

# LOWEL®

**Lights, Controls,  
Mounts & Kits  
for Imaging  
Professionals  
from the  
World Leader  
in Location  
Lighting**

**Note:**

**This PDF edition of the Lowel Catalog contains  
an interactive Contents Page.**

**Click on any icon on the page to go directly to  
that section.**

**2006**

**lowel**  <sup>®</sup>

# The Lowel Approach

## Why Lowel?

Lowel lighting equipment is primarily used in professional digital video & digital photography, as well as film based, photographic production. While we are considered the worldwide standard for location lighting, we also have equipment designed specifically for studio production and video conferencing applications. Our lights, controls, mounts and kits are designed and built for rugged dependable use, ease of operation & portability.

For an informational overview to choosing lights, accessories and kits, please consult the Resource section in the back of this catalog, or visit [www.lowel.com](http://www.lowel.com).

### Innovation

From 1959, when we introduced the triple-patented Lowel-light system and Gaffer-tape, to the present, we have consistently created unique professional lights and kits. Our innovations have made it easier to transport, set-up, control and maintain lighting equipment.

### Evolution

We listen to feedback from working professionals about their changing needs. We incorporate those ideas into designing, refining and testing new equipment before releasing it. We also use that feedback to improve existing items in our product line.

## Contact Lowel

**Our equipment is sold through Authorized Lowel Dealers in the US, Distributors or Dealers in other countries.**

For questions, comments, or names of Dealers in your area, contact us.

**Call: 800 334-3426**

**718 921-0600**

**Fax: 718-921-0303**

e-mail us at  
[info@lowel.com](mailto:info@lowel.com)  
Visit us on the internet at  
[www.lowel.com](http://www.lowel.com)



### Versatility

Our lights and accessories are designed to provide additional creative options on location because they are multi-functional.

### Integration

Many Lowel components can be used interchangeably among several of our lighting systems. For instance, the Tota-brella converts five different fixtures to soft sources; the Tota-frame can be used with 4 different lights.

### Compact Kits

Integration and fold-up components allow Lowel to offer more than fifty single-case kits (created from one or more of our lighting systems) with as many as forty accessories in a kit, selected to handle a wide range of lighting situations. Typically, Lowel kits are kept in active use for 10 years or more.

### Sales & Service

Lowel warranties light fixtures for two years, stands for five years (see warranty). Lowel repair service is well known for quality of workmanship, fairness in warranty interpretation and fast turn-around time. We offer a free parts book with detailed illustrations of all repairable equipment.

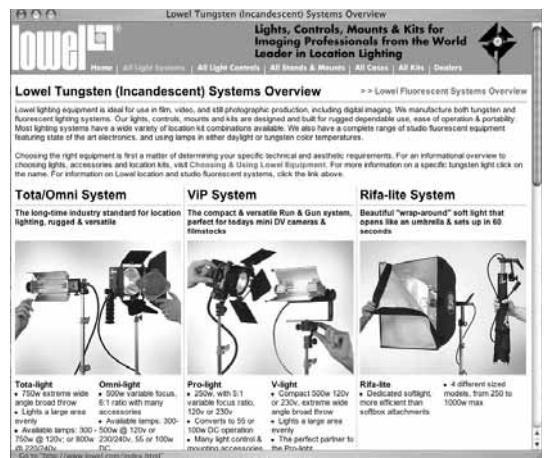
### Patents

- Tape up, clamp-on Lowel-light
- Fold up barndoors
- Roll-up, floodable Variflector
- Quartz light with interchangeable reflectors (D/DP)
- Fold-up Softlight
- Tota-light system
- Omni-light system
- Frame-up, folding flag/gel frame
- Lobo clamp
- Pro and i light systems
- Folding fluorescent, Light-Array
- V-light
- Blip light controls
- Tota-shade
- Fin-S barndoor extension
- Hollywood-strip light control
- Rifa-lite soft light
- Fren-L 650
- LoweLDimmer
- Missing Link clamp
- Caselite
- Caselite mounting system
- Studio fluorescent DMX addressing
- IR DMX Controller
- IR DMX Translator
- Lowel Ego tabletop digital imaging light (pending)

### Some Notable Awards

- Technical Achievement Academy Award, Academy of Motion Picture Arts and Sciences.
- John Grierson Gold Medal, Society of Motion Picture and Television Engineers.
- Lightfair Technical Innovation Award.

[www.lowel.com](http://www.lowel.com)



## Our Website Offers the Latest Information

- The most up to date & easy to navigate information on the complete Lowel product line. Continually updated.
- New Product Announcements
- Learn to Light with the Lowel Pro's. Easy to understand lighting lessons, tips & suggestions, there's something for everyone from new pro to seasoned veteran. A lot is planned for this part of the site.
- Online Parts. Need a part? Now you can find it at [lowel.com](http://lowel.com).
- Want to know what trade shows we're planning to be at? The site has it.
- Need downloadable instructions for our lights? You'll find them at [lowel.com](http://lowel.com)

Click on any icon to go directly to that section.

## Light Systems pp. 4-35



**ViP** pp. 4-9



**Tota/Omni** pp.10-13



**DP** pp. 14, 15



**Fren-L 650** pp. 16, 17



**L-light** pp. 18, 19



**Rifa-lite** pp. 20-22



**Lowel Ego** p. 23



**Caselite** pp. 24, 25



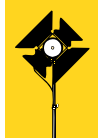
**LowelScandles**  
pp. 26, 27



**Lowel Fluo-Tec** pp. 28-33



**Lowel e-studio**  
pp. 34, 35



## Light Controls pp. 36-39

**Electronic Light Controls**  
p. 36



**Reflectors, Umbrellas & Flags**  
pp. 37, 38



**Gels, Gel Frames &** p. 39

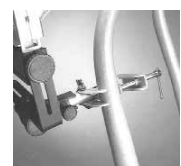


## Mounts pp. 40-43

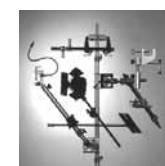
**Stands, Poles &**  
pp. 40, 41



**Clamps & Mounts**  
pp. 42, 43



**Booms & Rigs** p. 43



## Cases pp. 44-49

**Hard Cases** pp. 44-47



**Soft Cases pp. 48, 49  
& Lampaks**



## Kits pp. 50-67

**Our Most Popular Kits**



**8 Top Selling Suggestions** p. 51

**Lowel DV Creator &  
Multi System Kits**



**Lowel DV Creator**  
pp. 52, 53  
**Super Ambi**  
p. 53

**System & System Plus Kits**



**Rifa-lite** pp. 54-56



**ViP** pp. 57-59



**Tota/Omni** pp. 60-63



**DP**  
pp. 64, 65



**Caselite**  
p. 66



**LowelScandles**  
p. 66



**L-light**  
p. 66

**Light  
Paks**



**Light  
+ Lamp  
+ Stand**  
p. 67



## Resources pp. 68-79

**Matters of Light & Depth by  
Ross Lowell** pp. 68, 69  
**Terms of Enlightenment** pp. 70, 71

**Choosing a Light** p. 72  
**Controlling the Light** p. 73

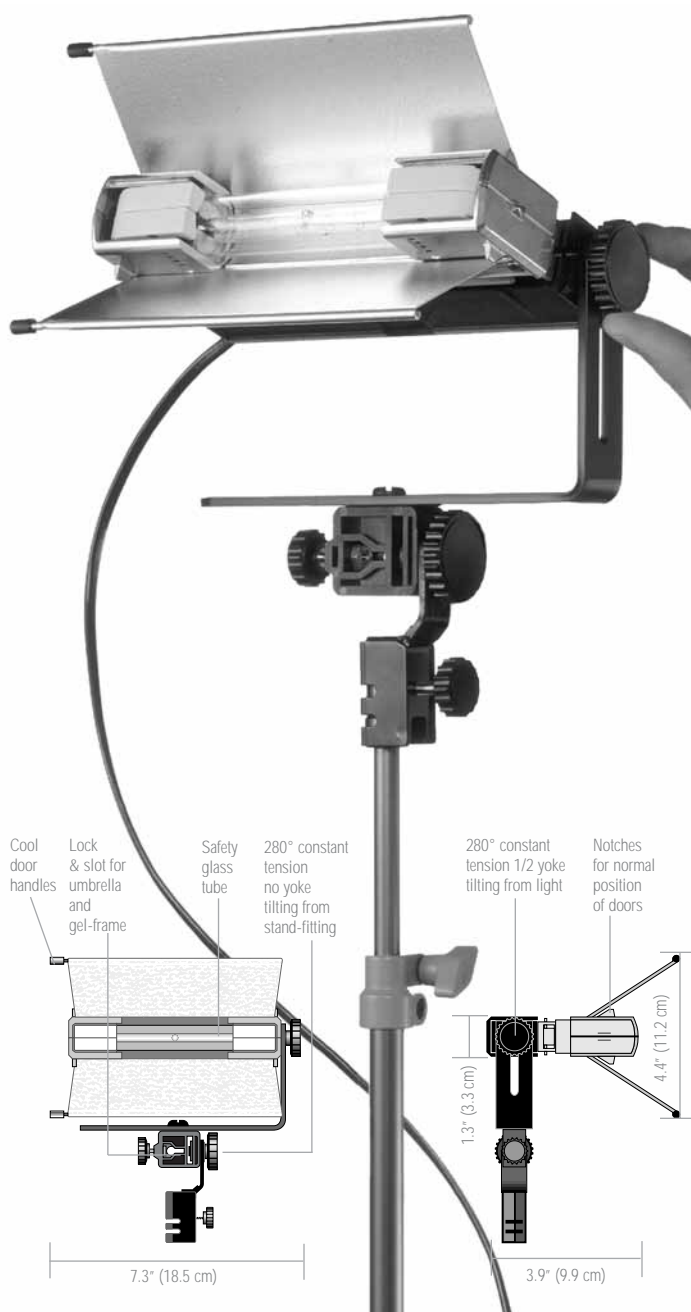
**Using Mounts** p. 74  
**Choosing a Kit/  
Safety** p. 75

**Policies** p. 76  
Repairs, Parts, Warranties

**Indexes** pp. 77-79



## Broad Throw — 120, 220/240; 500w



**Powerful enough to light a small room yet small enough to fit in a large pocket, the versatile V-light can be used as a broad, key, fill (with umbrella or diffusion gel), back-light, or background light.**

**The perfect partner for the Pro-light, it's also excellent for copy work.**

**Extreme wide angle,** smooth, multi-use, tungsten halogen source.

**Watts:** 500 at 120v, 500 at 220 & 240v.

**Light controls:** umbrella, gel-frame, gels, flags, etc.

**Tilting:** 280°, adjustable, constant-tension, one-handed, tilting.

**Protective glass tube** surrounds low-pressure lamp (must always be used).

**Closes compactly for storage and travel.**

**CE Approved 230v model available.**



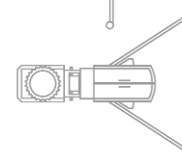
Closed for storage and travel



Doors at 180°



Normal: maximum illumination



### Technical Data

**Size closed:** 7.3 x 7.3 x 1.3", (18.5 x 18.5 x 3.3 cm)  
**Weight with cable:** 1.5 lbs. (680 g)  
**Max. wattage:** 500  
**Max. amperage:** 4.2 at 120 volts  
**Beam control:** door angle provides vertical beam control  
**Fits on:** 5/8" (1.59 m) studs and accessories  
**Materials:** primarily aluminum and Ryton  
**Cable:** 16' (4.88 m) #18/2  
**Switch:** in-head  
**U. S. Patent:** 4322779



### Lamp/Beam Data

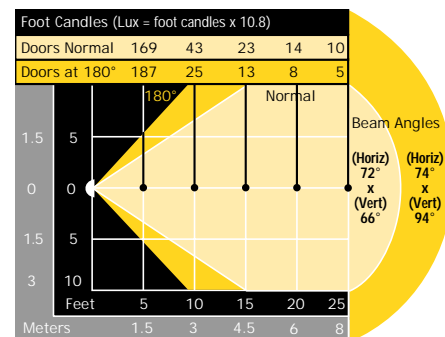


Lamp Code	Volts	Watts	°K	Avg Life	F. C. (Lux) at 10' (3 m)	
GDA	120	500	3150	100 hr	43 (465)	25 (270)
V1-240/250	240/250	500	3150	100 hr	37 (395)	20 (215)

The above lamps are low-pressure lamps. Tota and V lamps are not interchangeable.

### Performance

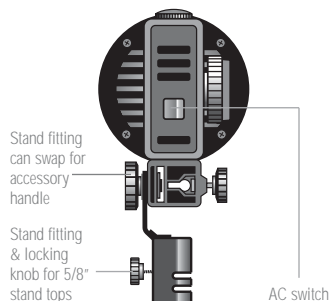
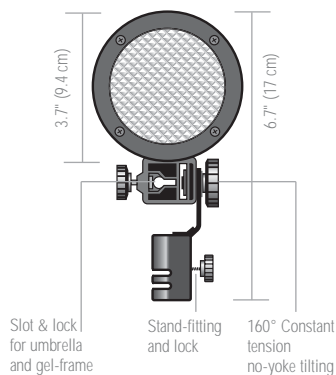
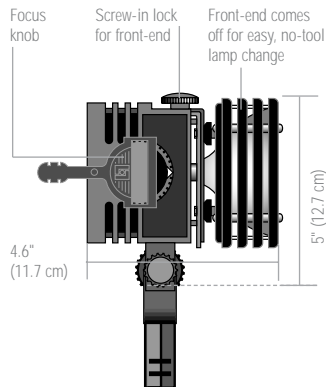
With 120v, 500w, 3150°K, GDA lamp



Beam angles-points at which intensity drops to 50% of maximum



## Pro Specs



**With its high intensity Reflector & Prismatic Glass, the tiny focusable Pro-light is more efficient than a mini-fresnel of equal wattage. It gives an exquisite even light, with fresnel-like shadow quality, evenly dispersed flood, and a uniform spot with significant barndoor cut.**

**Multi-use, tungsten halogen source.**

**Focus range-5:1**  
with GCA lamp.

**Watts:** 250 & 125 at 120v,  
200 at 30v, 100 & 50 at 12v.  
235 at 230v.

**Tilting:** 160°, adjustable,  
constant-tension, one-handed,  
no-yoke tilting.

## Variable Focus —12, 30,120, 230v; 50-250w



**Used with today's more light sensitive digital cameras & filmstocks,** its compact size makes it the perfect low-level key or accent light, fill light (with diffusion), or back-light for interviews & other small shooting-areas. In addition to a wide variety of customizing & control accessories, its versatility can be increased by adding a DC adapter cable & swapping its bulb for battery operation. Replace the Prismatic Glass with Clear Safety Glass for a non-focusing super-spot in special use situations.

**The combination of** the focusable 250 Watt Pro-light and the 500 Watt V-light, with its ability to broadly cover a wide area evenly, creates the foundation of a lighting system that easily can handle most contemporary run & gun shooting duties. The versatility of the VIP system is significantly enhanced by the wide selection of light control and mounting accessories.

**All Pro-light AC cables have been updated with an IEC connector.**

**Pro-light 230v Euro dedicated CE approved model is now available.**

## Lamp/Beam Data

(Pro & I/id lamps are not interchangeable)

Lamp Code	Volts	Watts	°K	Avg Life	Flood	Foot Candles (Lux) at 10' (3 m)	Spot	Focus Range	Super Spot
GCA	120	250	3200	100 hr	26 (285)	131 (1420)	5:1	389 (4200)	
FSH	120	125	3200	100 hr	11 (115)	48 (515)	4.5:1	139 (1500)	
GCB	30	200	3200	100 hr	17 (180)	79 (850)	5:1	269 (2900)	
GCC	12	100	3200	100 hr	12 (125)	58 (630)	5:1	245 (2650)	
JCV14.5V-50WC 12/14	50	3200	100 hr	6 (70)	28 (305)	4:1	125 (1350)		
GLF/P44 *	230	235	3200	100 hr	39 (420)	81 (880)	2:1	178 (1920)	

\* Only fits CE Pro-light, updated Pro-light (4/2003) & older Pro-lights with updated Front Housing (iP2-18)

## Technical Data

**Weight:**  
Pro-light with 4' captive cable:  
1.3 lbs (590 g)  
**With 4' cable & 12' extension cable:** 2 lbs (907 g)  
**Max. wattage:** 250

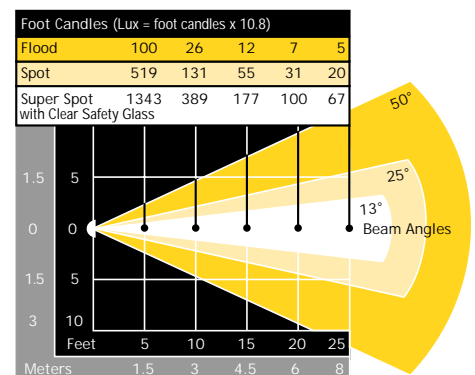
**Max. amperage:** 8.3  
**Beam control:** continuously variable  
**Fits on:** 5/8" (1.59 cm) studs  
**Materials:** primarily aluminum and Ryton

**Cable:** with extension 16' (4.88 m) #18/3. CE model with #18/2.  
**Switch:** in-head  
**U.S. Patent:** 4777566



## Performance

With 120v, 250w, 3200°K, Osram GCA lamp



Beam angles-points at which intensity drops to 50% of maximum

## Variable Focus Dimmable & Non-dimmable models — 12/14v; 55, 100w

The focusable, i-light & id-lights are great DC powered location choices.

They use rugged long-life lamps, & the accessories of the Pro-light.

They provide essential key or fill light, eye-light, and contrast control in news and documentary shooting, without overwhelming available light.

Choose the dimmable id-light or the non-dimmable i-light, both fitted with a high intensity reflector & Prismatic Glass to give an even flood & uniform spot, and a full range of light control & mounting accessories to bring convenience & dependability to places where AC dares not go.

By the way, they also make great broadcast camera-top lights.



The dimmable id-light provides increased versatility, especially in news & documentary use where lighting conditions may change quickly.

Its 20KHz dimmer provides graceful dimming with no electronic interference to broadcast cameras.

Both i & id-lights share accessories with the Pro-light.

Multi-use, tungsten halogen source.

Focus range-5:1 with i-100 lamp.

**Watts:** uses 55 & 100 Watt inexpensive, automobile halogen lamps at 12/14v.

i & id-lights fitted with high intensity #2 Reflector and Prismatic Glass for high quality flood and spot, just like Pro-light.

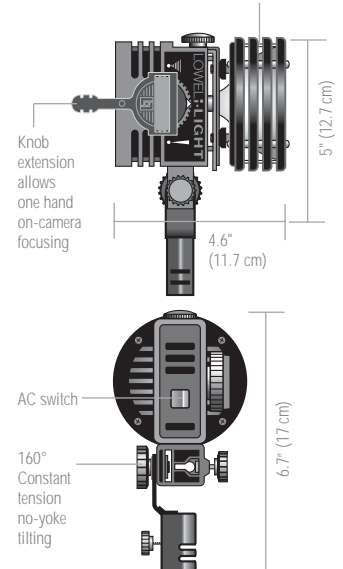
Replace Prismatic Glass with Clear Safety Glass for high intensity long throw super spot use.

**Tilting:** 160°, adjustable, constant-tension, one-handed, no-yoke tilting.

## i & id Specs

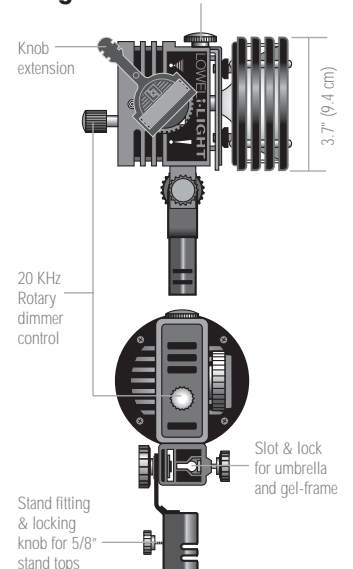
### i-light

Front-end comes off for easy, no-tool lamp change



### id-light

Screw-in lock for front-end



## Lamp/Beam Data (Pro & i/id lamps are not interchangeable)

Lamp Code	Volts	Watts	°K	Avg Life	Foot Candles (Lux) at 10' (3 m)			Super Spot
					Flood	Spot	Focus Range	
i-100	12/14	100	3200	500 hr*	9 (99)	40 (430)	5:1	167 (1800)
i-55	12/14	55	3200	500 hr*	4 (40)	29 (315)	8:1	120 (1300)

\*At 12v.

## Technical Data

### Weight:

i-light with 4' cable:

1.2 lbs (544 g)

id-light with 4' cable:

1.5 lbs (635 g)

Max wattage: 100

Max amperage: 8.3

### Beam control:

continuously variable

**Fits on:** stands, studs,

camera tops, etc.

**Materials:** primarily

aluminum and Rytan

**Cable:** 4' (1.25 m)

#16/2 with cigarette

lighter connector

CE Model with #18/2 cable

**Switch:** in-head

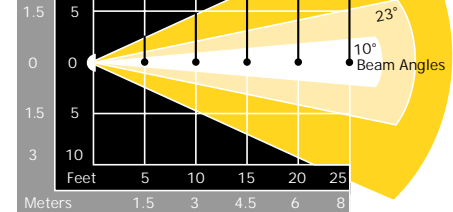
**U.S. Patent:** 4777566



## Performance

With 12v, 100w, 3200°K, i-100 lamp

Foot Candles (Lux = foot candles x 10.8)					
Flood	31	9	4	2	1.5
Spot	157	40	16	10	6
Super Spot with clear safety glass	648	167	65	39	26



Beam angles-points at which intensity drops to 50% of maximum

## Lights &

### Pro-light

**Code: P2-10**

**Weight:** 2 lbs (907 g)  
Upgraded with 4' captive cable & IEC connector, 12-foot IEC extension AC cable, standard 3-wire plug, Stand-fitting (less lamp).

**Code: P2-10CE**

Dedicated CE approved 230v Euro model.

### Pro-light with lamp

**Code: P2-101**

Same as P2-10 but with 120v, 250w GCA lamp.

### V-light

**Code: V1-10**

**Weight:** 1.5 lbs (680 g)  
With 16-foot cable, protective lamp sleeve, L-link, Stand-fitting (less lamp).

**Code: V1-10CE**

Dedicated CE approved 230v Euro model with CEE 716 plug

### V-light with lamp

**Code: V1-101**

Same as V1-10 but with 120v, 500w GDA lamp.

### i-light Complete Set

**Code: i-01**

**Weight:** (light only)  
1.2 lbs (544 g)  
i light with 55 watt lamp, 4' captive cable with cigarette lighter connector, Low-link (ViP-37), Cam-link (ViP-41), iP Focus-knob Extension (iP-35) spare 100 watt lamp & ViP Stand-link (ViP-39).

### i-light Complete Set

Same as above with:

i-02 4-pin XLR connector  
i-045 Anton Bauer tap

### id-light Complete Set

**Code: id-01**

**Weight:** (light only)  
1.5 lbs (680 g)  
id-light with 55 watt lamp, 4' captive cable with cigarette lighter connector, Low-link (ViP-37), Cam-link (ViP-41), iP Focus-knob Extension (iP-35), spare 100 watt lamp & ViP Stand-link (ViP-39).

### id-light Complete Set

Same as above with:

id-02 4-pin XLR connector  
id-045 Anton Bauer tap

## Pro & i Upgrades & Front Housing

### iP Retrofit Kit

**Code: iP-14**

**Weight:** 2 oz (56 g)  
High intensity #2 Reflector (iP-17) & Prismatic Glass (iP-52). Use to upgrade earlier Pro & i-lights.

### Clear Safety Glass

**Code: iP-49**

When used with #2 Reflector, becomes a non-focusing high intensity spot.

### Front Housing & Clear Safety Glass

**Code: iP2-19**

#2 Reflector, with front housing & clear safety glass. For non-focusing spot only.

### Pro-light Front Housing

**Code: iP2-18**

Upgraded Front housing With installed #2 reflector & Prismatic Glass, supplied with upgraded (4/2003) Pro-light

## Pro & i Focus-knob Extension

**Code: iP-35**

**Weight:** 1 oz (28 g)  
This handle snaps onto the focus knob on Pro and i-lights for left-hand focusing in on-camera news work.

## Stand-link

**Code: ViP-39**

**Weight:** 2 oz (56 g)  
Rugged metal Stand-link mounts on 5/8" and smaller studs. Supplied with all ViP lights.

## ViP Light Controls

### Flag-link

**Code: ViP-50**

**Weight:** 1 oz (28 g)  
Attaches to ViP lights. Accepts one Flexi-shaft.

### Tota-tatch

**Code: T1-34**

**Weight:** 3.5 oz (98 g)  
Attaches to stands, shelves, tripods, etc. Accepts one Flexi-shaft.

### Flexi-shaft (2)

**Code: T1-50**

**Size:** 16" (40.65 cm)  
**Weight:** 4 oz (113 g)  
Flexible arm snaps onto Flag-link, Tota-tatch, or Tota-clamp and positions a Tota-flag or Tota-flector. (Pkg of 2).

### Tota-flag

**Code: T1-52**

**Size:** 8 x 12" (20.3 x 30.5 cm)  
**Weight:** 4 oz (113 g)  
Black aluminum panel attaches to a Flexi-shaft for shadowing subject, background or lens.

## ViP Light Controls

### Tota-brella



### Standard/Silver

**Code: T1-25**

**Weight:** 8 oz (227 g)  
**Size:** 27" (68.6 cm) open, 19" (48.3 cm) closed.  
Locks directly into all ViP lights to convert to small softlights. Recommended primarily for the V-light.

### Special/White

**Code: T1-26**

Same as above with extremely soft, white reflective surface.

### Tota-frame

**Code: T1-20**

**Weight:** 6 oz (170 g)  
**Size:** Folded 12 x 1 x 1" (30.5 x 2.5 x 2.5 cm)  
Holds 10 x 12" (25.4 x 30.5 cm) gels.  
Locks directly into V-light, pans and tilts with the light. Also fits Pro & i lights.

### Tota Gels (5)

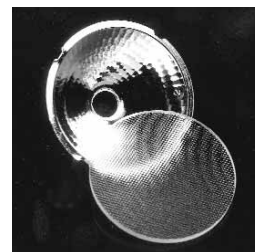
**Size:** 10 x 12"

(25.4 x 30.5 cm) sheets  
(Pkg of 5): Day Blue (T1-70); ND 3 (T1-71); Frost (T1-72); Assorted—3 Day Blue, 1 Frost, 1 ND 3 (T1-78).

### Tota/Omni Gel File

**Code: GF-10**

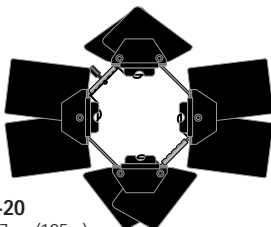
**Size:** 11 x 13" (27.9 x 33 cm)  
**Weight:** 9 oz (255 g)  
Stores 10 x 12" gels for Tota/Omni Gel frame.





## Pro, i Light Controls

### 4-way Barndoor

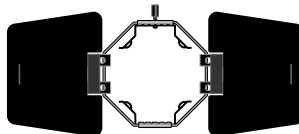


**Code: iP-20**

**Weight:** 7 oz (195 g)

Barndoor Frame with two expandable rectangular leaves, two expandable triangular leaves. Accepts swing-in accessories. Rotates 360°.

### 2-way Barndoor



**Code: iP-25**

**Weight:** 4 oz (113 g)

Barndoor Frame with two removable Non-expandable Clip-on Leaves (iP-24). Frame accepts swing-in accessories and additional leaves. Rotates 360°.

### Barndoor Frame



**Code: iP-21**

**Weight:** 2 oz (57 g)

Barndoor Frame only, accepts swing-in accessories, and/or leaves. Rotates 360°.

### Expandable Rectangular Leaf



**Code: iP-22**

**Weight:** 1 oz (28 g)

Changes from small to large rectangle as needed, and can be attached to, or removed from Barndoor Frame.

### Expandable Triangular Leaf



**Code: iP-23**

**Weight:** 1 oz (28 g)

Changes from triangular to square shape as needed and can be attached to, or removed from, Barndoor Frame.

### Non-expandable Clip-on Leaf



**Code: iP-24**

**Weight:** 1 oz (28 g)

Rectangular leaf easily clips on to Barndoor Frame.

### Gel-Jawz



**Code: CL-15**

**Weight:** 2 oz (56 g)

Package of eight clips. Attach to barndoor leaves to hold gels.

### Swing-in Accessory Holder



**Code: iP-30**

**Weight:** 1 oz (28 g)

Accessories can be changed in holders. However, for fast or frequent changes, each should have its own holder. Up to three holders attach to the Pro and i-light Barndoor Frame, for use one-at-a-time.

### Swing-in Accessories

**Weight with holder:** 2 oz (57 g)

#### Diffused Glass

Softens light, creates gentler, more flattering, but less dramatic, highlights and shadows.

Light loss approx. 40% in flood.

iP-50 Without Holder

iP-50H With Holder

#### Dichroic Filter

Converts 3200°K light to average daylight. Light loss approximately 50%.

iP-51 Without Holder

iP-51H With Holder

#### Full Scrim

Stainless-steel screen reduces light by approximately one stop. Unlike the Diffused Glass (or Frost Gel on Tota-frame) it will not diffuse or soften high-lights and shadows.

iP-54 Without Holder

iP-54H With Holder

#### Half Scrim

Stainless-steel screen covers half of the light and rotates 360° to reduce the light on any part of the subject or foreground that is too bright.

iP-55 Without Holder

iP-55H With Holder

#### Graduated Scrim

Stainless-steel screen sections reduce light more subtly and more completely than the Half Scrim. Rotates 360°. Useful to control subjects that become too bright as they approach a light, and fall-off on walls and subjects.

iP-56 Without Holder

iP-56H With Holder

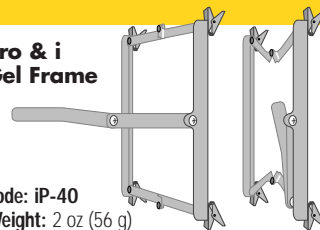
#### iP Prismatic Glass

Use in Swing-in holder with Clear Glass in front housing for quick change from super spot to focusable.

iP-52 Without Holder

iP-52H With Holder

### Pro & i Gel Frame



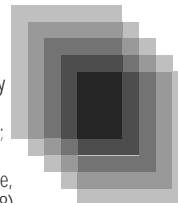
**Code: iP-40**

**Weight:** 2 oz (56 g)

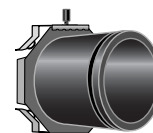
Holds 5 x 6" gels. Collapses for storage like Tota-frame.

### Pro & i Gels (5)

**Size:** 5 x 6" (12.52 x 15.25 cm) sheets (Pkg of 5): Day Blue (iP-70); ND 3 (iP-71); Frost (iP-72); Booster Blue (iP-73); Assorted—3 Day Blue, 1 Frost, 1 ND 3 (iP-78).



### Snoot



**Code: iP-53**

**Weight:** 4 oz (113 g)

Fits directly on the light. Produces a reduced, soft-edged circle of light. A Barndoor Frame fits on the front, if needed.

## Pro, i Camera Mounts

### L-link

**Code: VIP-36**

**Weight:** 2 oz (57 g)

Supplied with V-light. It can also be used with the Pro and i-lights and the Cam-link or Vipod to extend or re-position a light.



### Low-link

**Code: VIP-37**

**Weight:** 1 oz (28 g)

It enables the Pro and i-lights to be camera-mounted with a Cam-link or a 1/4-20 screw.



### Stud-link

**Code: VIP-38**

**Weight:** 1 oz (28 g)

5/8" (1.59 cm) stud with 1/4-20 screw, supplied with the Vipod. Can be used with Cam-link or directly on some video cameras.



### Cam-link

**Code: VIP-41**

**Weight:** 1 oz (28 g)

Locks onto video cameras that have a female shoe. It accepts a Low-link, L-link, or Stud-link.



### Cam-link & Stud-link

**Code: VIP-41S**

**Weight:** 2 oz (57 g)

### Cam-link & Low-link

**Code: VIP-41L**

**Weight:** 2 oz (57 g)

For Pro- or i-light camera shoe mounting.





## Mounts

### Uni-stand

**Code:** UN-33  
**Weight:** 2.4 lbs (1.1 kg)  
**Size:** 21.5" (54.6 cm) folded.  
 Extends to 7'11"  
 All aluminum stand, wide base, legs can lie flat to floor, large locking knobs. Folds compactly to fit in smaller kits.

### Uni TO Stand

**Code:** UN-55  
**Weight:** 2.6 lbs (1.2 kg)  
**Size:** 21.5" (54.6 cm) folded.  
**Maximum height:** 7'11" (2.4 m)  
**Base diameter:** 43"  
 New stand, based on design combination of Uni-stand & Omni-stand. More stable than Uni-stand, more compact than Omni Stand.

### Vipod with Stud-link

**Code:** ViP-35S  
**Weight:** 5 oz (142 g)  
 Supports ViP lights on the floor or other flat surfaces. It can be screwed, Gaffer-taped or clamped to vertical surfaces. Combines with other ViP mounts for special uses. Stud-link is removable.

### Vipod only

**Code:** ViP-35  
**Weight:** 4 oz (112 g)

### Handle & Low-link

**Code:** ViP-42  
**Weight:** 3 oz (85 g)  
 For hand-holding ViP lights.

### Handle & Stud-link

**Code:** ViP-43  
**Weight:** 3 oz (85 g)

### Tota-clamp

**Code:** T1-30  
**Weight:** 4 oz (113 g)  
 Clamps onto pipes, shelves, etc. up to 1 7/8" (4.78 cm) thick. 5/8" (1.59 cm) stud locks in two positions and accepts a light. Also accepts two Flexi-shafts with flags or flectors.

### Tota-mount

**Code:** T1-32  
**Weight:** 10 oz (284 g)  
 Supports ViP lights on top of doors (open or semi-closed), on windows and some walls, when attached carefully with Gaffer-tape.

### Gaffer-tape

The highest quality, cloth-backed adhesive tape attaches Lowel mounts to windows and walls.

### 12 yd roll

**Code:** GT-12  
**Weight:** 8 oz (227 g)

### 30 yd roll

**Code:** GT-30  
**Weight:** 1.25 lbs (567 g)

### Scissor-mount (2)

**Code:** CM-20  
**Weight:** 9 oz (250 g)  
 Attaches small lights and accessories to grid of dropped-ceiling in offices and other areas. Use Gridlock (CM-21) with Pro-light. (Set of 2).

### Gridlock

**Code:** CM-21  
**Weight:** 9 oz (250 g)  
 Attaches Pro-light right side up to the T-bar of dropped ceiling grids. Can also be used with i and V lights. (1 only).

### Lobo

**Code:** F1-30  
**Weight:** 10 oz (284 g)  
 Attaches Lobo Arm to top or any part of a stand to make a miniature boom for ViP Lights. Also mounts large umbrellas, flags, etc.

### Lobo Arm

**Code:** F1-40  
**Weight:** 3 oz (85 g)  
 22" (55.9 cm) shaft with 5/8" (1.59 cm) stud. Extends, articulates and booms small lights, reflectors, etc.

### Safety Cable (3)

**Code:** CM-50  
**Size:** 34" (86.4 cm)  
**Weight:** 2 oz (57 g)  
 Braided stainless-steel cable adds security to lights and accessories that are attached to overhead pipes, beams, dropped-ceiling grids, etc. (Set of 3)

**For more mounts:**  
 see Mounts section.

## Cables & Connectors

### Pro-light Cables

**12' Cable**  
**Code:** P2-80  
**Weight:** 2 oz (57 g)  
 #18/3 cable with IEC connector is supplied with the updated Pro-light to extend its captive cable.  
**Code:** P1-80 Original AC cable for pre-updated Pro-lights (pre-April 2003).

**12' Pro Euro Cable**  
**Code:** P2-801  
**Weight:** 10 oz (280 g)  
 Adapts the updated Pro-light for use with European voltages. #18/3 with IEC connector and male CEE-7/7 plug

**12' Pro UK Cable**  
**Code:** P2-802  
**Weight:** 10 oz (280 g)  
 Adapts the updated Pro-light for use in U.K. #18/3 with IEC connector and male fused BS 363A plug.

**1' 2-pin 30v Cable**  
**Code:** P2-81  
**Weight:** 2 oz (57 g)  
 Adapts the updated Pro-light, with IEC connector, for use with many 30 volt batteries. #18/3; with switch and 2 pin "Amphenol Type" connector. No wiring required.  
**Code:** P1-81 Original 30 V cable for pre-updated Pro-lights (pre-April 2003).

**1' 4-pin XLR Cable**  
**Code:** P2-82  
 Adapts the updated Pro-light for use with appropriate 12 volt batteries for 100w operation. No wiring required.  
**Code:** P1-82 Original 4-pin XLR cable for pre-updated Pro-lights (pre-April 2003).

**1' 12v Cigarette Lighter/Car Adaptor Cable**  
**Code:** P2-85  
 Adapts updated Pro-light IEC Connector for use with some 12 volt batteries and automobile cigarette lighter sockets. No wiring required.

**Code:** 01-82  
**Weight:** 1 oz (28 g)  
 Connects T1-80 Cable to cigarette lighter connector.

### i & id-light Connectors

**10' Extension Cable**  
**Code:** i-85  
**Weight:** 4 oz (113 g)  
 Enables the i-light to be used inside or outside automobiles. No wiring required.

**Anton Bauer Battery Tap**  
**Code:** i-86  
**Weight:** 1 oz (28 g)  
 Connects i & id-light to Anton Bauer Battery on video camera.

**Cable Clips (10)**  
 Reusable quick release cable fasteners.

K4CC	Pkg of 10
KCC	Pkg of 40



## Broad Throw — 120, 220/240v; 300-800w

Multi-use, tungsten halogen source.

**Watts:** 750 & 500 at 120v, 800 at 220/240v.

**Adjustable reflecting doors** can illuminate four walls evenly from a corner or compensate for light fall-off on vertical surfaces lit from above or below.

**360° constant tension no-yoke tilting.** Large, cool knobs.

**Closes compactly for storage & travel.**

**Never operate with doors closed beyond notched safety stop.**

**Protective front screen must always be used.**

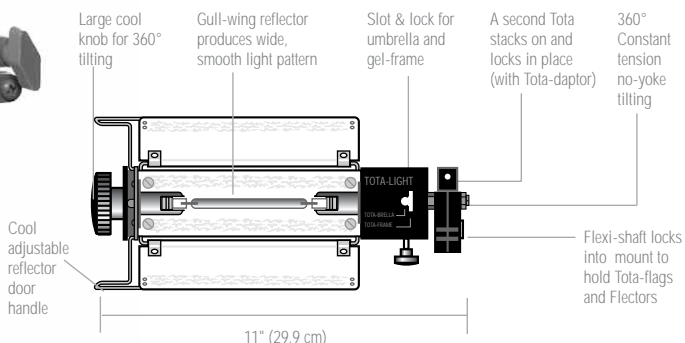
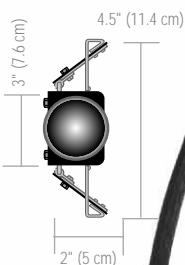
**Compact, rugged & versatile, the broad throw Tota-light is a Lowel time honored favorite. It can be used with its umbrella or gel-frame & diffusion as a soft key, fill, or backlight. With its adjustable reflectors, it can be a smooth & even background light, or point it toward the ceiling to raise the ambient (base) light level of a room. Tota is also widely used for photographic copy work.**



Doors at 180°

Cyc and wall illumination

Maximum spread, actually lights behind itself



## Technical Data

**Size closed:** 2" x 3" x 11" (5 x 7.6 x 27.9 cm)  
**Weight less cable:** 1.3 lbs (595 g)  
**With 16' cable:** 2.25 lbs (1.02 kg)  
**Max. wattage:** 750w at 120v, 800w at 220/240v  
**Max. amperage:** 6.25 at 120v  
**Beam control:** door angle provides vertical beam control  
**Fits on:** studs 5/8" (1.59 cm) or smaller  
**Materials:** primarily aluminum alloy  
**Cable:** 16' (4.88 m) #18/3 wire  
**Switch:** in-line  
**U.S. Patent:** 3852582



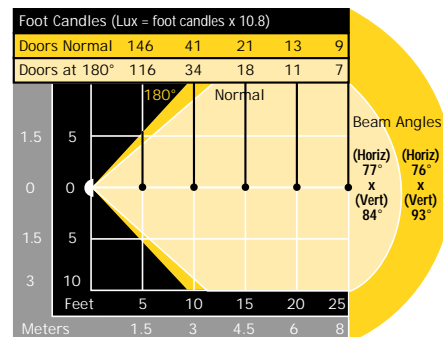
## Lamp/Beam Data

Lowel Code	Volts	Watts	°K	Avg Life	Foot Candles (Lux) at 10' (3m)	
					doors norm	doors 180°
EHZ	120	300	2900	2000 hr	14 (149)	11 (122)
FND	120	500	3200	400 hr	27 (295)	22 (235)
FCZ	120	500	3000	2600 hr	26 (280)	19 (200)
FCM/HIR* (FWM)	120	650	3200	400 hr	60 (640)	45 (485)
EMD	120	750	3200	400 hr	41 (445)	34 (365)
EMF	220/240	800	3200	250 hr	45 (480)	34 (365)

Tota and V lamps are not interchangeable.  
 Tota lamps are frosted except FCM/HIR  
 \*G.E. Watt Miser™, also known as FWM, has virtually same output as 1000w lamp (see manufacturers specifications).

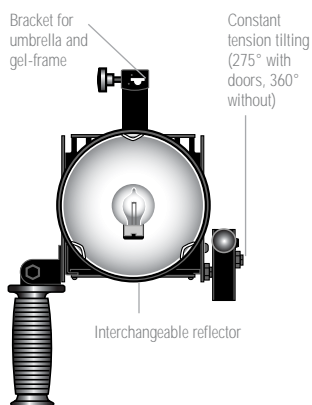
## Performance

With 120v, 750w, 3200°K, EMD lamp



Beam angles—points at which intensity drops to 50% of maximum

# Variable Focus — 12, 30, 120, 220/240v; 100–500w



The wide focusing range of the Omni-light makes it a flexible key or back-light. Add diffusion or an umbrella, and it's a soft fill source. Swap the power cord & lamp and it becomes a battery powered, hand-held light. Available with a host of accessories and built for heavy duty long life, the popular Omni is the perfect companion to the Tota.

## Multi-use, tungsten halogen source.

Double parabolic, peened reflector provides non-crossover beam for maximum efficiency and gel life.

**Focus range-6:1**  
with #1 reflector  
& FTK lamp.

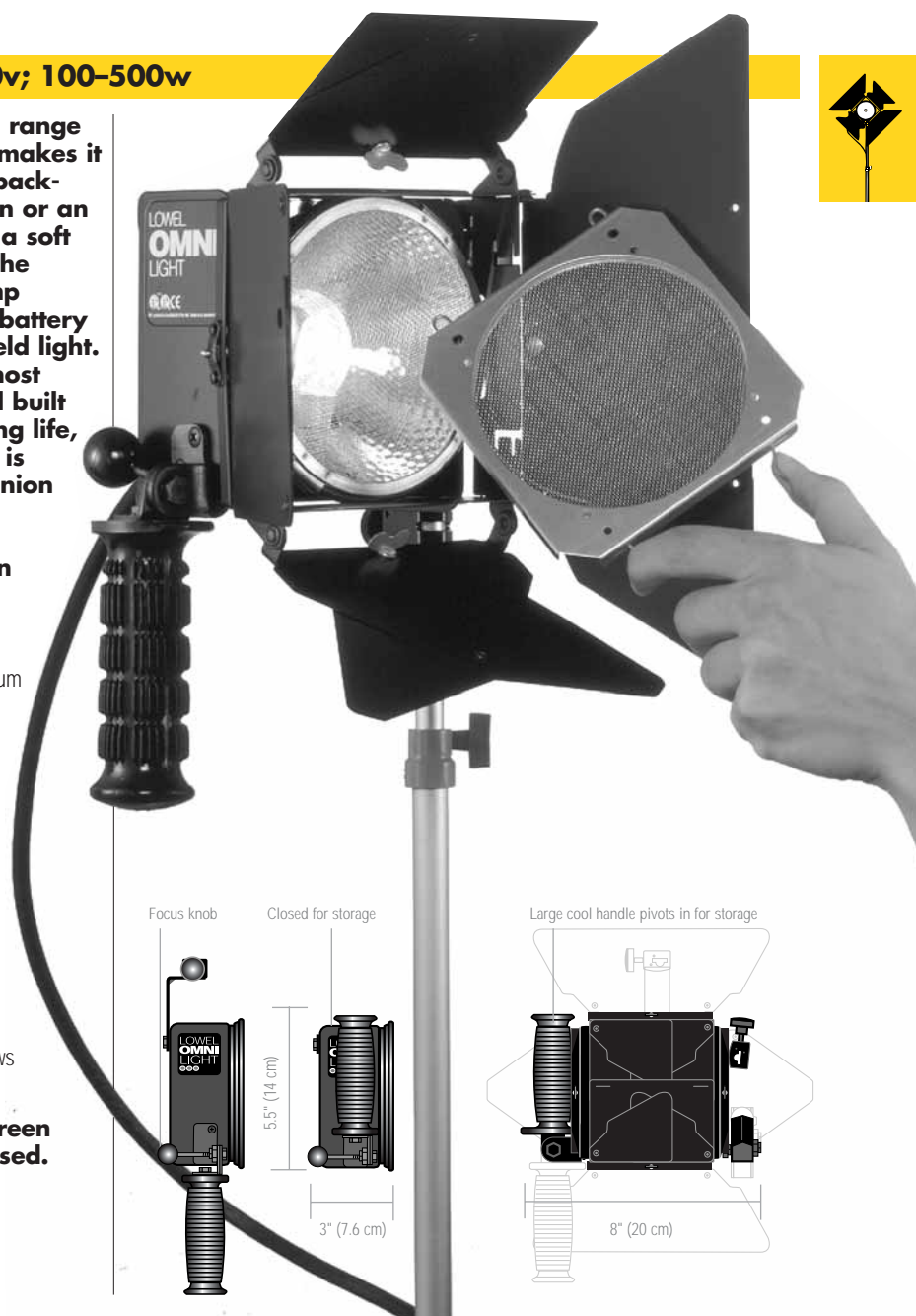
## Watts:

500, 420 & 300 at 120v,  
500 & 300 at 220/240v,  
250 at 30v, 100 at 12v.

## Quick-change super-spot

accessory reflector  
for exceptionally long throws  
at all voltages.

**Protective front screen**  
must always be used.



## Lamp/Beam Data



Lamp Code	Volts	Watts	°K	Avg Life	Foot Candles (Lux) at 10' (3 m)			
					Flood	Spot	Focus Range	Super Spot
EYL	12	100	3200	50 hr	14 (150)	111 (1200)	8:1	242 (2600)
DYG	30	250	3400	15 hr	37 (400)	311 (3350)	8:1	753 (8100)
JCD120V/300WC	120	300	3200	70 hr	32 (345)	278 (3000)	9:1	444 (4800)
EKB	120	420	3200	75 hr	66 (715)	390 (4200)	6:1	753 (8100)
FTK	120	500	3200	100 hr	75 (810)	475 (5130)	6:1	920 (9936)
JCD230V-300WC	230	300	3200	75 hr	27 (290)	222 (2400)	8:1	361 (3900)
JCD240V-500WC	240	500	3200	50 hr	47 (510)	370 (4000)	8:1	833 (9000)

## Technical Data

### Weight less cable:

1.7 lbs (771 g)

With 16' cable: 2.6 lbs

**Max. wattage:** 500w at  
120v and 220/240v

### Max. amperage:

8.3 at 30v & 12v

**Beam control:**  
continuously variable

**Fits on:** studs 5/8"  
(1.59 mm) and smaller

### Materials:

primarily  
aluminum alloy

**Cable:** 12, 120, 220,  
240v: 16' #18/3 wire;  
30v: 5' #18/3 wire

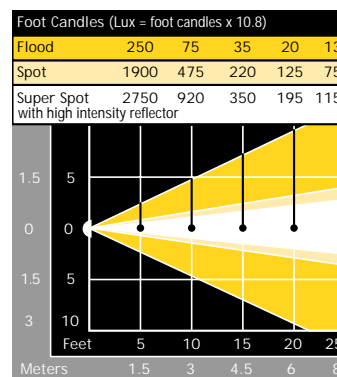
### Switch:

in-line  
U.S. Patent: 4187531



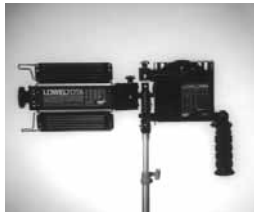
## Performance

With 120v, 500w, 3200°K, FTK lamp



Beam angles-points at which intensity drops to 50% of maximum





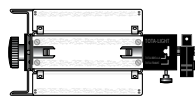
## Lights &

### Tota-light

**Code:** T1-10

**Weight:** 2.25 lbs (1.02 kg)

With Protective Screen and 16' Cable (less lamp).



### Tota-light with Lamp

**Code:** T1-101

Same as T1-10, but with 120v, 750w EMD lamp.

### Omni-light (standard)

**Code:** O1-10

**Weight:** 2.6 lbs (1.18 kg)

With standard #1 reflector, Protective Screen and 16' Cable (less lamp). For 30 & 12 volt operation, use #2 reflector and appropriate battery cable.



### Omni-light with Lamp

**Code:** O1-101

Same as O1-10, but with 120v, 500w FTK lamp.

### Omni-light 12v

**Code:** O1-12

**Weight:** 2.7 lbs (1.24 kg)

With #2 reflector, Protective screen, 16' Cable and 12v Cigarette Lighter Adaptor (O1-82), (less lamp).

### Omni-light 30

**Code:** O1-13

**Weight:** 2.25 lbs (1.02 kg)

With #2 reflector, Protective Screen and 5' 2-pin "Amphenol Type" Connector Cable (O1-81), (less lamp).

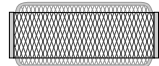
### Protective Screens

#### Tota-light Protective Screen

**Code:** T1-19

**Weight:** 2 oz (57 g)

Supplied with light. Max. wattage: 750w (120v) or 800w (220/240v). Protects against lamp explosion. Must always be used.

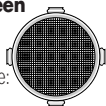


#### Omni-light Protective Screen

**Code:** O1-19

**Weight:** 2 oz (57 g)

Supplied with light. Max. wattage: 500w. Protects against lamp explosion. Must always be used.



### Omni Reflectors

**Weight:** 2 oz (57 g)

All reflectors are held in place by a retaining spring that allows fast, tool-less interchange.

#### #1 Reflector

**Code:** O1-15

Standard full-focusing reflector with Lowel's unique peened, double parabolic, no-crossover configuration.



#### #2 Reflector

**Code:** O1-16

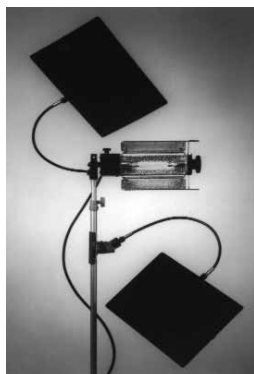
Same as above with different peening for 12 & 30v lamps.



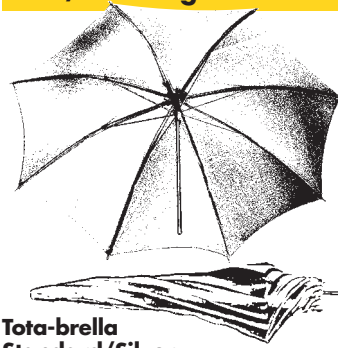
#### #3 Reflector

**Code:** O1-17

Super-spot, fixed-focus reflector has a narrow, high intensity beam for long throws. Works with all voltages.



## Tota/Omni Light Controls



### Tota-brella Standard/Silver

**Code:** T1-25

**Weight:** 8 oz (227 g)

**Size:** 27" (68.6 cm) open, 19" (48.3 cm) closed.

Locks directly onto Tota or Omni without tools to convert to softlight.

### Special/White

**Code:** T1-26

Same as above with extremely soft, white reflective surface.

### Tota-frame

**Code:** T1-20

**Weight:** 6 oz (170 g)

**Size:** Folded 12 x 1 x 1"

(30.5 x 2.5 x 2.5 cm)

Holds various 10 x 12"

(25.4 x 30.5 cm) gels.

Locks directly into all three lights, pans and tilts with the light.



### Tota Gels (5)

**Size:** 10 x 12"

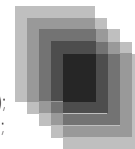
(25.4 x 30.5 cm) sheets

(Pkg of 5) :Day Blue (T1-70);

ND 3 (T1-71); Frost (T1-72);

Assorted—3 Day Blue,

1 Frost, 1 ND 3 (T1-78).



### Tota/Omni Gel File

**Code:** GF-10

**Size:** 11 x 13"

(27.9 x 33 cm)

**Weight:** 9 oz (255 g)

Accepts 10 x 12" gels for Tota/Omni gel frame. Made of flexible woven nylon with dividers to organize gel colors & diffusion. See full description in Soft Cases section.



### Tota-flag

**Code:** T1-52

**Size:** 8 x 12" (20.3 x 30.5 cm)

**Weight:** 4 oz (113 g)

Black aluminum alloy panel attaches to a Flexi-shaft for shadowing subject, background or lens. Two or more snap together.



### Flexi-shaft (2)

**Code:** T1-50

**Size:** 16" (40.65 cm)

**Weight:** 4 oz (113 g)

Flexible arm snaps onto Flag-link, Tota-tatch, or Tota-clamp and positions a Tota-flag or Tota-flector. (Pkg of 2).



## Tota Light Control

### Tota-shade (1)

**Code:** T1-21

**Weight:** 3 oz (85 g)

**Size:** 9 x 4.5" (23 x 11.4 cm)

Pivoting panels snap onto Lowel Tota and V-lights, providing light and lens-flare control & holding gels. Allows use of gel and umbrella together. (Side panels require top and bottom panels for support.)



### Tota-shade Set (4)

**Code:** T1-24

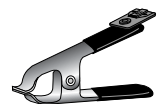
**Weight:** 12 oz (340 g)

### Tota-tatch

**Code:** T1-34

**Weight:** 3.5 oz (98 g)

Attaches to stands, shelves, tripods, etc. Accepts one Flexi-shaft.



## Omni Light Controls

### Complete Barndoor

**Code:** O1-20

**Weight:** 8 oz

(227 g)

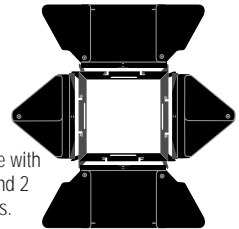
Barndoor Frame with

2 rectangular and 2

triangular leaves.

Rotates 360°

and holds 2 accessories (filters, snoot, etc.).



### Barndoor Frame

**Code:** O1-21

**Weight:** 2 oz (57 g)

Same as above minus leaves.

Holds accessories; joins two snoots.

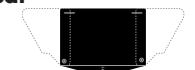


### Rectangular Leaf

**Code:** O1-22

**Weight:** 2 oz (57 g)

Locks on frame with 1/4 turn instant release connector; has two expandable wings.



### Triangular Leaf

**Code:** O1-23

**Weight:** 1 oz (28 g)

Locks on frame with 1/4 turn instant release connector; has two expandable wings.



### Gel-jawz (8)

**Code:** CL-15

**Weight:** 2 oz (56 g)

Package of eight clips.

Attach to barndoor leaves to hold gels.

Use two per light.





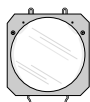
## Omni Light Controls

### Diffused Glass

**Code: O1-50**

**Weight:** 3 oz (85 g)

Softens light; reduces intensity and contrast; improves shadow quality. Light loss approx. 40% in flood.

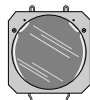


### Dichroic Filter

**Code: O1-51**

**Weight:** 3 oz (85 g)

Converts 3200°K to average daylight with light loss of approx. 50%. Absorbs U.V.

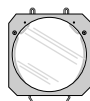


### Clear Glass

**Code: O1-52**

**Weight:** 3 oz (85 g)

Absorbs some U.V. with 5% light loss.

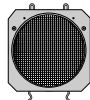


### Full Scrim

**Code: O1-54**

**Weight:** 2 oz (57 g)

Stainless steel screen reduces light one stop without diffusion or softening of contrast.

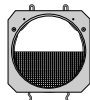


### Half Scrim

**Code: O1-55**

**Weight:** 2 oz (57 g)

Same as above, covers half the light, rotates 360° to reduce light on any part of the subject that is too bright.



### Graduated Scrim

**Code: O1-56**

**Weight:** 2 oz (57 g)

Clear, single and double screen areas gradually reduce light intensity. Compensates for light fall-off on walls and subjects. Rotates 360°.

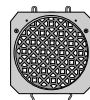


### Cookaloris

**Code: O1-57**

**Weight:** 2 oz (57 g)

Cut metal disk creates a soft shadow pattern to "break-up" flat backgrounds.

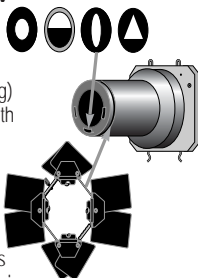


### Omni Narrow Snoot

**Code: O1-532**

**Weight:** 4 oz (114 g)

For more control with smaller diameter circular cutoff (2.25" diameter). Accepts Fren-L patterns as well as Pro-light barn doors & swing-in accessories.

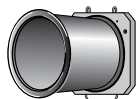


### Snoot

**Code: O1-53**

**Weight:** 4 oz (113 g)

Creates a reduced, soft-edged circle of light. Two joined by a Frame (O1-21), increases effect.



## Mounts

### Omni-stand

**Code: O1-33**

**Weight:** 2.6 lbs

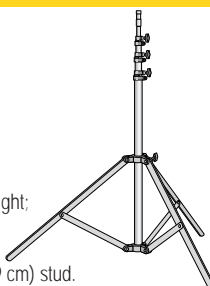
(1.2 kg)

**Size:** (2.74 m),

27" (69 cm) folded

Sturdy and lightweight; extends to 9'.

Collar clamping; standard 5/8" (1.59 cm) stud.



### Uni TO Stand

**Code: UN-55**

**Weight:** 2.6 lbs (1.2 kg)

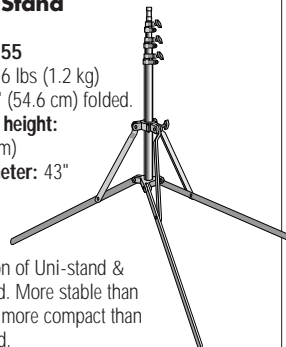
**Size:** 21.5" (54.6 cm) folded.

**Maximum height:**

7'11" (2.4 m)

**Base diameter:** 43"

New stand, based on design combination of Uni-stand & Omni-stand. More stable than Uni-stand, more compact than Omni Stand.



### Tota-clamp

**Code: T1-30**

**Weight:** 4 oz (113 g)

Clamps onto pipes and objects up to 1 7/8" (4.8 cm) thick.

5/8" (1.59 cm) stud locks in two positions and accepts a light. Two Flexi-shafts with Tota-flags can be attached.

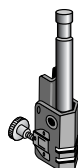


### Tota-daptor

**Code: T1-35**

**Weight:** 4 oz (113 g)

Stacks multiple Tota-flags; converts under-sized stands to 5/8" (1.59 cm). Also accepts two Flexi-shafts with Tota-flags or Flectors.

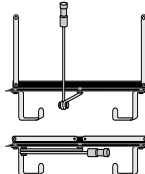


### Tota-mount

**Code: T1-32**

**Weight:** 10 oz (284 g)

Hangs on doortops, Gaffer-tapes to windows and most wall surfaces to support Tota, Omni and other small lights. Folds for storage.



### Scissor-mount (2)

**Code: CM-20**

**Weight:** 9 oz (250 g)

Attaches small lights and accessories to grid of dropped-ceilings in offices and other areas. (Set of 2).



### Lobo

**Code: F1-30**

**Weight:** 10 oz (284 g)

Attaches Lobo Arm to top or any part of a stand to make a miniature boom. Also mounts large umbrellas, flags, etc.



### Lobo Arm

**Code: F1-40**

**Weight:** 3 oz (85 g)

22" (55.9 cm) shaft with 5/8" (1.59 cm) stud. Extends, articulates and booms small lights, reflectors, etc.

### Safety Cable (3)

**Code: CM-50**

**Weight:** 2 oz (57 g)

**Size:** 34" (86.4 cm)

Braided stainless-steel cable adds security to lights and accessories that are attached to overhead pipes, beams, dropped-ceiling grids, etc. (Set of 3).



**For other Clamps, Booms, etc.,** see Mounts, section.

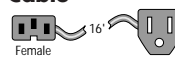
## Cables & Connectors

### 16' Tota/Omni Cable

**Code: T1-80**

**Weight:** 13 oz (369 g)

Standard #18/3; with switch.

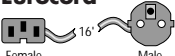


### 16' (5 m) Tota Eurocord

**Code: T1-801**

**Weight:** 13 oz (369 g)

#18/3 (.75 mm/3) with double pole switch and male CEE-7 plug.

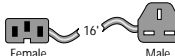


### 16' (5 m) Tota UK Cord

**Code: T1-802**

**Weight:** 13 oz (369 g)

#18/3 (.75 mm/3) with double pole switch and male fused BS 1363A plug.

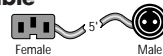


### 5' Omni 30v Cable

**Code: O1-81**

**Weight:** 7 oz (199 g)

#18/3; with switch and 2 pin "Amphenol Type" connector for batteries.



### Omni 12v Car Adaptor

**Code: O1-82**

**Weight:** 1 oz (28 g)

Connects T1-80 Cable to cigarette lighter connector.



### 10' Unswitched Cable

**Code: T1-808**

**Weight:** 1.1 lbs (.5 kg)

For portable stage lighting use. "Hard service" #18/3 cable.



## Variable Focus —120, 220/240v; 500-1000w

**Multi-use, tungsten halogen source.**

### Watts:

1000, 750, 500 at 120v.  
1000, 650, & 500 at  
220 & 240v.

**Peened, parabolic reflector provides**

non-crossover beam with axial filament orientation for improved shadow pattern and gel life.

### Focus range-8:1

with #1 reflector & FEL lamp.

**Quick-change, super-spot reflector**

for exceptionally long throws at all voltages.

### Tilting: 170°

no-yoke, constant-tension, one-handed tilting from straight up to almost straight down.

**Large cool knobs.**

### Protective front screen

must always be used.

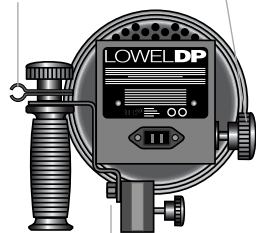


The DP is a long time Lowel workhorse. It's a powerful key, backlight or background light. Add an umbrella or diffusion for soft key or fill light, swap to the super-spot reflector for long throws, or customize it with a variety of other accessories. The DP is built for a long multi-use life.

Slot & lock for umbrella and gel-frame

Large cool focus knob

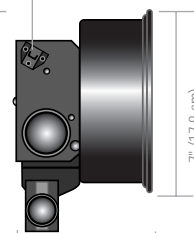
170° Constant tension no-yoke tilting. Large cool knobs.



8.75" (22.2 cm)

Flexi-shaft locks into mount to hold flags and flectors

8.25" (21 cm)



7" (17.8 cm)

5.25" (13.3 cm)

## Technical Data

### Weight with 16' cable:

3.6 lbs (1.6 kg)

### Weight less 16' cable:

2.8 lbs (1.3 kg)

### Max. wattage: 1000

Max. amperage: 8.3 at 120v

### Beam control:

continuously variable

### Fits on: 5/8" (1.59 cm) studs

Materials: primarily aluminum alloy

Cable: 16' (4.88 m) #16/3

### Switch: in-line, heavy-duty

U.S. Patent: D 210972



## Lamp/Beam Data



Lamp Code	Volts	Watts	°K	Avg Life	Foot Candles (Lux) at 10' (3 m)			
					Flood	Spot	Focus Range	Super Spot
EHC	120	500	3200	300 hr	43 (465)	390 (4200)	9:1	678 (7300)
EHD	120	500	3000	2000 hr	35 (375)	339 (3650)	10:1	743 (8000)
EHF	120	750	3200	300 hr	73 (780)	554 (5960)	8:1	892 (9600)
EHG	120	750	3000	2000 hr	70 (750)	390 (4200)	6:1	827 (8900)
FEL	120	1000	3200	300 hr	88 (950)	711 (7650)	8:1	1161 (12500)
JCV220V-500WBM	220	500	3000	2000 hr	43 (465)	242 (2600)	6:1	505 (5450)
FEP/220	220	1000	3200	150 hr	74 (795)	604 (6500)	8:1	1133 (12200)
JCV240V-500WBM	240	500	3000	2000 hr	45 (490)	218 (2350)	5:1	449 (4850)
FKR/230	230	650	3100	300 hr	61 (660)	381 (4100)	6:1	734 (7900)
FEP/240	240	1000	3200	150 hr	77 (825)	627 (6750)	8:1	1074 (11560)

## Performance

### With 120v, 1000w, 3200°K, FEL lamp

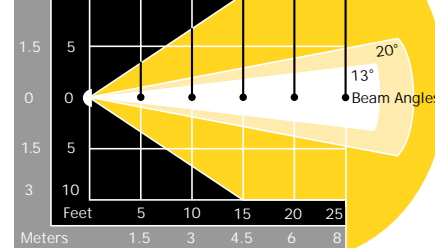
Foot Candles (Lux = foot candles x 10.8)

Flood 297 88 40 23 16

Spot 3066 711 307 166 109

Super Spot 5667 1161 604 334 209

with high intensity reflector



Beam angles-points at which intensity drops to 50% of maximum

## Lights &

### DP Light

**Code:** D2-10  
**Weight:** 3.9 lbs (1.77 kg)  
Supplied with Protective Screen, #1 Reflector, 16' (4.88 m) Cable with switch (less lamp).

### DP Light with lamp

**Code:** D2-101  
Same as above, but with 120v, 1000w FEL lamp.

### Reflectors

**Weight:** 2 oz (57 g)  
All switch in seconds without tools.

### #1 Reflector

**Code:** D2-15  
Standard, full focusing reflector with Lowel's peened, parabolic, non-crossover configuration.

### #3 Reflector

**Code:** D2-17  
Super-spot, fixed-focus, reflector has a narrow, high intensity beam for extremely long throws.

### DP Light Protective Screen

**Code:** D2-19  
**Weight:** 2 oz (57 g)  
Supplied with light and in kits. Max. wattage: 1000w. Protects against lamp explosion. Must always be used.

## Light Controls

### Complete Barndoor

**Code:** D2-20  
**Weight:** 1 lb (454 g)  
Barndoor Frame with two rectangular and two triangular leaves, all expandable. Rotates 360° and holds two accessories (dichroic, snoot, etc.).

### Barndoor Frame

**Code:** D2-21  
**Weight:** 4 oz (113 g)  
Same as above minus leaves. Holds two accessories.

### Rectangular Leaf

**Code:** D2-22  
**Weight:** 4 oz (113 g)  
Locks on frame with 1/4 turn instant release connector; has two expandable wings.

### Triangular Leaf

**Code:** D2-23  
**Weight:** 2 oz (57 g)  
Locks on frame with 1/4 turn instant release connector; has two expandable wings.

## Light Controls

### Diffused Glass

**Code:** D2-50  
**Weight:** 4 oz (113 g)  
Softens light; reduces intensity & contrast. Light loss 40%.

### Dichroic Filter

**Code:** D2-51  
**Weight:** 4 oz (113 g)  
Converts 3200°K to average daylight with light loss of 50%. Absorbs some U.V.

### Clear Glass

**Code:** D2-52  
**Weight:** 4 oz (113 g)  
Absorbs some U.V. with 5% light loss.

### Full Scrim

**Code:** D2-54  
**Weight:** 3 oz (85 g)  
Stainless steel screen reduces light one stop without diffusion or softening of contrast.

### Half Scrim

**Code:** D2-55  
**Weight:** 3 oz (85 g)  
Same as above covers half the light, rotates 360° to reduce light on any part of the subject that is too bright.

### Graduated Scrim

**Code:** D2-56  
**Weight:** 3 oz (85 g)  
Clear, single and double screen areas gradually reduce light intensity. Compensates for light fall-off on walls and subjects.

### Cookaloris

**Code:** D2-57  
**Weight:** 3 oz (85 g)  
Cut metal disk creates a soft shadow pattern to "break-up" flat, bland backgrounds.

### Snoot

**Code:** D2-53  
**Weight:** 6 oz (170 g)  
Creates a reduced, soft-edged circle of light. Two, joined by a Frame (D2-21), increase effect.

### DP Narrow Snoot

**Code:** D2-532  
**Size:** 5.5" length  
**Weight:** 6 oz (170 g)  
With smaller diameter circular cutoff (2.25" diameter), accepts Fren-L patterns as well as Pro-light barndoors & swing-in accessories.

### DP Frame

**Code:** D2-24  
**Weight:** 8 oz (227 g)  
Attaches directly to DP to hold gels 12" x 16" (30.5 x 40.6 cm). Permanent gel clips and adjustable support arm.

### Gels (4)

(Pkg of 4) 12 x 16" (30.5 x 40.6 cm) sheets. Day Blue (D2-70); ND 3 (D2-71); Frost (D2-72); Mixed (D2-78): 3 Day Blue 1 Frost, 1 ND 3.

### DP Gel File

**Code:** GF-15  
**Size:** 13.3 x 18" (33.8 x 45.7 cm)  
**Weight:** 14 oz (398 g)  
Accepts 12 x 16" gels for DP gel frame.

### DP Brella Standard/Silver

**Code:** D2-25  
**Size:** 41" (104 cm) open; 32.5" (82.6 cm) closed.  
**Weight:** 1.4 lbs (635 g)  
Slips directly into DP to convert it to a large soft light.

### Special/White

**Code:** D2-26  
Same as above with extremely soft, white reflective surface.

## Cables

### 16' Tota/Omni Cable

**Code:** T1-80  
**Weight:** 13 oz (369 g)  
Standard #18/3; with switch.

### 16' (5 m) Tota Eurocord

**Code:** T1-801  
**Weight:** 13 oz (369 g)  
#18/3 (.75 mm/3) with double pole switch and male CEE-7 plug.

### 16' (5 m) Tota UK Cord

**Code:** T1-802  
**Weight:** 13 oz (369 g) #18/3 (.75 mm/3) with double pole switch and Male fused BS 1363A plug.

### 10' Unswitched Cable

**Code:** T1-808  
**Weight:** 1.1 lbs (.5 kg)  
For portable stage lighting use. "Hard service" #18/3 cable.

## Mounts

### KS Jr. Stand

**Code:** DT-33  
**Maximum height:** 7'7" (2.3 m),  
**Collapsed length:** 2'4" (65 cm)  
**Weight:** 3.5 lbs (1.6 kg)  
Wide based, sturdy, lightweight stand with 5/8" (1.59 cm) stud, 3 sections and solid bar legs.

### KS Stand

**Code:** KS  
**Maximum height:** 9' (2.74 m),  
**Collapsed length:** 3' (91 cm)  
**Weight:** 4 lbs (1.8 kg)  
Wide based, sturdier, lightweight stand with 5/8" (1.59 cm) stud, 2 sections and tubular legs.

### KSA Stand

**Code:** KSA  
Same as above but black-anodized, air-cushioned stand.

### Uni Sr. Stand

**Code:** UN-66  
**Weight:** 3.3 lbs (1.5 kg)  
**Size:** 22.5" (57.2 cm) folded.  
**Maximum height:** 7' (2.2 m)  
**Base diameter:** 46"  
Based on design of Uni-stand & KS Jr. Stand. Collapses smaller than KS Jr. Collar clamping.

### Tota-clamp

**Code:** T1-30  
**Weight:** 4 oz (113 g)  
Clamps onto pipes, shelves, etc. up to 1 7/8" (4.78 cm) thick. 5/8" (1.59 cm) stud locks in two positions and accepts a light. Also accepts two Flexi-shafts with Tota-flags or Flectors.

### Safety Cable (3)

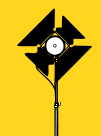
**Code:** CM-50  
**Weight:** 2 oz (57 g)  
Recommended for extra security when attaching DP lights overhead. (Set of 3).

### Missing Link

**Code:** ML-10  
**Weight:** 6 oz (170 g)  
Versatile clamp with double articulating female fitting increases flexibility when positioning small lights, flags, etc. Used with Double Male Stud (K1-11). Also available with large or small stud mounted spring clamps.



## Variable Focus Fresnel — 120 & 220/240v; 300–650w



**In the studio or on location, for those who love the beautiful light quality of a fresnel, there is simply no better choice than the Lowel Fren-L 650.**

**With an impressive 8:1 focusing range,**

it glides from an exceptionally wide even flood to a tight spot with sharp shadow quality.

**Designed with input from working professionals,** the Fren-L 650

features an oversized swing down handle, a pop-up scrim holder for easier access, double walled convection cooling, and a single arm stand-fitting yoke for a generous tilting range without the cable snarl.

**Multi-use, tungsten halogen source**

**Watts:**

650, 500, 300 at 120v & 220/250 volts.

**Highest quality** curved Schott fresnel lens (Borosilicate glass).

**Focus range–8:1** with FRK lamp.

**From wide, smooth** flood to tight, intense spot with excellent edge modulation & control.

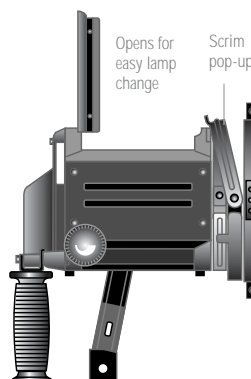
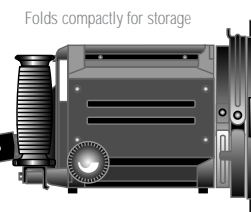
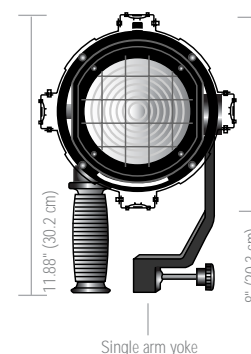
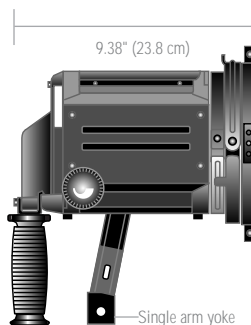
**Rack and pinion** lamp carriage glides on ball bearings for smooth focusing.

**Captive barndoor/** accessory holder rotates 360°.

**Expandable,** instantly removable barndoor leaves.

**Compatible with** many VIP, Tota/Omni & DP control and mounting accessories. Rugged skeletal substructure under double walls.

**Unique scrim** pop-up lever.



## Technical Data

**Weight less cable & barndoors:** 6 lbs (2.7 kg)  
**With cable & barndoors:** 7.7 lbs (3.48 kg)  
**Max. wattage:** 650  
**Max. amperage:** 5.4 at 120v

**Lens:** curved Schott 4.72" (120 mm)  
**Beam control/focus range:** continuously variable, 8:1  
**Fits on:** 5/8" (1.59 cm) stud

**Materials:** primarily aluminum and steel  
**Cable:** removable 16' (4.88 m) #18/3  
**Switch:** in-line  
**U.S. Patent:** D 388, 525



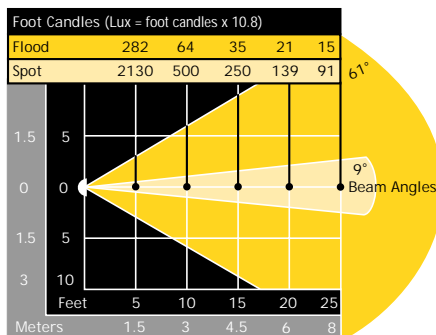
## Lamp/Beam Data



Lamp Code	Volts	Watts	°K	Avg Life	F.C. (lux) at 10' (3 m)		
					Flood	Spot	Focus Range
FRK	120	650	3200	150 hr	64 (691)	500 (5400)	8:1
FRG	120	500	3200	150 hr	52 (562)	421 (4547)	8:1
FKW	120	300	3200	150 hr	29 (313)	250 (2700)	8:1
FSL	220/30	300	3200	150 hr	28 (310)	296 (3200)	10:1
FSK	240/50	300	3200	150 hr	26 (285)	241 (2600)	9:1
FRH	220	500	3200	150 hr	58 (630)	412 (4450)	7:1
FRJ	240	500	3200	150 hr	50 (545)	380 (4100)	7:1
FRL	220	650	3200	150 hr	64 (690)	449 (4850)	7:1
FRM	240	650	3200	150 hr	72 (780)	505 (5450)	7:1

## Performance

**With 120v, 650w, 3200°K, FRK lamp**



Beam angles–points at which intensity drops to 50% of maximum



## Light &

### Fren-L 650 Complete

**Code:** FR1-10  
**Weight:** 7.7 lbs (3.5 kg)

With barndoor holder, 4 exp. doors (FR1-20), Gel-brella bracket (FR1-25), cable (T1-80), (less lamp).

### Fren-L 650 with lamp

**Code:** FR1-101  
same as above but with 120v, 650w FRK lamp.

### Fren-L 650 Only

**Code:** FR1-11  
**Weight:** 7.25 lbs (3.3 kg)  
With barndoor holder (no leaves) & cable (T1-80), (less lamp).



## Light Controls

### Triangular & Rectangular Barndoor Leaves (2 of each)

**Code:** FR1-20  
**Weight:** 9.5 oz (266 g)  
Triangular barndoor leaf variable from triangle to square shape. Rectangular leaf has 2 expandable wings. Both lock on frame with 1/4 turn quick release connectors.



### Rectangular leaf (1)

**Code:** FR1-22  
**Weight:** 3 oz (84 g)

### Triangular leaf (1)

**Code:** FR1-23  
**Weight:** 2 oz (56 g)

### Gel-jawz (8)

**Code:** CL-15  
**Weight:** 2 oz (56 g)  
Package of eight clips. Attach to barndoor leaves to hold gels.



### Gel-brella & Flexi-shaft Bracket

**Code:** FR1-25  
**Weight:** 2.5 oz (70 g)  
Screws into Fren-L side wall allowing attachment of Tota-frame or Tota-brella.



### Snoot

**Code:** FR1-53  
**Weight:** 7 oz (196 g)  
With 2.25" diameter circular cutoff. Accepts Fren-L patterns as well as Pro-light barn doors & swing-in accessories.



### Full scrim

**Code:** FR1-54  
**Weight:** 1 oz (28 g)  
Stainless-steel pop-in screen reduces light by approximately one stop.



## Light Controls

### Half scrim

**Code:** FR1-55  
**Weight:** 1 oz (28 g)  
Stainless-steel pop-in screen covers half of the light and rotates 360° to reduce the light on any part of the subject or background that is too bright.



### Graduated scrim

**Code:** FR1-56  
**Weight:** 1 oz (28 g)  
Stainless-steel pop-in screen gradually reduces light intensity. Compensates for light fall-off on walls and subjects. Rotates 360°.



### Set of 3 snoot patterns



**Code:** FR1-58  
**Weight:** .5 oz (14 g)  
Aluminum discs with centered pattern cutouts (1 oval, 1 triangle, 1 circle) fit into snoot front to further shape light beam.

### ViP Light Controls for Snoot

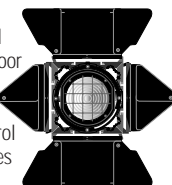
The Lowel Pro and i-light Barndoor Frame can be attached to the Snoot groove and rotated. One or more doors can be clipped onto the Frame to modify the beam shape. A Pro and i-light Swing-in Accessory Holder can be mounted on the Frame, and a Diffused Glass, Dichroic Filter or Scrim can be inserted.



### See ViP Light Controls.

### DP Barndoor Alternatives

The Lowel DP Barndoor Frame and its light control accessories can be mounted on, and rotated with, the Fren-L Barndoor Frame. DP Barndoor accepts DP Snoot, Scrims and Dichroic filter. Lowel DP Barndoor leaves only, can be used directly on Fren-L frame, however, Gel frame can not be used with DP Barndoors attached.



### See DP Light Controls.

### Tota/Omni Light Controls

The following Tota/Omni light controls can be attached to the Fren-L 650 using the accessory Gel-brella Bracket. For additional information, see Tota/Omni Light Controls.

**Tota-brella (Standard/Silver)**  
**Code:** T1-25

**Tota-brella (Special/White)**  
**Code:** T1-26

**Tota-frame**  
**Code:** T1-20

**Tota Gels (5)**  
**Code:** Varies with gel

**Flexi-shaft (2)**  
**Code:** T1-50

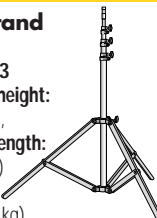
**Tota-flag**  
**Code:** T1-52

**Tota-flector**  
**Code:** T1-54

## Mounts

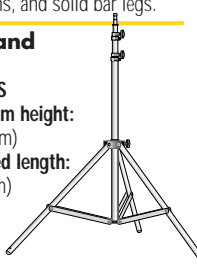
### KS Jr. Stand

**Code:** DT-33  
**Maximum height:** 7'7" (2.3 m)  
**Collapsed length:** 2'4" (65 cm)  
**Weight:** 3.5 lbs (1.6 kg)  
Wide based, sturdy, lightweight stand with 5/8" (1.59 cm) stud, 3 sections, and solid bar legs.



### KS Stand

**Code:** KS  
**Maximum height:** 9' (2.74 m)  
**Collapsed length:** 3' (91 cm)  
**Weight:** 4 lbs (1.8 kg)  
Wide based, sturdier, lightweight stand with 5/8" (1.59 cm) stud & tubular legs.

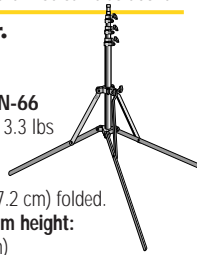


### KSA Stand

**Code:** KSA  
Black-anodized, air-cushioned stand. Otherwise same as above.

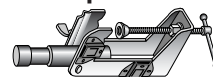
### Uni Sr. Stand

**Code:** UN-66  
**Weight:** 3.3 lbs (1.5 kg)  
**Size:** 22.5" (57.2 cm) folded.  
**Maximum height:** 7' (2.2 m)  
**Base diameter:** 46"  
Based on design of Uni-stand & KS Jr. Collapses smaller than KS Jr. Collar clamping.



## Mounts

### Tota-clamp



**Code:** T1-30  
**Weight:** 4 oz (113 g)  
Clamps onto pipes and objects up to 1 7/8" (4.8 cm) thick. 5/8" (1.59 cm) stud locks in two positions and accepts a light. Two Flexi-shafts with Tota-flags can be attached.

### Safety Cable (3)



**Code:** CM-50  
**Weight:** 2 oz (57 g)  
**Size:** 34" (86.4 cm)  
Braided stainless-steel cable adds security to lights and accessories that are attached to overhead pipes, beams, dropped-ceiling grids, etc. (Set of 3).

### Cable Clips (10)

Reusable quick release cable fasteners.

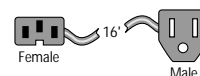
K4CC Pkg of 10

KCC Pkg of 40

**For other Clamps, Booms, etc,**  
see Mounts section.

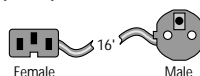
## Cables

### 16' Tota/Omni Cable



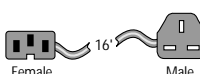
**Code:** T1-80  
**Weight:** 13 oz (369 g)  
Standard #18/3; with switch.

### 16' (5 m) Tota Eurocord



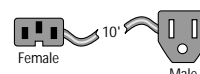
**Code:** T1-801  
**Weight:** 13 oz (369 g)  
#18/3 (.75 mm/3) with double pole switch and male CEE-7 plug.

### 16' (5 m) Tota UK Cord

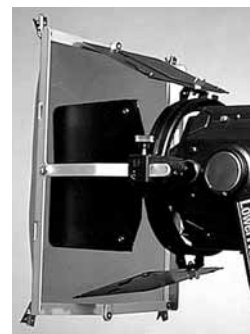


**Code:** T1-802  
**Weight:** 13 oz (369 g)  
#18/3 (.75 mm/3) with double pole switch and male fused BS 363A plug.

### 10' Unswitched Cable



**Code:** T1-808  
**Weight:** 1.1 lbs (.5 kg)  
For portable stage lighting use. "Hard service" #18/3 (.75 mm/3) cable.



## L-light — Screw-base MR-16 Tungsten Halogen & Reflector Lamps —120v

The tiny L-light is an easy to hide accent light, a quick kicker, a discreet backlight or, with diffusion, a subtle fill.

With a variety of mounting & accessory options, it's the perfect answer for those situations where a small, versatile light is needed.



Uses any standard Edison (med. E-26) screw-in base lamp, including our special screw-threaded MR-16.

**Watts:** Reflector lamps—up to 300 at 120v.

**Light controls:** clip-on barndoors, umbrella, gels and glass accessories.

**Compatible with:** many VIP and Tota accessories. Barndoors can control lamps up to R-20 in size.

**2 Mounting options:** Stand-link version (shown) mounts on stands, stud clamps, booms, Scissor-mounts, etc.

**Home-plate™ version** allows attachment to poles, stands, 2 x 4's, etc., plus floors walls & other vertical surfaces with Gaffer-tape.

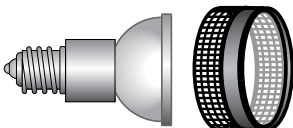
**Stores compactly** with a lamp and barndoors attached.

**Updated with IEC connector AC Cable.**

### Recommended Lamp/Beam Data

Lamp Code	Volts	Watts	°K	Mfr's Avg Life	Foot Candles (Lux) at 10' (3 m)	Beam Angle
L1-100F	120	100	3200	2000 hr	25 (258)	40°
L1-100S	120	100	3000	2000 hr	28 (288)	13°

MR-16, Medium base, screw in, wide angle flood (L1-100F) and narrow-angle spot (L1-100S) lamps.



MR-16 lamps must always be used with an MR-16 glass accessory.

### Technical Data

#### Weight:

**With 34" captive cable:** 13 oz (368 g)

**With 16' switched cable:** 2 lbs. (.9 kg)

**Max. wattage:** 300

**Max. amperage:** 2.5

**Materials:** aluminum, steel and porcelain

**Switch:** on 16' #18/3 cable

**U.S. Patents:** 3088024, 3179366, 3140053

**Halogen lamps:** medium-base (E26) MR-16 Halogen, & others



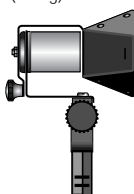
## Lights &

### L-light with Stand-link

**Code:** L2-10

**Weight:** 1.7 lbs (770 g)

With 16' switched #18/3 T1-80 cable to extend captive 34" IEC connector cable, (less lamp).



### L-light with Stand-link & Lamp

**Code:** L2-101

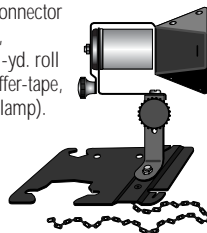
Same as above but with 120V 100w flood lamp (L1-100F) and Clear Glass w/ Holder (L1-52H).

### L-light with Home-plate™

**Code:** L2-15

**Weight:** 1 lb 14.5 oz (865 g)

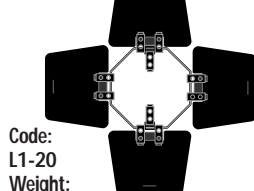
With 16' switched #18/3 T1-80 cable to extend captive 34" IEC connector cable, and 3-yd. roll of Gaffer-tape, (less lamp).



L-light uses any standard Edison (med. E-26) screw-in base lamp, including our special screw-threaded MR-16.

## L-light Light Controls

### 4-way Clip-on Barndoor

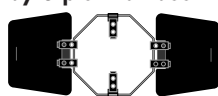


**Code:** L1-20

**Weight:** 4 oz (113 g)

Frame with four removable leaves. For use with R-20 and smaller lamps.

### 2-way Clip-on Barndoor



**Code:** L1-25

**Weight:** 3 oz (85 g)

Same as above, except with only two removable leaves. Accepts VIP Swing-in Accessory Holder and/or up to four Clip-on Barndoor leaves.

### Clip-on Barndoor Frame (no leaves)

**Code:** L1-21

**Weight:** 1.5 oz (40 g)

Frame only. Accepts VIP Swing-in Accessory Holder and/or up to four Clip-on Barndoor leaves.

### Clip-leaf (only)

**Code:** iP-24

**Weight:** 1 oz (28 g)

Single Clip-on Barndoor. Fits onto Barndoor Frame (L1-21).



### MR-16 Clip-on Holder Accessories

**Weight:** 2 oz (57 g)

### Clear Glass in Holder

**Code:** L1-52H

Attaches to rim of halogen MR-16 lamps. Absorbs some U.V. with 5% light loss.



### Diffused Glass in Holder

**Code:** L1-50H

Attaches to rim of halogen MR-16 lamps. Softens light; reduces intensity and contrast. Light loss: approx. 50%.



### Dichroic Filter in Holder

**Code:** L1-51H

Attaches to rim of halogen MR-16 lamps. Converts tungsten to approx. average daylight. Light loss: approx. one stop.



### ViP Swing-in Accessory Holder



**Code:** iP-30

**Weight:** 1 oz (28 g)

Attaches onto Barndoor Frame to accept glass accessories and scrims. Also used for Pro and i-lights. (See ViP System)

### Diffused Glass With Swing-in Holder

**Code:** iP-50H

Softens light, reduces intensity. Light loss: approx. 50%.

### Dichroic Filter With Swing-in Holder

**Code:** iP-51H

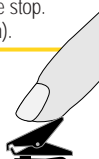
Converts tungsten to approx. average daylight. Light loss: approx. one stop. Diameter: 2.7" (6.9 cm).

### Gel-jawz (8)

**Code:** CL-15

**Weight:** 2 oz (56 g)

Package of eight clips. Attach to barndoor leaves to hold gels. Use two per light.

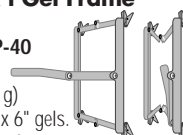


### Pro & i Gel Frame

**Code:** iP-40

**Weight:** 2 oz (56 g)

Holds 5 x 6" gels. Collapses for storage like Tota-frame.



### Pro & i Gels (5)

**Size:** 5 x 6" (12.52 x 15.25 cm)

sheets (Pkg of 5)

Day Blue (iP-70);

ND 3 (iP-71);

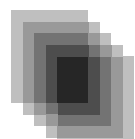
Frost (iP-72);

Assorted—

3 Day Blue,

1 Frost,

1 ND 3 (iP-78).



### Tota-brella Standard/Silver



**Code:** T1-25

**Weight:** 8 oz (227 g)

**Size:** 27" (68.6 cm) open, 19" (48.3 cm) closed.

Slips into L-light mounting bracket to create a softlight.

### Special/White

**Code:** T1-26

Same as above with extremely soft, white reflective surface.

### Uni-stand

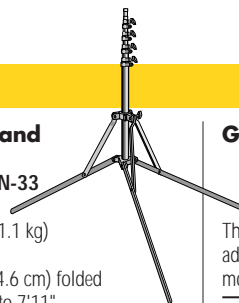
**Code:** UN-33

**Weight:** 2.4 lbs (1.1 kg)

**Size:** 21.5" (54.6 cm) folded

Extends to 7'11".

All aluminum stand, wide base, legs can lie flat to floor, large locking knobs. Folds compactly to fit in smaller kits.



### Stand-link

**Code:** ViP-39

**Weight:** 2 oz (56 g)

Rugged metal Stand-link mounts L-light on 5/8" and smaller studs on stands, clamps, handles and Scissor-mounts. Supplied with L2-10.



### Home-plate™



**Code:** L1-32

**Weight:** 4 oz (113 g)

Balances L-light (and ViP lights) on floors and other surfaces; mounts L-light on pipes and stands, behind moldings and, with Lowel Gaffer-tape, to windows and some walls. Supplied with L2-15.

### Tota-clamp

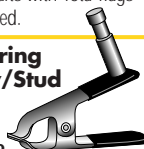


**Code:** T1-30

**Weight:** 4 oz (113 g)

Clamps onto pipes and objects up to 1 7/8" (4.8 cm) thick. 5/8" (1.59 cm) stud locks in two positions and accepts a light. Two Flexi-shafts with Tota-flags can be attached.

### Small Spring Clamp w/Stud



**Code:** ML-12

**Weight:** 3.5 oz (99 g)

5/8" stud mounted versatile spring clamps.

### Large Spring Clamp w/Stud

**Code:** ML-13

**Weight:** 6.5 oz (185 g)

## Mounts

### Gaffer-tape



The highest quality, cloth-backed adhesive tape attaches Lowel mounts to windows and walls.

**12 yd roll**

**Code:** GT-12

**Weight:** 8 oz (227 g)

**30 yd roll**

**Code:** GT-30

**Weight:** 1.25 lbs (567 g)

### Other Mounts

**Scissor Mount (2)**

**Code:** CM-20

**Lobo Arm & Lobo**

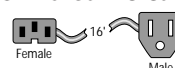
**Code:** F1-41

**For more Mounts:**

see Mounts section.

## Cables

### 16' Switched AC Cable

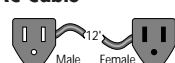


**Code:** T1-80

**Weight:** 13 oz (369 g)

Standard #18/3; with IEC connector & switch, supplied with updated L-lights (4/2003) to extend its 34" captive cable.

### 12' AC Cable

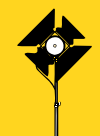


**Code:** L1-80

For pre-updated L-lights (pre-4/2003). 12' switched #18/3 cable extends L-light's captive cable. Do not use as a general-purpose extension cable.



**Collapsible Softlight — 12/14, 30, 120/240v; 50—1000w**



**Creating beautiful soft key or fill light doesn't**

have to be strenuous or time consuming. Compact, lightweight, & self-contained, the Rifa-lite uses a simple design approach as old as the umbrella to achieve its quick & easy setup and strike capabilities.

**Bathe almost anything, from talking heads to table-top stills,**

in luxurious almost fool-proof soft light. It's the perfect complement to today's compact, light-sensitive, digital cameras & filmstocks.

**Permanently mounted tungsten halogen**

lamp fixture, centered in collapsible silver aluminized high temperature Nomex® housing.

**4 light-efficient models:**

Max. 300, 500, 750 & 1000w.

**State of the art woven**

glass fabric front diffuser offers exceptional heat resistance. Front diffuser must always be used.

**Easy access pockets**

on fabric shell allow clip-on gel attachment for correcting to daylight.

**Light controlled with**

fold-up accessory fabric Egg Crates.

**Accessories include**

fabric Egg Crates, Balance Bar for more versatile positioning, plus many standard Lowel mounting accessories.



**1 minute set-up time**

**Unlike common, inefficient soft boxes that must first be assembled and then attached to a light**

as an accessory, the Rifa is both light and soft box combined. Rifa-lites can easily go from carry bag to stand, fully set up, in 1 minute or less.



Remove from bag & place on stand.



Pushing in lamp fixture quickly opens shell.



Shell fully opens & locks into place.



Attach diffuser, plug it in & power it up.

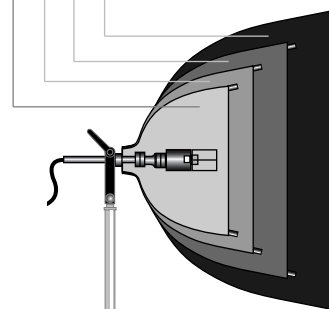
**Technical Data**

LC-44 – 16 x 16" (40 x 40 cm)

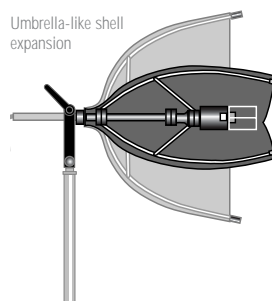
LC-55 – 21 x 21" (53 x 53 cm)

LC-66 – 25 x 25" (63.5 x 63.5 cm)

LC-88 – 32 x 32" (81 x 81 cm)



Umbrella-like shell expansion



**LC-44**

Collapsed length: 21" (53 cm)

Front size: 16 x 16" (40 x 40 cm)

Max. wattage: 300

Max. amperage: 2.5 at 120v

Weight: 2.1 lbs (1 kg) w/ 4' capt. cable

**LC-55**

Collapsed length: 24" (61 cm)

Front size: 21 x 21" (53 x 53 cm)

Max. wattage: 500

Max. amperage: 4.2 at 120v

Weight: 2.5 lbs (1.1 kg) w/ 4' capt. cable

**LC-66**

Collapsed length: 30" (76 cm)

Front size: 25 x 25" (63.5 x 63.5 cm)

Max. wattage: 750

Max. amperage: 6.25 at 120v

Weight: 3.5 lbs (1.6 kg) w/ 4' capt. cable

**LC-88**

Collapsed length: 34" (86 cm)

Front size: 32 x 32" (81 x 81 cm)

Max. wattage: 1000

Max. amperage: 8.3 at 120v

Weight: 4.5 lbs (2 kg) with 4' capt. cable

U.S. Patent: 459645





## Lamp/Beam Data



Lamp Code	Volts	Watts	°K	Avg Life	FC(lux)5'	FC(lux)10'
<b>LC-44 – Maximum 300w</b>						
JCV14.5-50WC	12/14	50	3200	100 hr	9 (96)	2 (21)
GCC	12	100	3200	100 hr	10 (103)	3 (28)
GCB	30	200	3200	100 hr	26 (280)	7 (74)
FSH	120	125	3200	100 hr	15 (162)	4 (44)
FVM	120	105	3200	250 hr	16 (170)	5 (48)
FVL**	120	200	3200	200 hr	30 (320)	9 (92)
GCA	120	250	3200	100 hr	39 (420)	11 (120)
CP/96*	120	300	3400	75 hr	61 (663)	16 (177)
GLF/P44	230	235	3200	100 hr	38 (406)	10 (110)
CP/97*	230	300	3200	75 hr	58 (629)	16 (171)
<b>LC-55 – Maximum 500w</b>						
EHC	120	500	3200	300 hr	72 (774)	20 (214)
EHD	120	500	3000	2000 hr	56 (608)	17 (166)
JCV 220V-500WBM	220	500	3000	2000 hr	67 (724)	18 (197)
JCV 240V-500WBM	240	500	3000	2000 hr	61 (657)	17 (182)
<b>LC-66 – Maximum 750w</b> (May also use lamps for LC-55)						
EHF	120	750	3200	300 hr	107 (1161)	30 (326)
EHG	120	750	3000	2000 hr	92 (990)	25 (274)
FKR/230	230	650	3200	300 hr	88 (950)	25 (266)
<b>LC-88 – Maximum 1000w</b> (May also use lamps for LC-66)						
FEL	120	1000	3200	300 hr	189 (2040)	53 (574)
FEP/220	220	1000	3200	150 hr	178 (1920)	53 (567)
FEP/240	240	1000	3200	150 hr	161 (1740)	45 (490)

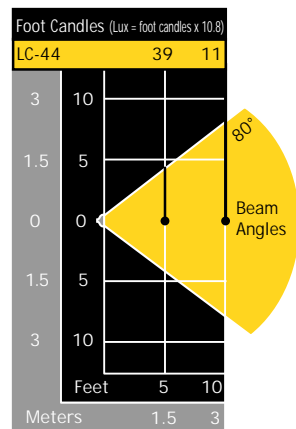
\* Different lamp base, Rifa-44 socket accepts this base.

\*\* Longer life lamp recommendation (slightly lower wattage).

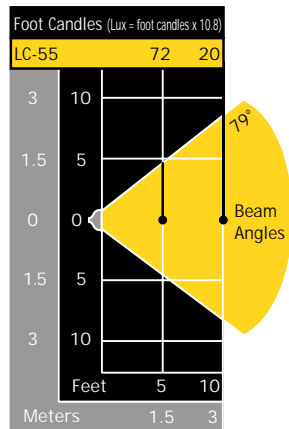
## Performance

Beam angles—points at which intensity drops to 50% of maximum

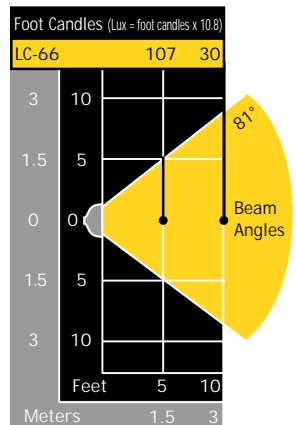
LC-44 with 120v, 250w, 3200°K, GCA lamp



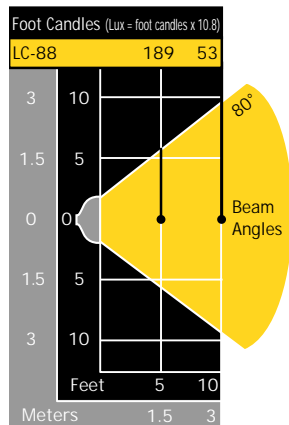
LC-55 with 120v, 500w, 3200°K, EHC lamp



LC-66 with 120v, 750w, 3200°K, EHF lamp



LC-88 with 120v, 1000w, 3200°K, FEL lamp



## Light &

### Rifa-lite 44



**Code: LC-44**

**Size:** 16 x 16" (40 x 40 cm),

21" (53 cm) collapsed

**Weight with 4' captive cable:**

2.1 lbs (1 kg)

With 4' captive cable, 16' switched #18/3 extending power cord (T1-80), light diffuser (LC-44D) and carrying sleeve. Less Lamp.

### Rifa-lite 44 with lamp

**Code: LC-441**

Same as above but with 120v,

250w GCA lamp.

### Rifa-lite 55



**Code: LC-55**

**Size:** 21 x 21" (53 x 53 cm),

24" (61 cm) collapsed

**Weight with 4' captive cable:**

2.5 lbs (1.1 kg)

With 4' captive cable, 16' switched #18/3 extending power cord (T1-80), light diffuser (LC-55D) and carrying sleeve. Less lamp.

### Rifa-lite 55 with lamp

**Code: LC-551**

Same as above but with 120v,

500w EHC lamp.

### Rifa-lite 66



**Code: LC-66**

**Size:** 25 x 25" (63.5 x 63.5 cm),

30" (76 cm) collapsed

**Weight with 4' captive cable:**

3.5 lbs (1.6 kg)

With 4' captive cable, 16' switched #18/3 extending power cord (T1-80), diffuser panel (LC-66D) and carrying sleeve. Less lamp.

### Rifa-lite 66 with lamp

**Code: LC-661**

Same as above but with 120v,

750w EHF lamp.

### Rifa-lite 88



**Code: LC-88**

**Size:** 32 x 32" (81 x 81 cm),

34" (86 cm) collapsed

**Weight with 4' captive cable:**

4.5 lbs (2 kg)

With 4' captive cable, 16' switched #18/3 extending power cord (T1-80), light diffuser (LC-88D) and carrying sleeve. Less lamp.

### Rifa-lite 88 with lamp

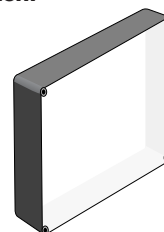
**Code: LC-881**

Same as above but with 120v,

1000w FEL lamp.

## Light Controls

### Replacement Diffusers



Standard light diffuser replacements for all 3 models of Rifa-lite. Diffuser must always be used to protect against lamp explosion.

#### For LC-44

**Code: LC-44D**

**Size:** 16 x 16" (40 x 40 cm)

**Weight:** 6 oz (190 g)

#### For LC-55

**Code: LC-55D**

**Size:** 21 x 21" (53.3 x 53.3 cm)

**Weight:** 8 oz (227 g)

#### For LC-66

**Code: LC-66D**

**Size:** 25 x 25" (66 x 66 cm)

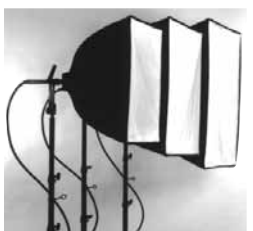
**Weight:** 10 oz (280 g)

#### For LC-88

**Code: LC-88D**

**Size:** 32 x 32" (81.3 x 81.3 cm)

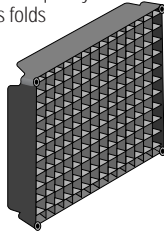
**Weight:** 12 oz (380 g)



## Light Controls

### Fabric Egg Crates

For better light control. Each Egg Crate attaches quickly and afterwards folds up to be stored in its own small light-weight bag.



#### 30° x 30° Egg Crate

Fabric Egg Crate with 30° dispersion angle.

##### 30° Egg Crate for LC-44

Code: LC-44EC/30

Weight: 8 oz (228 g)

##### 30° Egg Crate for LC-55

Code: LC-55EC/30

Weight: 9.5 oz (266 g)

##### 30° Egg Crate for LC-66

Code: LC-66EC/30

Weight: 12.5 oz (345 g)

##### 30° Egg Crate for LC-88

Code: LC-88EC/30

Weight: 1 lb (448 g)

#### 40° x 40° Egg Crate

Fabric Egg Crate with 40° dispersion angle.

##### 40° Egg Crate for LC-44

Code: LC-44EC/40

Weight: 7 oz (196 g)

##### 40° Egg Crate for LC-55

Code: LC-55EC/40

Weight: 7.5 oz (210 g)

##### 40° Egg Crate for LC-66

Code: LC-66EC/40

Weight: 9.5 oz (266 g)

##### 40° Egg Crate for LC-88

Code: LC-88EC/40

Weight: 12 oz (336 g)

#### 50° x 50° Egg Crate

Fabric Egg Crate with 50° dispersion angle.

##### 50° Egg Crate for LC-44

Code: LC-44EC/50

Weight: 9 oz (250 g)

##### 50° Egg Crate for LC-55

Code: LC-55EC/50

Weight: 10 oz (280 g)

##### 50° Egg Crate for LC-66

Code: LC-66EC/50

Weight: 12 oz (336 g)

##### 50° Egg Crate for LC-88

Code: LC-88EC/50

Weight: 14 oz (392 g)

### Rifa Daylight Gel Sets

For correcting Rifas to mix with varying strengths of daylight, they attach to Rifa's velcro pockets with clothespins. Each set contains 3 sheets: Day Blue; 1/2 Blue; & 1/4 Blue (1 sheet each).

#### For LC-44

Code: LC-47

Size: 23 x 16" (58.4 x 40.6 cm)

#### For LC-55

Code: LC-57

Size: 29 x 22" (73.7 x 56 cm)

#### For LC-66

Code: LC-67

Size: 33 x 26" (84 x 66 cm)

#### For LC-88

Code: LC-87

Size: 39 x 32" (99 x 81.3 cm)

## Mounts

### Uni TO Stand

Code: UN-55

Weight: 2.6 lbs (1.2 kg)

Size: 21.5"

(55.2 cm) folded.

Maximum height:

7' (2.2 m)

Base diameter: 46"

New stand, based on design combination of Uni-stand & Omni-stand. More stable than Uni-stand, more compact than Omni-stand. For Rifa 44.

### KS Jr. Stand

Code: DT-33

Size: Maximum height:

7'7" (2.3 m),

Collapsed length: 2.3' (65 cm)

Weight: 3.5 lbs (1.6 kg)

Wide based, sturdy, lightweight stand with 5/8" (1.59 cm) stud and solid bar legs. For Rifa 44, 55, 66.

## Mounts

### KS Stand



Code: KS

Size: Maximum height: 9' (2.74 m), Collapsed length: 3' (91 cm)

Weight: 4 lbs (1.8 kg)

Wide based, sturdier, lightweight stand with 5/8" (1.59 cm) stud. For all 4 Rifas.

### KSA Stand

Code: KSA

Black-anodized, air-cushioned stand. Otherwise same as above.

### Balance Bar



Code: LC-30

Size: 12.5" (31.8 cm)

Weight: 6.5 oz (184 g)

The Rifa Balance Bar is an extension arm accessory that mounts between the Rifa-lite and its stand fitting (models 55, 66, & 88). When installed, it effectively changes the Rifa's center of gravity to facilitate angling and tilting of the light when necessary, such as on a boom arm, without the need to overtighten the stand fitting knob.

### Tota-clamp

Code: T1-30

Weight: 4 oz (113 g)

Clamps onto pipes, shelves, etc. up to 1 7/8" (4.78 cm) thick. 5/8" (1.59 cm) stud locks in two positions and accepts a light. Also accepts two Flexi-shafts with flags or flectors.

### Safety Cable (3)



Code: CM-50

Weight: 2 oz (57 g)

Recommended for extra security when attaching Rifa-lites overhead. (Set of 3).

### Cable Clips (10)



Reusable quick release cable fasteners.

Code: K4CC (Pkg of 10)

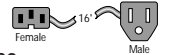
Code: KCC (Pkg of 40)

### For more mounts:

see Mounts section.

## Cables

### 16' Switched AC Cable

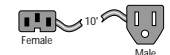


Code: T1-80

Weight: 13 oz (369 g)

Standard #18/3; with switch.

### 10' Unswitched Cable

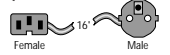


Code: T1-80B

Weight: 1.1 lbs (.5 kg)

For portable stage lighting use. "Hard service" #18/3 cable.

### 16' (5 m) Eurocord



Code: T1-801

Weight: 13 oz (369 g)

#18/3 (.75 mm/3) with double pole switch and male CEE-7 plug.

### 16' (5 m) T/O UK Cord



Code: T1-802

Weight: 13 oz (369 g)

#18/3 (.75 mm/3) with double pole switch and male fused BS 1363A plug.

### 5' Omni 30v Cable



Code: O1-81

Adapts Rifa-44 for use with 30 volt battery #18/3; with switch and 2 pin "Amphenol Type" connector for batteries.

### 4-pin XLR Switched Cable



Code: R2-82

Adapts the Rifa-44 or use with appropriate 12 volt batteries. No wiring required.

### 1' 12v Switched Cigarette Lighter/Car Adaptor Cable



Code: R2-85

Adapts Rifa 44 IEC Connector for use with some 12 volt batteries and automobile cigarette lighter sockets. No wiring required.

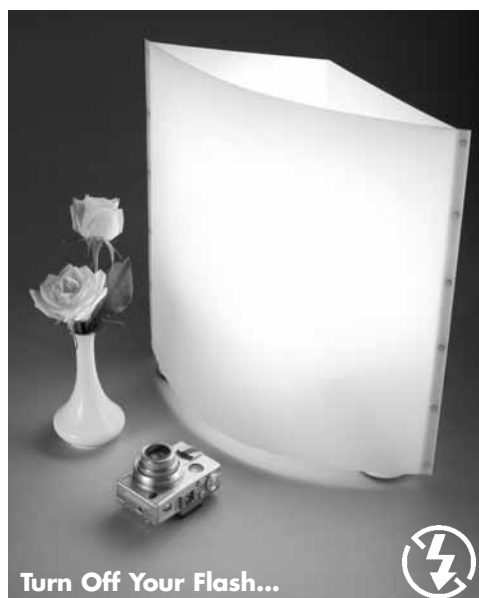
### 12v Car Adaptor



Code: O1-82

Connects T1-80 Cable to cigarette lighter connector. For Rifa 44 only.

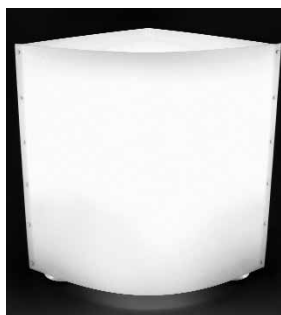
## Tabletop Daylight Fluorescent —120 or 240v



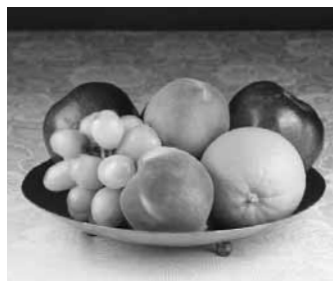
Turn Off Your Flash...

**Fast, Simple, Beautiful. Now, Anyone Can Easily Create Great Looking Tabletop Images & More.**

Lowel Ego makes beautiful tabletop pictures a breeze to light. With no prior experience, you can quickly & easily create professional results. Shoot pictures that have depth, subtlety of shading, and character.



## Perfect for:



- Digital tabletop photos for collectors, sellers, arts & crafts, desktop publishing
- DV talking heads & digital still portraits
- Webcam desktop video conferencing

## Technical Data

**Size:** 16.5 x 16.5 x 8"  
**Weight:** 2.85 lbs (1.3 kg)  
 w/lamps  
**Lamp voltage:** 120v  
 AC/60Hz, 220v AC /60Hz  
 (CE model)



## Lamps

Lowel Ego foot candle readings with supplied lamps F.C. (lux)

1'	2'	3'	4'	5'
242 (2615)	83 (895)	40 (429)	25 (266)	16 (175)

## Features



**Lowel Ego uses two custom 27 Watt "full spectrum" screw-in fluorescent lamps,** with an average life of 8,000 – 10,000 hours. Their daylight color output has a high color rendering index of 90+, for more accurate colors than conventional fluorescent lamps.

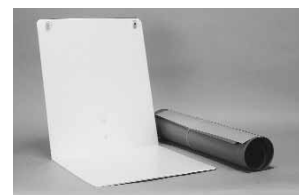
Each lamp has an output roughly equivalent to a 100 Watt standard incandescent light bulb. Instant start, flicker free. NOT DIMMABLE



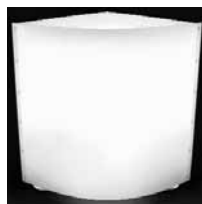
**For increased versatility,** the Lowel Ego has a 1/4-20 screw thread in the base of the fixture to allow mounting the light on any conventional tabletop or full sized tripod.



**The accessory Lowel Ego-sweep** comes with a generous selection of paper colors, sets up quick, and gives your shots a smooth & elegant seamless background.



## Light &



### Complete Lowel Ego

**Code:** E1-10  
**Code:** E1-10E (CE 220/240v)  
**Weight:** 2.85 lbs (1.3 kg)  
 Includes Ego light with 2 screw-in Daylight corrected fluorescent lamps (assembly required), and hinged bounce reflector card.



### Lowel Ego-sweep

**Code:** E1-20  
**Weight:** 4 lbs (1.8 kg)  
 Hinged plastic background with attached easel stand & clips, plus assortment of colored background papers.



### Lowel Ego Replacement Lamp

**Code:** E1-27  
**Code:** E1-25E (25w, CE 220/240v)  
**Weight:** 1.25 lbs (.85 kg)  
 27w, 5500°k daylight "full spectrum" lamp. 8-10,000 hr life. Ego uses 2 lamps.

## Lowel Ego 2 Light Set

**Code:** E1-92  
**Weight:** 14.5 lbs (6.6 kg)  
 Contains: 2 complete Lowel Ego's (E1-10), and 1 Ego-sweep (E1-20).  
 (CE 2 Light Set Code: E1-92E)

For the latest on Lowel Ego, including ways to light with it, visit [www.lowel.com](http://www.lowel.com)

## Compact, Self-contained Location Fluorescents 120/230v, 55w lamps

### The Case IS the Light!

For the pro on the go, the all-in-one Caselites offer your choice of daylight or tungsten color in a compact, easy to carry fluorescent package.



### The current popularity of fluorescent lights

in film & video production is well deserved. They offer cool, soft and efficient light at several times the output of incandescent halogen sources. Unfortunately, they can also be too cumbersome and fragile to use on location, often requiring several cases to carry lights and accessories. The Caselites solve that problem by being compact, lightweight, rugged and completely self-contained without sacrificing output or light quality. The all-in-one Caselite is both light & case combined. Pop the lid and there's room inside for stand-fitting tilt-bracket & plate, plus power cord, stand, or spare bulbs.

### 2 Efficient models:

2 x 55w & 4 x 55w tube fixtures.

### Auto voltage-setting ETL & CE approved models for 120/230v operation

**Case lid:** holds spare lamps or stand, plus egg crate, mounting plate, stand tilt-bracket, power cord.

### Internal ballast

means quicker setup time.

### Efficient reflector & ballast design allows maximum light output.

### Daylight or Tungsten:

uses 5300°K or 3000°K compact fluorescent lamps.

### Individual lamp switches:

to control output intensity without dimming.

### Supplied light controls

**include:** quick release egg crate grid, mounted gel clips, dual purpose barndoor/intensifiers.

### Rugged lightweight

stackable case made of heavy duty ABS plastic.

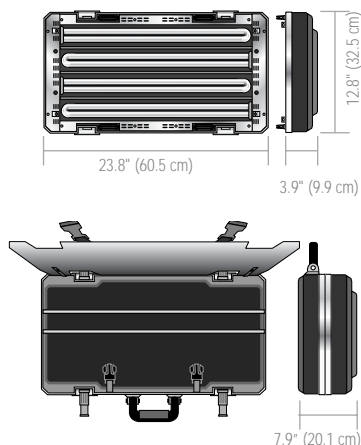
### Updated tilt-bracket

for easy stand mounting & versatile lamp positioning.

### Ideal for TV news crews

& documentary video production.

## Caselite4 Technical Data



### Weight:

Fixture with lamps: 7.9 lbs (3.6 kg)

Fixture with lamps, Egg Crate, Intensifiers, Plate & Stand-Fitting Bracket, AC Cable: 14.2 lbs (6.4 kg)

Fixture with above, plus lid: 21 lbs (9.5 kg)

**Amperage:** 2.6 at 120v, 1.4 at 230v

**Fits on:** 5/8" (1.59 cm) stud

**Materials:** High impact ABS and aluminum

**Cable:** removable 16' (4.88m)

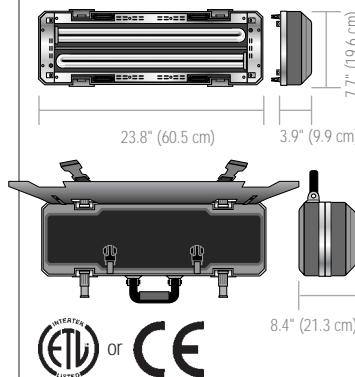
#18/3 with switch

**Switch:** 1 in-line and 4 recessed lamp switches on back (CE - 1 in-line and 2 recessed)

**U.S. Patents:** 6164801; D428,254; 6,554,459,B72



## Caselite2 Technical Data



### Weight:

Fixture alone: 5.3 lbs (2.4 kg)

Fixture with lamps, Egg Crate, Intensifiers, Plate & Stand-Fitting Bracket, AC Cable: 10 lbs (4.5 kg)

Fixture with above, plus lid: 14 lbs (6.4 kg)

**Amperage:** 1.3 at 120v, .7 at 230v

**Fits on:** 5/8" (1.59 cm) stud

**Materials:** High impact ABS and aluminum

**Cable:** removable 16' (4.88 m)

#18/3 with switch

**Switch:** 1 in-line and 2 recessed lamp switches on back (CE - 1 in-line and 1 recessed)

**U.S. Patents:** 6164801; D428,254; 6,554,459,B72

## Caselite Lamps

Lowel Code	Mfrs Code	Watts	°K	CRI	Mfrs Avg Life
FLS-55TU	Osram Studioline 55w/3200	55	3200 (tungsten)	85	8,000 hrs
FLS-55DA	Osram Studioline 55w/5600	55	5600 (daylight)	85	8,000 hrs
FLC-55TU*	GE F55BX/CINPLUS32	55	3200 (tungsten)	90+	8,000 hrs
FLC-55DA*	GE F55BX/CINPLUS55	55	5500 (daylight)	90+	8,000 hrs

\* GE Cinema-Plus lamps, better lighting for film (still or motion picture) due to better color rendering with film emulsions. May require 1/8 "minus green" filtration gel.

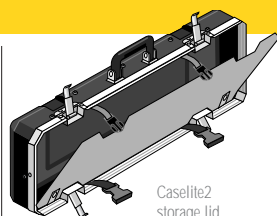


## Caselite2

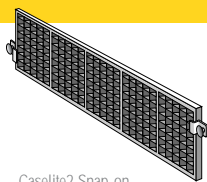
**Code: CF-20**  
**Weight:** 13.3 lbs (6 kg)  
**Size:** 23.8 x 7.7 x 8.4"  
 (60.5 x 19.6 x 21.3 cm)

**Code: CF-20CE**  
 CE approved Euro model.

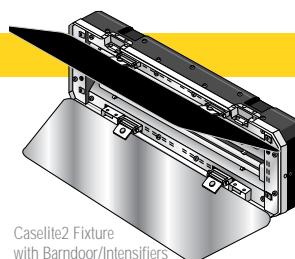
Less lamps.



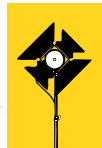
Caselite2 storage lid



Caselite2 Snap-on Egg Crate



Caselite2 Fixture with Barndoor/Intensifiers

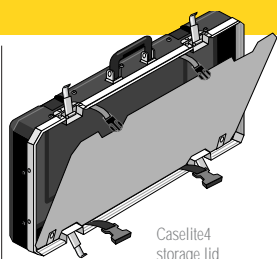


## Caselite4

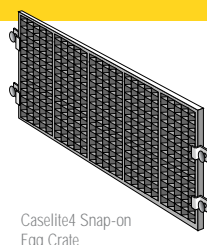
**Code: CF-40**  
**Weight:** 19.6 lbs (8.9 kg)  
**Size:** 23.8 x 12.8 x 7.9"  
 (60.5 x 32.5 x 20.1 cm)

**Code: CF-40CE**  
 CE approved Euro model.

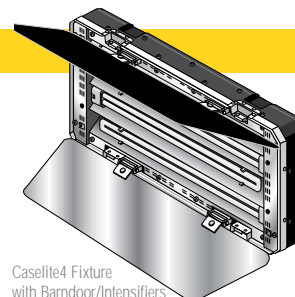
Less lamps.



Caselite4 storage lid



Caselite4 Snap-on Egg Crate



Caselite4 Fixture with Barndoor/Intensifiers

## Caselite2 & Caselite4 Supplied Components

### Caselite storage lid

Storage space for all the listed components plus Uni Sr. Stand and/or lamps.

### Snap-on Egg Crate

Further controls light spill with loss of output.

CF-22	Caselite2
CF-42	Caselite4

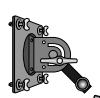
### 2 Barndoor/Intensifiers

Dual purpose reversible Barndoor/Intensifiers can be used with black barndoor side facing in to cut spill or reflective intensifier side facing in to increase output. (approx. 50%)

CF-21	Caselite2
CF-41	Caselite4

### Mounting Plate

**Code: CF-35**  
 Updated Mounting Plate attaches to back of fixture, allowing use of Stand-fitting Tilt-bracket or standard 5/8" stud. Allows fixture to rotate 360°.



### Stand-fitting Tilt-bracket

**Code: CF-36**  
 Updated bracket with 5/8" stud. Keeps Caselite's center of gravity squarely over stand for best balance, while allowing maximum rotation & angling of fixture.



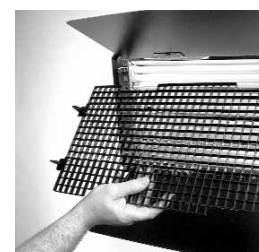
### Gel-jawz (8)

**Code: CL-15**  
 Package of eight clips. Attach to barndoor leaves to hold gels.



### 16' Power Cable

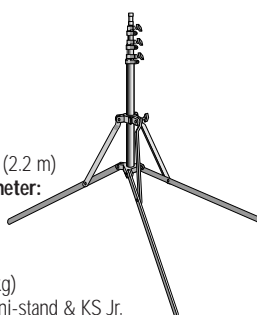
**Code: T1-80**  
 (or applicable CE cable)  
 #18/3 switched AC.



## Mount

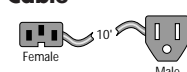
### Uni Sr. Stand

**Code: UN-66**  
**Maximum height:** 7' (2.2 m)  
**Maximum base diameter:** 46" (1.2 m)  
**Collapsed length:** 2.5' (57.2 cm)  
**Weight:** 3.3 lbs (1.5 kg)  
 Based on design of Uni-stand & KS Jr. stand. Collapses smaller than KS Jr., fits into lid of either Caselite (in Caselite2, in place of spare lamp tubes).



## Optional

### 10' Unswitched Cable

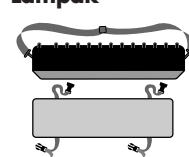


**Code: T1-808**  
**Weight:** 1.1 lbs (.5 kg)  
 For portable stage lighting use. "Hard service" #18/3 cable.

### CE approved AC Cables (switched)

T1-801	Eurocord
T1-802	UK Cord

### Caselite Lampak



**Code: CL-85**  
 High impact molded polyethylene case with foam inserts to hold 6 T-55 lamps. With padded shoulder strap.

### Caselite Rain Cover



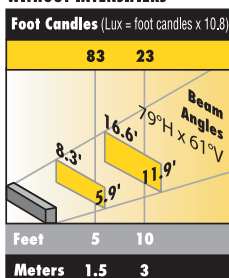
Fold-up yellow rain cover with zippered lid. Made of flexible plastic to minimize dampness when transporting unit (not suitable for protection when shipping).

CF-24	Caselite2
CF-44	Caselite4

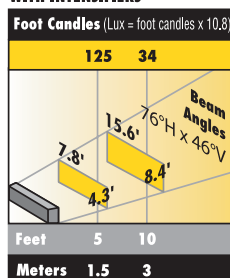


## Caselite2 Performance

### WITHOUT INTENSIFIERS



### WITH INTENSIFIERS \*

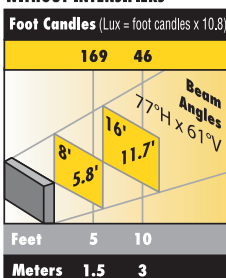


\* Intensifiers set at approx. 40°  
 All readings taken at the center of the beam, with daylight lamps, using Minolta T1 meter, and Daylight Studioline Lamps.

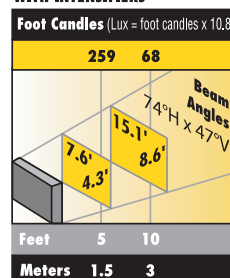
Beam angles points at which intensity drops to 50% of maximum

## Caselite4 Performance

### WITHOUT INTENSIFIERS



### WITH INTENSIFIERS \*



## Multi-Tasking Fluorescent



**LowelScandles is the first multi-tasking fluorescent fixture designed for quick & easy choice of light size, intensity & quality, by quick change of accessories. Its unique cluster arrangement of lamps make a whole new set of options possible for adding accessories to shape and direct the output.**

Updated by Lowel from an original design by noted photographer/inventor Gary Regester, LowelScandles has many innovative features. Ideal for shooting high-res digital portraits or video talking heads.



For convenient use with a chimera-style softbox, a rotating Universal Speed Ring is permanently installed on fixture.

The Speed Ring accepts the following softbox attachments: Plume®, Chimera®, Westcott®, Photoflex®.

## Features

**200 Watt daylight or tungsten** balanced light output from 8 lamps, switched in pairs for easy variable output.

**Uses either eight 24 Watt** (12" length) or eight 18 Watt (8" length) compact fluorescent lamps (mfg. avg. life: 8,000 hrs).

**90+CRI lamps available** in 5500°K and 3000°K.

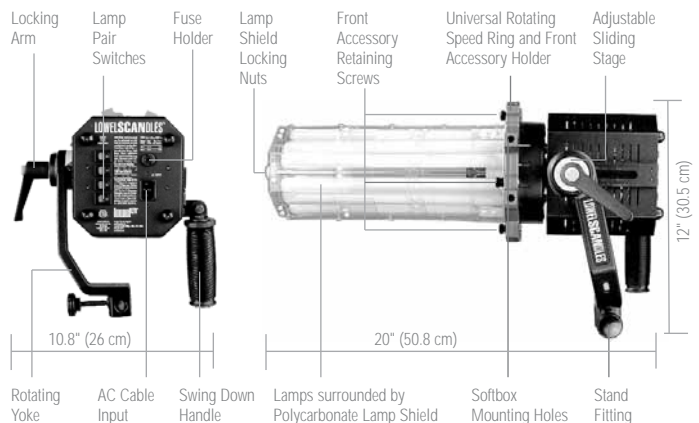
**High efficiency output:** 50 lumen/Watt.

**Auto-setting dual-voltage input** (120/230 VAC, 50/60Hz), flicker-free high efficiency internal ballast (39KHz).

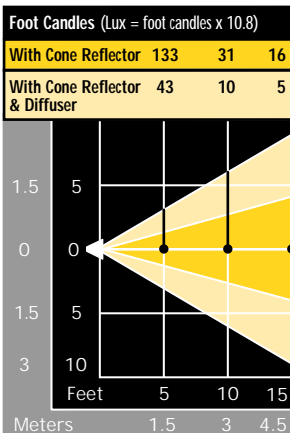
**Installed universal** Rotating Softbox Speed Ring.

**Quick attachment accessories:**

- Collapsible Front Intensifier with Softbox Diffuser (supplied).
- Special purpose Aluminum Cone Reflector for studio application.



## Performance



**Lamp:** Osram Dulux L 24w/12 Daylight  
**Color Temperature:**  
**5050** – With Collapsible Cone Reflector  
**4900** – With Collapsible Cone Reflector & Front Diffuser

**Beam Angles:**

- points at which intensity drops to 50% of maximum
- readings taken at center of beam

## Technical Data

**Size:** 20 x 10.8 x 12" (50.8 x 26 x 30.5 cm)  
**Weight without AC cable:** 8.5 lbs  
**Max. wattage:** 200  
**Max. amperage:** 2.5A  
**Beam control:** variable with front accessories

**Fits on:** 5/8" stand studs  
**Materials:** Primarily aluminum alloy  
**Cable:** 16' #18/3 wire, switched  
**Switches:** 4 on fixture (each controls 1 pair of lamps)



## Lamp Data

Code	Wattage	Size	CRI	Description	Avg Life	°K
LSF-24DA	24w	12"	90+	Dulux L 24w/12*	8000 hr	5300 (Daylight)
LSF-24TU	24w	12"	90+	Dulux L 24w/32*	8000 hr	3000 (Tungsten)
LSF-18DA	18w	8"	90+	Dulux L 18w/12*	8000 hr	5300 (Daylight)
LSF-18TU	18w	8"	90+	Dulux L 18w/32*	8000 hr	3000 (Tungsten)

\*Osram Dulux® Lamps (mfr. rated lamp life – 8,000 hrs.). When working with film emulsions, may require "minus green" filtration gel (1/4 or 1/2).

## Light &

### LowelScandles



Fixture with installed Universal Softbox Speed Ring, Polycarbonate Lamp Shield, 16' AC cable with switch, 8 fluorescent lamps (12", 24w, 5300°K daylight or 24w 3000°K tungsten corrected).

#### Daylight

Code: LSF-10DA

#### Tungsten

Code: LSF-10TU

### LowelScandles Light & Cone



#### Daylight

Code: LSF-05DA

#### Tungsten

Code: LSF-05TU

Size: 20 x 11 x 8" (50.8 x 26 x 30.5 cm)  
Weight: 11 lbs (5.5 kg)

Same as above, but with Collapsible Cone Intensifier & Front Diffuser

### LowelScandles Light (Body only)

Code: LSF-13

Fixture with installed Universal Speed Ring, plus 16' AC cable with switch.

### Clear Polycarbonate Lamp Shield



#### Shield 12"

Code: LSF-212

#### Shield 8"

Code: LSF-208

Weight: .5 lbs (224 g) approx.  
Shield surrounds lamps to provide shock absorption. 2 models for 12" or 8" compact fluorescent lamps.

## Light Controls

### Collapsible Cone Intensifier with Front Diffuser



Code: LSF-15

Size: 14" L x 19" diameter  
(35.5 x 48.25 cm)

Flexible snap on reflector, and removable diffuser quickly breaks down to store in light case.

### Aluminum Cone Reflector



Code: LSF-17

Size: 12.5" L x 14" diameter  
(32 x 35 cm)

Weight: 1.4 lbs (1.27 kg)  
Non-collapsible cone reflector, accepts Lowel Fin-S, clip-on adjustable barndoor for increased light control.

## Mounts

### Uni Sr. Stand

Code: UN-66

Weight: 3.3 lbs (1.5 kg)

Size: 22.5" (57.2 cm) folded.

Maximum height: 7' (2.2 m)

Base diameter: 46"

Based on design of Uni-stand & KS Jr. stand. Collapses smaller than KS Jr. Collar clamping.

### KS Jr. Stand

Code: DT-33

Maximum height:

7'7" (2.3 m),

Collapsed length:

2'4" (65 cm)

Weight:

3.5 lbs (1.6 kg)

Wide based, sturdy, lightweight stand with 5/8" (1.59 cm) stud, 3 sections and solid bar legs.

## Mounts

### KS Stand

Code: KS

Size: Maximum

Height: 9' (2.74 m)

Collapsed length:

3' (91 cm)

Weight:

4 lbs (1.8 kg)

Wide based, sturdier, lightweight stand with 5/8" (1.59 cm) stud, 2 sections and tubular legs.

### KSA Stand

Code: KSA

Same as above but black-anodized, air-cushioned stand.

### Tota-clamp

Code: T1-30

Weight: 4 oz (113g)

Clamps onto pipes, shelves, etc.

up to 1 7/8" (4.78 cm) thick.

5/8" (1.59 cm) stud locks in two

positions and accepts a light.

Also accepts two Flexi-shafts with flags or flectors.

### Safety Cable (3)

Code: CM-50

Weight: 2 oz (57 g)

Size: 34" (86.4 cm)

Braided stainless-steel cable adds security to lights and accessories that are attached to overhead pipes, beams, dropped-ceiling grids, etc. (Set of 3).

For other Clamps, Booms, etc, see Mounts section.

## Cables

### 16' Switched AC Cable

Code: T1-80

Weight: 13 oz (369 g)

Standard #18/3; with switch.

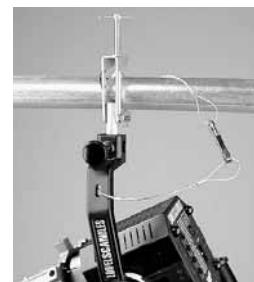
### 10' Unswitched Cable

Code: T1-808

Weight: 1.1 lbs (.5 kg)

For portable stage lighting use.

"Hard service" #18/3 cable.





5 Models; 2-8 55w fluorescent lamps; 120 & 220/240v



## Studio Fluorescents for Video Production, Video Conferencing, Digital Imaging & Film

**The world leader in location lighting** is now also number one in studio fluorescent control.

**Whether you are producing a 24-hour newscast,** a high resolution digital photo shoot, or a corporate video conference, the bright soft output & efficient operation of Lowel Fluo-Tec studio fluorescents make beautiful images easier to create.

**Is your shooting area a large full blown** production facility with DMX controlled console, or a compact table-top web-casting set with 4 outlets in the wall? For either of these, and anything in between, Lowel Fluo-Tec helps you tailor your lighting system to perfectly suit the illumination requirements of your shooting area.



Video-conferencing image provided by TANDBERG, a Global Leader in Videoconferencing Solutions.



## System overview

**5 dimmable and 5** non-dimmable models, housing from 2-8 55w lamps.

**Soft, flattering fluorescent** in your choice of lamp color temperature, Tungsten or Daylight, with high CRI (Color Rendering Index).

**Tungsten lamps mix** easily with focusable tungsten halogen sources, such as Lowel Fren-L 650, for increased creative control of light quality.

**All models have a high** frequency internal ballast for flicker-free operation.

**Wide range of available** accessories, including mirror-finish intensifiers, honeycomb grids, egg crates & barndoors.

## Dimmable Models

**Patented, award winning, state of the art electronics** with integrated DMX-512 circuitry, allowing full control from any DMX console, of up to 512 fixtures.

**Membrane-style digital** control panel on the back of the fixture allows manual dimming & manual storage of 4 dimmer settings (retained in fixture, even when powered down).

**LED display shows DMX** address, dimming level & lamp life.

## Remote Port

will accept the Lowel IR-DMX External Sensor to use IR-DMX Controller, a remote control accessory system which allows multi-unit remote dimming without the need of a console, for up to 512 fixtures.



## Non-Dimmable Models

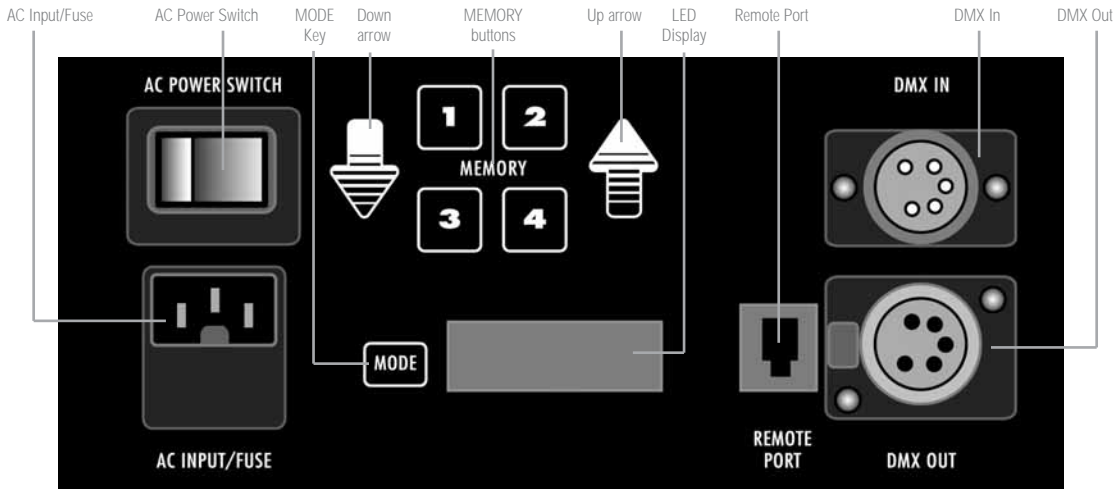
**Great for soft illumination** where only basic control of the output is needed. Most also have multiple lamp switches on the unit to vary the output on a limited basis by switching pairs of lamps on or off.

## Planning a studio?

For assistance in specifying equipment for a fluorescent studio/ video conference room, contact us at: 800 334 3426 or [info@lowel.com](mailto:info@lowel.com).



## Dimmable Model Rear Control Panel



## Hand-held IR DMX Dimming Control

### IR DMX Controller

Revolutionary hand-held infrared (IR) remote control system allows Multi-unit DMX dimming control without lighting console.

Easy to use logically designed controls.

One unit can address & command up to 512 dimmable fixtures (DMX daisy-chained).

Uses 2 AA batteries.

Also works with IR DMX Translator, see Electronic Light Controls section for more information.

### IR DMX Controller

**Code:** FLS-100  
**Size:** 4.5 x 2.6 x 1" (11.5 x 6.6 x 2.5 cm)  
**Weight:** 5 oz (16 g) with batteries

### IR DMX External Sensor

Compact state-of-the-art receiving unit quickly plugs into the fixtures Remote Port, and passes remote control commands to DMX chain.

Connected via telephone stylepatch cord, powered by fixture.

### IR DMX External Sensor

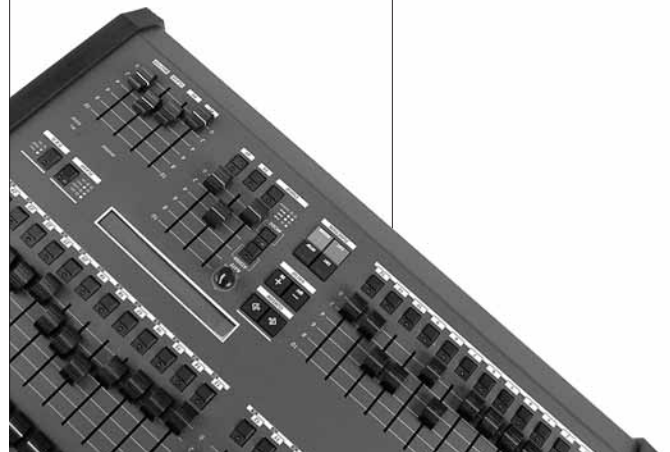
**Code:** FLS-120  
**Size:** 2.5 x 1.75 x 1" (6.3 x 4.4 x 2.5 cm)  
**Weight:** 4 oz (141 g) without cable



## About DMX

For those who are new to using DMX-512, we offer the following brief introductory definition...

DMX-512 is an addressing & communication protocol that allows a centralized controller (like a lighting console) to address and dim from 1-512 dimmers individually. In this case, it allows a DMX-capable lighting console to assign a separate address for up to 512 different dimmable Lowel Fluo-Tec fixtures, and to send dimming commands to them. Those commands can vary according to the abilities of the controller, but can include pre-timed fades, sub-group programming, and pre-designed lighting plots with stored levels.



## Studio 850

8 lamp



### Dimmable

Code: FLS-850DM – 120v model  
Code: FLS-850DM230 – 220/240v model

### Non-Dimmable

Code: FLS-850ND – 120v model  
Code: FLS-850ND230 – 220/240v model

Size: 27.5 x 26 x 4.5" (69 x 65 x 11 cm)

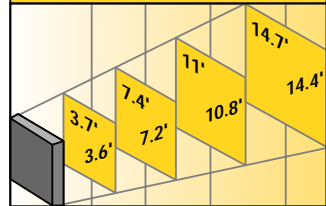
Dimmable Model Weight: 28.8 lbs  
(13.1 kg) without accessories

Uses 8 compact 55w lamps (not included).  
Supplied with Gel Frame, Safety Cables (3),  
Standard Clamp and applicable 10' AC Cable  
(120v models with U-ground connector).  
Other mounting devices & AC cable  
connection options are available.



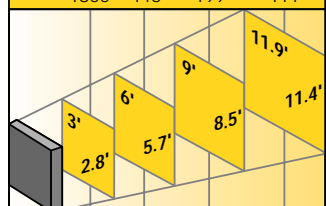
### Performance

Without Intensifier	63	H	×	62
Foot Candles (Lux = foot candles x 10.8)	989	244	109	61



Feet	3	6	9	12
Meters	.9	1.8	2.7	3.7

With Intensifier	52	H	×	50
Foot Candles (Lux = foot candles x 10.8)	1805	446	199	111



Feet	3	6	9	12
Meters	.9	1.8	2.7	3.7

\*Beam Angles: points at which intensity drops to 50% of maximum.  
Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.

## Studio 650

6 lamp



### Dimmable

Code: FLS-650DM – 120v model  
Code: FLS-650DM230 – 220/240v model

### Non-Dimmable

Code: FLS-650ND – 120v model  
Code: FLS-650ND230 – 220/240v model

Size: 27.5 x 21 x 4.5" (69 x 52 x 11 cm)

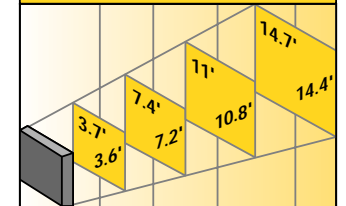
Dimmable Model Weight: 23.1 lbs  
(10.5 kg) without accessories

Uses 6 compact 55w lamps (not included).  
Supplied with Gel Frame, Safety Cables (3),  
Standard Clamp and applicable 10' AC Cable  
(120v models with U-ground connector). Other mounting devices &  
AC cable connection options are available.



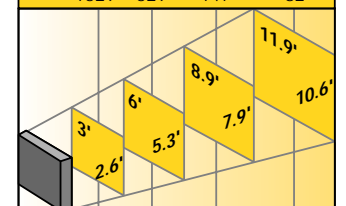
### Performance

Without Intensifier	63	H	×	62
Foot Candles (Lux = foot candles x 10.8)	801	198	88	50



Feet	3	6	9	12
Meters	.9	1.8	2.7	3.7

With Intensifier	52	H	×	48
Foot Candles (Lux = foot candles x 10.8)	1329	329	147	82



Feet	3	6	9	12
Meters	.9	1.8	2.7	3.7

\*Beam Angles: points at which intensity drops to 50% of maximum.  
Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.

## Studio 450

4 lamp



### Dimmable

Code: FLS-450DM – 120v model  
Code: FLS-450DM230 – 220/240v model

### Non-Dimmable

Code: FLS-450ND – 120v model  
Code: FLS-450ND230 – 220/240v model

Size: 27.5 x 15.75 x 4.5"

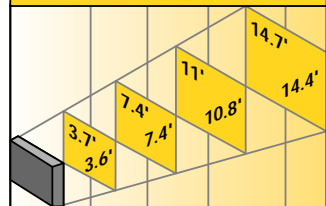
(69 x 39 x 11 cm)  
Dimmable Model Weight: 18 lbs (8.2 kg)  
without accessories

Uses 4 compact 55w lamps (not included).  
Supplied with Gel Frame, Safety Cables (3),  
Standard Clamp and applicable 10' AC Cable  
(120v models with U-ground connector). Other mounting devices &  
AC cable connection options are available.



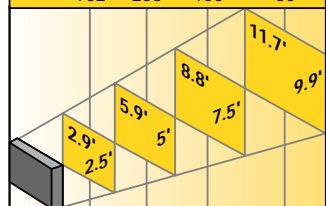
### Performance

Without Intensifier	63	H	×	62
Foot Candles (Lux = foot candles x 10.8)	569	141	63	35



Feet	3	6	9	12
Meters	.9	1.8	2.7	3.7

With Intensifier	52	H	×	45
Foot Candles (Lux = foot candles x 10.8)	962	238	106	60



Feet	3	6	9	12
Meters	.9	1.8	2.7	3.7

\*Beam Angles: points at which intensity drops to 50% of maximum.  
Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.

## Studio 250

2 lamp



### Dimmable

Code: FLS-250DM – 120v model  
Code: FLS-250DM230 – 220/240v model

### Non-Dimmable

Code: FLS-250ND – 120v model  
Code: FLS-250ND230 – 220/240v model

Size: 27.5 x 10.6 x 4.5"

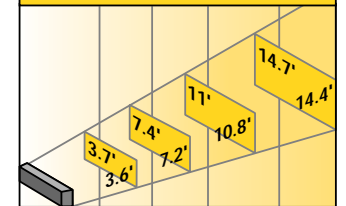
(69 x 26.5 x 11 cm)  
Dimmable Model Weight: 13.6 lbs  
(6.2 kg) without accessories

Uses 2 compact 55w lamps (not included).  
Supplied with Gel Frame, Safety Cables (3),  
Standard Clamp and applicable 10' AC Cable  
(120v models with U-ground connector). Other mounting devices &  
AC cable connection options are available.



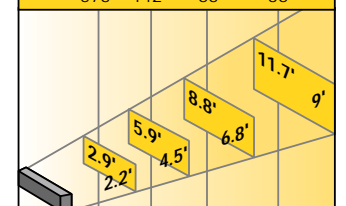
### Performance

Without Intensifier	63	H	×	62
Foot Candles (Lux = foot candles x 10.8)	273	68	30	17



Feet	3	6	9	12
Meters	.9	1.8	2.7	3.7

With Intensifier	52	H	×	41
Foot Candles (Lux = foot candles x 10.8)	573	142	63	36



Feet	3	6	9	12
Meters	.9	1.8	2.7	3.7

\*Beam Angles: points at which intensity drops to 50% of maximum.  
Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps.



## Studio 250cy

## 4 lamp



### Dimmable

Code: FLS-250CYDM – 120v model  
Code: FLS-250CYDM230 – 220/240v model

### Non-Dimmable

Code: FLS-250CYND – 120v model  
Code: FLS-250CYND230 – 220/240v model

Size: 52 x 10.6 x 4.5" (130 x 26.5 x 11 cm)  
Dimmable Model Weight: 21.4 lbs (9.7 kg) without accessories

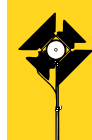
Uses 4 compact 55w lamps (not included). Supplied with Gel Frame, Safety Cables (3), Standard Clamp and applicable 10' AC Cable (120v models with U-ground connector). Other mounting devices & AC cable connection options are available.



### Performance

Without Intensifier	82°H	x	64	
Foot Candles (Lux = foot candles x 10.8)	882	392	220	141

\*Beam Angles: points at which intensity drops to 50% of maximum.  
Foot Candle readings taken at center of beam, with Minolta T-1 meter, using Osram Studioline lamps. Note: Readings taken at different distance than other models.



## Light Controls

To help control light output, they slide into guides on front of fixture.  
Some attach to front of Intensifier, if used. See chart for output gain/loss.  
All accessories available for most models, see price list for codes/availability.  
All fixtures supplied with Gel Frame.

### Intensifier

Newly updated mirrored enclosure assembles quickly, mounts on front of the fixture, and almost doubles the output.



### Barndoors

For trimming spill of the light. 4 adjustable doors. Mounts on front of the fixture.



### Honeycomb Grid

For greatest control of spill, with some loss of output. For front of fixture or Intensifier. 3 dispersion strengths, 20°, 30° & 40° angles.



Front of Fixture



Front of Intensifier

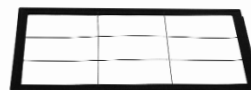
### Egg Crate Grid

Trims spill, but with less control & output loss.

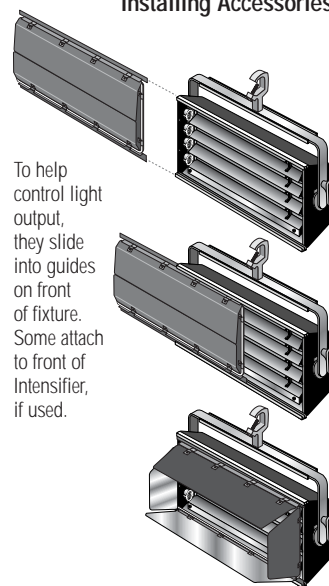


### Gel Frame

Supplied with fixture. Hinged metal frame accepts color correction gel or diffusion (for added softness). Slides into front of fixture & allows other accessories to be used.



### Installing Accessories



Accessory	Location	Output Loss / Gain (approx)	Studio850 Code	Studio650 Code	Studio450 Code	Studio250 Code	Studio250cy Code
Barndoor	Front of Fixture	N / A	FLS-820	FLS-620	FLS-420	FLS-220	FLS-2520
Intensifier	Front of Fixture	+80%	FLS-822	FLS-622	FLS-422	FLS-222	N / A
Egg Crate	Front of Fixture	-25%	FLS-824	FLS-624	FLS-424	FLS-224	FLS-2524
Honeycomb Grid Black 40°	Front of Fixture	-25%	FLS-834	FLS-634	FLS-434	FLS-234	FLS-2534
Honeycomb Grid Black 30°	Front of Fixture	-35%	FLS-833	FLS-633	FLS-433	FLS-233	FLS-2533
Honeycomb Grid Black 20°	Front of Fixture	-54%	FLS-832	FLS-632	FLS-432	FLS-232	FLS-2532
Honeycomb Grid Black 40°	Front of Intensifier	-30%	FLS-844	FLS-644	FLS-444	FLS-244	N / A
Honeycomb Grid Black 30°	Front of Intensifier	-22%	FLS-843	FLS-643	FLS-443	FLS-243	N / A
Honeycomb Grid Black 20°	Front of Intensifier	-46%	FLS-842	FLS-642	FLS-442	FLS-242	N / A

## Example Studio Set-ups

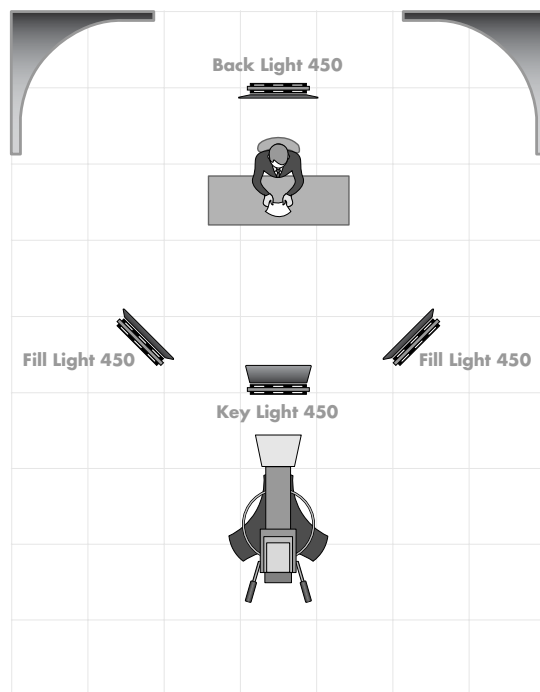
The 2 set-ups shown to the right are simple suggestions for a small one or two person news sets.

Both are similar in approach, each set contains a front combination of key & fill lights, and back light. More dramatic effect can be achieved by adding Lowel Fren-L 650s (focusing tungsten fixtures) as hard key or accent lights. Note: You must use tungsten color temperature fluorescent lamps to avoid color mixing problems.

Visit [www.lowel.com](http://www.lowel.com) for more examples.

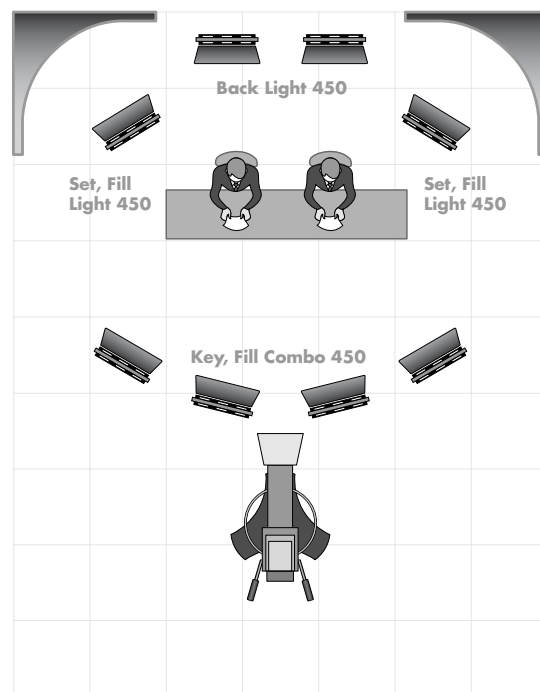
For assistance in specifying equipment for a fluorescent studio/ video conference room, contact us at: 800 334 3426 or [info@lowel.com](mailto:info@lowel.com).

### Set-up 1



Single person anchor desk has soft key from front and equi-distant fill lights from each side for basic, even illumination. Backlight separates talent from background.

### Set-up 2



Two person anchor desk has arc of 4 lights creating soft & even frontal key & fill combination. Back lights separate talent from background. Set fills separately control level of set, without affecting light levels on talent.

## DMX Cables & Terminator

For connecting console to one or more fixtures, daisy-chain style, for remote DMX dimming.

### 10 Ft. DMX Cable

Code: DMX-010  
10 ft. cable with male & female DMX connectors.

### 25 Ft. DMX Cable

Code: DMX-025  
25 ft. cable with male & female DMX connectors.

### 50 Ft. DMX Cable

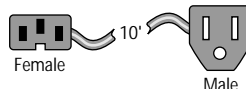
Code: DMX-050  
50 ft. cable with male & female DMX connectors.

### DMX Terminator

Code: DMX-TM  
Attach at the end of a DMX circuit for proper termination.

## AC Cable Options

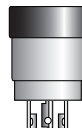
### Standard 120v AC Cable



Code: T1-808  
Supplied with 120v models. 10' unswitched cable with a 3 pin normal (Edison) AC wall plug. To choose one of the 2 following optional cables instead, add the suffix from its description to the end of the fixture code.

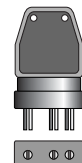
### Locking Connector Cable

Code: T1-TL  
10 ft. unswitched cable with 20 Amp 125V twist-lock connector. To order fixture with this cable, add suffix TL at end of fixture code.



### 3 Pin Stage Connector Cable

Code: T1-TP  
10 ft. unswitched cable with 20 Amp 3 pin stage connector. To order fixture with this cable, add suffix TP at end of fixture code.



All CE models supplied with 230V Euro Cable, UK Cable also available.

Lowel e-studio cable options: The above AC Cable options are also available for the Lowel e-studio fluorescent system as shown on pp. 34-35. Add the same code suffix to e-studio fixtures when ordering.

## Clamp Options

### Standard Clamp

Code: FLS-803  
Supplied with light. Use when hanging light from pipe or grid. With installed locking washer for more secure operation. Always use with Safety Cables.

To choose one of the 2 following optional mounts instead, add the suffix from its description to the end of the fixture code.



### Female 5/8" Stand Fitting

Code: FLS-SF  
For use on stand only. Allows mounting the fixture on 5/8" male stand stud. Should only be used with stands large enough to support the weight of the fixture while maintaining good balance at the desired height. Note: Should not be used with 250cy. To order fixture with this mount, add suffix SF at end of fixture code.



### Male Stud

Code: FLS-MS  
For use of fixture with Matthews style stands that have a female cup instead of a male stud. To order fixture with this mount, add suffix MS at end of fixture code.



## Technical Data

**Housing material:** Aluminum thickness 0.062" formed/welded.  
**Finish:** Black matte & yellow paint.  
**Mounting options:** All units supplied with standard clamp & Safety Cables (3).  
 Optional Female Stand-fitting, and Double Male Stud available.  
**US Patent:** 6,369,524

## Dimming Model Features

**Dimmer:** Digital control from 0 to 100% light output.  
**Dimming control:** Manual or DMX-512/1990 built-in; IR optional.  
**LED display:** 4 digit digital display.

**Internal memories:** 4 user storable.  
**Mode functions:** DMX addressing, intensity level, lamp life counter (hours).  
**DMX addressing:** switchless, intelligent addressing.



## Electrical: 120v Models

**Nominal input voltage:** 120 VAC 50/60Hz  
**Ballast:** Integral, electronic ballast  
**Dimmable model ballast operating frequency:** 40-60KHz  
**Dimmable model power factor:** >97  
**Non-Dimmable model ballast operating frequency:** 26KHz

**Non-Dimmable model power factor:** 70  
**Power cord:** All units supplied with 10' AC U-ground plug standard. Optional 3 pin twist lock or 3 pin theatrical plugs available.  
**Fuse protection:** All units IEC with integral user replaceable 5 x 20 mm fuse (see chart for specific model fuse).



## Electrical: 220/240v Models

**Nominal input voltage:** 220/240 VAC 50/60Hz  
**Ballast:** Integral, electronic ballast  
**Dimmable model ballast operating frequency:** 43KHz  
**Dimmable model power factor:** >98  
**Non-Dimmable model ballast operating frequency:** 42KHz

**Non-Dimmable model power factor:** >98  
**Power cord:** All units supplied with applicable approved AC power cable.  
**Fuse protection:** All units IEC with integral user replaceable 5 x 20 mm fuse (see chart for specific model fuse).



## Power Consumption @120VAC 50/60Hz

### Dimmable Models 120v

Model	Current	Fuse	Continuous Power Consumption	Peak Ignition
Studio 850DM		6.30 A	4.02 A	6.00 A
Studio 650DM		5.00 A	2.96 A	4.50 A
Studio 450DM		3.15 A	2.00 A	3.00 A
Studio 250DM		1.60 A	1.05 A	1.50 A
Studio 250cyDM		3.15 A	2.00 A	3.00 A

### Non-Dimmable Models 120v

Model	Current	Fuse	Continuous Power Consumption	Peak Ignition
Studio 850ND		10.00 A	4.52 A	9.90 A
Studio 650ND		8.00 A	3.41 A	7.80 A
Studio 450ND		5.00 A	2.26 A	5.00 A
Studio 250ND		3.15 A	1.15 A	3.00 A
Studio 250cyND		5.00 A	2.26 A	5.00 A

## Power Consumption @220/240VAC 50/60Hz

### Dimmable Models 220/240v

Model	Current	Fuse	Continuous Power Consumption	Peak Ignition
Studio 850DM230		3.15 A	2.10 A	3.00 A
Studio 650DM230		2.50 A	1.60 A	2.30 A
Studio 450DM230		1.60 A	1.10 A	1.60 A
Studio 250DM230		1.00 A	0.60 A	0.80 A
Studio 250cyDM230		1.60 A	1.10 A	1.60 A

### Non-Dimmable Models 220/240v

Model	Current	Fuse	Continuous Power Consumption	Peak Ignition
Studio 850ND230		3.15 A	2.00 A	2.80 A
Studio 650ND230		2.50 A	1.50 A	2.10 A
Studio 450ND230		1.60 A	1.00 A	1.50 A
Studio 250ND230		1.00 A	0.50 A	0.80 A
Studio 250cyND230		1.60 A	1.00 A	1.50 A

## Lamps

**Osram Studioline® Lamps** (Manufacturer rated lamp life 8,000 hrs)  
 Designed for use in video & digital imaging for higher output.

Tungsten		CRI	°K
FLS-55TU	Studioline 55w/3200	85	3200
Daylight		CRI	°K
FLS-55DA	Studioline 55w/5600	85	5600

**GE Cinema-Plus Lamps** (Manufacturer rated lamp life 8,000 hrs)  
 Better lighting for film (still or motion picture) due to better color rendering with film emulsions. May require 1/8 "minus green" filtration gel.

Tungsten		CRI	Mfrs Avg Life	°K
FLC-55TU*	GE F55BX/CINPLUS32	90+	8,000 hrs.	3200
Daylight		CRI	Mfrs Avg Life	°K
FLC-55DA*	GE F55BX/CINPLUS55	90+	8,000 hrs.	5500



## Fluorescent Studio System



## Versatile Mounting

Innovative mounting plate with integral 5/8" female stand fitting for conventional mounting with generous rotating & angling abilities. Also available: 2 mounting options; stand-mount, or with C-clamp hanging tilt-bracket for overhead studio rig installation, with the same rotation & tilt positioning options.



*Innovative mounting system allows maximum fixture rotation & mounting flexibility*

**The economical choice for strong, soft fluorescent light in daylight or tungsten color temperatures, with long lamp life & reduced heat buildup.**

**3 non-dimmable models** housing 2, 4, or 6 long life 55w fluorescent lamps

**Daylight or tungsten** color temperature

**Low heat, low current** draw, high power factor

**Innovative mounting** system allows maximum fixture tilting & rotation (180° each way)

**In stand-mount use,** fixture rests squarely over stand for best balance

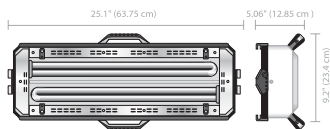
**Wide range of accessories** available

## Ideal for...

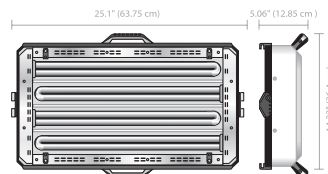
- Video-conference Rooms
- In-house A.V. Departments
- School TV Studios
- Cable TV Public Access Studios
- Web Casting Sets

## Technical Data

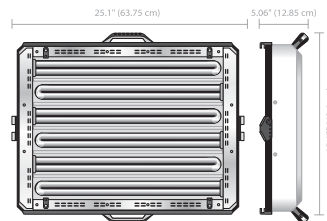
### e-studio2



### e-studio4



### e-studio6



## Technical Specs

**Amperage:** See chart, all models operate at 120-277 VAC 50/60 Hz.  
**Fuse Ratings:** 50/60Hz  
**Power Factor:** >.99



U.S. Patent: 6,554,459 B2

## Power Consumption @120VAC 50/60Hz

### 120v e-studio2, 4, 6

Model	Voltage	Continuous Power	Peak Current	Fuse Rating
e-studio2	120 VAC	0.8	1.3	3.15 A
e-studio4	120 VAC	1.7	2.5	5 A
e-studio6	120 VAC	2.4	3.5	5 A

## Power Consumption @220/240VAC 50/60Hz

### 230v e-studio2, 4, 6

(when the fixture auto-sets to 240v, the below values apply)

Model	Voltage	Continuous Power	Peak Current	Fuse Rating
e-studio2	230 VAC	0.4	0.6	2.5 A
e-studio4	230 VAC	0.8	1.3	3.15 A
e-studio6	230 VAC	1.3	1.9	5 A

## Lamps

**Osram Studioline® Lamps** (Manufacturer rated lamp life 8,000 hrs)  
Designed for use in video & digital imaging for higher output.

Tungsten		CRI	°K
FLS-55TU	Studioline 55w/3200	85	3200
Daylight		CRI	°K
FLS-55DA	Studioline 55w/5600	85	5600

**GE Cinema-Plus® Lamps** (Manufacturer rated lamp life 8,000 hrs)  
Better lighting for film (still or motion picture) due to better color rendering with film emulsions. May require 1/8 "minus green" filtration gel.

Tungsten		CRI	°K
FLC-55TU	GE F55BX/CINPLUS32	90+	3200
Daylight		CRI	°K
FLC-55DA	GE F55BX/CINPLUS55	90+	5500

## Lowel e-studio2

## 2 lamp



**Code: FLE-200** – 2 lamp 120V model with Rotating Mounting Plate and T1-80 AC Cable

**Code: FLE-200SF** – Same as above but with CF-36 Stand mount

**Code: FLE-200CM** – Same as above but with FLE-CM Overhead mount

Uses 2 compact 55w lamps (not included). Includes Safety Cables (3).

**Size:** 25 x 9.2 x 5" (64 x 23 x 13 cm)

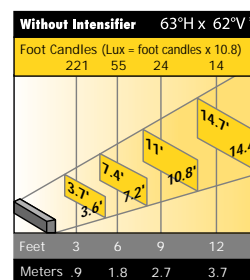
**Weight:** 7.9 lbs (3.6 kg) without mount or accessories.

Both ETL & CE fixtures auto-set to voltage supplied.

For 220/240V CE model, add E to the code. Contact us for appropriate AC Cable.

See page 32 for AC cable options.

### Performance



## Mounts

### e-studio Stand Mount

**Code: CF-36**

Stand Mount fits 5/8" stand stud & keeps fixture center of gravity squarely over stand for best balance, while allowing maximum rotation & angling of fixture. Supplied with all Stand Mount models.

### e-studio Overhead Mount

**Code: FLE-CM**

C-clamp fitted bracket allows hanging from pipe or rail with maximum rotation & angling of fixture. Supplied with all Overhead Mount models.

### KS Jr. Stand

**Code: DT-33**

**Maximum height:** 7'7" (2.3 m)

**Collapsed length:** 2'3" (65 cm)

**Weight:** 3.5 lbs (1.6 kg)

Wide based, sturdy, lightweight stand with 5/8" (1.59 cm) stud and solid bar legs. For e-studio 2 & 4 (without Intensifier).

### KS Stand

**Code: KS**

**Maximum height:** 9' (2.74 m)

**Collapsed length:** 3' (91 cm)

**Weight:** 4 lbs (1.8 kg)

Wide based, sturdier, lightweight stand with 5/8" (1.59 cm) stud. For e-studio 2 & 4, or 6 without Intensifier.

### KSA Stand

**Code: KSA**

Air-cushioned stand. Otherwise same as above. For e-studio 2 & 4, or 6 without Intensifier.

### Grand Stand

**Code: GS**

**Maximum height:** 10.5' (3.1 m)

**Collapsed length:** 3.5' (1.1 m)

**Weight:** 6.75 lbs (3 kg)

Extra wide base, one leg extends longer for use on uneven ground, air-cushioned sections. For e-studio 2, 4 & 6.

## Lowel e-studio4

## 4 lamp



**Code: FLE-400** – 4 lamp 120V model with Rotating Mounting Plate and T1-80 AC Cable

**Code: FLE-400SF** – Same as above but with CF-36 Stand mount

**Code: FLE-400CM** – Same as above but with FLE-CM Overhead mount

Uses 4 compact 55w lamps (not included). Includes Safety Cables (3).

**Size:** 25 x 14.3 x 5" (64 x 36 x 13 cm)

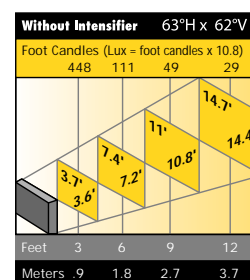
**Weight:** 10.4 lbs (4.7 kg) without mount or accessories.

Both ETL & CE fixtures auto-set to voltage supplied.

For 220/240V CE model, add E to the code. Contact us for appropriate AC Cable.

See page 32 for AC cable options.

### Performance



## Lowel e-studio6

## 6 lamp



**Code: FLE-600** – 6 lamp 120V model with Rotating Mounting Plate and T1-80 AC Cable

**Code: FLE-600SF** – Same as above but with CF-36 Stand mount

**Code: FLE-600CM** – Same as above but with FLE-CM Overhead mount

Uses 6 compact 55w lamps (not included). Includes Safety Cables (3).

**Size:** 25 x 19.5 x 5" (64 x 49 x 13 cm)

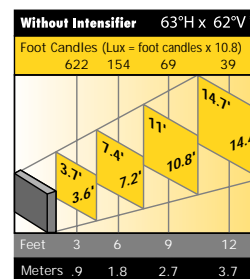
**Weight:** 14 lbs (6.4 kg) without mount or accessories.

Both ETL & CE fixtures auto-set to voltage supplied.

For 220/240V CE model, add E to the code. Contact us for appropriate AC Cable.

See page 32 for AC cable options.

### Performance



## Light Controls

To help control light output, they slide into guides on front of fixture. Some attach to front of Intensifier, if used. See chart for output gain/loss. All accessories available for most models. All fixtures have quick attach Gel clips installed.

### Intensifier

Mirrored enclosure mounts on front of the fixture, and almost doubles the output.



### Barndoors

For trimming spill of the light. 4 adjustable doors. Mounts on front of the fixture.



### Egg Crate Grid

Trims spill, but with less control & output loss than Honeycomb Grid.



### Honeycomb Grid

For greatest control of spill, with some loss of output. For front of fixture or Intensifier. 3 dispersion strengths, 20°, 30° & 40° angles.



Accessory	Location	Output Loss/Gain (approx)	e-studio6 (Code)	e-studio4 (Code)	e-studio2 (Code)
Barndoor	Front of Fixture	N / A	FLS-620	FLS-420	FLS-220
Intensifier	Front of Fixture	+ 80%	FLS-622	FLS-422	FLS-222
Egg Crate	Front of Fixture	- 25%	FLS-624	FLS-424	FLS-224
Honeycomb Grid Black 40°	Front of Fixture	- 25%	FLS-634	FLS-434	FLS-234
Honeycomb Grid Black 30°	Front of Fixture	- 35%	FLS-633	FLS-433	FLS-233
Honeycomb Grid Black 20°	Front of Fixture	- 54%	FLS-632	FLS-432	FLS-232
Honeycomb Grid Black 40°	Front of Intensifier	- 30%	FLS-644	FLS-444	FLS-244
Honeycomb Grid Black 30°	Front of Intensifier	- 22%	FLS-643	FLS-443	FLS-243
Honeycomb Grid Black 20°	Front of Intensifier	- 46%	FLS-642	FLS-442	FLS-242

## IR DMX Controller™ & IR DMX Translator™

### Remote Infrared DMX Control...

The combination of the compact IR DMX Translator and the revolutionary hand-held IR DMX Controller add up to an innovative way to perform DMX dimming without a console.



### Translator

**Simple set-up,** plug in AC & DMX cables for instant operation.

**Translates communication** for up to 512 DMX controllable devices.

**Connects to start of DMX chain** to receive & translate commands from IR DMX Controller.

**Internal & external IR Sensors** assure proper positioning for line of sight IR Controller communication.

**Used with existing console** allows switching to hand-held controller for "on set" lighting design adjustments.

### Award-winning system.

The IR DMX Translator converts infrared commands transmitted by the IR DMX Controller into DMX-512 protocol, to control up to 512 DMX dimmable devices.

**Use the Controller to create & store** up to 10 scenes, with your choice of dimming levels for up to 512 DMX addressed dimmers.

**Or connect between console and 1st DMX** dimmer to switch control between both.

**Perfect for small studios,** video conference rooms, or full sized production facilities.



### Controller

**Revolutionary hand-held IR** remote-control system.

**Multi-unit DMX dimming control** without lighting console.

**Battery operated** controller no larger than a garage door opener.

**Easy to use** logically designed controls.

**One unit can address &** command up to 512 dimmable fixtures (DMX daisy-chained).

**Can also be used** with Lowel Fluo-Tec fluorescent studio system to control up to 512 dimmable fixtures.

**U.S. Patents:** 6169376, 6323605 & patent pending.

## Components

### IR DMX Translator



**Code:** FLS-150

**Size:** 5.4 x 3.4 x 1.6" (14 x 8.6 x 4 cm)

**Weight:** 5 oz (168 g)  
Supplied with AC/9VDC adaptor & external IR Sensor with 6' cable.

### IR DMX Controller



**Code:** FLS-100

**Size:** 4.5 x 2.6 x 1" (11.5 x 6.6 x 2.5 cm)

**Weight:** 5 oz (168 g)  
Supplied with 2 AA batteries.

### IR External Sensor

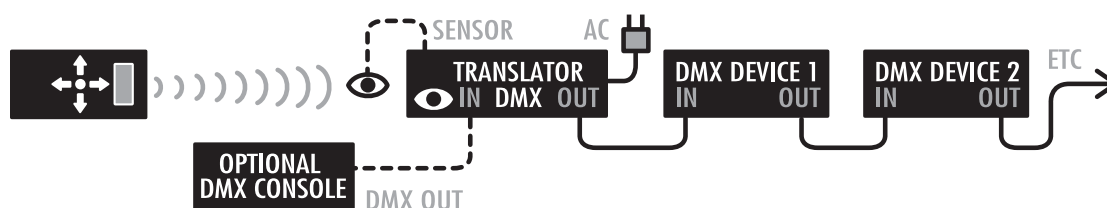


**Code:** FLS-120

**Size:** 2.5 x 1.75 x 1" (6.3 x 4.4 x 2.5 cm)

**Weight:** 1 oz (28 g)  
without cable Supplied with 6' cable.

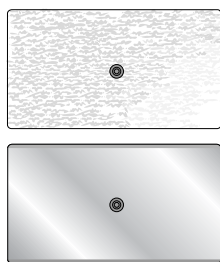
## IR DMX Controller, Translator/Sensor, & DMX Chain



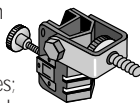


## Light Controls

### Small Lightflector/Tilter



**Code:** LFGOT  
**Size:** 21.75 x 11.75" (55 x 29.8 cm)  
**Weight:** 1.25 lbs (568 g)  
 With reduced size to fit into compact GO-85 Case. One side textured Mylar, one side highly reflective aluminum surface. Panel mounts on stand or clamp with Tota-tilter. Tilts; pans; rotates; hand-held, it can be bowed for zoom control.



### Small Lightflector only

**Code:** LFGO

### Large Lightflector/Tilter

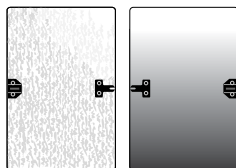
**Code:** LFT  
**Size:** 15" x 24" (38.1 x 61 cm)  
**Weight:** 1.75 lbs (794 g)  
 Same as above but in original larger size.

### Large Lightflector only

**Code:** LF

### Tota-flector

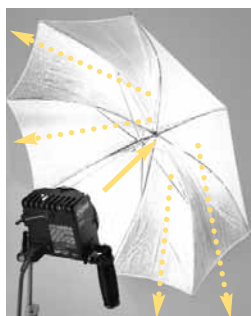
**Code:** T1-54  
**Size:** 8" x 12" (20.3 x 30.5 cm)  
**Weight:** 6 oz (170 g)



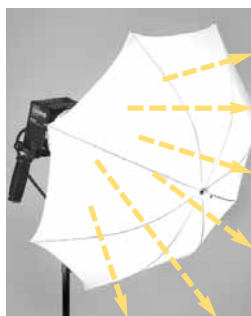
One side diffuse, one side specular panel, mounts on stand with Flexi-shaft and Tota-tatch or clamp, reflects sun or any light source. Perfect for head-and-shoulder shots, small products.

## Umbrellas

Lowel offers 2 types of umbrellas: silver reflective, and white. The silver brellas can only be used to reflect light, and have a higher reflected output as a result. The white nylon brellas are more translucent, so there is less reflected output. However because they are translucent, there is an added ability to shoot light thru them, simulating the effect of a soft box attachment. In all uses, set focusing light to flood.



**Reflective Use**  
 Reflective Silver Brella & White Brella



**Shoot-thru Use**  
 White Brella Only.  
 Uses brella as large soft diffuser.

### Tota-brella Standard/Silver

**Code:** T1-25  
**Size:** 27" (68.6 cm) open, 19" (48.3 cm) closed.  
**Weight:** 8 oz (227 g)  
 Fits directly on ViP, Tota/Omni, & Fren-L 650 Accessory bracket to convert them to soft shadow sources. Woven, soft-silver surface. (flood only).



### DP Brella Standard/Silver

**Code:** D2-25  
**Size:** 41" (104 cm) open, 32.5" (82.6 cm) closed.  
**Weight:** 1.4 lbs (635 g)  
 Fits directly on DP to convert it to a soft shadow source. Woven, soft-silver surface. (flood only)



### Special/White

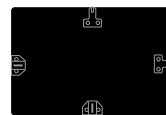
**Code:** D2-26  
 Same as above but with white surface that produces an even softer light, especially if brella is turned around & pointed to subject to light through it (in flood only).

### Special/White

**Code:** T1-26  
 Same as above but with white surface that produces an even softer light, especially if brella is turned around & pointed to subject to light through it (in flood only).

## Flags &

### Tota-flag



**Code:** T1-52  
**Size:** 8 x 12" (20.3 x 30.5 cm)  
**Weight:** 4 oz (113 g)  
 Black panel of aircraft alloy aluminum snaps onto Flexi-shaft to shade subject, back-ground or camera lens. Makes a sharper, more controllable shadow than a barndoor.

### Flag-link



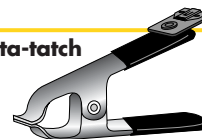
**Code:** ViP-50  
**Weight:** 1 oz (28 g)  
 Attaches to Pro-light and i-light. Accepts one Flexi-shaft.

### Flexi-shaft (2)

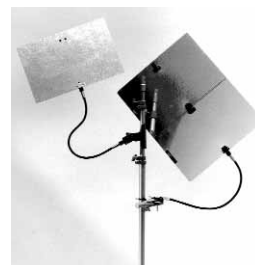


**Code:** T1-50  
**Size:** 16" (40.65 cm)  
**Weight:** 4 oz (113 g)  
 Flexible arm can be bent and rebent. One rotating end simplifies precise positioning of Tota-flags and reflectors as well as Blips. The other end attaches directly to DP, Omni and Tota-lights, a Tota-daptor, Tota-clamp, Tatch, or Tilter. (Pkg of 2).

### Tota-tatch



**Code:** T1-34  
**Weight:** 3.5 oz (98 g)  
 Attaches to stands, shelves, tripods, etc. Accepts one Flexi-shaft.





## Flags &

### Lobo

**Code:** F1-30

**Weight:** 10 oz (284 g)

Positions Maxa-mount, Lobo Arm, frame-ups, flags, umbrellas, etc. Attaches to the top or shaft of stands, to any 5/8" (1.59 cm) stud or to pipes up to 1 1/4" (3.2 cm) diameter. One large knob controls 360°, multi-axis rotation with precise clamping. **U.S. Patent:** 4616384.



### Lobo Arm

**Code:** F1-40

**Size:** 22" (55.9 cm) shaft

**Weight:** 3 oz (85 g)

With 5/8" (1.59 cm) stud. Used with Lobo or Grip extends, articulates and booms Frame-ups, small lights, reflectors, etc.

### Lobo Arm & Lobo

**Code:** F1-41

**Weight:** 13 oz (370 g)

### Maxa-mount & Lobo

**Code:** CM-11

**Weight:** 17 oz (382 g)

Works with Lobo and Gaffer-tape to support large light control panels such as Foamcore. 5/8" (1.59 cm) stud.

### Maxa-mount

**Code:** CM-10

**Size:** 27.75" (70.5 cm) long, 3/8" (1 cm) shaft.

**Weight:** 7 oz (198 g)

### Gel-jawz (8)

**Code:** CL-15

**Weight:** 2 oz (56 g)

Package of eight clips.

Attach to barndoor leaves to hold gels.



### Hollywood-strip™

**Code:** CL-10

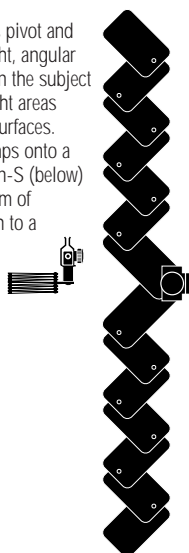
**Weight:** 3 oz (85 g)

**Size:** adjustable

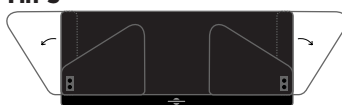
Two articulating arms pivot and rotate to create straight, angular or curved shadows on the subject or set, to control bright areas and break up bland surfaces. Hollywood-strip clamps onto a barndoor leaf, to a Fin-S (below) or directly onto the rim of some lights. To attach to a stand, see Blip-clip below.

**U.S. Patent:**

5138530



### Fin-S™



There's only so much a barndoor can do. Fin-S makes up for those limitations. It clamps on an Omni or DP Barndoor leaf; reaches out and pivots in precisely to shape the beam and shade or shadow part of the scene. It provides a sharper, more precise cut than barndoors alone and simplifies the job of cutting lens flare. Two panels can hold a gel. Comes with clamping Piv-it™.

**U.S. Patent:** 5072350

### Single

**Code:** CL-21

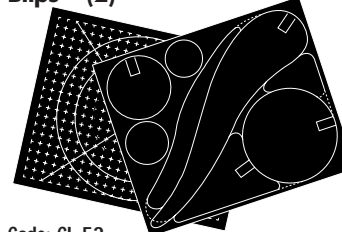
**Weight:** 4 oz (113 g)

### Set of 4

**Code:** CL-24

**Weight:** 16 oz (452 g)

### Blips™ (2)



**Code:** CL-52

**Weight:** 3 oz (85 g)

These bendable, reusable shapes can be positioned precisely to control hot-spots in the scene. Cut them out with ordinary scissors from our .008" thick, black aluminum Blip sheet (designs printed on both sides).

To mount them on a light or a stand, see below. **U.S. Patent:** 5147131. (2 sheets).

### 5 Sheets

**Code:** CL-55

**Weight:** 15 oz (425 g)

### Blip-clip™ (2)



**Code:** CL-50

**Weight:** Each clip: 1 oz (28 g).

Blip-clips lock onto the rotating end of the Flexi-shaft. They hold one or two Blips or a Hollywood-strip. (Pkg of 2).

### Blip-set

**Code:** CL-90

**Weight:** 12 oz (340 g)

**Contains:**

2 Blip sheets (CL-52)

2 Flexi-shafts (T1-50)

2 Blip-clips (CL-50)

1 Tota-daptor (T1-35)

to lock assembly under most lights atop a stand or clamp stud. You supply the scissors.

## Gel Files

**Conveniently organizes & stores pre-cut lighting gels. Made of flexible woven nylon with dividers for different gel colors, & diffusion, etc.**

**They also have a clear plastic zippered pocket for storing Gel-jawz, clothes pins etc. Designed by David Lent, a Washington DC based shooter.**



### Tota/Omni Gel File

**Code:** GF-10

**Size:** 11 x 13" (27.9 x 33 cm)

**Weight:** 9 oz (255 g)

Stores & organizes 10 x 12" gels for Tota/Omni gel frame.

### DP Gel File

**Code:** GF-15

**Size:** 13.3 x 18" (33.8 x 45.7 cm)

**Weight:** 14 oz (398 g)

Stores & organizes 12 x 16" gels for DP gel frame.

### Standard Gel File

**Code:** GF-20

**Size:** 21 x 25" (53 x 63.5 cm)

**Weight:** 1.7 lbs (771 g)

Stores & organizes 20 x 24" industry standard sheet size gels.

## Gels Packs

### Custom sizes to accommodate Lowel Gel Frames & Rifa-lites

**Full Day Blue**  
Converts tungsten (3200°K) to average daylight.

**1/2 Day Blue**  
(for Rifa) Converts 3200°K tungsten to approx. 4100°K.

**1/4 Day Blue**  
(for Rifa) Converts 3200°K tungsten to approx. 3500°K.

**ND 3**  
Neutral density gel reduces light intensity by approx. 2/3 stop without diffusion.

**Frost**  
Softens and diffuses. Reduces light intensity by approx. 2/3 stop.

**Assorted Gels**  
3 Full Day Blue, 1 Frost, 1 ND 3.

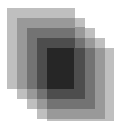
**Note:** Lowel does not supply Polarizing gels. They may be damaged if used close to high-wattage Tungsten lamps.



### iP & L-light Gel Packs (5)

**Size:** 5 x 6"  
(15.2 x 15.2 cm)  
**Weight:** 1 oz (28 g)

iP-70	Day Blue
iP-71	ND 3
iP-72	Frost
iP-78	iP Assorted Gels



### Tota/Omni Gels (5)

**Size:** 10 x 12"  
(25.4 x 30.5 cm)  
**Weight:** 2 oz (56 g)

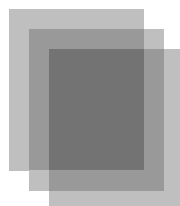
T1-70	Day Blue
T1-71	ND 3
T1-72	Frost
T1-78	Tota/Omni Assorted Gels



### DP Gels (5)

**Size:** 12 x 16"  
(30.5 x 40.64 cm)  
**Weight:** 2 oz (56 g)

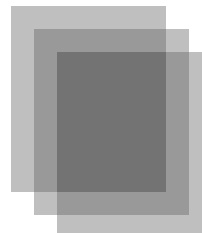
D2-70	Day Blue
D2-71	ND 3
D2-72	Frost
D2-78	DP Light Assorted Gels



### Industry Standard Size Gels (3)

**Size:** 20 x 24"  
(50.8 x 61 cm)  
**Weight:** 4 oz (112 g)

F1-70	Day Blue
F1-71	ND 3
F1-72	Frost



### Rifa Daylight Gel Sets (3)

For adjusting 3200°K Rifa lamps to mix with varying strengths of daylight. Each set contains 3 sheets: Day Blue, 1/2 Day Blue & 1/4 Day Blue (1 sheet each).

**For LC-44**  
**Code:** LC-47  
**Size:** 23 x 16"  
(58.4 x 40.6 cm)

**For LC-55**  
**Code:** LC-57  
**Size:** 29 x 22"  
(73.7 x 56 cm)

**For LC-66**  
**Code:** LC-67  
**Size:** 33 x 26"  
(84 x 66 cm)

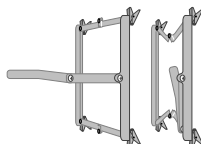
**For LC-88**  
**Code:** LC-87  
**Size:** 39 x 32"  
(99 x 81.3 cm)



## Gel Frames

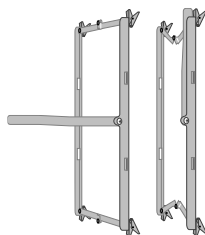
### Pro & i Gel Frame

**Code:** iP-40  
**Size:** For 5 x 6" (12.7 x 15.2 cm) gels  
**Folded:** 6 x 1 x 1" (15.3 x 2.5 x 2.5 cm)  
**Weight:** 2 oz (56 g)  
Locks directly into Pro, i & L-lights. Pans and tilts with the light. Collapses for storage.



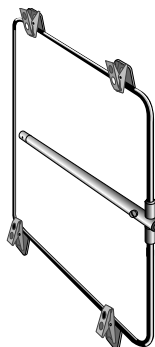
### Tota-frame

**Code:** T1-20  
**Size:** For 10 x 12" (25.4 x 30.5 cm) gels  
**Folded:** 12 x 1 x 1" (30.6 x 2.5 x 2.5 cm)  
**Weight:** 6 oz (170 g)  
Use with Tota/Omni lights & V-light. Pans and tilts with the light. Collapses for storage.



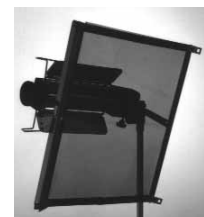
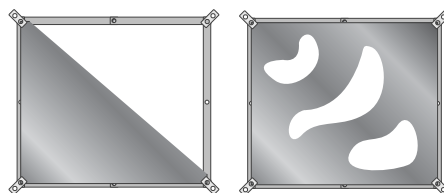
### DP Frame

**Code:** D2-24  
**Size:** For 12" x 16" (30.5 x 40.6 cm) gels  
**Weight:** 8 oz (227 g)  
Locks directly into the DP or Lobo. Pans and tilts with the light. Permanent gel clips and adjustable support arm.



## Gel Use Tip

Brightness and control of "local" areas can be accomplished by removing portions of Neutral Density 3 or Frost gels. Leave strips to attach at three or four corners as shown.





For easiest use, view this 2 page spread as facing pages

## Stands & Poles

**All Lowel Stands and Poles have been upgraded. They are constructed with thick-wall, anodized gun-metal gray aluminum alloy tubing to deliver an exceptionally high strength-to-weight ratio.**

All have a standard 5/8" (1.59 cm) top stud with safety undercut, adjustable base spread and, except for Grand Stand, collar-clamping for each segment.

All have wall thickness of .049" and are finished in gun-metal gray with yellow stand collars, except for air-cushioned stands (KSA & Grand Stand) which have black stand collars & knobs.



Name	Code	Max. Height	Folded Length	Max. Base Diameter	Min. Tube Diameter Max. Tube Diameter	Weight
<b>Uni-stand</b>	UN-33	7'11" (2.4 m)	21.5" (54.6 cm) 	3'7" (1.1 m)	3/8" (.95 cm) 7/8" (2.2 cm)	2.4 lbs (1.1 kg)
<b>Uni TO Stand</b>	UN-55	7'11" (2.4 m)	21.5" (54.6 cm) 	3'7" (1.1 m)	1/2" (1.27 cm) 1" (2.54 cm)	2.6 lbs (1.2 kg)
<b>Omni-stand</b>	O1-33	9' (2.74 m)	27" (69 cm) 	3'1" (94 cm)	1/2" (1.27 cm) 7/8" (2.2 cm)	2.6 lbs (1.2 kg)
<b>Uni Sr. Stand</b>	UN-66	7' (2.2 m)	22.5" (57.2 cm.) 	3'10" (1.2 m)	3/4" (1.9 cm) 1 1/8" (2.9 cm)	3.3 lbs (1.5 kg)
<b>KS Jr. Stand</b>	DT-33	7'7" (2.3 m)	28" (65 cm) 	3'1" (99 cm)	3/4" (1.9 cm) 1 1/8" (2.9 cm)	3.5 lbs (1.6 kg)
<b>KS Stand</b>	KS	9' (2.74 m)	36" (91 cm) 	3'5" (1 m)	7/8" (2.2 cm) 1 1/8" (2.9 cm)	4 lbs (1.8 kg)
<b>KSA Stand</b>	KSA	9' (2.74 m)	36" (91 cm) 	3'5" (1 m)	7/8" (2.2 cm) 1 1/8" (2.9 cm)	4.2 lbs (1.9 kg)
<b>Grand Stand</b>	GS	10.5' (3.1 m)	43" (1.1 m) 	4'5" (1.35 m)	1" (2.54 cm) 1 3/8" (3.51 cm)	6.75 lbs (3 kg)
<b>Full Pole</b>	KP	6.6' (2 m)	34" (89 cm) 	—	7/8" (2.2 cm) 1 1/8" (2.9 cm)	1.75 lbs (.8 kg)
<b>Half Pole</b>	KPH	3' (91 cm)	18" (46 cm) 	—	7/8" (2.2 cm) 1 1/8" (2.9 cm)	1.1 lbs (.5 kg)



## Legs/Number of Risers

## Recommended Uses & Notes

Single-strut leg brace,  
solid bar legs.  
4 Risers.

ViP & other small lights. Wide base for more stability, large locking knobs. Legs can lie flat to floor or in standard tripod arrangement, and fold up for more compact packing. Stud has 1/4 20 female thread. Smallest folding Lowel stand.

Single-strut leg brace,  
solid bar legs.  
4 Risers.

ViP, Tota/Omni, Rifa-lite 44 & other small lights. Sturdier than Uni-stand, ideal for use with Tota/Omni in GO Cases. Stud has 1/4 20 female thread.

Single-strut leg brace,  
solid bar legs.  
3 Risers.

Tota & Omni lights, Rifa-lite 44 & small flags. Sturdy & lightweight, an industry standard.

Single-strut leg brace,  
solid bar legs.  
3 Risers.

Tota/Omni, DP Light, Rifa-lite 55 & 66, Fren-L 650, Caselite, Scandies. Legs can lie flat to floor or in standard tripod arrangement, and fold up for more compact packing. Designed to fit into lid of Caselite.

Single-strut leg brace,  
solid bar legs.  
3 Risers.

Tota/Omni, DP Light, Rifa-lite 55 & 66, Fren-L 650, Caselite, Scandies. Smaller closed than KS (for more compact packing).

Double-strut leg brace,  
tubular legs with holes  
for casters or anchors.  
2 Risers.

DP Light, Rifa-lite 88, Fren-L 650, Basic Boom. Industry standard medium sized stand, taller & more stable than KS Jr.

Double-strut leg brace,  
tubular legs with holes  
for casters or anchors.  
2 Risers.

DP Light, Rifa-lite 88, Fren-L 650, Basic Boom. Medium sized stand. Same as above but with air-cushioned riser sections, black castings & knobs.

Double-strut leg brace,  
tubular legs with holes  
for casters or anchors.  
2 Risers.

Variflector, larger/heavier lights, Big Boom. Extra wide base, one leg extends longer for use on uneven ground, gray anodized stand with air-cushioned sections & direct screw clamping.

2 Risers (3 sections).

Extend KS, Grand Stand. Forms: boom, background support, rigs. Updated with extra section & additional length for added security when used at original length.

2 Risers (3 sections).

Same as Full Pole.



## Accessories

### Lowel Weight



**Code:** LW

**Weight:** 4.25 lbs (1.93 kg)  
Modular counterweight. A 5/8" (1.59 cm) stud locks on female end of Lowel poles to counterbalance booms; two or three weights fit together for additional weight. Slots in bottom fit on stand leg struts to increase stability.



### Lowel Casters (3)

**Code:** LC

**Weight:** 2.4 lbs (1.09 kg)  
Lockable wheels fit leg holes on KS, KSA and Grand Stands. Especially helpful for booms and studio lighting. (Set of 3).



### Lowel Anchors (4)

**Code:** LA

**Weight:** 12 oz (340 g)  
Ground spikes fit through leg holes in KS, KSA and Grand Stands to anchor on grass, sand etc. (Set of 4)



### Ceiling Link

**Code:** KCL

**Weight:** 10 oz (284 g)  
Rubber and aluminum components lock onto ends of Lowel poles, compression secures rig in place to make floor to ceiling poles. Set includes one female, one male.





## Space-clamp



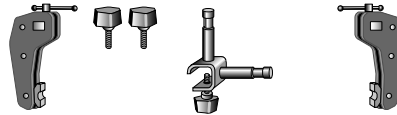
This clamp locks onto posts, beams and objects with spans from 25" to 8' to support one or more lights, flags, etc. The bar, made of high-strength aluminum aircraft alloy, interlocks without tools to adjust to various widths.

It can also reverse and jack out to clamp between objects (not recommended with two or more bars interlocked). Stud Bracket locks onto any part of the arm. Space Clamp also accepts Tota-tilter and Lobo for a variety of accessories.

## Large Space-clamp



**Code: SC-10**  
**Size:** 27.25" (69.2 cm) long  
**Weight:** 1.5 lbs (680 g)  
 Complete with Large Bar,  
 2 Clamping Arms, Stud Bracket,  
 2 Knobs.



## Large Bar

**Code: SC-15**  
**Size:** 27.25" (69.2 cm) long  
**Weight:** 8 oz (227 g)

## Clamping Arm (1)

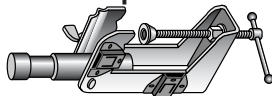
**Code: SC-35**  
**Weight:** 6 oz (170 g)

## Stud Bracket

**Code: SC-30**  
**Weight:** 4 oz (113 g)

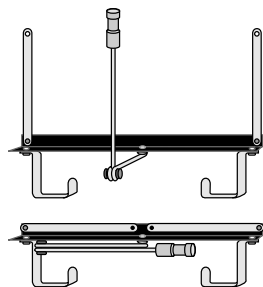
## Clamps & Mounts

### Tota-clamp



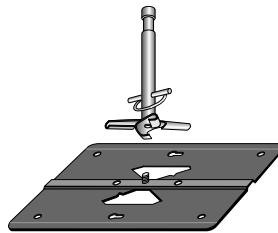
**Code: T1-30**  
**Weight:** 4 oz (113 g)  
 Supports medium weight lights and accessories on a 5/8" (1.59 cm) stud that pivots and locks in two positions. The clamp attaches securely to stands, pipes, shelves, etc. up to 1 7/8" (4.8 cm) diameter and also accepts two Flexi-shafts with Flags or Flectors. The stud has a tapped hole to accept accessories that mount with 1/4-20 bolts. Works with Lobo, Tota-tilter, Grip and Interlink.

### Tota-mount



**Code: T1-32**  
**Weight:** 10 oz (284 g)  
 Hangs, open or closed, on doortops. Gaffer-tapes to windows and many wall surfaces to support small lights, such as ViP and Tota/Omni, when stands are unavailable or in the way. With 5/8" (1.59 cm) stud. Folds for storage and travel.

### Big-foot & Scissor-mount



**Code: CM-31**  
**Weight:** 11 oz. (170 g)  
 Lowel Big-foot converts a scissor-mount or stud with 1/4-20 threaded hole into an instant support for various lights. The broad base provides stability on the floor.

### Big-foot™

**Code: CM-30**  
**Size:** 7" X 10" X 1/4"  
**Weight:** 11 oz (311 g)  
 Plate only without scissor-mount.

### Scissor-mount (2)

**Code: CM-20**  
**Weight:** 9 oz (250 g)  
 Attaches small lights and accessories to grid of dropped-ceilings in offices and other areas. Use Gridlock (CM-21) with Pro-light. (Set of 2).



### Lobo



**Code: F1-30**  
**Weight:** 10 oz (284 g)  
 Positions Maxa-mount, Lobo Arm, frame-ups, flags, umbrellas, etc. Attaches to the top or shaft of stands, to the Space Clamp bar, to any 5/8" (1.59 cm) stud or to pipes up to 1 1/4" (3.2 cm) diameter. One large knob controls 360°, multi-axis rotation with precise clamping. **U.S. Patent:** 4616384.

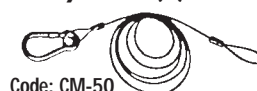
### Lobo Arm

**Code: F1-40**  
**Size:** 22" (55.9 cm) shaft  
**Weight:** 3 oz (85 g)  
 With 5/8" (1.59 cm) stud. Used with Lobo or Grip; extends, articulates and booms small lights, reflectors, etc.

### Lobo Arm & Lobo

**Code: F1-41**  
**Weight:** 13 oz (370 g)

### Safety Cable (3)



**Code: CM-50**  
**Size:** 34" (86.4 cm)  
**Weight:** 2 oz (57 g)  
 Braided stainless-steel cable adds security to lights and accessories that are attached to overhead pipes, beams, dropped-ceiling grids, etc. (Set of 3).

### Maxa-mount

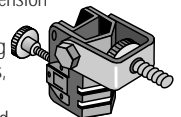
**Code: CM-10**  
**Size:** 27.75" (70.5 cm) long; 3/8" (1 cm) shaft  
**Weight:** 7 oz (198 g)  
 Supports (with Gaffer-tape or double-faced tape) light reflecting or control panels, props and products. Tilts, pans and rotates; accepts a Lowel Weight for balance. Mounts on a stand with Lobo or Grip to make a mini boom. Used with seamless paper, it floats props in "limbo". 5/8 (1.59 cm) stud.

### Lobo & Maxa-mount

**Code: CM-11**  
**Weight:** 17 oz (382 g)

### Tota-tilter

**Code: T1-36**  
**Weight:** 4 oz (113 g)  
 A constant tension tilt bracket for mounting Lightflectors, small still cameras, and accessories. Has a 1/4-20 knurled screw. Fits on 5/8" (1.59 cm) or smaller stud; accepts two Flexi-shafts.





## Clamps &amp; Mounts

## Missing Link™



Code: ML-10

Weight: 6 oz (170 g)

This versatile mounting device features a double articulating female fitting which provides increased flexibility when positioning small lights, flags, reflectors, poles, etc. It can be used in combination with a wide variety of Lowel accessories. Based on a design by Canadian videographer Peter Warren.

Combines with ML-12 & ML-13 stud-mounted Spring Clamps for added versatility.

US Patent: 6073897

## Small Spring Clamp (5/8" stud)

Code: ML-12

Weight: 3.5 oz (99 g)

## Large Spring Clamp (5/8" stud)

Code: ML-13

Weight: 6.5 oz (185 g)

## Missing Link

## &amp; Small Spring Clamp

Code: ML-16

Weight: 9.5 oz (269 g)

## Missing Link

## &amp; Large Spring Clamp

Code: ML-17

Weight: 12.5 oz (355 g)

## Double Male Stud

Code: K1-11

Weight: 4 oz (113 g)

Stud with two 5/8" (1.59 cm) ends; one end with 1/4-20 female threaded hole. Works with Missing Link to extend and articulate stands, poles, Scissor-mount. Also works with Grip. (Supplied as an integral part of Interlink.)

## Screw-in Stud (2)

Code: LSS

Weight: 4 oz (113 g)

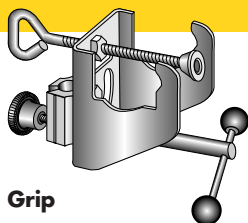
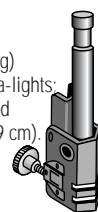
Standard 5/8" (16 mm) mounting stud with safety undercut. Screws into wooden surfaces such as the top of studio sets to support small lights, flags, reflectors, etc. (Set of 2).

## Tota-daptor

Code: T1-35

Weight: 4 oz (113 g)

Stacks multiple Tota-lights; converts under-sized stands to 5/8" (1.59 cm). Also accepts two Flexi-shafts with Flags or Flectors.



## Grip

Code: KG

Weight: 1.75 lbs (794 g)

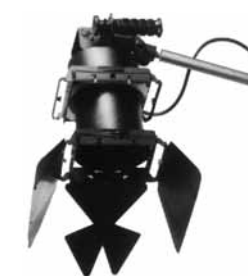
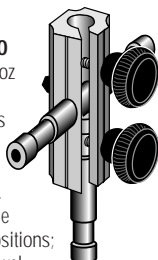
This versatile heavy-duty clamp attaches to stands, poles, pipes, 2" x 4"s etc. to support lights with Interlink, or Double Male Stud; makes a boom out of Stand and Pole; works with Space Clamp, Maxa-mount, Frame-up. Tilts 180°; pans 360° and locks securely.

## Interlink

Code: K1-10

Weight: 12 oz (340 g)

Interconnects various Lowel components. Adds multiple mounting positions; joins two Lowel Poles (male or female ends) in a straight line or at right angles (90°). Both studs are removable and have a 1/4-20 threaded hole to simplify mounting accessories with 1/4-20 bolts.



## Background Support

Code: SP-93

Weight: 13.5 lbs (6.12 kg)

For studio background shots on location. This versatile rig supports seamless paper rolls, black velour & other material. Adjusts from 32" (81.3 cm) to 10' (3.05 m) wide. Accepts two back lights without additional clamps; components can be used separately as well.

## Contains:

- 2 KS Stands (KS)
- 2 Interlinks (K1-10)
- 2 Full Poles (KP)

## Booms &amp; Rigs

Lowel Rigs support, position and extend lights, microphones, flags, diffusers, seamless paper, etc. They assemble quickly, without tools from basic Lowel components: stands, poles, grips, interlinks, weights, etc. The inter-locking mechanism incorporates a standard 5/8" stud onto which lights and accessories can be attached. Lowel rigs disconnect quickly for travel.

## ViP Boom



Code: SP-95Z

Weight: 3 lbs (1.4 kg)

Miniature boom/stand extension for very small lights, indoor reflectors and accessories. Always position arm over leg for best balance, add weight to stand base for additional stability

## Contains:

- 1 Uni-stand (UN-33)
- 1 Lobo (F1-30)
- 1 Lobo Arm (F1-40)

## Big Boom

Code: SP-90

Weight: 21 lbs (9.53 kg)

A large boom using the wide-based, air-cushioned Grand Stand to support large lights such as the Rifa-lite, Fren-L 650, Caselite & LowelScandles. Fits in a tube (V44CCZ) case (not included) for travel and assembles in minutes.

## Contains:

- 1 Grand Stand (GS)
- 1 Grip (KG)
- 1 Full Pole (KP)
- 1 Half Pole (KPH)
- 2 Lowel Weights (LW)
- 1 Set (3) Lowel Casters (LC)
- 1 Pkg (10) Cable Clips (K4CC)

## Basic Boom

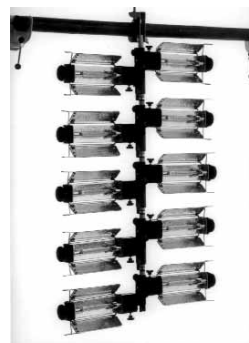
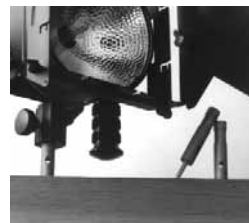
Code: SP-91

Weight: 19 lbs (8.62 kg)

Sturdy, medium-size boom for Lowel Omni, Tota, DP, microphones, etc. Has air-cushioned stand for studio or location. Also forms various rigs with additional Lowel components.

## Contains:

- 1 KSA Stand (KSA)
- 1 Grip (KG)
- 1 Full Pole (KP)
- 2 Lowel Weights (LW)
- 1 Set (3) Lowel Casters (LC)
- 1 Pkg (10) Cable Clips (K4CC)



## Multi-system Hard Cases w/ Movable Partitions

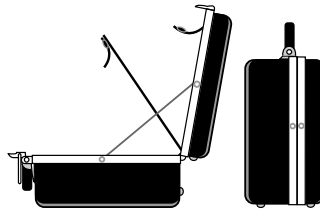
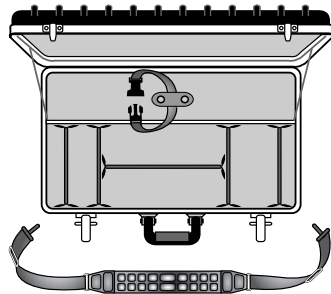
The 4 Lowel Hard Cases shown here are the most functional & popular in our line. The addition of movable velcro partitions brings a greater degree of packing flexibility to kit arrangement. All have ribbed exteriors for extra strength, and hinged lids. A permanent length-wise partition separates lights from stands and movable velcro partitions allow custom placement options.

Some larger cases have been updated with heavy-duty recessed wheels & spring-loaded pulling handles. Most smaller cases come with air-cushion padded adjustable shoulder straps. GO-85, TO-83, O1-86Z & TO-84Z cases all offer maximum versatility when combining ViP, Tota/Omni & smaller Rifa systems. Consult individual cases for number of lights, stands & accessories they can hold.

### GO 85 Case

**Code:** GO-85  
**Size:** 23.75 x 13.5 x 7"  
(60.3 x 34.3 x 17.8 cm)  
**Weight:** 10.3 lbs (4.7 kg)

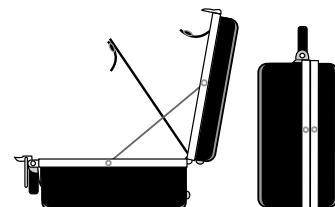
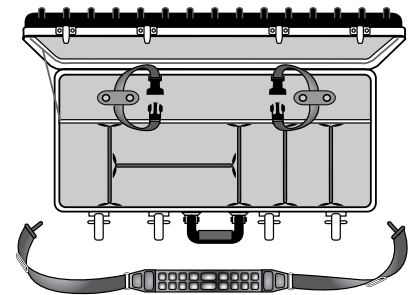
- High impact molded polyethylene case, hinged lid, with padded shoulder strap (SS-10).
- Holds 4 Omni-lights or 4 Tota-lights, or combinations which can also include Rifa 44, Pro & V-lights, plus 4 Uni or Uni TO stands (one possible partition arrangement shown).
- Includes the following partitions:  
2 GO-02 (7.75 x 4")  
3 GO-03 (4.5 x 4")  
1 GO-04 (3 x 4")  
1 GO-05 (22.75 x 4")  
1 LB-07 (11.5 x 3.5")



### Tota/Omni 83 Case

**Code:** TO-83  
**Size:** 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)  
**Weight:** 11.5 lbs (5.2 kg)

- High impact molded polyethylene case, hinged lid, with padded shoulder strap (SS-10).
- Compact case more efficiently stores Tota/Omni-lights, Omni-stands and accessories.
- Permanent length-wise partition separates lights from stands.
- All others are movable partitions.
- Accepts the Omni stand.
- Holds 4 Omnis or 4 Totas or combinations which can also include Rifa 44, 55, or 66, Pro & V-lights, plus 4 Omni-stands, with room for accessories (one possible arrangement shown).
- Includes the following partitions:  
1 GO-02 (7.75 x 4")  
3 GO-03 (4.5 x 4")  
2 GO-04 (3 x 4")  
1 LB-07 (11.5 x 3.5")  
1 TO-01 (29.25 x 4")

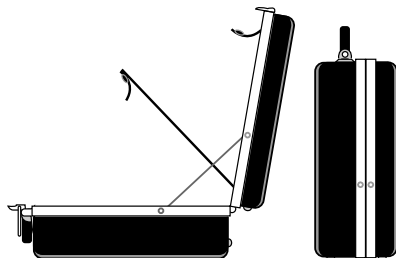
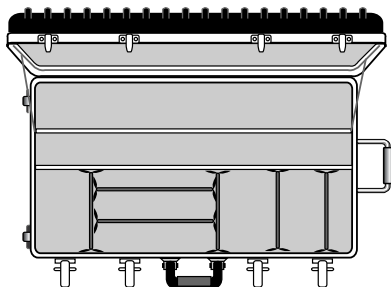


## Multi-system Hard Cases w/ Movable Partitions

**Tota/Omni 84 Case****Code: TO-84Z**

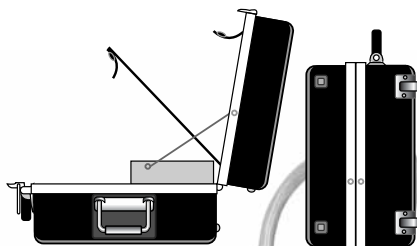
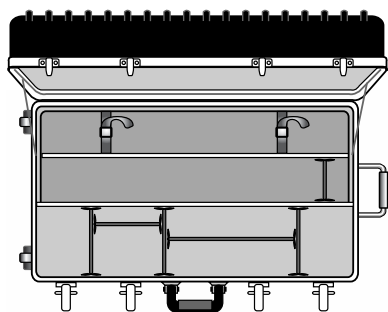
Size: 29.5 x 17 x 7"  
(74.9 x 43.2 x 17.8 cm)  
Weight: 15 lbs (6.8 kg)

- High-impact molded polyethylene case, hinged-lid.
- Updated with recessed wheels & pull handle.
- Holds 4 Omni-lights and 2 Totas or 2 Omni-lights and 6 Totas, or a combination of Pro & V-lights, plus Rifa 44, 55, or 66 and 4 or 5 Omni-stands, plus some accessories (one possible partition arrangement shown).
- Includes the following partitions:  
2 GO-02 (7.75 x 4")  
4 GO-03 (4.5 x 4")  
2 GO-04 (3 x 4")  
1 TO-01 (29.25 x 4")

**Omni 86 Case****Code: O1-86Z**

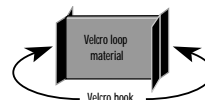
Size: 29.5 x 17 x 9.75"  
(74.9 x 43.4 x 24.8 cm)  
Weight: 17.5 lbs (8 kg)

- High-impact molded polyethylene case, hinged lid.
- Holds 4 Omni-lights and 4 Totas, 1 Rifa 44, 55, or 66, plus 6 Omni-stands; or 4 Omni & 2 KS Jr. Stands, and lots of accessories.
- Updated with recessed wheels & handle.
- Includes the following partitions:  
7 GO-01  
2 GO-02  
3 GO-03  
2 LB-07

**Movable Velcro Partitions for Lowel Hard Cases****Movable Velcro Partitions for Lowel Hard Cases**

Can be used in various combinations for customizing placement of lights & accessories in GO-85, TO-83, TO-84Z, & O1-86Z.

All have velcro hook material flaps to lock to loop material on case inside walls.

**Codes:**

GO-01	6 x 4"
GO-02	7.75 x 4"
GO-03	4.5 x 4"
GO-04	3 x 4"
GO-05	22.75 x 4"
LB-04	19.25 x 4"
LB-05	22 x 4.5"
LB-06	7.5 x 4.5"
LB-07	11.5 x 3.5"
TO-01	29.25 x 4"

**Wheels & Handles**

Several of our larger cases are now equipped with a spring-loaded handle and recessed rolling wheels. These include the Tota/Omni 84, Omni 86, Multi Case & Big Scandles Case. They make transporting some of our larger kits a little easier, especially through airports.





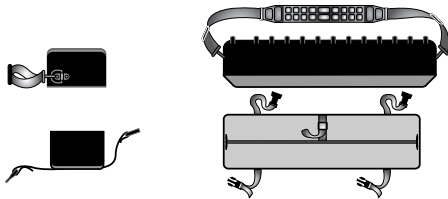
## Tube Cases

Long, narrow, and easy to sling over the shoulder, some have removable lids & adjustable straps which can allow the case to become "telescopic" in height, to hold more equipment. All Tube Cases come with air-cushion padded adjustable shoulder straps. Consult individual cases for number of lights, stands & accessories they can hold.

### V Shoulder Case

**Code: V-85**  
**Size:** 23.5 x 6.25 x 6.25"  
 (59.6 x 15.9 x 15.9 cm)  
**Weight:** 4.75 lbs (2.2 kg)

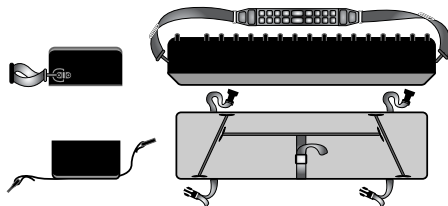
- High impact molded polyethylene case, with padded shoulder strap (SS-10).
- Includes the following partition: 1 LB-05.
- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds 2 V-lights or Rifa-44, & Uni or Uni TO stands, and some accessories.
- Can be carried on-the-shoulder or in-hand.



### ViP Shoulder Case

**Code: ViP-86**  
**Size:** 30.75 x 8.5 x 6.5"  
 (78.1 x 21.6 x 16.5 cm)  
**Weight:** 7.25 lbs (3.3 kg)

- High impact molded polyethylene case with padded shoulder strap (SS-10).
- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds 2 V-lights and 2 Pro or i-lights (or 4 V-lights), 4 Uni-stands and accessories.
- Can be carried on-the-shoulder or in-hand.
- Includes the following movable velcro partitions:  
 1 LB-04  
 2 LB-06

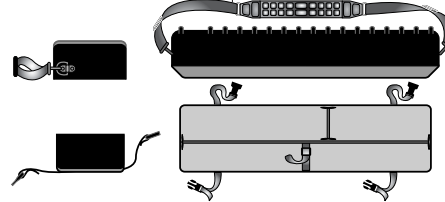


### Tube Case

**Code: T1-82**  
**Size:** 30.75 x 8.5 x 6.5"  
 (78.1 x 21.6 x 16.5 cm)  
**Weight:** 7.5 lbs (3.4 kg)

- High-impact molded polyethylene case with padded shoulder strap (SS-10).

- Separate lid and adjustable straps, allow height variation (7.5" max.).
- Holds 4 Tolas; 3 Omni-stands & a few accessories.
- Can be carried on-the-shoulder or in-hand.
- Includes the following velcro partitions:  
 1 GO-04 (3 x 4")  
 1 TO-01 (29.25 x 4")

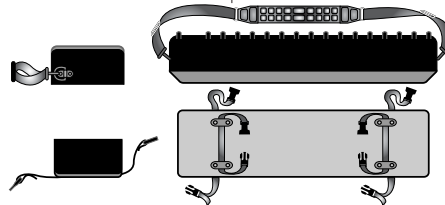


### Rifa Small Tube Case

**Code: R1-82**  
**Size:** 30.75 x 8.5 x 6.5"  
 (78.1 x 21.6 x 16.5 cm)  
**Weight:** 6.5 lbs (3 kg)

- For Rifa 44, 55 & 66s.
- High impact, molded polyethylene case.
- Padded shoulder strap (SS-10).

- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds 2 Rifas or Rifa & 1 stand (Uni, TO, Omni, or KS Jr.), plus some accessories.
- Can be carried on the shoulder or in hand.

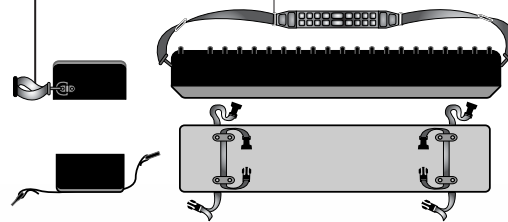


### Rifa Large Tube Case

**Code: R1-83**  
**Size:** 37.75 x 8.5 x 6.5"  
 (95.9 x 21.6 x 16.5 cm)  
**Weight:** 7 lbs (3.2 kg)

- For use with Rifa 88 & smaller.
- High impact, molded polyethylene case.
- Padded shoulder strap (SS-10).

- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds 2 Rifas or 1 Rifa & 1 KS Stand plus accessories.
- Can be carried on the shoulder or in-hand.



## System-specific Hard Cases

Designed specifically for use with certain Lowel lighting systems, these have rigid partitions, positioned to allow most efficient placement of fixtures, accessories & stands. Some also have accessory foam inserts for a more secure fit. Some smaller cases come with air-cushion padded adjustable shoulder straps. Consult individual cases for number of lights, stands & accessories they can hold.

**Multi Case**

**Code:** MCSEM  
**Size:** 37.5 x 17.75 x 9"  
 (95.3 x 45.1 x 22.9 cm)  
**Weight:** 19 lbs (8.6 kg).

**Fren-L Multi Case**  
**Code:** MCSEF

Same as MCSEM with 3 Fren-L Foam inserts.

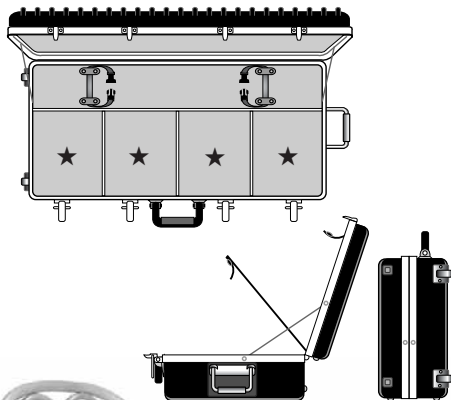
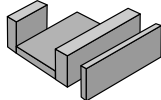
**Rifa Multi Case**  
**Code:** MCSER

Same as MCSEM but with lengthwise partition only (no short partitions) to hold 4 Rifas (88 or smaller) and 4 stands (KS or smaller).

- High impact, molded polyethylene case, hinged lid.
- Holds Fren-L 650s (with optional foam inserts); holds 4 DP's or 4 Fren-L 650s, & 4 KS Stands.
- Recessed wheels & spring loaded handle.

**Fren-L Foam Insert for MCSEM & DT-84M**

**Code:** MCSE4  
**Size:** 8.5 x 3.25 x 8"  
 (21.6 x 8.3 x 20.3 cm)  
**Weight:** 2.5 oz (71 g)  
 Fits into sections marked with ★

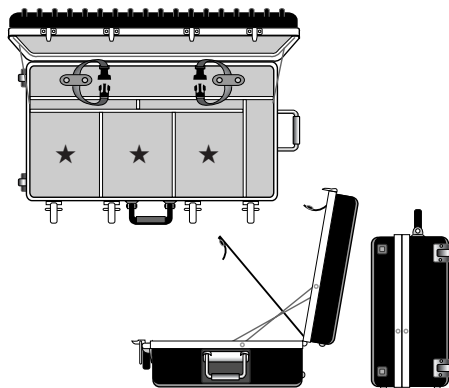
**DP3 Case**

**Code:** DT-84M  
**Size:** 29.5 x 17 x 9"  
 (74.9 x 43.2 x 22.9 cm)  
**Weight:** 15.25 lbs (6.9 kg)

**DP3 Fren-L Case**  
**Code:** DTF-84

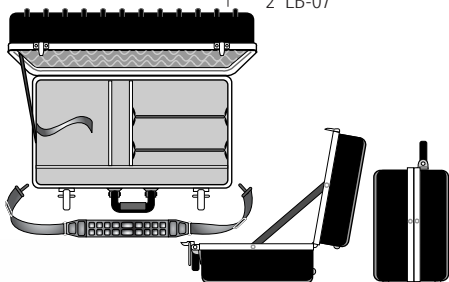
Same as above with 3 Fren-L Foam inserts.

- High impact molded polyethylene case, hinged lid.
- Holds 3 Fren-L 650s or 3 DP's, 2 Totas, plus 4 KS Jr. Stands & accessories.
- Recessed wheels & spring loaded handle.

**DP-Uni Case**

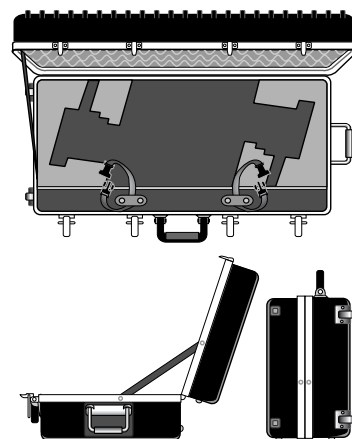
**Code:** DT-83  
**Size:** 23.8 x 13.5 x 10.8"  
 (60.4 x 34.3 x 27.3 cm)  
**Weight:** 10 lbs (4.6 kg)

- High impact molded polyethylene case with hinged lid.
- Padded shoulder strap (SS-10).
- Holds 2 Totas, & 1 DP Light, or 2 DP Lights, plus Uni TO Stands, and some accessories.
- Includes the following partitions: 2 LB-07

**Big Scandle Case**

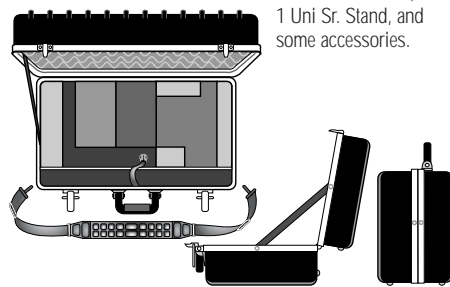
**Code:** LSF-82  
**Size:** 37.5 x 17.8 x 10.8"  
 (95.3 x 45.1 x 27.3 cm)  
**Weight:** 21 lbs (9.6 kg)

- High impact polyethylene molded case with hinged lid, recessed wheels and rolling handle.
- Holds 2 Lowel Scandles lights in foam insert, plus 2 collapsible cone reflectors & diffusers, 2 KS Jr. Stands, and some accessories.

**Small Scandle Case**

**Code:** LSF-81  
**Size:** 23.8 x 13.5 x 10.8"  
 (60.4 x 34.3 x 27.3 cm)  
**Weight:** 9.5 lbs (4.3 kg)

- High impact molded polyethylene case with hinged lid.
- Padded shoulder strap (SS-10).
- Holds 1 Lowel Scandles light in foam insert, plus collapsible cone reflector & diffuser, 1 Uni Sr. Stand, and some accessories.



Multi Case (MCSEM)



DP3 Case (DT-84M)

DP-Uni Case (DT-83)  
Small Scandle Case (LSF-81)

Big Scandle Case (LSF-82)

## Lowel Litebags™

Our original Small & Large Lowel Litebags have velcro partitions for easy versatile arrangement, and a cushioned shoulder strap for comfortable carrying.

For soft case kits with just Rifas, try the Small & Large Rifa Litebags. They're all a cost effective solution, if you're traveling light.

## Small Litebag Soft Case

Code: LB-30

Size: 23 x 10.5 x 6.75"  
(58.4 x 26.7 x 17.2 cm)

Weight: 4.25 lbs (1.9 kg)

- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Accepts Rifa-44, 2 Pro-lights & 2 V-lights (or 4 Pro-lights), 3 Uni or Uni TO Stands, or 2 Omni-lights, 3 Uni-stands, or 1 Omni, 2 Tota-lights, 3 Uni-stands.

## Supplied partitions:

- 2 LB-05
- 3 GO-03
- 1 GO-01
- 2 GO-02
- 1 LB-07
- 4 LB-06

- Storage pocket in lid.

## Large Litebag Soft Case

Code: LB-35

Size: 30.5 x 11.5 x 8.5"  
(77.5 x 29.2 x 21.6 cm)

Weight: 5.7 lbs (2.6 kg)

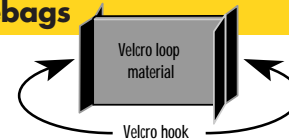
- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Accepts Rifa 44 or 55, 2 Totas, 2 Omnis (or 4 Omnis), 4 Omni-stands & accessories or 3 DPs & 3 KS Jr. stands.

## Supplied partitions:

- 2 LB-08
- 3 GO-03
- 1 GO-04
- 2 GO-02
- 2 LB-07
- 3 LB-09

- Storage pocket in lid.

## Partitions for these Lowel Litebags



## Single Partitions

## Codes:

GO-02	7.75 x 4"	
GO-03	4.5 x 4"	
GO-04	3 x 4"	
LB-05	22 x 4.5"	
LB-06	7.5 x 4.5"	
LB-07	11.5 x 3.5"	
LB-08	29 X 6"	
LB-09	7.75 x 6"	

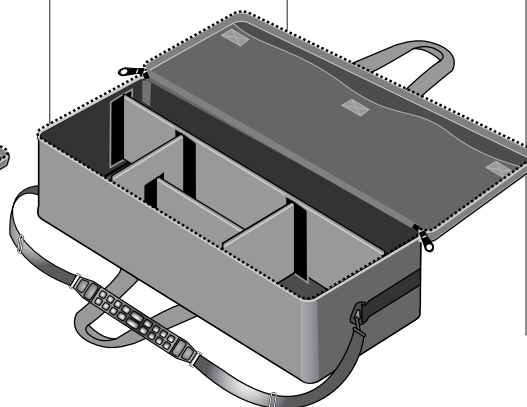
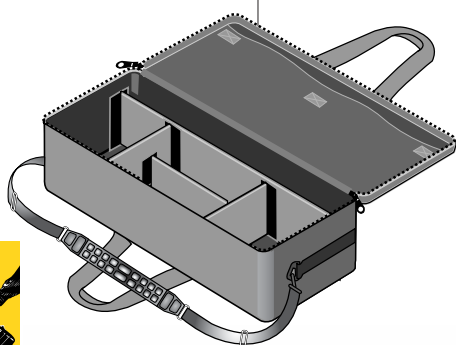
## Padded Strap

Code: SS-10

Size: Maximum  
length  
47" (118 cm)

Weight: 8oz (227g)

- Air-cushioned strap adjustable length.
- Fits certain hard cases & Lowel Litebags.



Small Litebag Carry Case (LB-30)

Large Litebag Carry Case (LB-35)





## Rifa Litebags

## Small Rifa Litebag

Code: LB-45

Size: (trapezoid shape)  
29.5 x 8 x 8.25"

(75 x 21.6 x 21.6 cm)

Weight: 2.5 lbs (1.13 kg)

- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Accepts 2 Rifas (44 or 55) or 1 Rifa & 1 Uni, Uni TO, or Uni Sr. Stand
- Inside storage pockets.

## Large Rifa Litebag

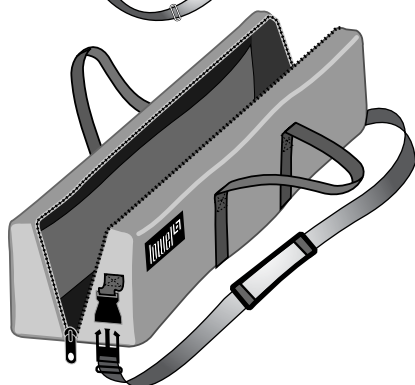
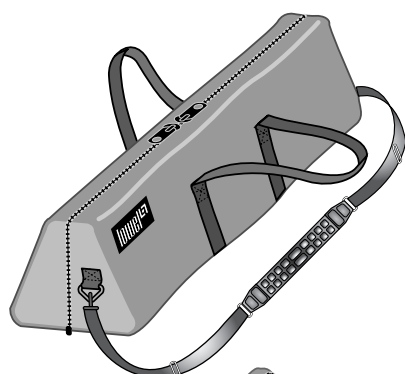
Code: LB-40

Size: (trapezoid shape)  
36.25 x 8 x 8.25"

(92 x 21 x 21.6 cm)

Weight: 3.3 lbs (1.5 kg)

- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Accepts 2 Rifa-lites (88 or smaller) & 2 KS stands.
- Inside storage pockets.



Small Rifa Litebag (LB-45)

Large Rifa Litebag (LB-40)

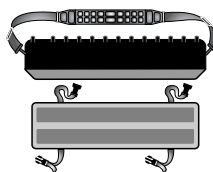
## Compact Fluorescent Lamp Case

Code: CL-85

Size: 23.5 x 6.25 x 6.25"  
(59.6 x 15.9 x 15.9 cm)

Weight: 5 lbs (2.5 kg)

- High impact molded polyethylene case, with foam inserts & padded shoulder strap (SS-10).
- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds up to 6 T-55 lamps for Caselites.
- Can be carried on-the-shoulder or in-hand.



Hard plastic boxes keep lampaks safe for storage and travel. Lampaks do not include lamps.

Weight: 3 oz (85 g)

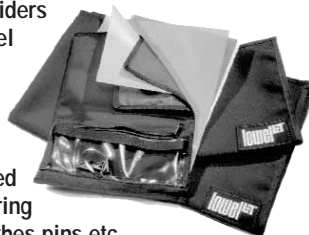
## ViP Lampak



Code: ViP-61

Stores several Pro, i and V lamps in foam filled plastic case (lamps not included).

Conveniently organizes & stores pre-cut lighting gels. Made of flexible woven nylon with dividers for different gel colors & diffusion, etc. They also have a clear plastic zippered pocket for storing Gel-Jawz, clothes pins etc.



## Tota Lampak



Code: T1-61

Stores 5 Tota lamps in foam filled plastic case (lamps not included).

## Omni Lampak



Code: O1-61

Stores 6 Omni lamps in foam filled plastic case (lamps not included).

## Tota/Omni Lampak



Code: TO-61

Stores 2 Tota, 4 Omni lamps in foam filled plastic case (lamps not included).

## Lampaks

## DP/Rifa Lampak



Code: D2-61

Stores 4 DP/Rifa lamps in foam filled plastic case (lamps not included).

## DP/Tota Lampak



Code: DT-61

Stores 2 DP and 2 Tota lamps in foam filled plastic case (lamps not included).

## Fren-L Lampak



Code: FR1-61

Stores 3 Fren-L lamps in foam filled plastic case (lamps not included).

## Gel Files

## Tota/Omni Gel File

Code: GF-10

Size: 11 x 13"

(27.9 x 33 cm)

Weight: 7 oz (198 g)

Accepts 10 x 12" gels for Tota/Omni gel frame.

## DP Gel File

Code: GF-15

Size: 13.3 x 18"

(33.8 x 45.7 cm)

Weight: 11 oz (312 g)

Accepts 12 x 16" gels for DP gel frame.

## Standard Gel File

Code: GF-20

Size: 21 x 25"

(53 x 63.5 cm)

Weight: 1.7 lbs (771 g)

Accepts 20 x 24" industry standard sheet size gels.



## We Were There from the Beginning...

In 1959 Lowel pioneered the location lighting revolution. It has continued to this day, resulting in a world where there are now virtually as many creative options for lighting & control outside the studio as there are inside.

As a result, today all the world truly IS a stage.



### From then until now,

we have continued to design & offer location kits featuring lights that are versatile, rugged & dependable, while offering the best in output & light quality. They are supported by dependable Stands & other Mounting Accessories, and finessed with a wide selection of Light Controls.

## Choosing a Kit

Each Lowel Kit has been created from one or more of our award winning lighting systems to offer the user a logical selection of lights and components at a savings over individual prices.

### Before choosing a kit,

give some thought to size & nature of the lighting setups you are most likely to need to create.

#### Such as:

- Interviews shot from waist up in a small office;
- Archival copying of flat art & sculpture, all sizes;
- Wedding & Event videography in large reception rooms.

### Consult the Lighting Systems section

at the front of the Catalog to choose the most appropriate fixtures based not only on output, but also quality & character of light.

#### Such as:

- variable focus
- dedicated softlight

Keep in mind that many of the more powerful fixtures can also use lower wattage lamps, increasing their output versatility.

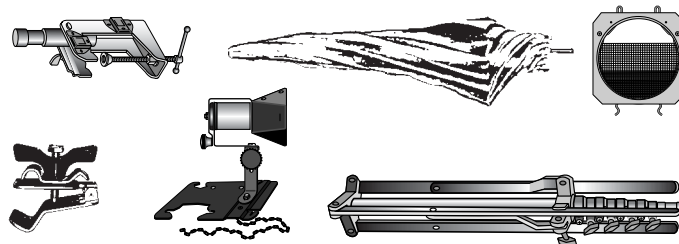
### Read "Choosing a Light"

in the Resources section at the back of this catalog for more information. Also give consideration to mounting & light control issues that may be particular to your intended use. You can also find answers to questions about these in the Resources section.



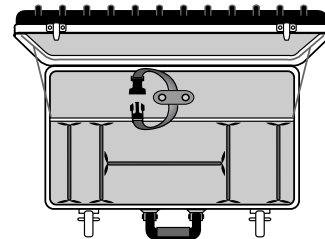
## Customizing a Lowel Kit

Many of our kits have room for additional light-controls & mounting accessories; and in some cases, one or more lights and stands. For the number of lights and stands a given hard or soft case will hold, see the Cases section.



## Building a Kit

You can also create a Lowel Kit to suit your exact needs. Order an empty case and only the equipment you need. Don't buy more than you expect to use, since supplementing the kit at a later time is simple.



## Case Options

Many kits are available with additional hard or soft case options. Suggested options are listed with the particular kit. In addition, some cases can be converted to hold different lights with movable partitions or accessory foam inserts. For case specifications, partitioning, capacity, and foam inserts, see the Cases section.



## The Top Sellers

### 1 Lowel DV Creator Kits



p. 52, 53

Easily our most popular kits, these 3 kits combine lights from different systems to give you a versatile set of lighting options.

### 2 Rifa-lite Kits



p. 54-56

Rifa's quick setup & beautiful output make these kits among our strongest sellers. A wide selection of kits to suit most needs.

### 3 Basically 3 & Elemental Kits



p. 62, 63

Longtime Lowel favorites, Tota & Omni in 3 light combinations with light control accessories.

### 4 T/O GO 97 & T/O GO 98 Kits



p. 61, 62

For lighter travel, Totas & Omnis in 3 light combinations with more compact cases, with smaller folding sturdy stands.

### 5 Super Ambi & Ambi Kits



p. 53, 63

Super Ambi is our most elaborate combo of Totas & Omnis, with added Pro & Rifa, plus a generous selection of accessories, in a relatively compact case. The original Ambi is a longtime popular classic in its own right (pg 63).

### 6 DV Core Kits



p. 58

DV Core 44 & 55, 2 popular lower wattage kits combining Pro & V-lights, with the addition of a quick setup Rifa for beautiful soft light.

### 7 DV Pro Kits



p. 59

DV Pro 44 & 55 Kits are more elaborate lower wattage kits featuring Pro & V lights with Rifa's with a wider selection of accessories in a larger case.

### 8 Caselite Kits



p. 66

Caselite fluorescent kits have a loyal following of their own, with soft daylight or tungsten output from a light that also has its own stand carrying case!





# DV Creator / Multi System Kits

## Multi System Kits

Lowel's DV Creator / Multi System Kits combine light fixtures with lamps, stands & accessories from our wide range of different lighting systems to bring a new level of versatility to our kits.

All draw from the Tota/Omni, ViP & Rifa-lite systems to create kit combinations that fit most needs & budgets. Some have hard case options that offer room to grow.



### Lowel DV Creator 1 Kit

Code: DV-901Z

Size: 23.75 x 13.5 x 7"  
(60.3 x 34.3 x 17.8 cm)

Weight: 28 lbs (12.7 kg)

#### With LB-30 Soft Case

Code: DV-901LBZ

Weight: 22 lbs (10 kg)

#### Contains:

- 1 Pro-light (P2-10)
- 1 Pro-light 4-way Barndoors (iP-20)
- 1 250w, 120v lamp (GCA)
- 1 Omni-light (O1-10)
- 1 Omni-light 4-way Barndoors (O1-20)
- 1 500w, 120v lamp (FTK)
- 1 Tota-light (T1-10)

- 1 750w, 120v lamp (EMD)
- 3 Uni TO Stands (UN-55)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Flexi-shaft Pak (2) (T1-50)
- 1 Tota-flag (T1-52)
- 1 Tota-brella (T1-25)
- 1 T/O Lampak (TO-61)
- 1 GO-85 Case



### Lowel DV Creator 44 Kit

Code: DV-9023Z

Size: 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)

Weight: 35 lbs (15.9 kg)

#### Contains:

- 1 Rifa-lite 44 (LC-44)
- 1 250w, 120v lamp (GCA)
- 1 Pro-light (P2-10)
- 1 Pro-light 4-way Barndoors (iP-20)
- 1 250w, 120v lamp (GCA)
- 1 Omni-light (O1-10)
- 1 Omni-light 4-way Barndoors (O1-20)
- 1 500w, 120v lamp (FTK)
- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 4 Uni TO Stands (UN-55)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)

- 1 Pro & i Gel Frame (iP-40)
- 1 iP Assorted Gels (iP-78)
- 1 Flexi-shaft pkg (2) (T1-50)
- 1 Tota-flag (T1-52)
- 1 Tota-brella (T1-25)
- 1 T/O Lampak (TO-61)
- 1 ViP Lampak (ViP-61)
- 1 TO-83 Case

#### With GO-85 Case

Code: DV-902Z

Weight: 34 lbs (15.5 kg)

#### With LB-30R Soft Case

Code: DV-902LBZ

Weight: 28 lbs (12.7 kg)



## Multi System Kits

Whether you prefer the smaller & mid-sized Lowel DV Creator Kits, or the feature packed Super Ambi Kit, these kits will help you arrive at a location with a greater degree of lighting possibilities in your hand. For those traveling light, Lowel DV Creator Kits are also available in soft cases.



### Lowel DV Creator 55 Kit

**Code:** DV-903Z  
**Size:** 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)  
**Weight:** 38 lbs (17.3 kg)

#### With TO-84Z Case

**Code:** DV-9034Z  
**Weight:** 42 lbs (19 kg)

#### With LB-35R Soft Case

**Code:** DV-903LBZ  
**Weight:** 33 lbs (14.8 kg)

#### Contains:

- 1 Rifa-lite 55 (LC-55)
- 1 500w, 120v lamp (EHC)
- 1 Pro-light (P2-10)
- 1 Pro-light 4-way Barndoors (iP-20)
- 1 250w, 120v lamp (GCA)
- 1 Omni-light (O1-10)

- 1 Omni-light 4-way Barndoors (O1-20)
- 1 500w, 120v lamp (FTK)
- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 3 Uni TO Stands (UN-55)
- 1 KS Jr. Stand (DT-33)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Pro & i Gel Frame (iP-40)
- 1 iP Assorted Gels (iP-78)
- 1 Flexi-shaft pkg (2) (T1-50)
- 1 Tota-flag (T1-52)
- 1 Tota-brella (T1-25)
- 1 T/O Lampak (TO-61)
- 1 DP/Tota Lampak (DT-61)
- 1 TO-83 Case



### Super Ambi Kit

**Code:** TORP-955  
**Size:** 29.5 x 17 x 9.75"  
(74.9 x 43.4 x 24.8 cm)  
**Weight:** 57 lbs (25.9 kg)

#### Contains:

- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 2 Omni-lights (O1-10)
- 2 Omni Barndoors (O1-20)
- 2 500w, 120v lamps (FTK)
- 1 Rifa-lite 55 (LC-55)
- 1 500w, 120v lamp (EHC)
- 1 Pro-light (P2-10)
- 1 Pro-light 4-way Barndoors (iP-20)
- 1 250w, 120v lamp (GCA)
- 5 Omni-stands (O1-33)
- 1 KS Jr. Stand (DT-33)
- 1 Omni Full Scrim (O1-54)
- 1 Omni Half Scrim (O1-55)
- 2 Tota-brellas (T1-25)
- 3 Tota-frames (T1-20)

- 2 Assorted Gels (T1-78)
- 1 Pro & i Gel Frame (iP-40)
- 1 Pro & i Gels (iP-78)
- 1 VIP Lampak (VIP-61)
- 1 Tota-flag (T1-52)
- 1 Tota-flector (T1-54)
- 1 Pkgs Flexi-shafts (2) (T1-50)
- 1 Lobo Arm & Lobo (F1-41)
- 1 Tota-tatch (T1-34)
- 1 Tota-mount (T1-32)
- 1 Tota-clamp (T1-30)
- 1 12-yard roll Gaffer-tape (GT-12)
- 1 Tota/Omni Lampak (TO-61)
- 1 DP/Tota Lampak (DT-61)
- 1 O1-86Z Case



The ability to go from carry bag to stand, fully set up in one minute, makes Lowel's Rifa-lite the easiest portable soft-light to use.

Beautiful results are also easy to achieve. In fact, the Kits shown in this catalog were all lit exclusively with Rifa-lites.

Rifa-lite Kits are available for each of the 4 models (250, 500, 750 & 1000w). They come with stands & lamps and have soft case options.

There are also Rifa System Plus Kits, which add the versatile 250w focusing Pro-light as a compact key, accent or backlight to further enhance the Rifa Kit's capabilities. They also have daylight correction gels for both Rifa & Pro.

## Rifa Kits



### Rifa 44 Kit

Code: LC-94Z  
Size: 23.5 x 6.25 x 6.25"  
(59.6 x 15.9 x 15.9 cm)  
Weight: 11 lbs (5 kg)

#### Contains:

- 1 Rifa-lite 44 (LC-44)
- 1 250w, 120v lamp (GCA)
- 1 Uni TO Stand (UN-55)
- 1 ViP Lampak (ViP-61)
- 1 V Shoulder Case (V-85)

### With LB-45 Small Rifa Litebag Soft Case

Code: LC-94LBZ  
Weight: 9 lbs (3.9 kg)



### Rifa 55 Kit

Code: LC-95Z  
Size: 30.75 x 8.5 x 6.5"  
(78.1 x 21.6 x 16.5 cm)  
Weight: 15 lbs (6.8 kg)

#### Contains:

- 1 Rifa-lite 55 (LC-55)
- 1 500w, 120v lamp (EHC)
- 1 KS Jr. Stand (DT-33)
- 1 DP Lampak (D2-61)
- 1 Rifa Small Tube Case (R1-82)

### With LB-45 Small Rifa Litebag Soft Case

Code: LC-95LBZ  
Weight: 11 lbs (4.9 kg)

## Rifa System Plus Kits



### Rifa Pro 44 Kit

Code: LCP-944  
Size: 30.75 x 8.5 x 6.5"  
(78.1 x 21.6 x 16.5 cm)  
Weight: 18 lbs (8.2 kg)

#### Contains:

- 1 Rifa-lite 44 (LC-44)
- 1 250w, 120v lamp (GCA)
- 1 Pro-light (P2-10)
- 1 250w, 120v lamp (GCA)
- 1 Pro-light 4-way Barndoor (iP-20)
- 1 Uni-stands (UN-33)
- 1 Uni TO Stand (UN-55)
- 1 Pro & i Gel Frame (iP-40)
- 1 Pro & i Gels (iP-78)
- 1 Rifa 44 Daylight Gel Set (LC-47)
- 1 ViP Lampak (ViP-61)
- 1 Rifa Small Tube Case (R1-82)

### With LB-45 Small Rifa Litebag Soft Case

Code: LCP-944LB  
Weight: 14.7 lbs (7 kg)



### Rifa Pro 55 Kit

Code: LCP-955  
Size: 30.75 x 8.5 x 6.5"  
(78.1 x 21.6 x 16.5 cm)  
Weight: 21 lbs (9.5 kg)

#### Contains:

- 1 Rifa-lite 55 (LC-55)
- 1 500w, 120v lamp (EHC)
- 1 Pro-light (P2-10)
- 1 250w, 120v lamp (GCA)
- 1 Pro-light 4-way Barndoor (iP-20)
- 1 Pro & i Gel Frame (iP-40)
- 1 Pro & i Gels (iP-78)
- 1 Rifa 55 Daylight Gel Set (LC-57)
- 1 KS Jr. Stand (DT-33)
- 1 Uni-stand (UN-33)
- 1 ViP Lampak (ViP-64)
- 1 DP/Rifa Lampak (D2-61)
- 1 Rifa Small Tube Case (R1-82)

### With LB-45 Small Rifa Litebag Soft Case

Code: LCP-955LB  
Weight: 17 lbs (7.6 kg)

## Rifa Kits

**Rifa 66 Kit****Code: LC-96Z****Size:** 37.75 x 8.5 x 6.5"  
(95.9 x 21.6 x 16.5 cm)**Weight:** 17 lbs (7.7 kg)**Contains:**

- 1 Rifa-lite 66 (LC-66)
- 1 750w, 120v lamp (EHF)
- 1 KS Jr. Stand (DT-33)
- 1 DP Lampak (D2-61)
- 1 Rifa Large Tube Case (R1-83)

**With LB-40 Large  
Rifa Litebag Soft Case****Code: LC-96LBZ****Weight:** 13 lbs (5.9 kg)

## Rifa System Plus Kits

**Rifa Pro 66 Kit****Code: LCP-966****Size:** 37.75 x 8.5 x 6.5"  
(95.9 x 21.6 x 16.5 cm)**Weight:** 23 lbs (10.5 kg)**Contains:**

- 1 Rifa-lite 66 (LC-66)
- 1 750w, 120v lamp (EHF)
- 1 Pro-light (P2-10)
- 1 250w, 120v lamp (GCA)
- 1 Pro-light 4-way Barndoor (IP-20)
- 1 Pro & i Gel Frame, (iP-40)
- 1 KS Jr. Stand (DT-33)
- 1 Uni-stand (UN-33)
- 1 Pro & i Gels (iP-78)

- 1 Rifa 66 Daylight Gel Set (LC-67)
- 1 ViP Lampak (ViP-61)
- 1 DP/Rifa lampak (D2-61)
- 1 Rifa Large Tube Case (R1-83)

**With LB-40 Large  
Rifa Litebag Soft Case****Code: LCP-966LB****Weight:** 19 lbs (8.6 kg)**Rifa 88 Kit****Code: LC-98Z****Size:** 37.75 x 8.5 x 6.5"  
(95.9 x 21.6 x 16.5 cm)**Weight:** 18 lbs (8.2 kg)**Contains:**

- 1 Rifa-lite 88 (LC-88)
- 1 1000w, 120v lamp (FEL)
- 1 KS Stand (KS)
- 1 DP Lampak (D2-61)
- 1 Rifa Large Tube Case (R1-83)

**With LB-40 Large  
Rifa Litebag Soft Case****Code: LC-98LBZ****Weight:** 14 lbs (6.4 kg)**Rifa Pro 88 Kit****Code: LCP-988****Size:** 37.75 x 8.5 x 6.5"  
(95.9 x 21.6 x 16.5 cm)**Weight:** 24 lbs (10.9 kg)**Contains:**

- 1 Rifa-lite 88 (LC-88)
- 1 1000w, 120v lamp (FEL)
- 1 Pro-light (P2-10)
- 1 250w, 120v lamp (GCA)
- 1 Pro-light 4-way Barndoor (iP-20)
- 1 Pro & i Gel Frame (iP-40)
- 1 KS Stand (KS)
- 1 Uni-stand (UN-33)
- 1 Pro & i Gels (iP-78)

- 1 Rifa 88 Daylight Gel Set (LC-87)
- 1 ViP Lampak (ViP-61)
- 1 DP/Rifa Lampak (D2-61)
- 1 Rifa Large Tube Case (R1-83)

**With LB-40 Large  
Rifa Litebag Soft Case****Code: LCP-988LB****Weight:** 20 lbs (9.1 kg)

# Rifa-lite Kits

## Rifa All Soft Kits

For those who want soft key, along with soft fill & soft back light, with quick setup, compact storage &

beautiful output, the Lowel All Soft Kits are the answer. Choose from 2 kits, each containing 3 collapsible

Rifa-lites; either 250, 500 & 750w, or 500, 750 & 1000w with lamps & stands.



### Rifa Small Triple Soft Kit

Code: LC-94564

Size: 29.5 x 17 x 7"

(74.9 x 43.2 x 17.8 cm)

Weight: 37.5 lbs (17 kg)

#### With TO-83 Hard Case

Code: LC-94563

Size: 29.5 x 13 x 7"

(74.9 x 33 x 17.8 cm)

Weight: 34 lbs (15.5 kg)

#### With LB-35 Litebag Soft Case

Code: LC-9456LB

Weight: 28 lbs (12.8 kg)

#### Contains:

- 1 Rifa-lite 66 (LC-66)
- 1 750w, 120v lamp (EHF)
- 1 Rifa-lite 55 (LC-55)
- 1 500w, 120v lamp (EHC)
- 1 Rifa-lite 44 (LC-44)
- 1 250w, 120v lamp (GCA)
- 2 KS Jr. Stands (DT-33)
- 1 Uni TO Stand (UN-55)
- 1 DP/Rifa Lampak (D2-61)
- 1 Total/Omni Case (TO-84Z)

## Rifa Big Triple Soft Kit

Code: LC-9568

Size: 37.5 x 17.75 x 9"

(95.3 x 45.1 x 22.9 cm)

Weight: 47 lbs (21.4 kg)

#### Contains:

- 1 Rifa-lite 88 (LC-88)
- 1 1000w, 120v lamp (FEL)
- 1 Rifa-lite 66 (LC-66)
- 1 750w, 120v lamp (EHF)
- 1 Rifa-lite 55 (LC-55)
- 1 500w, 120v lamp (EHC)
- 1 KS Stand (KS)
- 2 KS Jr. Stands (DT-33)
- 1 DP/Rifa Lampak (D2-61)
- 1 Rifa Multi Case (MCSER)





Lightweight and easy to carry, these popular kits have varying combinations of Pro & V-lights, plus lamps & accessories.

We have updated many ViP & ViP GO Kits, merging them into the combinations presented here. We have also added light controls & mounting accessories to many of the kits to increase their versatility & value.

The smaller kits come with the V-85 or ViP-86 Shoulder Cases, which can be carried in-hand or over-the-shoulder. Their "telescoping" removable lid makes the case expandable.

The majority of the kits come in the GO-85 Case, with its movable velcro partitions for custom kit arrangement. Kits in this case can travel as "carry-on" baggage. Most also come with an air-cushioned carry strap.

All kits have a Litebag soft case option, with movable velcro partitions, as a lightweight cost effective alternative.

If you're looking for even more in a ViP Kit, see the ViP System Plus Kits at the end of this section, which add lights from other Lowel Systems.



### GO Intro-kit

Code: VP-98UZ

Size: 23.75 x 13.5 x 7"  
(60.3 x 34.3 x 17.8 cm)

Weight: 28 lbs (12.7 kg)

#### With LB-30 Soft Case

Code: VP-98ULBZ

Size: 23 x 10.5 x 6.75"  
(58.4 x 26.7 x 17.2 cm)

Weight: 22 lbs (10 kg)

#### Contains:

- 1 V-light (V1-10)
- 1 500w, 120v lamp (GDA)
- 2 Pro-lights (P2-10)
- 2 250w, 120v lamps (GCA)
- 3 Uni-stands (UN-33)
- 2 Pro-light 4-way Barndoors (iP-20)
- 1 Tota-frame (T1-20)
- 1 iP Gel-frame (iP-40)
- 1 Assorted Gels (T1-78)
- 1 Assorted iP Gels (iP-78)
- 1 Tota-brella (T1-25)
- 1 Clear Glass (iP-49)
- 1 iP Diffused Glass & Holder (iP-50H)
- 1 Tota-clamp (T1-30)
- 1 Vipod with Stud-link (ViP-35S)
- 1 ViP Lampak (ViP-61)
- 1 GO-85 Case



### GO Easy V Kit

Code: V1-90UZ

Size: 23.5 x 6.25 x 6.25"

(59.6 x 15.9 x 15.9 cm)

Weight: 14 lbs (6.4 kg)

#### With LB-30 Soft Case

Code: V1-90ULBZ

Size: 23 x 10.5 x 6.75"

(58.4 x 26.7 x 17.2 cm)

Weight: 13.5 lbs (6.1 kg)

#### Contains:

- 2 V-lights (V1-10)
- 2 500w, 120v lamps (GDA)
- 2 Uni-stands (UN-33)
- 1 Tota-brella (T1-25)
- 1 Tota-frame (T1-20)
- 1 Assorted Tota Gels (T1-78)
- 1 ViP Lampak (ViP-61)
- 1 ViP Shoulder Case (V-85)

### GO Pro-visions Kit

Code: GO-92Z

Size: 23.75 x 13.5 x 7"

(60.3 x 34.3 x 17.8 cm)

Weight: 21 lbs (9.5 kg)

#### Contains:

- 2 Pro-lights (P2-10)
- 2 250w, 120v lamps (GCA)
- 2 Pro-light 4-way Barndoors (iP-20)
- 2 Uni-stands (UN-33)
- 1 iP Gel Frame (iP-40)
- 1 iP Assorted Gels (iP-78)
- 1 Tota-brella (T1-25)
- 1 ViP Lampak (ViP-61)
- 1 GO-85 Case

#### With LB-30 Soft Case

Code: GO-92LBZ

Size: 23 x 10.5 x 6.75"

(58.4 x 26.7 x 17.2 cm)

Weight: 15 lbs (6.8 kg)



## ViP Kits

### GO Jet Set Kit

**Code:** VP-97UZ  
**Size:** 23.75 x 13.5 x 7"  
 (60.3 x 34.3 x 17.8 cm)  
**Weight:** 27 lbs (12.3 kg)

**With LB-30 Soft Case**  
**Code:** VP-97ULBZ  
**Size:** 23 x 10.5 x 6.75"  
 (58.4 x 26.7 x 17.2 cm)  
**Weight:** 21 lbs (9.5 kg)

**Contains:**  
 2 V-lights (V1-10)  
 2 500w, 120v lamps (GDA)  
 1 Pro-light (P2-10)  
 1 250w, 120v lamp (GCA)  
 3 Uni-stands (UN-33)  
 1 Pro-light 4-way Barndoor (iP-20)  
 1 Tota frame (T1-20)  
 1 Assorted Tota Gels (T1-78)  
 1 Tota-brella (T1-25)  
 1 Tota-brella (T1-26)  
 1 Clear Glass (iP-49)  
 1 iP Diffused Glass & Holder (iP-50H)  
 1 Vipod with Stud-link (ViP-35S)  
 1 Tota-clamp (T1-30)  
 1 ViP Lampak (ViP-61)  
 1 GO-85 Case



### GO All Pro Kit

**Code:** P1-93UZ  
**Size:** 23.75 x 13.5 x 7"  
 (60.3 x 34.3 x 17.8 cm)  
**Weight:** 29 lbs (13.2 kg)

**With LB-30 Soft Case**  
**Code:** P1-93ULBZ  
**Size:** 23 x 10.5 x 6.75"  
 (58.4 x 26.7 x 17.2 cm)  
**Weight:** 23 lbs (10.5 kg)

**Contains:**  
 3 Pro-lights (P2-10)  
 3 250w, 120v lamps (GCA)  
 3 Pro-light 4-way Barndoors (iP-20)  
 3 Uni-stands (UN-33)  
 2 iP Gel-frames (iP-40)  
 1 Assorted iP Gels (iP-78)  
 1 Tota-brella (T1-25)  
 1 Tota-brella (T1-26)  
 1 Clear Glass (iP-49)  
 1 Swing in Diffuser (iP-50H)  
 1 Swing-in Full Scrim (iP-54H)  
 1 Swing-in Half Scrim (iP-55H)  
 1 Vipod with Stud-link (ViP-35S)  
 1 Tota-clamp (T1-30)  
 1 ViP Lampak (ViP-61)  
 1 GO-85 Case



## ViP System Plus Kits

These add additional fixtures, lamps & accessories creating easy to carry kits with more advanced abilities.

The ViP DV Core Kits add compact, quick setup, ultra-soft Rifa-lites to complement the abilities of the ViP System.

Choose the DV Core 250 Kit to add a 250w Rifa-44 or the DV Core 500 Kit which adds the 500w Rifa-55, along with gel frames & gels, for a compact kit with big possibilities. All ViP Kits come with lamps.

### DV Core 250 Kit

**Code:** DVC-91  
**Size:** 23.75 x 13.5 x 7"  
 (60.3 x 34.3 x 17.8 cm)  
**Weight:** 27 lbs (12.25 kg)

**With TO-83 Case**  
**Code:** DVC-913  
**Weight:** 28 lbs (12.8 kg)

**With LB-30R Soft Case**  
**Code:** DVC-91LB  
**Weight:** 21 lbs (9.5 kg)

**Contains:**  
 1 Pro-light (P2-10)  
 1 250w, 120v lamp (GCA)  
 1 Pro-light 4-way barndoors (iP-20)  
 1 V-light (V1-10)  
 1 500w, 120v lamp (GDA)  
 1 Rifa-lite 44 (LC-44)  
 1 250w, 120v lamp (GCA)  
 2 Uni-stands (UN-33)  
 1 Uni TO Stand (UN-55)  
 1 Tota Frame (T1-20)  
 1 Tota-brella (T1-25)  
 1 Pro & i Gel Frame (iP-40)  
 1 iP-Gels (iP-78)  
 1 Assorted Gels (T1-78)  
 1 Clear Glass (iP-49)  
 1 iP Swing-in Diffuser (iP-50H)  
 1 ViP-Lampak (ViP-61)  
 1 GO-85 Case



### DV Core 500 Kit

**Code:** DVC-92  
**Size:** 23.75 x 13.5 x 7" (60.3 x 34.3 x 17.8 cm)  
**Weight:** 31 lbs (14 kg)

**With LB-35R Soft Case**  
**Code:** DVC-92LB  
**Size:** 30.5 x 11.5 x 8.5"  
 (77.5 x 29.2 x 21.6 cm)  
**Weight:** 25 lbs (11.5 kg)

**Contains:**  
 1 Pro-light (P2-10)  
 1 Pro-light 4-way barndoor (iP-20)  
 1 250w, 120v lamp (GCA)  
 1 V-light, (V1-10)  
 1 500w, 120v lamp (GDA)

1 Rifa-lite 55 (LC-55)  
 1 500w, 120v lamp (EHC)  
 2 Uni-stands (UN-33)  
 1 KS Jr. Stand (DT-33)  
 1 Tota Frame (T1-20)  
 1 Tota-brella (T1-25)  
 1 Assorted Gels (T1-78)  
 1 Pro & i Gel Frame (iP-40)  
 1 iP-Gels (iP-78)  
 1 Clear Glass (iP-49)  
 1 iP Swing-in Diffuser (iP-50H)  
 1 ViP Lampak (ViP-61)  
 1 DP/Rifa Lampak (D2 - 61)  
 1 TO-83 Case

## ViP System Plus Kits

The DV Pro Kits are the most versatile of the ViP System Plus Kits.

They not only add more V & Pro lights, but also a Rifa-44 or Rifa-55 for beautiful soft light that sets up effortlessly in 60 seconds. We've also included lamps and an impressive collection of light control & mounting accessories to give you the creative tools you need. DV Pro Kits come with lamps.

### DV Pro 44 Kit

Code: DVP-94

Size: 29.5 x 17 x 7"

(74.9 x 43.2 x 17.8 cm)

Weight: 46 lbs (21 kg)

#### With LB-35R Soft Case

Code: DVP-94LB

Size: 30.5 x 11.5 x 8.5"

(77.5 x 29.2 x 21.6 cm)

Weight: 37 lbs (16.7 kg)

#### Contains:

- 2 Pro-lights (P2-10)
- 2 Pro-light 4-way barndoors (iP-20)
- 2 250w, 120v lamps (GCA)
- 2 V-light (V1-10)
- 2 500w, 120v lamps (GDA)
- 1 Rifa-lite 44 (LC-44)
- 1 250w, 120v lamp (GCA)
- 1 Tota Frame (T1-20)
- 1 Tota-brella (T1-25)
- 1 Tota-brella (T1-26)
- 4 Uni Stands (UN-33)
- 1 Uni TO Stand (UN-55)
- 1 Assorted Gels (T1-78)
- 1 Pro & i Gel Frame (iP-40)
- 1 iP Assorted Gels (iP-78)
- 1 Clear Glass (iP-49)
- 1 iP-Swing in Diffuser (iP-50h)
- 1 iP-Swing in Full Scrim (iP-54)
- 1 iP-Swing in Half Scrim (iP-55)
- 1 Flag Link (ViP-50)
- 1 Flexi-shaft Pkg. (2) (T1-50)
- 1 Tota-flag (T1-52)
- 1 Tota-Flector (T1-54)
- 1 Tota-tatch (T1-34)
- 1 Tota-clamp (T1-30)
- 1 Tota-mount (T1-32)
- 1 Vipod with Stud-link (ViP-35S)
- 1 Lobo (F1-30)
- 1 Lobo Arm (F1-40)
- 2 ViP Lampak (ViP-61)
- 1 Tota/Omni Case (TO-84Z)



### DV Pro 55 Kit

Code: DVP-95

Size: 29.5 x 17 x 7"

(74.9 x 43.2 x 17.8 cm)

Weight: 49 lbs (22.3 kg)

#### With LB-35R Soft Case

Code: DVP-95LB

Size: 30.5 x 11.5 x 8.5"

(77.5 x 29.2 x 21.6 cm)

Weight: 40 lbs (18 kg)

#### Contains:

- 2 Pro-lights (P2-10)
- 2 Pro 4 way Barndoors (iP-20)
- 2 250w, 120v lamps (GCA)
- 2 V-lights (V1-10)
- 2 500w, 120v lamps (GDA)
- 1 Rifa-lite 55 (LC-55)
- 1 500w, 120v lamp (EHC)
- 1 Tota Frame (T1-20)
- 1 Tota-brella (T1-25)
- 1 Tota-brella (T1-26)
- 4 Uni Stands (UN-33)
- 1 KS Jr. Stand (DT-33)
- 1 Assorted Gels (T1-78)
- 1 Pro & i Gel Frame (iP-40)
- 1 iP-Gels (iP-78)
- 1 Clear Glass (iP-49)
- 1 iP Swing-in Diffuser (iP-50h)
- 1 iP Swing-in Full Scrim (iP-54)
- 1 iP Swing-in Half Scrim (iP-55)
- 1 Flag Link (ViP-50)
- 1 Flexi-shaft Pkg. (2) (T1-50)
- 1 Tota-flag (T1-52)
- 1 Tota-Flector (T1-54)
- 1 Tota-tatch (T1-34)
- 1 Tota Clamp (T1-30)
- 1 Tota-mount (T1-32)
- 1 Vipod with Stud-link (ViP-35S)
- 1 Lobo (F1-30)
- 1 Lobo Arm (F1-40)
- 2 ViP-Lampaks (ViP-61)
- 1 DP/Rifa Lampak (D2-61)
- 1 Tota/Omni Case (TO-84Z)





These classic Lowel workhorse kits have continually been among our most popular. Tota Kits feature the 180° broad throw Tota which quickly converts to soft key or fill by using a reflective umbrella.

Omni Kits feature the 500w focusable Omni, with & without accessories. Tota/Omni Kits feature varying combinations of Totas, Omnis, with accessories. Check the Tota/Omni System Plus Kits for

Core Kits that add a quick set-up Rifa soft light and accessories for added versatility. All Tota/Omni Kits now come with lamps.

## Tota-light Kits



### TO GO 95 Kit

**Code:** GO-95Z  
**Size:** 23.75 x 13.5 x 7"  
(60.3 x 34.3 x 17.8 cm)  
**Weight:** 22 lbs (10 kg)

**With T1-82 Tube Case**  
**Code:** GO-952Z  
**Size:** 30.75 x 8.5 x 6.5"  
(78.1 x 21.6 x 6.5 cm)  
**Weight:** 19 lbs (8.6 kg)

**With LB-30 Soft Case**  
**Code:** GO-95LBZ  
**Size:** 23 x 10.5 x 6.75"  
(58.4 x 26.7 x 17.2 cm)  
**Weight:** 16 lbs (7.2 kg)

**Contains:**  
2 Tota-lights (T1-10)  
2 750w, 120v lamps (EMD)  
2 Uni TO Stands (UN-55)  
1 Tota-brella (T1-25)  
1 Tota-frame (T1-20)  
1 Assorted Gels (T1-78)  
1 Tota Lampak (T1-61)  
1 GO-85 Case



### Trans-kit

**Code:** T1-923Z  
**Size:** 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)  
**Weight:** 29 lbs (13.2 kg)

**With LB-35 Soft Case**  
**Code:** T1-923LBZ  
**Size:** 30.5 x 11.5 x 8.5"  
(77.5 x 29.2 x 21.6 cm)  
**Weight:** 23.25 lbs (10.6 kg)

**Contains:**  
3 Tota-lights (T1-10)  
3 750w, 120v lamps (EMD)  
3 Omni-stands (01-33)  
3 Tota-brellas (T1-25)  
1 Tota Lampak (T1-61)  
1 Tota/Omni Case (T0-83)

## Omni-light Kits

### Omni 3 Kit

**Code:** O1-93Z  
**Size:** 29.5 x 17 x 7"  
(74.9 x 43.2 x 17.8 cm)  
**Weight:** 37 lbs (16.8 kg)

**With LB-35 Soft Case**  
**Code:** O1-93LBZ  
**Size:** 30.5 x 11.5 x 8.5"  
(77.5 x 29.2 x 21.6 cm)  
**Weight:** 31 lbs (14.2 kg)

**Contains:**  
3 Omni-lights, (01-10)  
3 500w, 120v lamps (FTK)  
3 Omni-stands (01-33)  
3 Omni-Barndoors (01-20)  
2 Full Scrims (01-54)  
1 Half Scrim (01-55)  
1 Tota-brella (T1-25)  
3 Tota-frames, T1-20)  
2 Assorted Gels (T1-78)  
1 Tota-mount (T1-32)  
1 Tota-clamp (T1-30)  
1 12-yard roll Gaffer-tape (GT-12)  
1 Omni Lampak (01-61)  
1 Tota/Omni Case (T0-84Z)



### TO GO 96 Kit

**Code:** GO-96Z  
**Size:** 23.75 x 13.50 x 7"  
(60.3 x 34.3 x 17.8 cm)  
**Weight:** 24 lbs (10.7 kg)

**With LB-30 Soft Case**  
**Code:** GO-96LBZ  
**Size:** 23 x 10.5 x 6.75"  
(58.4 x 26.7 x 17.2 cm)  
**Weight:** 17.75 lbs (8 kg)

**Contains:**  
2 Omni-lights (01-10)  
2 Omni Barndoors (01-20)  
2 500w, 120v lamps (FTK)  
1 Tota-frame (T1-20)  
1 Assorted Gels (T1-78)  
1 Tota-brella (T1-25)  
2 Uni TO Stands (UN-55)  
1 Omni Lampak (01-61)  
1 GO-85 Case



## Tota/Omni Kits

**Solo Kit****Code: TO-96Z****Size:** 29.5 x 17 x 9.75"  
(74.9 x 43.2 x 24.8 cm)**Weight:** 65 lbs (29.5 kg)**Contains:**

- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 4 Omni-lights (01-10)
- 4 500w, 120v lamps (FTK)
- 2 #3 Superspot Reflectors (01-17)
- 5 Omni-stands (01-33)
- 4 Omni Barndoors (01-20)

- 2 Diffused Glass (01-50)
- 2 Full Scrims (01-54),
- 2 Half Scrims (01-55),
- 1 Graduated Scrim (01-56)
- 1 Cookaloris (01-57)
- 3 Tota-brellas (T1-25)
- 6 Tota-frames (T1-20)
- 3 Assorted Gels (T1-78)
- 1 Lightflector with Tilter (LFT)
- 4 Tota-flags (T1-52)
- 1 Tota-flector (T1-54)
- 4 Flexi-shafts (2 pks) (T1-50)
- 1 Tota-mount (T1-32)
- 2 Tota-clamps (T1-30)
- 1 Large Space Clamp (SC-10)
- 2 Tota-latches (T1-34)
- 2 Scissor-mounts (CM-20)
- 1 12-yard roll Gaffer-tape (GT-12)
- 2 Screw-in Studs 1 pkg (LSS)
- 2 Tota/Omni Lampaks (TO-61)
- 1 Omni Case (01-86Z)



## Omni-light Kits

**Action Kit****Code: 01-92Z****Size:** 29.5 x 17 x 7"  
(74.9 x 43.2 x 17.8 cm)  
**Weight:** 33 lbs (15 kg)**With TO 83 Case****Code: 01-923Z**  
**Size:** 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)  
**Weight:** 30 lbs (13.4 kg)**With LB-35 Soft Case****Code: 01-92LBZ**  
**Size:** 30.5 x 11.5 x 8.5"  
(77.5 x 29.2 x 21.6 cm)  
**Weight:** 24 lbs (10.8 kg)**Contains:**

- 3 Omni-lights (01-10)
- 3 500w, 120v lamps (FTK)
- 3 Omni-stands (01-33)
- 3 Omni Barndoors (01-20)
- 1 Omni Lampak (01-61)
- 1 Tota/Omni Case (TO-84Z)

**Omni 4 Kit****Code: 01-95Z****Size:** 29.5 x 17 x 9.75"  
(74.9 x 43.2 x 24.8 cm)  
**Weight:** 43 lbs (19.5 kg)**With TO 83 Case****Code: 01-953Z**  
**Size:** 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)  
**Weight:** 37 lbs (16.8 kg)**Contains:**

- 4 Omni-lights (01-10)
- 4 500w, 120v lamps (FTK)
- 4 Omni-stands (01-33)
- 4 Omni Barndoors (01-20)
- 1 Omni Lampak (01-61)
- 1 Omni Case (01-86Z)

**TO GO 97 Kit****Code: GO-97Z****Size:** 23.75 x 13.50 x 7"  
(60.3 x 34.3 x 17.8 cm)  
**Weight:** 28 lbs (12.7 kg)**With LB-30 Soft Case****Code: GO-97LBZ**  
**Size:** 23 x 10.5 x 6.75"  
(58.4 x 26.7 x 17.2 cm)  
**Weight:** 22 lbs (10 kg)**Contains:**

- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 1 Omni-light (01-10)
- 1 Omni Barndoor (01-20)
- 2 500w, 120v lamps (FTK)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota-brella (T1-25)
- 1 Omni Full Scrim (01-54)
- 3 Uni TO Stands (UN-55)
- 1 Tota/Omni Lampak (TO-61)
- 1 GO-85 Case



## Tota/Omni Kits



### TO GO 98 Kit

Code: GO-98Z

Size: 23.75 x 13.50 x 7"  
(60.3 x 34.3 x 17.8 cm)

Weight: 29 lbs (13.2 kg)

#### With LB-30 Soft Case

Code: GO-98LBZ

Size: 23 x 10.5 x 6.75"  
(58.4 x 26.7 x 17.2 cm)

Weight: 23 lbs (10.5 kg)

#### Contains:

- 2 Omni-lights (01-10)
- 2 Omni Barndoors (01-20)
- 2 500w, 120v lamps (FTK)
- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 2 Tota-frames (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota-brella (T1-25)
- 1 Omni Full Scrim (01-54)
- 1 Omni Diffused Glass (01-50)
- 3 Uni TO Stands (UN-55)
- 1 Tota/Omni Lampak (T0-61)
- 1 GO-85 Case (GO-85)



### Elemental Kit

Code: TO-983Z

Size: 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)

Weight: 31 lbs (14.1 kg)

#### With LB-35 Soft Case

Code: TO-98LBZ

Size: 30.5 x 11.5 x 8.5"  
(77.5 x 29.2 x 21.6 cm)

Weight: 25 lbs (11.5 kg)

#### Contains:

- 1 Tota-light, (T1-10)
- 1 750w, 120v lamp (EMD)
- 2 Omni-lights, (01-10)
- 2 500w, 120v lamp (FTK)
- 3 Omni-stands (01-33)
- 2 Omni Barndoors (01-20)
- 1 Full Scrim (01-54)
- 1 Omni Diffused Glass (01-50)
- 1 Tota-brella (T1-25)
- 2 Tota-frames (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota/Omni Lampak (T0-61)
- 1 Tota/Omni Case (T0-83)

## Tota/Omni System Plus Kits

Combining the focusing ability of the Omni-light and the broad throw of the Tota-light with the quick set-up Rifa-lite soft source, has created the Tota/Omni Core Kits.

There are now 2 to choose from, with either 250w Rifa-44, or 500w Rifa-55. Both have also been enhanced with added light control & mounting accessories, plus they now come with lamps.

### Tota/Omni Core 44 Kit

Code: TOR-943

Size: 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)

Weight: 31 lbs (14.2 kg)

#### With LB-35R Soft Case

Code: TOR-94LB

Size: 30.5 x 11.5 x 8.5"  
(77.5 x 29.2 x 21.6 cm)

Weight: 24 lbs (10.9 kg)

#### Contains:

- 1 Tota-light (T1-10),
- 1 750w, 120v lamp (EMD)
- 1 Omni-light (01-10)
- 1 Omni Barndoor (01-20)
- 1 500w, 120v lamp (FTK)

- 1 Rifa-lite 44 (LC-44)
- 1 250w, 120v lamp (GCA)
- 3 Uni TO Stands (UN-55)
- 1 Tota Frame (T1-20)
- 1 Tota-brella (T1-25)
- 1 Assorted Gels (T1-78)
- 1 Tota-clamp (T1-30)
- 1 Tota-mount (T1-32)
- 1 Omni Diffused Glass (01-50)
- 2 Tota-shades (T1-21)
- 1 Tota/Omni Lampak (T0-61)
- 1 ViP Lampak (ViP-61)
- 1 TO-83 Case (TO-83)



## Tota/Omni Kits

**Basically 3 Kit****Code: TO-973Z****Size:** 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)**Weight:** 30 lbs (13.6 kg)**With LB-35 Soft Case****Code: TO-973LBZ****Size:** 30.5 x 11.5 x 8.5"  
(77.5 x 29.2 x 21.6 cm)**Weight:** 24 lbs (11 kg)**Contains:**

- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 1 Omni-light (O1-10)
- 1 500w, 120v lamp (FTK)
- 3 Omni-stands (O1-33)
- 1 Omni Barndoor (O1-20)
- 1 Full Scrim (O1-54)
- 2 Tota-brellas (T1-25)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota/Omni Lampak (TO-61)
- 1 Tota/Omni Case (TO-83)

**Ambi Kit\*****Code: TO-95Z****Size:** 29.5 x 17 x 7"  
(74.9 x 43.2 x 17.8 cm)**Weight:** 43 lbs (19.5 kg)\*also available-Super  
Ambi Kit. See page 53**Contains:**

- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 2 Omni-lights (O1-10)
- 2 500w, 120v lamps (FTK)
- 4 Omni stands (O1-33)
- 2 Omni Barndoors (O1-20)
- 2 Full Scrims (O1-54)
- 1 Half Scrim (O1-55)
- 2 Tota-brellas (T1-25)
- 4 Tota-frames (T1-20)
- 2 Assorted Gels (T1-78)
- 2 Tota-flags (T1-52)
- 1 Tota-flector (T1-54)
- 4 Flexi-shafts 2 pkgs (T1-50)
- 1 Tota-tatch (T1-34)
- 1 Tota-mount (T1-32)
- 2 Tota-clamps (T1-30)
- 1 12-yard roll Gaffer-tape (GT-12)
- 2 Tota/Omni Lampaks (TO-61)
- 1 Tota/Omni Case (TO-84Z)

## Tota/Omni System Plus Kits

**Tota/Omni Core 55 Kit****Code: TOR-95Z****Size:** 29.5 x 13 x 7"  
(74.9 x 33 x 17.8 cm)  
**Weight:** 34 lbs (15.5 kg)**With LB-35R Soft Case****Code: TOR-95LBZ****Size:** 30.5 x 11.5 x 8.5"  
(77.5 x 29.2 x 21.6 cm)  
**Weight:** 28 lbs (12.8 kg)**Contains:**

- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 1 Omni-light (O1-10)
- 1 Omni Barndoor (O1-20)
- 1 500w, 120v lamp (FTK)
- 1 Rifa-lite 55 (LC-55)
- 1 500w, 120v lamp (EHC)
- 1 Omni Diffuse Glass (O1-52)
- 1 T/O Assorted Gels (T1-78)
- 2 Omni-stands (O1-33)
- 1 KS Jr. Stand (DT-33)
- 1 Tota Frame (T1-20)
- 2 Tota-shades (T1-21)
- 1 Tota-brella (T1-25)
- 1 Tota-clamp (T1-30)
- 1 Tota-mount (T1-32)
- 1 Tota/Omni Lampak (TO-61)
- 1 DP/Rifa Lampak (D2-61)
- 1 Tota/Omni 83 Case (TO-83)





## DP Light Kits

The high output, variable focus, DP Light is available in a wide range of kit possibilities. There are 4 DP Kits with various combinations of DP's and accessories, including lamps. 3 of them are housed with KS Stands in the rugged & spacious Multi Case, the 4th with KS Jr. Stands in the more compact DP3 Case.

In addition, the DP System Plus Kits feature the compact DP&T Kit which combines the focusing ability of the DP with the wide angle throw of Tota-lights and added accessories, plus lamps. Or for a kit that adds the 60 second set-up & beautiful output of a Rifa softlight and an assortment of light control & mount accessories, move on up to the DP Super Remote Kit.

### DP 3 Kit

Code: D2-93Z

Size: 37.5 x 17.75 x 9"  
(95.3 x 45.1 x 22.9 cm)

Weight: 45 lbs (20.5 kg)

#### Contains:

- 3 DP Lights (D2-10)
- 3 120v 1000w lamps (FEL)
- 3 KS Stands (KS)
- 3 DP Barndoors (D2-20)
- 1 DP Lampak (D2-61)
- 1 Multi Case (MCSEM)



### DP 4 Kit

Code: D2-94Z

Size: 37.5 x 17.75 x 9"  
(95.3 x 45.1 x 22.9 cm)

Weight: 54 lbs (24.5 kg)

#### Contains:

- 4 DP Lights (D2-10)
- 4 1000w, 120v lamps (FEL)
- 4 KS Stands (KS)
- 4 DP Barndoors (D2-20)
- 1 DP Lampak (D2-61)
- 1 Multi Case (MCSEM)



### Close Quarters Kit

Code: D2-97Z

Size: 37.5 x 17.75 x 9"  
(95.3 x 45.1 x 22.9 cm)

Weight: 57 lbs (25.9 kg)

#### Contains:

- 4 DP Lights (D2-10)
- 4 1000w, 120v lamps (FEL)
- 4 KS Stands (KS)
- 1 #3 Superspot Reflector (D2-17)
- 4 DP Barndoors (D2-20)
- 2 Full Scrims (D2-54)
- 1 Half Scrim (D2-55)
- 1 Graduated Scrim (D2-56)
- 2 DP Frames (D2-24)
- 1 Mixed Gels (D2-78)
- 1 Day Blue Gels (D2-70)
- 1 Large Space-clamp (SC-10)
- 1 DP Lampak (D2-61)
- 1 Multi Case (MCSEM)



### DP3 Jr. Kit

Code: DPT-93Z

Size: 29.5 x 17 x 9"  
(74.9 x 43.2 x 22.9 cm)

Weight: 47 lbs (21.4 kg)

#### Contains:

- 3 DP Lights (D2-10)
- 3 DP Barndoors (D2-20)
- 3 1000w, 120v lamps (FEL)
- 3 KS Jr. Stands (DT-33)
- 2 DP-brella (D2-25)
- 1 Lobo (F1-30)
- 1 Tota Clamp (T1-30)
- 1 DP Diffused Glass (D2-50)
- 1 DP Full Scrim (D2-54)
- 1 DP Graduated Scrim (D2-56)
- 1 DP Frame (D2-24)
- 1 DP Mixed Gel (D2-78)
- 1 Large Space Clamp (SC-10)
- 1 DP Lampak (D2-61)
- 1 DP3 Case (DT-84M)



## DP System Plus Kits

## DP Super Remote Kit

Code: D2-96Z

Size: 37.5 x 17.75 x 9"  
(95.3 x 45.1 x 22.9 cm)

Weight: 62 lbs (28.2 kg)

## Contains:

- 2 DP Lights (D2-10)
- 2 DP Barndoors (D2-20)
- 2 1000w, 120v lamps (FEL)
- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 1 Rifa-lite 88 (LC-88)
- 1 1000w, 120v lamp (FEL)
- 1 #3 Superspot Reflector (D2-17)
- 1 Diffused Glass (D2-50)
- 1 Full Scrim (D2-54)
- 1 Graduated Scrim (D2-56)
- 2 DP Brellas (D2-25)
- 1 DP Frame (D2-24)
- 1 DP Mixed Gels (D2-78)
- 1 Light-flector with Tilter (LFT)
- 1 Tota-flag (T1-52)
- 1 Tota Frame (T1-20)
- 1 T/O Assorted Gels (T1-78)
- 2 Flexi-shafts (T1-50)
- 1 Tota Clamp (T1-30)
- 1 Large Space-clamp (SC-10)
- 1 KS Stand (KS)
- 3 KS Jr. Stands (DT-33)
- 1 DP/Rifa Lampak (D2-61)
- 1 Tota Lampak (T1-61)
- 1 Multi Case (MCSEM)



## Mini-DP&amp;T Kit

Code: DPT-90Z

Size: 23.8 x 13.5 x 10.8"  
(60.4 x 34.3 x 27.3 cm)

Weight: 31 lbs (14.1 kg)

## Contains:

- 1 DP Light (D2-10)
- 1 DP Barndoors (D2-20)
- 1 1000w, 120v lamp (FEL)
- 2 Tota-lights (T1-10)
- 2 750w, 120v lamps (EMD)
- 1 Tota Frame (T1-20)
- 2 Tota Shades (T1-21),
- 1 Assorted Gels (T1-78)
- 1 Tota Clamp (T1-30)
- 1 Tota-brella (T1-25)
- 1 DP Diffused Glass (D2-50)
- 1 DP Frame (D2-24)
- 1 DP Mixed Gels (D2-78)
- 1 Uni Sr. Stands (UN-66)
- 2 Uni TO Stands (UN-55)
- 1 DP/Tota Lampak (DT-61)
- 1 DP-Uni Case (DT-83)



## DP Core 95 Kit

Code: DPR-95Z

Size: 29.5 x 17 x 9"  
(74.9 x 43.2 x 22.9 cm)

Weight: 43 lbs (19.5 kg)

## Contains:

- 1 DP Light (D2-10)
- 1 1000w, 120v lamp (FEL)
- 1 DP Barndoor (D2-20)
- 1 Rifa-lite 55 (LC-55)
- 1 500w, 120v lamp (EHC)
- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 3 KS Jr. Stands (DT-33)
- 1 Tota Frame (T1-20)
- 1 DP-brella (D2-25)
- 1 Lobo (F1-30)
- 1 Assorted Gels (T1-78)
- 1 Tota Clamp (T1-30)
- 1 DP Diffused Glass (D2-50)
- 2 Tota Shades (T1-21)
- 1 DP Frame (D2-24)
- 1 DP Mixed Gels (D2-78)
- 1 DP/Tota Lampak (DT-61)
- 1 DP Lampak (D2-61)
- 1 DP 3 Case (DT-84M)



## DP Core 96 Kit

Code: DPR-96Z

Size: 29.5 x 17 x 9"  
(74.9 x 43.2 x 22.9 cm)

Weight: 44 lbs (20 kg)

## Contains:

- 1 DP Light (D2-10)
- 1 DP Barndoor (D2-20)
- 1 1000w, 120v lamp (FEL)
- 1 Rifa-lite 66 (LC-66)
- 1 750w, 120v lamp (EHF)
- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 3 KS Jr. Stands (DT-33)
- 1 Tota Frame (T1-20)
- 1 DP-brella (D2-25)
- 1 Lobo (F1-30)
- 1 Assorted Gels (T1-78)
- 1 Tota Clamp (T1-30)
- 1 DP Diffused Glass (D2-50)
- 2 Tota Shades (T1-21)
- 1 DP Frame (D2-24)
- 1 DP Mixed Gels (D2-78)
- 1 DP/Tota Lampak (DT-61)
- 1 DP Lampak (D2-61)
- 1 DP-3 Case (DT-84M)



## DP Core 98 Kit

Code: DPR-98Z

Size: 37.5 x 17.75 x 9"  
(95.3 x 45.1 x 22.9 cm)

Weight: 49 lbs (22.3 kg)

## Contains:

- 1 DP Light (D2-10)
- 1 DP Barndoor (D2-20)
- 1 1000w, 120v lamp (FEL)
- 1 Rifa-lite 88 (LC-88)
- 1 1000w, 120v lamp (FEL)
- 1 Tota-light (T1-10)
- 1 750w, 120v lamp (EMD)
- 2 KS Jr. Stands (DT-33)
- 1 KS Stand (KS)
- 1 Tota Frame (T1-20)
- 1 DP-brella (D2-25)
- 1 Lobo (F1-30)
- 1 Assorted Gels (T1-78)
- 1 Tota Clamp (T1-30)
- 1 DP Diffused Glass (D2-50)
- 2 Tota Shades (T1-21)
- 1 DP Frame (D2-24)
- 1 DP Mixed Gels (D2-78)
- 1 DP/Tota Lampak (DT-61)
- 1 DP Lampak (D2-61)
- 1 Tota Foam Insert (MCSE3)
- 1 Multi Case (MCSEM)



## Caselite Kits

**Caselites are both light & kit combined. They take advantage of their unique ability to store the sturdy yet compact Uni Sr. Stand plus mounting hardware**

### Caselite2 Kit

**Tungsten Kit**  
Code: CF-92TU

**Daylight Kit**  
Code: CF-92DA

**Size:** 23.8 x 7.7 x 8.4"  
(60.5 x 19.6 x 21.3 cm)  
**Weight:** 18 lbs (8.2 kg)

#### Each Kit Contains:

- 1 Caselite2 (CF-20) with either daylight or tungsten balanced Osram Studioline fluorescent lamps
- 1 Uni Sr. Stand (UN-66)



**& lamps in their lids. There are 2 kits available, each with a choice of tungsten or daylight corrected fluorescent lamps.**

### Caselite4 Kit

**Tungsten Kit**  
Code: CF-94TU

**Daylight Kit**  
Code: CF-94DA

**Size:** 23.8 x 12.8 x 7.9"  
(60.5 x 32.5 x 20.1 cm)  
**Weight:** 25 (11.4 kg)

#### Each Kit Contains:

- 1 Caselite4 (CF-40) with either daylight or tungsten balanced Osram Studioline fluorescent lamps
- 1 Uni Sr. Stand (UN-66)



## Scandles Kit

**The LowelScandles Kit combines the unique 8-lamp cluster of the Scandles light with collapsible cone reflector/softbox in a 2 light Kit, with a choice of tungsten or daylight corrected fluorescent lamps.**

### LowelScandles Two Light Kit

**Tungsten Kit**  
Code: LSF-92TU

**Daylight Kit**  
Code: LSF-92DA

**Size:** 37.5 x 17.8 x 10.8"  
(95.3 x 45.1 x 27.3 cm)  
**Weight:** 50 lbs (22.7 kg)

#### Each Kit Contains:

- 2 LowelScandles Lights (LSF-05TU or LSF-05DA) with either tungsten or daylight balanced fluorescent lamps, collapsible cones & diffusers
- 2 KS Jr. Stands (DT-33)
- 1 Big Scandle Case (LSF-82)



## L-light Kit

**The tiny L-light is a highly versatile accent option. With its mounting plate & stand-fitting possibilities, it can light from just about anywhere you can run a power cable.**

**L-lights are available in kit form with accessories and your choice of hard or soft case. A perfect secondary kit to complement any larger kit, you'll be surprised how many times you pull them out to solve tricky little lighting problems.**

### L-light Mid-L Kit

**Code:** L1-93U  
**Size:** 30.5 x 8.5 x 6.5"  
(78.1 x 21.6 x 16.5 cm)  
**Weight:** 13 lbs (5.9 kg)

**With GO-85 Case**  
**Code:** L1-93U5  
**Weight:** 16 lbs (7.2 kg)

**With LB-30 Soft Case**  
**Code:** L1-93ULB  
**Weight:** 10 lbs (4.4 kg)

- Each Kit Contains:**
- 3 L-lights with Stand-links & cables (L2-10)
  - 2 Home-plates (L1-32)
  - 1 12-yd. roll Gaffer-tape (GT-12)
  - 1 Scissor-mounts set of 2 (CM-20)
  - 3 4-way Clip-on Barndoors (L1-20)
  - 1 Gel-jawz pkg of 8 (CL-15)



- 2 iP Gel packs (Day Blue IP-70 & Frost IP-72)
- 2 Uni-stands (UN-33)
- 1 Tube Case (T1-82)

Less lamps

## Light, Lamp, Stand, &...

Think of Light Paks as a single light kit without a case.

If you are travelling really light, or have room in another kit & need an additional fixture, take a look at the Light Paks.

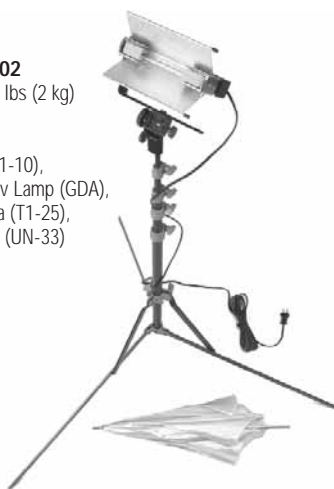
1 Light, recommended stand, with barndoors or umbrella, and recommended lamp.

Priced at a savings over a la carte purchase, they can be a simple solution to your lighting needs.

### V Pak

Code: V1-102  
Weight: 4.5 lbs (2 kg)

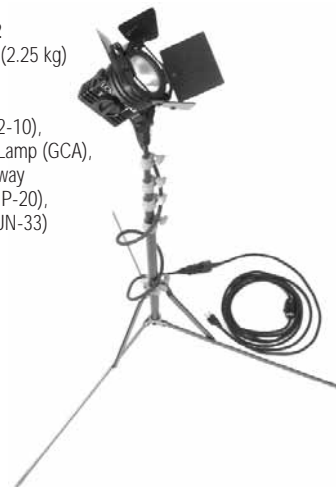
Contains:  
1 V-light (V1-10),  
1 500w 120v Lamp (GDA),  
1 Tota-brella (T1-25),  
1 Uni-stand (UN-33)



### Pro Pak

Code: P2-102  
Weight: 5 lbs (2.25 kg)

Contains:  
1 Pro-light (P2-10),  
1 250w 120v Lamp (GCA),  
1 Pro-light 4-way Barndoors (IP-20),  
1 Uni-stand (UN-33)



### Tota Pak

Code: T1-102  
Weight: 5.5 lbs (2.5kg)

Contains:  
1 Tota-light (T1-10),  
1 750w, 120v Lamp (EMD),  
1 Uni TO Stand (UN-55),  
1 Tota-brella (T1-25)



### Omni Pak

Code: O1-102  
Weight: 6 lbs (2.75 kg)

Contains:  
1 Omni-light O1-10,  
1 500w, 120v Lamp (FTK),  
1 Uni TO Stand (UN-55),  
1 Omni Barndoor (O1-20)



### DP Pak

Code: D2-102  
Weight: 8.5 lbs (4 kg)

Contains:  
1 DP Light (D2-10),  
1 1000w 120v Lamp (FEL),  
1 KS Jr. Stand (DT-33),  
1 DP Barndoors (D2-20)

### Fren-L Pak

Code: FR1-102  
Weight: 12 lbs (5.5 kg)

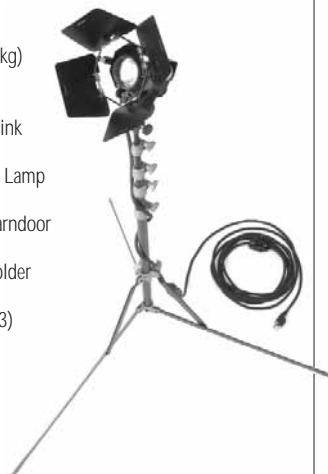
Contains:  
1 Fren-L w/barndoor (FR1-10),  
1 650w 120v Lamp (FRK),  
1 KS Stand (KS)



### L-light Pak

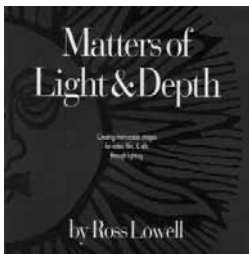
Code: L2-102  
Weight: 4.5 lbs (2 kg)

Contains:  
1 L-light w/Stand-link (L2-10),  
1 100w 120v Flood Lamp (L1-100F),  
1 4-way Clip on Barndoor (L1-20),  
1 Clear Glass w/Holder (LI-52H),  
1 Uni-stand (UN-33)



## Matters of Light and Depth

Ross Lowell



Called “essentially practical & practically essential”, Ross Lowell's critically acclaimed *Matters of Light & Depth* is published by Lowel-Light. Filled with illustrations, photographs, and decades of real world experience, the book has become a valuable resource for all those interested in expanding their knowledge of lighting.

## Hard & Soft Light

*Key considerations*

**E. Carlton Winckler**  
Television lighting utilizes a high percentage of hard lights because of their ability to project their light from convenient locations overhead and at the sides of the playing areas.

**Vilmos Zsigmond**  
I do not like to light with hard sources anymore unless that is the way it is in real life. [FL]

**Haskell Wexler**  
To be able to light well in hard light makes the soft lighting a piece of cake, because a soft light is very forgiving. [FL]

**T**he difference between the quality of hard and soft light is like that between sunlight and overcast sky light. Not only are their effects different, but so are the tools and many of the techniques used to achieve these effects.



The hard back light I used for this sequence dramatized the dancers' shadows and swirling skirts. (Still from *Suleiman the Magnificent*.)



Soft lights that are at least as large as the subject and that are relatively close to it produce a gradual transition from highlight to shadow, yielding a subtle gradation of tones.

“A brilliantly effective teaching tool... witty, beautifully designed... plus it's user friendly...”

**Tom McDonough**,  
cinematographer and author, “*Light Years*”

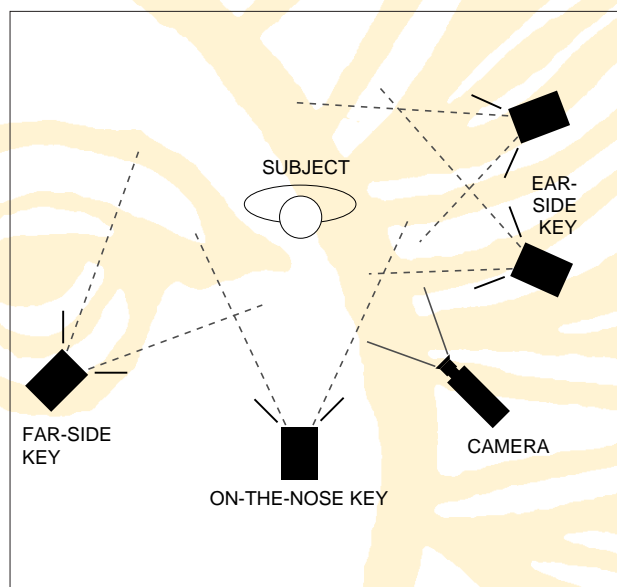
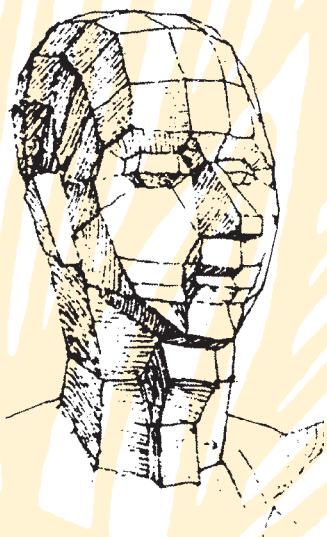


## The Range of the Book

The author is a multi-award-winning cinematographer and Academy Award-winning lighting equipment inventor who has taught photographic lighting to both students and pros. In addition to his own techniques, photos, and "light philosophy," Ross Lowell interweaves the insights and images of distinguished lighting directors, photographers, filmmakers and classic painters.

Some of the subjects explored include:

- Color Temperature Matters
- Hearing the Light
- Lighting Planes
- Lighting People
- Meter Matters
- Finessing the Light
- Motivating the Light
- Two-Light Techniques
- The One-Light Approach
- Setting Up a Small Studio
- Superior Exterior Lighting
- The Art & Craft of Lighting Craft & Art
- Best Ways to Achieve the Worst Lighting



## Reviews

"Ross has squeezed a lifetime of lighting experience and insight into one inspiring volume... While it focuses on the inexperienced reader, it also helps those of us who have been lighting for decades to understand why we do it the way we do it."

**Gill McDowell,**  
*lighting director/gaffer*

"Ross Lowell has spent his life learning and teaching about light... [This book] should be owned by everyone who has any kind of camera... The reward for reading just a few chapters... will surely be better pictures... Mr. Lowell's writing... has a lyrical and spiritual dimension that is inspiring..."

**John Durniak,**  
*"Valuable Lessons from a Master of Light,"  
The New York Times*

"As a teacher, I particularly value several chapters, such as Lighting by Numbers, In Broad Daylight, Dynamic Lighting of Static Subjects, Shedding Light, and Lights-On Lessons. These sections are teeming with the kind of applied wisdom that students are starving for. I enjoyed reading it; better yet, I learned a lot from it."

**Charles Merzbacher,**  
*professor, New York University,  
Dept. of Film & TV*

"I am still citing Ross Lowell as the sensitive character who knew what light and movement were all about. This book confirms it."

**Peter Jennings,**  
*anchorman, ABC News*



"The two hard reflectors that redirected sun through the far window solved the problem of how to light the long corridor dramatically and quickly while maintaining the anonymity of resident juvenile prisoners."

## The Details of the Book

**Code:** BL-10

**Size:** 9" x 9"

**Cover:** Coated cover stock

**Pages:** 224, two-color throughout

**ISBN#:** 0-9662504-0-0

**Subject:** Video, film and still lighting and composition

**Glossary:** Approximately 500 entries

**Images:**

Full color pages—26

Photos—115

Paintings—12

Engravings—80

Diagrams—50



The following is an edited glossary from one of our previous catalogs. We are reprinting it here by popular demand. A fully updated & expanded version is available in Ross Lowell's book, **Matters of Light & Depth**.

## A

### Accent Light

Should call attention to an object or an area—not the lighting.

### Aims of Lighting

To enhance mood, atmosphere and drama; separate planes; suggest depth; reveal character and texture; enrich and, occasionally, bedazzle. Minimum aim: to motivate micro chips and silver halides.

### Ambient Light

Natural light is mostly available light which is really ambient light; but don't spread the word. Our business needs all the mystery it can muster and ambient is even better than Cucoloris.

### Amp. Calculations

Amps=watts÷volts. So, when the no-nonsense electrician asks: "How many amps will you need at 120v?"—divide the maximum watts you expect to use, by 100 (it has a built-in safety-factor and you won't have to hunt for a pencil). If you don't know watts-what, you'll blow it—with the electrician, at least.

### Angle of Light

The angle formed between the Light-subject axis and camera-subject axis. Both horizontal (H) and vertical (V) should be specified. Examples: Camera-top Light about 0 degrees H, 5 V; Rim-light 180 degrees H&V; Key-light commonly 15 to 45 degrees H&V.

### Attributes of Light

Every source has five main attributes which affect the quality of light emitted and the overall lighting-look: 1) Hard or Soft (or in between); 2) Intensity; 3) Direction; 4) Color and 5) Beam Pattern. All but color are affected by the light's Size and Distance.

### Available Light

Existing interior light often looks great, especially when we're pressed for time. Before committing, what are the odds that the available light will last as long as your shooting will? Tip: Keep a few lights available—in case.

## B

### Background Light

Reveals the character of the background and helps separate it from the subject. Angle: toward the background, usually from the side and high enough to avoid Glare and subject or microphone shadows.

### Backlight

Backlight separates subject from background, saints from sinners and one pro from another. Angle: toward the lens from above-and-behind the subject, or above-behind-and-slightly-to-the-side of it; high enough to cut lens Flare. Sins: confusing this source with Top, or Background Light, and for Motivation purists, using it at all. Tip: Smoke, steam, and other Translucent subjects adore backlight. Almost any color.

### Barndoor

A pivotable, usually rotatable, front-of-the-light device, having two or more black panels, used to shape the beam and shade the camera lens or scene.

### Base Light

Bland, diffuse set illumination intended to keep electronics quiet. Tip: add directional light to keep them happy.

### Beam Angle

If you're into reading light-performance data, beam angle is the point at which the intensity of a source drops to fifty percent of maximum (center reading) measured in degrees of the full angle. Simply: how wide?

### Beam Pattern

Includes Beam Angle, beam shape and any realistic or abstract patterns introduced into the beam.

### Bounce Light

A super-soft source produced by reflecting lights off white (or at least color-neutral) panels or walls. Terminal treatment of lighting kits by belligerent baggage handlers.

## C

### Camera-top Light

The Flat-Light look of on-board lights for news-type shoots can be improved. Tips: use heavy Diffusion or aim the light at a wall or use a low wattage lamp in order not to overwhelm any face-saving, available light.

## Cinematic License

Allows holder to use unmotivated Backlight, elevate short actors and transform day into night.

### Coloring Light

Gels correct the color of light sources relative to each other or the film. Colored gels are also used to distort light for dramatic or artistic purposes. Thus far, no permit is required. Video tip: white balance before you add distortion gels. However, if you add correction gels, white balance afterwards.

### Color Temperature

(Degrees Kelvin or °K) Briefly: how red or blue, the "white" light is. Films are "white-balanced" by choosing the correct color temperature source (daylight, about 5600 °K, tungsten usually 3200 °K) or by filtering. Tip: With exotic, Kinky-spectrum light sources, a three-color meter will tell you all about red-blue-green imbalance. Options: use camera filters, gel lights and/or windows, color balance (and filter?) a video camera, re-light with photographic sources, or opt for off-color scenes.

### Continuity of Light

Scenes and sequences are seldom shot in editing order, so, plan carefully and keep notes.

### Contrast Ratio

(Brightness Ratio) Compare two reflected-light readings: 1) the lightest significant area of the subject or scene, vs. 2) the darkest. Each medium or method of reproduction has different brightness ratio limits. Projected films about 125:1 (seven stops); Video about 32:1 (five stops). Also see Lighting Ratio.

### Cucoloris

(cucoloris, cookie, kook) A device, almost as strange as it's names. Placed in front of a Hard-Light, it throws shadows or dappled light on bland walls or areas and impresses impressionable producers.

### Coat

Light, gels or subjects in the blue-green region of the color spectrum.

### Cut

To remove light from the scene, scenes from the film or money from the budget.

### Cyc (Cyclorama, Cove)

The ultimate Limbo background, found in many studios. The wall(s) and floor are joined in a gradual curve. Tip: simulate it with a seamless-paper sweep.

## D

### Dichroic

A vapor-deposited coating that reflects unwanted portions of the light spectrum. A filter with such a coating, typically for daylight correction of tungsten light.

### Diffusion

Translucent materials that soften highlights and shadows, reduce contrast and increase Beam-angle.

### Direction or Function

The big four: Key, Fill, Backlight and Background Lights are the cornerstones of traditional lighting. Used without regard to the needs of the subject and scene, they become millstones. Tip: learn to use them effectively, then forget about them and just light Planes. Other functions, variously useless, useful or essential: Kicker, Side-light, Eye-light, Top-light, Rim-light, and Accent Light.

### Distance (Throw)

The light-subject distance not only controls Fall-off, but also Sharpness, and (effective) Size of the light, relative to subject size.

### Dominance

If several sources are needed, one of them (or one direction of light) should dominate.

## E

### Exterior Lighting

Only mad dogs and English cameramen go out in the noonday sun. If you're stuck with Top-light-sun, here are a few Tips: use Reflectors, a Butterfly or lights. No electricity? use batteries (even vehicular) with matching-voltage lamps, connectors, and daylight correction. Or shoot in the Shade.

### Eye-light

A little eye-light goes a long way: use a light hand. Tip: a small, doored-down, hard-light near the camera, gives Kicks in the center of the eyes and teeth (unless your subject is tight-lipped). Placed off to the side, the whites of the eyes glow lovingly, tragically, or threateningly, depending upon the music.

## F

### Fall-off

Light, from a point source, falls-off inversely to the square of the distance. Move the light from ten-feet-away to twenty-feet-away and you have 1/4 of the intensity; forty feet, 1/16 th. Diffused lights fall-off even faster than point sources. Tip: to minimize fall-off within a scene, use hard-lights as far away as practical.

## Fill Light

Fill lightens shadows and controls contrast and Lighting ratios. Tip: avoid hard-light-fill and over-kill-fill. Angle: usually close to the lens, on the side opposite the key. Time allowing, try for a better fill-angle.

### Finesse (light control)

The black-art of refining white light by using focusing knobs, Barndoors, fancy-scrims, Gels and anything handy that won't melt instantly.

### Flag (Cutter, Gobo)

An Opaque panel, used to block light and shadow the subject, background or camera lens. It can also hide lights in the dark recesses of a scene. Which term you use depends upon the device's size and what part of the country you alight in.

### Flare

Flare occurs in the optical system of cameras. Keep bright lights and strong reflections out of the lens; or turn flare's image eating tendencies into image enriching ones by telling your client: "...it's artistic". Just don't call it Glare.

### Flat Light

All light is characterless, textureless and shallow-shadowed, when the source is close to the camera. Soft Light is, by its nature, flatter than Hard Light, but even a soft source, above or to the subject's side, is not flat. Proof: Vermeer.

### Flood

To increase the beam-size of a focusing light, which, like-it-or-not, decreases its intensity. Caution: for flood protection, keep Noah's Ark-light handy.

### Focus

1) To vary a spotlight's beam-size and intensity. 2) To ignore the pandemonium around you while you light.

### Focus Range

The ratio of spot to flood. Example: 800 fc to 100 fc=8:1. The more the better.

### Footcandle (fc)

A unit of incident illumination, largely unaffected by the subject's luminosity (brightness).

### Foregrounds

Dark foregrounds help hold the eye within the frame and increase the illusion of depth. Bright foreground objects, especially out-of-focus or moving ones, can be distracting. Tip: back-or-side-light the foreground using little or no Fill.

### Formula Lighting

A sensitive eye and a little imagination are worth far more than a lot of lighting formulas, since every formula fails to acknowledge that every scene is different.

## Formula (of sorts)

For uncontrollable or 360 degree action in a room, mount three broad lights high-up, in two different corners and on the opposite wall. Favor Motivated positions. Resist the temptation to use a fourth source, but not the one to Bounce or Diffuse.

### Fresnel

A thinner, lighter, "stepped" version of a plano-convex lens. Also, a spotlight with such a lens. Tip: silent "s", sil vous plait.

## G

### Gaffer

The chief electrician on a motion picture production, responsible, ideally, to the director of photography. History: we named our tape in his honor, not vice-versa.

### Gel (Gelatin, Media)

As used with photographic lights, a strong, flexible, fade-resistant, material, used to change the color, amount or quality of light. Tip: blues fade fairly fast.

### Glare

Light reflected off of shiny surfaces. In moderation, it is one of the most useful ways to add life to drab subjects. If excessive, tame it by: moving the glaring object, the light or camera angle; using softer light, a polarizing camera filter (not on bare metal), or dulling-type spray (not on bald heads).

### Glare Angle

(Angle of Reflection) The law-of-the-light states: the angle of incidence equals the angle of reflection. Simply: light is reflected at the same angle it came from, but in the opposite direction. Pool players understand. Tip: as soon as this law becomes intuitive, planning your lighting set-ups will be much easier. See, Plane lighting.

### Good Eye

To help develop sensitivity to light and composition: study good films, photographs and paintings; keep an image file; observe the subtleties of light and shadow all around you, even when not shooting.

### Grip

Traditionally, the crew member who hangs lights, pushes dollies, hefts cases and, out-West, handles reflectors.

## H

### Hard Light

A relatively small, direct, usually focusable source, with or without lens, that produces strong highlights and dark shadows. The quality is more dramatic and controllable, but generally less flattering than Soft Light; often improved with Diffusion. Tip: cheapest hard source with least Fall-off, the sun.



lowell

**High-key**

Lighting which results in predominantly middle-grey to white tones. Tip: use light sets, wardrobe, makeup; soft, Flat-light, Backlight, possibly camera-lens diffusion.

**Hot Lights**

Still photographer's lingo for constant source (as opposed to strobe) lights.

**I****Illumination**

Lighting minus craft. Or, someone else's set-up.

**Incident-light Meter**

The light-averaging hemisphere is aimed toward the camera from the subject. Since it reads the light that reaches the scene, not subject brightness, adjustments should be made for unusually dark or light subjects. Backlight, Silhouettes and such.

**Intensity** (Light Output)

The "strength" of the incident-light source, independent of the subject's reflectivity, commonly measured in footcandles or lux.

**Inverse-square Law**

For a legal interpretation, see Fall-off.

**K****Kelvin**

See Color Temperature.

**Key Light**

The key, or main light, tends to set the character of the lighting. It may suggest a source, like the sun, a window or flying saucer.

**Kicker**

A low-angle side-backlight that adds honest glare (the kind that helps elect Presidents) to the side of faces. Tip: try a white card or small reflector when you run out of lights or crave subtlety.

**Kicks** (Hotspots)

Bright light reflections that add sparkle (and, with a star filter, radiating lines of light). However, if too bright, they will add blooming, comet tailing (video) and Flare. Tip: See Glare for control. Use Hard Light—just for kicks.

**L****Lamp**

Fits in a light and glows white-hot when turned-on. Caution: if any-one calls it a bulb, their Cinematic License will be revoked.

**Lamp-life**

The number of hours at which half of the test lamps fail. Tip: Shock, vibration, frequent on-off cycles, over-volting, power surges, obstructed ventilation, defective lamps and other such longevity-threats are not factored in.

**Light** (Fixture, Head, Luminaire, Instrument)  
The contraption, regardless of name and shape, that surrounds the Lamp.

**Lighting Director**

The person responsible for lighting video productions.

**Lighting Grid**

An overhead pipe-like structure in a studio to support lights and electrical connectors.

**Lighting Ratio**

The ratio of Key-light plus Fill, vs. Fill-light only, using an Incident-light Meter. (If the first is 200 foot candles and the second 50, the ratio is 4:1, or a two stop difference).

Optimum and maximum Lighting Ratios depend upon subject matter, mood, media, and type of reproduction as well as personal tastes.

**Location**

An area used for shooting, or considered for use, other than a studio. And other than a place previously used by an inconsiderate crew.

**Low-angle Light**

The ideal Key for villains, monsters and nymphs bathed by sun reflected from limpid pools. See Motivated lighting.

**Low-key**

Lighting which results in predominantly grey to middle-black tones. Tip: use dark sets and wardrobes, hard lights, lots of flags and don't let the lab or lighting engineer "save" you.

**Lux**

A unit of measure of incident light (not reflected from the scene). The video and European counterpart of Footcandles. Formula:  $fc \times 10.8 = Lux$ .

**M****Magic Hour**

The time of day (dusk or rarely, for us, dawn) when almost everyone would shoot almost everything, if only it lasted longer. Tip: use little or no fill, underexpose one or two stops, "drop" the 85 filter if you like blue or need more exposure.

**Matte**

A non-reflective, dull subject or surface. Tip: even semi-matte surfaces will glow, given sufficient Glare Light; little hope for dull subjects.

**Motivated Lighting**

Requires that photographic lights appear to come from actual sources. This can increase audience credibility and artistic integrity. Fantasy images? Anything goes.

**Moving Sources**

(video/film)

Effective when justified by the action, baffling most other times. Exceptions: diffused sources moving with the cast and camera, outdoors or where background shadows are not a problem. Or when used symbolically.

**Moving Subjects**

Challenging, especially for those making the transition from stills. Tips: If you can rehearse the action, do it before you light and note where people pause. Don't attempt to light large areas evenly: movement is enhanced by intensity changes. If movement is not predictable, set the lights far away, and high, with half or graduated Scrim on the bottom to prevent subjects burning-up as they approach lights.

**Multiple Shadows**

Few things expose the novice and the artifice of our craft faster than redundant shadows, unless they are Motivated or done with a lot of style.

**N****Neutral Density** (gel)

.3, .6, and .9 ND gels reduce light intensity by 1, 2, or 3 stops respectively, without a change in color or quality.

**O****Opaque**

An object or material that does not transmit light.

**P****Plane Lighting**

Visualize your subject, or the entire scene, as a series of planes at various angles to the lens. Position lights to reveal those planes effectively. Light planes to different levels of brightness. See Glare Angle.

**Polarizing Filters**

Polarizing camera filters can be set to reduce most glare as well as darken blue skies. Best camera angle: 90 degrees to the source. Light loss: approx. 2 stops. Tip: polarizing gels may be damaged if used close to high-wattage tungsten lamps.

**Practical Light**

A prop light seen in the shot that can be operated by the cast: sometimes doctored to control brightness, color or coverage.

**R****Reflected Light**

The light reflected from a surface, after losses due to absorption and scattering. See Glare, Bounce and Spill for further reflections.

**Reflected Light Meter**

Aim meters that read reflected light at the subject or scene from the direction of the camera. Tip: besides exposure, they help you find the Brightness Ratio. Narrow-angle spot meters are indispensable for distant, unapproachable and tricky (inside furnace type) metering.

**Reflectors**

Curved contraptions that concentrate the Lamp's beam. And flat devices that recycle light from lights, sun and, at close range, even overcast sky. Tip: Lighting with reflectors is like lighting with lights, except no cables or no scorched fingers. Just wind-worries.

**Rigs**

Assemblies designed, or adapted, to support lights backgrounds, and paraphernalia of all persuasions.

**Rim Light**

Subjects appear to have seen the light, then turned their back on it. Angle: The source looks down the barrel of your lens when the subject moves.

**S****Safety**

The dangers of our craft range from "mere" finger scorching to electrocution. Don't take chances with your epidermis, or anyone else's.

**Scrim**

For us, a metal screen used in front of a light to reduce intensity without Diffusion. But, thanks to the mystery and magic of show biz, other devices which do diffuse, are also called scrims. Tip: if you can see a clear image through the material, there's no diffusion or confusion.

**Set**

A construction designed for the convenient lighting and shooting of scenes.

**Set Light**

The video equivalent of Background Light.

**Shade**

Consider all the subtle shades of shade: wide-open, dappled, flat, side, kicker and back-lit varieties. Keep eyes and options open, Reflectors handy.

**Shadows**

The power of a shadow resides in its potential to reveal as well as conceal. Tip: Backlights and Low-angle lights can exaggerate shadows for dramatic or stylistic purposes.

**Sharp**

As applied to Shadows, a hard, clean edge. Tip: The further away subjects, Snoots and Flags are from a light, and the closer they are to backgrounds, the sharper their shadows will be. The edge of a spot beam produces sharper shadows than the center.

**Side-light**

This half-key-half-kicker hits subjects at an Angle of 90 degrees. It is doubly misused, at times, in matched-pairs, from opposite sides. See Dominance.

**Silhouettes**

Dark shapes and figures against light backgrounds can have impact, even on small screens.

**Simplicity**

Don't use more lights or Directions of light than you really need for the subject and mood.

**Size and Distance**

The larger the light, the softer its quality. However, the effective size of a source also depends upon subject size and distance. A large, distant source is, in effect, small and hard, (behold the sun). A four-square-foot Softlight, backed off to cover a car, is small, but lighting a watch, enormous.

**Snoot**

Snoots are front-of-the-light "tubes" that project a circle of light on a subject or background and reduce Spill. See Sharp. Tip: to create an ellipse, decrease the light-background angle.

**Softlight**

The soft-shadows and subtle-highlights produced by large, indirect, heavily Diffused or Bounced light, are so luscious, one wonders why this light isn't used for everything. At times, it seems to be. But the difficulty of hiding and controlling a soft source, especially for reverse angles, and its reluctance to "go the distance", limits its use. So does fickle fashion. The largest, cheapest soft source: an overcast sky.

**Specular**

A highly reflective, mirror-like surface. Tip: if your subject is specular and small, stick it in a translucent tent with a hole for your lens and douse it with light or surround it with white panels.

**Spill**

Spill, like glare and weeds, suggests something unloved. But spill does cut contrast—if that's what you need, Tip: Flags, Snoots, and Barndoors provide a little relief with Hard Lights, little relief with Soft ones.

**Spot**

To adjust a focusing light toward maximum intensity and minimum Beam Angle. Also, a Hard light.

**T****Top-light**

Angle: directly over the subject. Tip: If you want to light eyes, not nose-tops, save this one for non-human subjects. However, soft, top-front-light is ideal for some faces: top-back-light is often good for food photography.

**Tungsten Filament**

A lamp coil which emits light (and heat) when excited by AC or DC current.

**Tungsten-halogen**

A tungsten filament coil set in a regenerative halogen gas atmosphere which eliminates the premature, permanent blackening of the lamp envelope. Useful lamp life is extended, lamp size decreased.

**V****Volts**

A measure of electrical "pressure". Formula:  $voltage = watts \div amps$ . Tip: to save bucks and save face, check lamp-voltages before plugging-in, and overseas voltages before grabbing your passport. Common volt-factors: 12, 30, 120, 220, 230, 240 and in Japan, 100.

**W****Warm**

Light, gels or subjects in the red-orange-yellow region of the color spectrum.

**Watts**

The intensity of different types and makes of fixtures will vary even if the watts and distance remain constant. That's what performance charts and meters are for.





## Choosing a Light

**Lowel lights and accessories are efficient, easy to use and dependable. Choosing the right light is a matter of determining your specific technical and aesthetic requirements. To help, we offer a few brief descriptions of hard & soft light, lighting fixtures, and the options for using them.**

### Hard lights:

- Produce strong, dramatic highlights and shadows unless diffused by user (example, the sun on a cloudless day).
- Can be used relatively far away from the subject.
- Generally require fill light to soften shadows and control contrast.
- Brightness and spill are fairly easy to control.

### Focusing hard lights:

- Have beams that can be continuously varied from wide to narrow (flood to spot).
- Give the user control over the spread of the beam and the intensity of the light.
- Higher focusing ranges offer more control.

#### Lowel focusing hard light sources:

- **Pro-light:** 12, 30, 120v & 230v models; 50–250w
- **i & id-light:** 12/14v; 55,100w
- **Omni:** 12, 30, 120, 220/240v; 100–500w.
- **DP:** 120, 220/240v; 500–1000w
- **Fren-L 650:** 120, 220/240v; 300–650w

#### Lowel non-focusing hard light sources:

- **L-light:** 120v; up to 300w

### High intensity (super-spot) light:

- Throws hard light in a very narrow beam over long distance.

#### Lowel high intensity non-focusing (super-spot) light options:

- Are available via quick-change accessory reflectors for Lowel Omni & DP lights.
- Are also available by using Clear Safety Glass in the Front Housing with the Pro, i & id-lights.

### Wide angle (broad throw) lights:

- Are semi-hard and non-focusing.
- Light large areas evenly.

#### Lowel wide angle light sources:

- **V-light:** 120, 220/240v; 500w
- **Tota-light:** 120, 220/240v; 300–800w

### Soft lights:

- Consist of a relatively large, indirect light source (example, an overcast sky)
- Produce gentle, flattering, highlights and shadows.
- Need to be closer to the subject.
- Tend to spill and reduce contrast.
- Require little or no fill light.
- Work well as fill because it does not introduce hard shadows.

#### Lowel dedicated soft light sources:

- **Rifa-lite:** 120, 220/240v; (4 sizes); 250, 500, 750 & 1000w max. (efficient, quick set-up)
- **Caselite fluorescent:** 120v & 230v models; (2 sizes) 2-lamp 110w, 4-lamp 220w. Daylight or tungsten color temperatures.
- **LowelScandles fluorescent:** 120v; 8-lamp cluster of either 18 or 24w lamps. Daylight or tungsten color temperatures.
- **Lowel/Fluo-Tec fluorescent:** 120v, & 230v models; (5 dimmable & non-dimmable models housing 2-8 55w lamps) Daylight or tungsten color temperatures.
- **Lowel Ego fluorescent:** 120v, 2 lamp (27w daylight.) compact desktop digital imaging light, for small object tabletop lighting.

### Compatibility & versatility:

- Both Tota/Omni and ViP systems consist of focusing and wide angle hard lights that work well together in most lighting situations. All can be converted to soft sources with accessories. Tota/Omni and ViP systems share many of the same light control and mounting components.
- Lowel fixtures such as the DP, Omni & Pro function in multiple modes: as a focusable spot/flood light; as a high-intensity super-spot light (with an inexpensive accessory reflector for DP & Omni or Clear Glass with Pro & i); and as a soft source (with an umbrella or diffusion).





## Controlling the Light

**Lowel has a wide range of professional light control tools. To help you select and use the most appropriate ones, we offer the following suggestions:**

### To diffuse & soften light:

- Use umbrella attached to Tota, Omni, V, L-light (with stand-fitting), DP, or Fren-L-650 (with Gel-brella Bracket).
- Use Frost Gel on Gel Frames of Tota, V, L-light, Pro, i, Omni, Fren-L-650 and DP, or clip to Barndoors of Caselite.
- Use Diffused Glass accessory in Barndoor frame of Omni or DP, or as Swing-in Accessory on Pro, i & id.
- Bounce light off white (color neutral) wall or ceiling.
- Bounce light off large, white panel attached to a Maxa-mount, Lobo and stand.

### To reduce overall brightness:

- Flood a focusing light, move the light back, or partially close Barndoors.
- Use full scrim in Omni, Pro, i, Fren-L, or DP light.
- Use lower wattage lamp.
- Use neutral density gel on a Gel Frame or Frame-up.
- Switch off lamps in Caselites, LowelScandles or Lowel Fluo-Tec non-dimmable models. Use Lowel Fluo-Tec dimmable models (all fluorescent).
- On broadcast camera-top, use id-light.

**Note:** Tungsten lamps shift color temperature when dimmed. Scrim and neutral density gels do not diffuse or soften, they only reduce intensity. Translucent diffusion materials do both.

### To reduce brightness in some areas:

- Use Barndoor or Tota-shades to shadow specific area.
- Use 1/2 or graduated scrim in Barndoor to darken an area; rotate as needed.
- Use a Tota-flag.
- Use Blip-set, Fin-S or Hollywood Strip for finessing fine details of control.
- Use Snoot on Omni, Pro, i, id, Fren-L and DP light.

### To increase brightness:

- Use maximum wattage recommended lamps.
- Focus toward spot position.
- Use super-spot options with Omni Pro, i, id and DP for high-intensity or long throws (area covered will be greatly reduced).

### To control spill:

- Use Barndoors Tota-shades, or Snoots, if available.
- For small lights, use Tota-flags on Flexi-shafts attached directly to the light or to a Tota-tatch, Tota-clamp, Tota-daptor or Flag-link.
- Use Tota-flags if Barndoors do not sufficiently control spill. (**Note:** the further from the light, the sharper the shadow).
- With Rifa-lite add fabric Egg-Crate.

### To correct for daylight:

- For tungsten, use Day Blue Gel or on a Gel Frame, clip directly to Barndoors or clothespin to velcro pockets of Rifa. Blue gels fade quickly, if light is near spot setting. Check and replace as needed to assure consistent color.
- Use Dichroic Filter in Barndoor of Omni, i, id, Pro and DP Lights.
- Use daylight tubes in fluorescent fixtures.

### To color the light:

- Use colored gel on Gel Frames or clip to Barndoors with Gel-jawz.
- Take advantage of "off-color" sources (relative to photographic lights), such as windows, to add blue or other color accents.

### To prevent "washing-out":

In film and video, when subjects moving toward a light become too bright and moving away they become too dark, try one of the following:

- Use Graduated or Half Scrim on Pro, i, id, Fren-L 650, Omni or DP with screen area on the bottom of the light. Position light high enough to provide gradual shading of moving subject.
- Use neutral density or Frost Gel over bottom 1/2 of a Gel Frame. Can be used with Tota, V, Omni and DP as above.

### To provide fill light on exteriors:

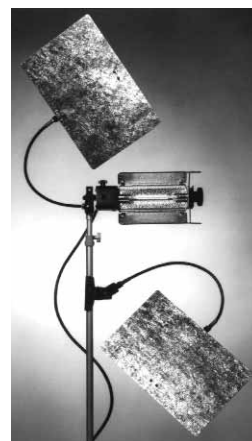
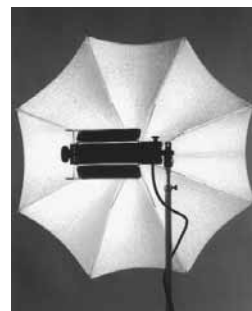
- Use Lightflectors or Tota-flector for small areas.
- Use Omni, i, id, Pro-light or Rifa-44 with 12 or 30v lamps, appropriate cable, and battery.
- See "To correct for daylight".
- To avoid the need for fill, shoot in shaded area or when sky is overcast.

### To improve camera-top lighting:

- Use id-light for dimming with variable focusability. (Note: Tungsten-halogen lamps shift color temperature when dimmed.)
- Use low wattage lamps to avoid overwhelming available light.
- Soften with Swing-in Diffuser on Pro and i/id.

## Using Batteries

Lowel does not offer rechargeable batteries. However, portable battery packs for the Pro, i, id & Omni lights are available through many Lowel Dealers. Lowel has accessory plugs for the most common connector styles. See the various systems components sections for more information.



## Choosing & Using Mounts

**Lowel offers a wide range of components that handle a variety of mounting situations. To help you select and use the most appropriate ones, we offer the following thoughts.**

### To select stands:

- Use Uni & Uni TO Stand for V, i & Pro-lights and small accessories.
- Use Omni, & Uni TO Stands for the above and for Tota, Omni, Rifa-44, Lightflector and small to medium flags.
- Use KS Jr. & Uni Sr. Stands for the above, plus DP, Fren-L, Rifa-55 & 66, when compact packing is important.
- Use KS Stand for the above, plus Rifa-88, Basic Boom, large flags, and reflective panels.
- Use KSA Stand for the above when air cushioning or black "camouflage" is desirable.
- Use Grand Stand for heavy equipment, booms, Variflector, leveling capability (especially outdoors), great heights and air cushioning.

### To extend stands:

- Use Pole or Half Pole on KS, KSA or Grand Stand.
- Use Lobo & Lobo Arm, or Missing Link & Double Male Stud or Lobo Arm for small lights.

**Note:** For safety, never over-extend stands, test for stability, use weights. Pole & Half Pole have been extended in overall length to allow safer use at original length, leaving more overlap in riser sections.

### To stabilize stands:

- On grass or sand, push Anchors through holes in legs of KS, KSA or Grand Stand.
- Add Lowel Weight to struts of any Lowel stand.
- Use cables, cases, tape or whatever works safely.

### To wheel stands:

- Attach casters to KS, KSA and Grand Stands for heavy equipment, booms, etc. (casters can be locked in position).

### To mount lights below standtops:

- Use Tota-clamp, Grip and Interlink or Double Male Stud, Lobo with Lobo Arm or Lobo with Double Male Stud from Interlink.

### To boom lights:

- Use a KS, KSA or Grand Stand, Grip and one or two Lowel Weights as needed.
- Use Lobo & Lobo Arm for small lights.

### To clamp lights on small spans (stands, poles, etc.):

- Use Tota-clamp or Grip with Interlink or Double Male Stud.
- Use Missing Link with Double Male Stud or Spring-loaded Stud Clamps.

### To clamp lights across large spans (columns, beams, etc. up to 8 feet):

- Use Space-clamp (with extension bars as needed).

### To mount lights on walls or windows:

- Attach Tota-mount with Gaffer-tape for Tota, Omni, V, i or Pro lights.
- Mount Lowel-light or L-light with Mounting-plate directly with Gaffer-tape.

**Note:** For safety, never tape lights to ceilings. Do not use Gaffer-tape on wallpaper or painted surfaces. Rub tape thoroughly onto clean surface. Never use with heavy lights.

### To mount lights on door tops:

- Hang Tota-mount on top of door (open or closed) for Tota, Omni, V, i, or Pro lights.

### To mount lights on dropped ceiling grids:

- Attach light-weight lights or accessories with Scissor-mount to T-bar of ceiling grids. Extend and articulate with Missing Link & Double Male Stud.

**Note:** For safety, never use near flammable materials or automatic sprinklers; test grid for stability.

### To put small lights on floors or tables:

- Use Vipod with Stud-link.
- Use Home-plate with Scissor-mount.

### To mount lights on top of studio sets:

- Use Screw-in Stud or Space-clamp for small and medium-sized lights.

### To mount lights on video cameras:

- Use Low-link, L-link, or Stud-link for Pro and i/id lights.
- Use Cam-link with any of the above for Pro and i/id lights.

### To mount large white reflector boards:

- Attach foam core, etc. to Maxa-mount with tape.
- Position Maxa-mount with Lobo or Grip on KS Stands.
- Use weight on Maxa-mount or stand if needed.

### To float object in "limbo":

- Attach prop or product to Maxa-mount with tape.
- Slip Maxa-mount through hole in seamless paper or background.
- Use Lobo to support Maxa-mount on stand behind paper.
- Use counter-weight on Lobo Arm if needed.

### To support seamless paper and background:

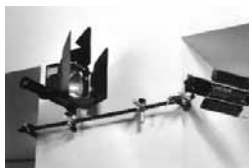
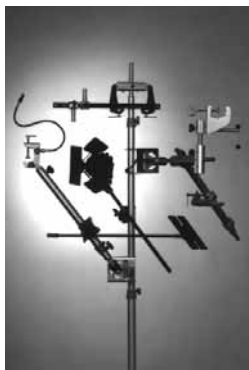
- Use two KS Stands, two Grips or Interlinks, two Full Poles.

### To convert stands or clamps to "tripods":

- Add Tota-tilter to top of stand or clamp for emergency mounting of small still cameras and accessories.

### To increase safety:

- Use an adequate stand or clamp (based upon weight, extension and conditions).
- Use weights on stands when appropriate.
- While mounting lights overhead, clear people from below.
- Test clamp and mount installations carefully. Screw on stand-fitting must be seated in undercut of stud.
- Always use safety cables on lights attached to overhead pipes, grids, etc.
- Use ground Anchors or Weights on outdoor reflectors. Lay them down when not in use.



## Choosing a Kit

**Each Lowel Kit has been created from one or more of our lighting systems to offer the user a selection of lights and components at a savings over individual prices. To help you choose the best kit for your needs, review the following questions. If you have additional questions, see your Lowel dealer or call us.**

### What about watts?

- Total kit "wattage" does not tell the full story. Some types of lights are more efficient than others (higher foot candle readings, or larger area coverage) due to more efficient optical design.
- Direct (hard) lights offer greater output per watt than indirect (soft) lights.
- For performance data, see charts with individual fixtures in Light Systems section.

### Which is more important, speed or control?

- For fast action set-ups, where finesse is not practical, choose a basic kit.
- Where subtlety or dramatic effects are important, or where difficult mounting problems exist, more elaborate kits are appropriate.

### Want to customize a kit?

- Many Lowel kits have room for additional equipment: umbrellas, flags, clamps and with some kits, another light and stand.
- You can also order an empty case and just the equipment you need to assemble your own kit.

### Need to balance tungsten to daylight, or conventional fluorescent light?

- Choose a kit with lots of gel-frames and plan to use daylight or fluorescent correction gel filters.
- Or choose a kit with lights that accept dichroic filters (daylight correction only).
- For soft key & fill, consider fluorescent systems with conventional or daylight corrected lamps.

### Need super-portability?

- Lowel Kits are extremely portable—even those with four or more lights, stands and accessories.

## Safety

**Lowel lights and accessories are professional lighting products for photographic image production. They should be used with caution and care. Considerable light and heat are generated. It is important to fully read the information included in each products instruction sheet. If you have questions about the safe use for any of our products, or need copies of instruction sheets, please contact us or an authorized Lowel dealer.**

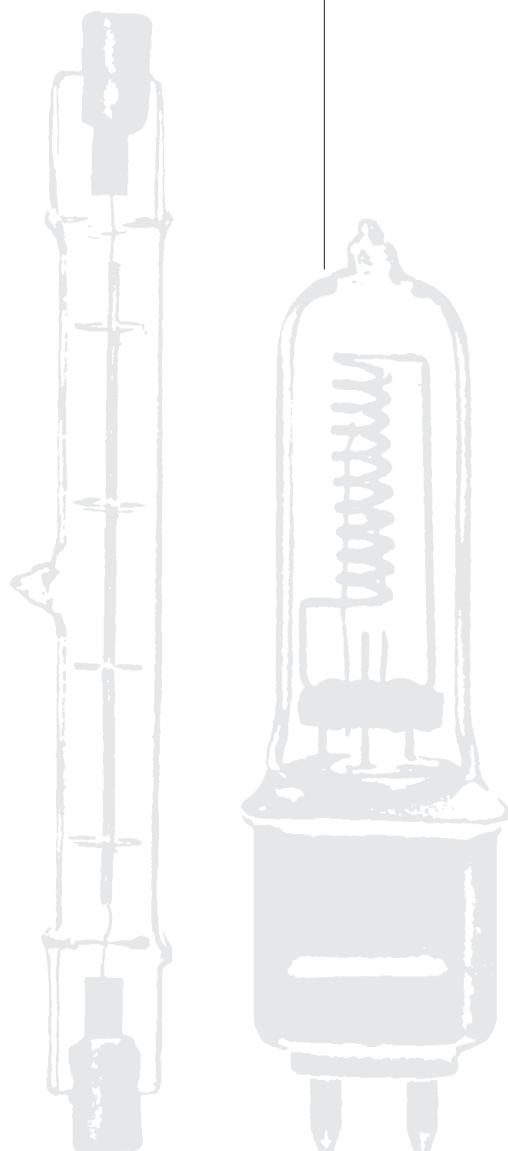
### Safety screens &

- Tota, Omni and DP lights all come with safety screens that attach to the front of the fixture to prevent touching the lamp, as well as providing added protection in the case of an exploding lamp. Safety screens must always be used. If you own older fixtures (pre-1990) without safety screens, please contact us and we'll send you free safety screens for your lights.
- Rifas must always be used with front diffuser attached.
- V-lights must always be used with safety glass cylinder installed, surrounding lamp.
- Pro & i must be used with integral front housing & safety glass (prismatic or clear).

### Lamp-life & safety information

- Read lamp and fixture instructions including safety warnings.
- Line voltage (or battery voltage) should not exceed lamp voltage.
- Do not touch lamp glass with bare hands even when cold. If touched, clean promptly as body oils shorten lamp-life.
- Install and remove double-ended lamps carefully, with two hands, to avoid damaging porcelain ends.
- Operate fixture in recommended positions only (see fixture instructions). Using some fixtures upside down, sideways or aimed straight down will shorten lamp-life.
- Never block light's ventilation with foil or other materials.
- Avoid turning fixtures on and off frequently as current surges shorten lamp life.
- Two-pin lamps must be fully inserted into their sockets to prevent damage to both lamps and sockets.
- Replace sockets if their contacts are loose or pitted, otherwise, the life of future lamps will be affected.

- Avoid excessive vibration and very fast spot-flood changes when lamps are on.
- Not all lamps are created equal. "Average" Manufacturer's lamp-life ratings mean 50% fail before, 50% fail after, rated life.
- The unusually short life of several identical lamps (bulbs) may indicate a defective manufacturing run. Send us lamp name, code, run number, selling dealer, fixture used and, if possible, failed lamps.
- Lamps should remain in fixtures for normal travel to avoid extra handling and possible damage.
- In situations where it is impractical to interrupt shooting, it is advisable to install new lamps in all fixtures prior to shoot.
- Tungsten-halogen (Quartz) lamps maintain their initial output and color temperature (° Kelvin) with relative consistency until they fail.



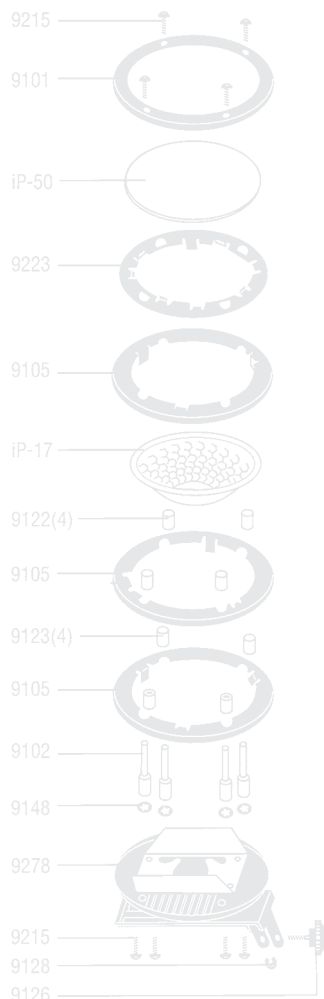
## Lowel Dealers

Our equipment is sold only through authorized Lowel dealers in the United States and Canada, as well as any other country where there is a Lowel distributorship. Please contact us for any further information concerning your nearest Lowel dealer.

## Repairs, Replacement Parts

Although we sell our products only through authorized dealers in the USA, repairs are made and replacement parts are sold directly to the consumer, as well as through dealers. In the event that repairs or replacement parts are required, contact our factory in Brooklyn or your Lowel dealer.

Contact us for a free parts booklet, with order form or download it from our website: [www.lowel.com](http://www.lowel.com).



## Warranty

### Limited Warranty

Lowel-Light Manufacturing, Inc. ("Lowel") warrants that its products (other than those products, which by their nature, are consumed), under normal use, in accordance with operating instructions, will perform to the specifications published by Lowel at the time of purchase, for the following periods, from the date of purchase by the consumer.

**Five Years:** with respect to stands and poles.

**Two Years:** with respect to lighting fixtures only.

**One Year:** with respect to all other products (other than those products which by their nature are consumed).

Lowel warrants that those products, which by their nature are consumed, such as gels and Gaffer-tape, under normal use, in accordance with instructions for use, will perform to the specifications published by Lowel at the time of purchase.

In the event of a defect reported by the consumer within the applicable time period, if any, Lowel will, at its option, replace or repair the defective merchandise at no charge to the consumer for either parts or labor.

The consumer should be aware that Lowel does not manufacture lamps and therefore makes no warranty with respect to these products. However, the warranty of the manufacturer of such products, if any, shall be assigned to consumer if permitted by such manufacturer.

### Repairs and Replacement Parts

If Lowel shall, upon the request of the consumer, install, alter, modify or repair any Lowel product, or component thereof, then Lowel shall warrant such product, or component, from the date of installation, alteration, modification, or repair, in accordance with the specifications published by Lowel for the applicable time period, if any, for such period or component, and under the conditions, limitations, and procedures set forth in this warranty. Lowel will not be responsible for any loss, damage, or expense of any kind resulting from the installation, alteration, modification, or repair of any Lowel product by any entity other than Lowel.

### Procedure

In order to make a claim under the above warranty, the consumer must, within the applicable time period, if any, bring or send, postage paid, the defective product and proof of purchase (or, if applicable, proof of installation, alteration, modification, or repair by Lowel) to the consumer's Lowel dealer or to the Lowel factory in Brooklyn, N.Y.

### Warranty Exclusions

THE WARRANTY SET FORTH ABOVE IS THE ONLY WARRANTY MADE BY LOWEL WITH RESPECT TO LOWEL PRODUCTS AND LOWEL DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY LIABILITY WITH RESPECT TO SAME WHETHER IN CONTRACT, TORT OR OTHERWISE. IN NO EVENT SHALL LOWEL BE LIABLE FOR LOST PROFITS, OR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES INCURRED BY THE CONSUMER.

Some states do not allow limitations on how long an implied warranty lasts, and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

### General

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

### Trademarks

The Lowel-Light Mfg., Inc. signature shown below and the following are trademarks of Lowel-Light Manufacturing, Inc.: Lowel Omni-system, Lowel Omni-light, Lowel Tota-system®, Tota-light®, Lowel DP Light, Lowel Softlight 2, Lightflector, Variflector, Frame-up, Lobo, Lowel Light Array, Lowel ViP System, Lowel Pro-light, Lowel i-light, Lowel V-light, LowelDimmer, GO Kits, Missing-Link, Fren-L 650, Lowel Gel File, Rifa-lite®, Tota-shade, Fin-S, Litebags, Core Kits, Gel-jawz, Caselite®, Lowel Fluo-Tec, LowelScandles, IR DMX Controller, IR DMX Translator, Lowel®, Ego®. This is only a partial list and does not include all trademarks currently owned. Velcro is a registered trademark (not owned by Lowel)

### Changes

We reserve the right to change, in whole or in part, prices, product specifications, products offered, terms and conditions of sale, and policies without notice.

**lowel**®





## By Code

<b>BL-10</b>	Matters of Light & Depth by Ross Lowell	68	<b>DPR-98Z</b>	DP Core 98 Kit	59	<b>FLE-400CM</b>	e-studio4 w/clamp mount	35	<b>GO-03</b>	4.5 x 4" Partition	45
<b>CF-20</b>	Caselite2	25	<b>DPT-90Z</b>	Mini-DP&T Kit	65	<b>FLE-400E</b>	e-studio4 (CE model)	35	<b>GO-04</b>	3 x 4" Partition	45
<b>CF-20CE</b>	Caselite2 (Euro/CE approved)	25	<b>DPT-93Z</b>	DP3 Jr. Kit	64	<b>FLE-600</b>	e-studio6	35	<b>GO-05</b>	22.75 x 4" Partition	45
<b>CF-21</b>	Caselite2 Barndoor/Intensifier	25	<b>DT-33</b>	KS Jr. Stand	40	<b>FLE-600SF</b>	e-studio6 w/stand fitting	35	<b>GO-85</b>	GO 85 Case	44
<b>CF-22</b>	Caselite2 Egg Crate	25	<b>DT-61</b>	DP/Tota Lampak	49	<b>FLE-600CM</b>	e-studio6 w/clamp mount	35	<b>GO-92LBZ</b>	GO Pro-visions Kit with Soft Case	57
<b>CF-24</b>	Caselite2 Rain Cover	25	<b>DT-83</b>	DP-Uni Case	47	<b>FLE-600E</b>	e-studio6 (CE model)	35	<b>GO-92Z</b>	GO Pro-visions Kit	57
<b>CF-35</b>	Mounting Plate	25	<b>DT-84M</b>	DP3 Case	47	<b>FLS-100</b>	IR DMX Controller	29	<b>GO-96LBZ</b>	T/O GO 96 Kit with Soft Case	60
<b>CF-36</b>	Stand-Fitting Tilt Bracket	25	<b>DV-901LBZ</b>	Lowel DV Creator 1 Kit with Soft Case	52	<b>FLS-120</b>	IR DMX External Sensor	29	<b>GO-96Z</b>	T/O GO 96 Kit	60
<b>CF-40</b>	Caselite4	25	<b>DV-901Z</b>	Lowel DV Creator 1 Kit	52	<b>FLS-150</b>	IR DMX External Translator	36	<b>GO-97LBZ</b>	T/O GO 97 Kit with Soft Case	61
<b>CF-40CE</b>	Caselite4 (Euro/CE approved)	25	<b>DV-9023Z</b>	Lowel DV Creator 44 Kit with TO-83 Case	52	<b>FLS-250CYDM</b>	Studio 250cy Dimmable	31	<b>GO-97Z</b>	T/O GO 97 Kit	61
<b>CF-41</b>	Caselite4 Barndoor/Intensifier	25	<b>DV-902LBZ</b>	Lowel DV Creator 44 Kit with Soft Case	52	<b>FLS-250CYDM230</b>	Studio 250cy Dimmable, 230v	31	<b>GO-98LBZ</b>	T/O GO 98 Kit with Soft Case	62
<b>CF-42</b>	Caselite4 Egg Crate	25	<b>DV-902Z</b>	Lowel DV Creator 44 Kit with GO 85 Case	52	<b>FLS-250CYND</b>	Studio 250cy Non-Dimmable	31	<b>GO-98Z</b>	T/O GO 98 Kit	62
<b>CF-44</b>	Caselite4 Rain Cover	25	<b>DV-9034Z</b>	Lowel DV Creator 55 Kit with TO-84Z Case	53	<b>FLS-250CYND230</b>	Studio 250cy Non-Dimmable, 230v	31	<b>GS</b>	Grand Stand	40
<b>CF-92DA</b>	Caselite2 Daylight Kit	66	<b>DV-903LBZ</b>	Lowel DV Creator 55 Kit with Soft Case	53	<b>FLS-250DM</b>	Studio 250 Dimmable	30	<b>GT-12</b>	Gaffer Tape (12 yds)	19
<b>CF-92TU</b>	Caselite2 Tungsten Kit	66	<b>DV-903Z</b>	Lowel DV Creator 55 Kit	53	<b>FLS-250DM230</b>	Studio 250 Dimmable, 230v	30	<b>GT-30</b>	Gaffer Tape (30 yds)	19
<b>CF-94DA</b>	Caselite4 Daylight Kit	66	<b>DVC-91</b>	DV Core 250 Kit	58	<b>FLS-250ND</b>	Studio 250 Non-Dimmable	30	<b>i-01</b>	i-light Complete Set with Cigarette Plug Connector	7
<b>CF-94TU</b>	Caselite4 Tungsten Kit	66	<b>DVC-913</b>	DV Core 250 Kit with TO-83 Case	58	<b>FLS-250ND230</b>	Studio 250 Non-Dimmable, 230v	30	<b>i-02</b>	with 4 pin XLR	7
<b>CL-10</b>	Hollywood-strip	38	<b>DVC-91LB</b>	DV Core 250 Kit with Soft Case	58	<b>FLS-450DM</b>	Studio 450, Dimmable	30	<b>i-045</b>	with Anton Bauer Tap	7
<b>CL-15</b>	Gel-jawz (Pkg of 8)	38	<b>DVC-92</b>	DV Core 500 Kit	58	<b>FLS-450DM230</b>	Studio 450, Dimmable, 230v	30	<b>i-100</b>	12/14v, 100w, 3200K, 500 hr	6
<b>CL-21</b>	Fin-S (1)	38	<b>DVC-92LB</b>	DV Core 500 Kit with Soft Case	58	<b>FLS-450ND</b>	Studio 450, Non-Dimmable	30	<b>i-55</b>	12/14v, 55w, 3200K, 500 hr	6
<b>CL-24</b>	Fin-S (4)	38	<b>DVP-94</b>	DV Pro 44 Kit	59	<b>FLS-450ND230</b>	Studio 450, Non-Dimmable, 230v	30	<b>i-85</b>	Cig. Lighter 10' Extension Cable	9
<b>CL-50</b>	Blip-clip (2)	38	<b>DVP-94LB</b>	DV Pro 44 Kit with Soft Case	59	<b>FLS-55DA</b>	Studioline 55w/5600K	33	<b>i-86</b>	Anton Bauer Battery Tap	9
<b>CL-52</b>	Blips (2)	38	<b>DVP-95</b>	DV Pro 55 Kit	59	<b>FLS-55TU</b>	Studioline 55w/3200K	33	<b>id-01</b>	id-light Complete Set with Cigarette Plug Connector	7
<b>CL-55</b>	Blips (5)	38	<b>DVP-95LB</b>	DV Pro 55 Kit with Soft Case	59	<b>FLS-650DM</b>	Studio 650 Dimmable	30	<b>id-02</b>	with 4-pin XLR	7
<b>CL-85</b>	Compact Fluorescent Case	49	<b>DYG</b>	30v/250w, 3400K, 15 hr	11	<b>FLS-650DM230</b>	Studio 650 Dimmable, 230v	30	<b>id-045</b>	with Anton Bauer Tap	7
<b>CL-90</b>	Blip Set	38	<b>EHC</b>	120v/500w, 3200K, 300 hr	14	<b>FLS-650ND</b>	Studio 650 Non-Dimmable	30	<b>IP-14</b>	Pro/i Retrofit Kit	7
<b>CM-10</b>	Maxa-mount	38	<b>EHD</b>	120v/500w, 3000K, 2000 hr	14	<b>FLS-850DM</b>	Studio 850 Dimmable	30	<b>IP-20</b>	VIP 4-Way Barndoor	8
<b>CM-11</b>	Maxa-mount & Lobo	38	<b>EHF</b>	120v/750w, 3200K, 300 hr	14	<b>FLS-850DM230</b>	Studio 850 Dimmable, 230v	30	<b>IP-21</b>	Barndoor Frame	8
<b>CM-20</b>	Scissor-mount (2)	42	<b>EHG</b>	120v/750w, 3200K, 300 hr	14	<b>FLS-850ND</b>	Studio 850 Non-Dimmable	30	<b>IP-22</b>	Expandable Rectangular Leaf	8
<b>CM-21</b>	Gridlock (Scissor-mount with L-link)	9	<b>EHZ</b>	120v/300w, 2900K, 2000 hr	10	<b>FLS-850ND230</b>	Studio 850 Non-Dimmable, 230v	30	<b>IP-23</b>	Expandable Triangular Leaf	8
<b>CM-30</b>	Big-foot	42	<b>EKB</b>	120v/420w, 3200K, 75 hr	11	<b>FR1-10</b>	Fren-L 650 w/barndoors	17	<b>IP-24</b>	Non-expandable Leaf	8
<b>CM-31</b>	Big-foot & Scissor-mount	42	<b>EMD</b>	120v/750w, 3200K, 400 hr	10	<b>FR1-101</b>	Fren-L w/lamp	17	<b>IP-25</b>	Clip-leaf (only)	19
<b>CM-50</b>	Safety Cable (3)	42	<b>EMF</b>	240v/800w, 3200K, 250 hr	10	<b>FR1-102</b>	Fren-L Pak	67	<b>IP-30</b>	2-Way Barndoor	8
<b>CP/96</b>	120v/300w, 3400K, 75 hr	21	<b>EYL</b>	12v/100w, 3200K, 50 hr	11	<b>FR1-11</b>	Fren-L 650 w/barndoor holder	17	<b>IP-35</b>	Swing-in Accessory Holder	8
<b>CP/97</b>	230v/300w, 3200K, 75 hr	21	<b>E1-10</b>	Lowel Ego complete	23	<b>FR1-20</b>	Set of 4 leaves	17	<b>IP-40</b>	Pro & i Focus Knob	7
<b>D2-10</b>	DP Light	15	<b>E1-10E</b>	Lowel Ego complete (CE)	23	<b>FR1-22</b>	Rectangular leaf (1)	17	<b>IP-49</b>	Extension	7
<b>D2-101</b>	DP Light w/ lamp	15	<b>E1-20</b>	Lowel Ego-sweep	23	<b>FR1-23</b>	Triangular leaf (1)	17	<b>IP-50</b>	Pro & i Gel Frame	39
<b>D2-102</b>	DP Light Pak	67	<b>E1-27</b>	Lowel Ego lamp, daylight	23	<b>FR1-25</b>	Gel-brella & Flexi-shaft Bracket	17	<b>IP-50H</b>	Diffused Glass only	8
<b>D2-15</b>	#1 Reflector	15	<b>E1-27E</b>	Lowel Ego lamp, daylight (CE)	23	<b>FR1-53</b>	Snoot	17	<b>IP-51</b>	Diffused Glass with Holder	8
<b>D2-17</b>	#3 Reflector	15	<b>E1-92</b>	Lowel Ego 2 Light Set	23	<b>FR1-54</b>	Full Scrim	17	<b>IP-51H</b>	Dichroic Filter only	8
<b>D2-19</b>	DP Light Protective Screen	15	<b>E1-92E</b>	Lowel Ego 2 Light Set (CE)	23	<b>FR1-55</b>	Half Scrim	17	<b>IP-52</b>	Dichroic Filter with Holder	8
<b>D2-20</b>	Complete Barndoor	15	<b>F1-30</b>	Lobo	42	<b>FR1-56</b>	Graduated Scrim	17	<b>IP-52H</b>	Prismatic Glass only	8
<b>D2-21</b>	Barndoor Frame	15	<b>F1-40</b>	Lobo Arm	42	<b>FR1-58</b>	Set of 3 Snoot patterns	17	<b>IP-53</b>	Pro & i Prismatic Glass with Holder	8
<b>D2-22</b>	Rectangular Leaf	15	<b>F1-41</b>	Lobo & Lobo Arm	42	<b>FR1-61</b>	Fren-L Lampak	49	<b>IP-54</b>	Snoot	8
<b>D2-23</b>	Triangular Leaf	15	<b>F1-70</b>	Day Blue	39	<b>FRG</b>	120v/500w, 3200K, 150 hr	16	<b>IP-54H</b>	Full Scrim only	8
<b>D2-24</b>	DP Frame	39	<b>F1-71</b>	ND 3	39	<b>FRH</b>	220v/500w, 3200K, 150hr	16	<b>IP-55</b>	Full Scrim with Holder	8
<b>D2-25</b>	DP Brella (Standard/Silver)	37	<b>F1-72</b>	Frost	39	<b>FRJ</b>	240v/500w, 3200K, 150 hr	16	<b>IP-55H</b>	Half Scrim only	8
<b>D2-26</b>	DP Brella (Special/White)	37	<b>FCM/HIR(FWM)</b>	120v/650w, 3200K, 400 hr	10	<b>FRK</b>	120v/650w, 3200K, 150 hr	16	<b>IP-56</b>	Half Scrim with Holder	8
<b>D2-50</b>	Diffused Glass	15	<b>FCZ</b>	120v/500w, 3000K, 2600 hr	10	<b>FRL</b>	220v/650w, 3200K, 150 hr	16	<b>IP-56H</b>	Graduated Scrim only	8
<b>D2-51</b>	Dichroic Filter	15	<b>FDN</b>	120v/500w, 3200K, 400 hr	10	<b>FRM</b>	240v/650w, 3200K, 150 hr	16	<b>IP-70</b>	Graduated Scrim with Holder	8
<b>D2-52</b>	Clear Glass	15	<b>FEL</b>	120v/1000w, 3200K, 300 hr	14	<b>FSH</b>	120v/125w, 3200K, 100 hr	5	<b>IP-71</b>	Day Blue Gels	39
<b>D2-53</b>	Snoot	15	<b>FEP/220</b>	220v/1000w, 3200K, 150 hr	14	<b>FSK</b>	240/50, 300w, 3200K, 150 hr	16	<b>IP-72</b>	ND 3 Gels	39
<b>D2-53Z</b>	DP Narrow Snoot	15	<b>FEP/240</b>	240v/1000w, 3200K, 150 hr	14	<b>FSL</b>	220/30v, 300w, 3200K, 150 hr	16	<b>IP-77</b>	Frost Gels	39
<b>D2-54</b>	Full Scrim	15	<b>FKR/230</b>	230v/650w, 3100K, 300 hr	14	<b>FTK</b>	120v/500w, 3200K, 100 hr	11	<b>IP-78</b>	Assorted Gels	39
<b>D2-55</b>	Half Scrim	15	<b>FKW</b>	120v/300w, 3200K, 150 hr	16	<b>FVL</b>	120v/200w, 3200K, 200 hr	21	<b>IP2-18</b>	Pro-light Front Housing	7
<b>D2-56</b>	Graduated Scrim	15	<b>FLC-55DA</b>	Cinema-plus 55W daylight	24	<b>FVM</b>	120v/105w, 3200K, 250 hr	21	<b>IP2-19</b>	#2 with Front Housing & Clear Glass	7
<b>D2-57</b>	Cookaloris	15	<b>FLC-55TU</b>	Cinema-plus 55W tungsten	24	<b>GCA</b>	120v/250w, 3200K, 500hr	5	<b>JCV14.5V-50WC</b>	12/14v, 50w, 3200K, 100 hr	5
<b>D2-61</b>	DP/Rifa Lampak	49	<b>FLE-CM</b>	e-studio Overhead Bracket	35	<b>GCB</b>	30v/200w, 3200K, 100 hr	5	<b>JCD120V-300WC</b>	120v/300w, 3200K, 70 hr	11
<b>D2-70</b>	Day Blue	39	<b>FLE-200</b>	e-studio2	35	<b>GCC</b>	12v/100w, 3200K, 100 hr	5	<b>JCD230V-300WC</b>	230v/300w, 3200K, 75 hr	11
<b>D2-71</b>	ND 3	39	<b>FLE-200SF</b>	e-studio2 w/stand fitting	35	<b>GDA</b>	120v/500w, 3150K, 100 hr	4	<b>JCD240V-500WC</b>	240v/500w, 3200K, 50 hr	11
<b>D2-72</b>	Frost	39	<b>FLE-200CM</b>	e-studio2 w/clamp mount	35	<b>GF-10</b>	Total/Omni Gel File	38	<b>JCV220V-500WBM</b>	220v/500w, 3000K, 2000 hr	14
<b>D2-78</b>	Mixed Gels	39	<b>FLE-200E</b>	e-studio2 (CE model)	35	<b>GF-15</b>	DP Gel File	38	<b>JCV240V-500WBM</b>	240v/500w, 3000K, 2000 hr	14
<b>D2-93Z</b>	DP 3 Kit	64	<b>FLE-400</b>	e-studio4	35	<b>GLF/P44</b>	Standard Gel File	38	<b>K1-10</b>	Interlink	43
<b>D2-94Z</b>	DP 4 Kit	64	<b>FLE-400SF</b>	e-studio4 w/stand fitting	35	<b>GO-01</b>	6 x 4" Partition	45	<b>K1-11</b>	Double Male Stud	43
<b>D2-96Z</b>	DP Super Remote Kit	65				<b>GO-02</b>	7.75 x 4" Partition	45	<b>K4CC</b>	Cable Clips (10)	9
<b>D2-97Z</b>	Close Quarters Kit	64							<b>KCC</b>	Cable Clips (40)	9
<b>DMX-010</b>	10ft DMX Cable	32									
<b>DMX-025</b>	25ft DMX Cable	32									
<b>DMX-050</b>	50ft DMX Cable	32									
<b>DMX-TM</b>	DMX Terminator	32									
<b>DPR-95Z</b>	DP Core 95 Kit	65									
<b>DPR-96Z</b>	DP Core 96 Kit	65									

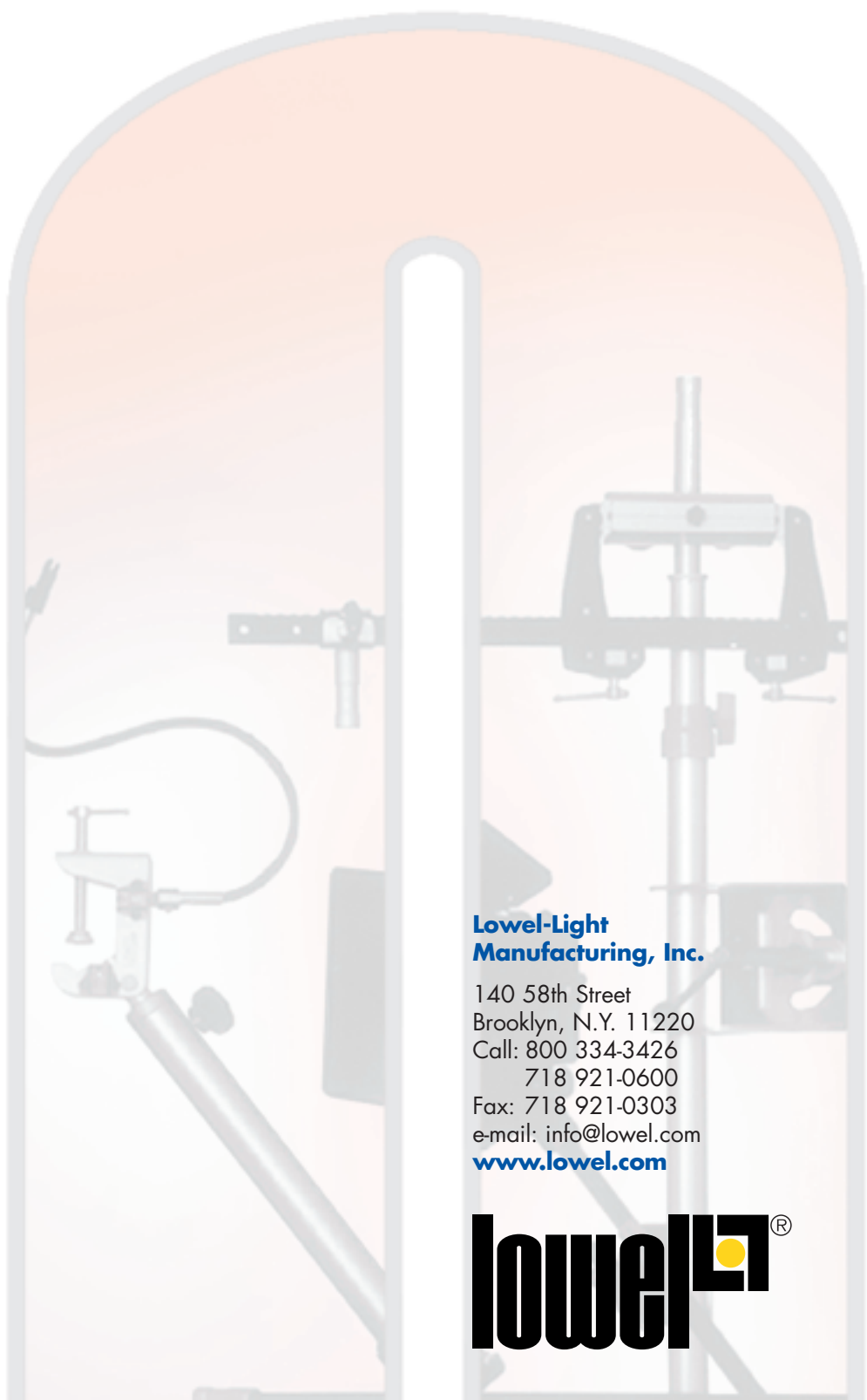


## By Code

KCL	Ceiling Link	41	LC-96LBZ	Rifa 66 Kit with Soft Case	55	01-86Z	Omni 86 Case	45	TO-973LBZ	Basically 3 Kit with Soft Case	63
KG	Grip	43	LC-96Z	Rifa 66 Kit	55	01-923Z	Action Kit with TO-83 Case	61	TO-973Z	Basically 3 Kit	63
KP	Full Pole (3 Section)	40	LC-98LBZ	Rifa 88 Kit with Soft Case	55	01-92LBZ	Action Kit with Soft Case	61	TO-983Z	Elemental Kit	62
KPH	Half Pole (3 Section)	40	LC-98Z	Rifa 88 Kit	55	01-92Z	Action Kit	61	TO-98LBZ	Elemental Kit with Soft Case	62
KS	KS Stand	40	LCP-944	Rifa Pro 44 Kit	54	01-93LBZ	Omni 3 Kit with Soft Case	60	TOR-943	Tota/Omni Core 44 Kit	62
KSA	KSA Stand	40	LCP-944LB	Rifa Pro 44 Kit with Soft Case	54	01-93Z	Omni 3 Kit	60	TOR-94LB	Tota/Omni Core 44 Kit with Soft Case	62
L1-100F	100w Flood	18	LCP-955	Rifa Pro 55 Kit	54	01-953Z	Omni 4 Kit with TO-83 Case	61	TOR-95LBZ	Tota/Omni Core 55 Kit with Soft Case	63
L1-100S	100w Spot	18	LCP-955LB	Rifa Pro 55 Kit with Soft Case	54	01-95Z	Omni 4 Kit	61	TOR-95Z	Tota/Omni Core 55 Kit	63
L1-20	4-way Clip-on Barndoor	19	LCP-966	Rifa Pro 66 Kit	55	P1-80	12' Pro Cable	9	TOR-95Z	Tota/Omni Core 55 Kit	63
L1-21	Clip-on Barndoor Frame (only)	19	LCP-966LB	Rifa Pro 66 Kit with Soft Case	55	P1-81	2-pin 30v Cable	9	TORP-955	Super Ambi Kit	53
L1-25	2-way Clip-on Barndoor	19	LCP-988	Rifa Pro 88 Kit	55	P1-82	4-pin XLR Cable	9	UN-33	Uni-stand	40
L1-32	Home-plate	19	LCP-988LB	Rifa Pro 88 Kit with Soft Case	55	P1-93ULBZ	GO All Pro Kit with Soft Case	58	UN-55	Uni TO Stand	40
L1-50H	with Diffused Glass	19	LF	Large Lightflector	37	P1-93UZ	GO All Pro Kit	58	UN-66	Uni Sr. Stand	40
L1-51H	with Dichroic Filter	19	LFGO	Small Lightflector	37	P2-10	Pro-light	7	V-85	V Shoulder Case	46
L1-52H	with Clear Glass	19	LFGOT	Small Lightflector with Tiller	37	P2-101	Pro-light w/lamp	7	V1-10	V-light	4
L1-58H	with Booster Blue Filter	19	LFT	Large Lightflector with Tiller	37	P2-102	Pro-light Pak	67	V1-101	V-light w/lamp	4
L1-93U	Mid-L Kit	66	LSF-05DA	LoweScandles & C/Cone(Day)	27	P2-10CE	Pro-light (Euro/CE approved)	5	V1-102	V-light Pak	67
L1-93U5	Mid-L Kit with GO-85 Case	66	LSF-05TU	LoweScandles & C/Cone (Tungsten)	27	P2-80	12' Pro Cable with IEC connector	9	V1-10CE	V-light (Euro CE approved)	4
L1-93ULB	Mid-L Kit with Soft Case	66	LSF-10DA	LoweScandles Light (Daylight)	27	P2-801	12' Pro Euro Cable	9	V1-240/50	240/250v, 500w, 3150K, 100hr.	4
L2-10	L-light with Stand-link	19	LSF-10TU	LoweScandles Light (Tungsten)	27	P2-802	12' Pro UK Cable	9	V1-90U5Z	GO Easy-V Kit with GO-85 Case	57
L2-101	L-light & Stand-link w/lamp	19	LSF-13	LoweScandles Body only	27	P2-81	1' 2-pin 30v Cable	9	V1-90ULBZ	GO Easy-V Kit with Soft Case	57
L2-102	L-light Pak	67	LSF-15	Collapsible Cone with front diffuser	27	P2-82	1' 4-pin XLR Cable	9	V1-90UZ	GO Easy-V Kit	57
L2-15	L-light with Home-plate	19	LSF-17	Aluminum Cone Reflector	27	P2-85	1' 12v Cigarette Lighter Cable	9	VIP-35	Vipod (only)	9
LA	Lowe Anchors (4)	41	LSF-18DA	Special 18w 8" (Daylight)	26	R1-82	Rifa Small Tube Case	46	VIP-35S	Vipod with Stud-link	9
LB-04	19.25 x 4" Partition	48	LSF-18TU	Special 18w 8" (Tungsten)	26	R1-83	Rifa Large Tube Case	46	VIP-36	L-link	8
LB-05	22 x 4.5" Partition	48	LSF-208	8" Polycarbonate Lamp Shield	27	R2-82	1' 4 pin XLR Switched Cable	22	VIP-37	Low-link	8
LB-06	7.5 x 4.5" Partition	48	LSF-212	12" Polycarbonate Lamp Shield	27	R2-85	1' 12v Switched Cigarette/Car Cable	22	VIP-38	Stud-link	8
LB-07	11.5 x 3.5" Partition	48	LSF-24DA	Standard 24w 12" (Daylight)	26	SC-10	Large Space-clamp	42	VIP-39	Stand-link	8
LB-08	29 x 6" Partition	48	LSF-24TU	Standard 24w 12" (Tungsten)	26	SC-15	Large Bar	42	VIP-41	Cam-link	8
LB-09	7.75 x 6" Partition	48	LSF-81	Small Scandle Case	47	SC-30	Stud Bracket	42	VIP-41L	Cam-link and Low-link	8
LB-30	Small Litebag Soft Case w/part.	48	LSF-82	Big Scandle Case	47	SC-35	Clamping Arm (1)	42	VIP-41S	Cam-link & Stud-link	8
LB-35	Large Litebag Soft Case w/part.	48	LSF-92DA	LoweScandles Two Light Kit (Daylight)	66	SP-90	Big Boom	43	VIP-42	Handle & Low-link	9
LB-40	Large Rifa Litebag	49	LSF-92TU	LoweScandles Two Light Kit (Tungsten)	66	SP-91	Basic Boom	43	VIP-43	Handle & Stud-link	9
LB-45	Small Rifa Litebag	49	LSS	Screw-in Stud (2)	43	SP-93	Background Support	43	VIP-50	Flag-link	7
LC	Lowe Casters (3)	41	LW	Lowe Weight	41	SP-95Z	VIP Boom	43	VIP-61	VIP Lampak	49
LC-30	Balance Bar	22	MCSE4	Fren-L Foam Insert	47	SS-10	Air Cushioned Shoulder Strap	48	VIP-86	VIP Shoulder Case	46
LC-44	250w Rifa-lite	21	MCSEF	Fren-L Multi Case	47	T1-10	Tota-light®	12	VP-97ULBZ	GO Jet Set Kit with Soft Case	58
LC-441	250w Rifa-lite w/lamp	21	MCSEM	Multi Case	47	T1-101	Tota-light® w/ lamp	12	VP-97UZ	GO Jet Set Kit	58
LC-44D	Standard Diffuser for LC-44	21	MCSEF	Fren-L Multi Case	47	T1-102	Tota-light® Pak	67	VP-98ULBZ	GO Intro-kit with Soft Case	57
LC-44EC/30	30° Egg Crate for LC-44	22	MCSEF	Fren-L Multi Case	47	T1-19	Tota-light Protective Screen	12	VP-98UZ	GO Intro-kit	57
LC-44EC/40	40° Egg Crate for LC-44	22	MCSEF	Fren-L Multi Case	47	T1-20	Tota-frame	39			
LC-44EC/50	50° Egg Crate for LC-44	22	ML-10	Missing Link clamp	43	T1-21	Tota-shade (1)	12			
LC-47	Daylight Gel Set/Rifa 44	39	ML-12	Small Spring Clamp with Stud	43	T1-24	Tota-shade (4)	12			
LC-55	500w max. Rifa-lite	21	ML-13	Large Spring Clamp with Stud	43	T1-25	Tota-brella Standard (silver)	37			
LC-551	500w max. Rifa-lite w/lamp	21	ML-16	Missing Link & Small Spring Clamp	43	T1-26	Tota-brella Special (white)	37			
LC-55D	Standard Diffuser for LC-55	21	ML-17	Missing Link & Large Spring Clamp	43	T1-30	Tota-clamp	42			
LC-55EC/30	30° Egg Crate for LC-55	22	01-10	Omni-light (standard)	12	T1-32	Tota-mount	42			
LC-55EC/40	40° Egg Crate for LC-55	22	01-101	Omni-light (standard) w/lamp	12	T1-34	Tota-latch (1)	37			
LC-55EC/50	50° Egg Crate for LC-55	22	01-102	Omni-light Pak	67	T1-36	Tota-tiller	42			
LC-57	Daylight Gel Set/Rifa 55	39	01-12	Omni-light 12v	12	T1-50	Flexi-shaft	37			
LC-66	750w max. Rifa-lite	21	01-13	Omni-light 30v	12	T1-52	Tota-flag	37			
LC-661	750w max. Rifa-lite w/ lamp	21	01-15	#1 Reflector	12	T1-54	Tota-flector	37			
LC-66D	Standard Diffuser for LC-66	21	01-16	#2 Reflector	12	T1-61	Tota Lampak	49			
LC-66EC/30	30° Egg Crate for LC-66	22	01-17	#3 Reflector	12	T1-70	Day Blue	39			
LC-66EC/40	40° Egg Crate for LC-66	22	01-19	Omni-light Protective Screen	12	T1-71	ND 3	39			
LC-66EC/50	50° Egg Crate for LC-66	22	01-20	Complete Barndoor	12	T1-72	Frost	39			
LC-67	Daylight Gel Set/Rifa 66	39	01-21	Barndoor Frame	12	T1-78	Assorted Gels	39			
LC-87	Daylight Gel Set/Rifa 88	39	01-22	Rectangular Leaf	12	T1-80	16' Tota/Omni Cable	13			
LC-88	1000w max. Rifa-lite	21	01-23	Triangular Leaf	12	T1-801	Tota Eurocord 16 ft. (5m)	13			
LC-881	1000w max. Rifa-lite w/lamp	21	01-33	Omni-stand	40	T1-802	Tota UK cord 16 ft. (5m)	13			
LC-88D	Standard Diffuser for LC-88	21	01-50	Diffused Glass	13	T1-808	10' Unswitched Cable	13			
LC-88EC/30	30° Egg Crate for LC-88	22	01-51	Dichroic Filter	13	T1-82	Tube Case	46			
LC-88EC/40	40° Egg Crate for LC-88	22	01-52	Clear Glass	13	T1-903Z	TO GO 95 Kit with TO-83 Case	60			
LC-88EC/50	50° Egg Crate for LC-88	22	01-53	Snoot	13	T1-923LBZ	Trans-kit with Soft Case	60			
LC-9456	Rifa Small Triple Soft Kit	56	01-53Z	Omni Narrow Snoot	13	T1-923Z	Trans-kit	60			
LC-9456LB	Rifa Small Triple Soft Kit with Soft Case	56	01-54	Full Scrim	13	TO-01	29.25 x 4" Partition	44			
LC-94LBZ	Rifa 44 Kit with Soft Case	54	01-55	Half Scrim	13	TO-61	Tota/Omni Lampak	49			
LC-94Z	Rifa 44 Kit	54	01-56	Graduated Scrim	13	TO-83	Tota/Omni 83 Case	44			
LC-9568	Rifa Big Triple Soft Kit	56	01-57	Cookaloris	13	TO-84Z	Tota/Omni 84 Case	45			
LC-95LBZ	Rifa 55 Kit with Soft Case	54	01-61	Omni Lampak	49	TO-95Z	Ambi Kit	63			
LC-95Z	Rifa 55 Kit	54	01-81	5' Omni 30v Cable	13	TO-96Z	Solo Kit	61			
			01-82	Cigarette Lighter Adaptor	9						

## Alphabetical

<b>A</b>		<b>H</b>		<b>P</b>		<b>U</b>	
Anchors	41	Half Pole	40	Padded Strap	48	Umbrellas	37
<b>B</b>		Hollywood-strip	38	Partitions Hard Case	45	Uni-Sr. Stand	40
Background Support	43	Home Plate	19	Partitions Soft Cases	48	Uni-stand	40
Balance Bar (Rifa)	22	<b>I</b>		Poles	40	Uni TO Stand	40
Big-foot	42	i/d light	6	Pro & i Gel Frame	39	<b>V</b>	
Blip-clip	38	i/d-light Lamps	6	Pro & i Handle	9	ViP Cases	46
Blips	38	i-light	6	Pro & i-light Components	7	ViP Components	7
Book	68	Interlink	43	Pro-light	5	ViP GO Kits	57
Booms	43	IP & L-light Gels	39	Pro-light Lamps	5	ViP Kits	57
<b>C</b>		IR DMX Controller	29	Protective Screen, DP	15	ViP Lampak	49
Cable Clips	8	IR DMX External Sensor	29	Protective Screen, Omni	12	Vipod	9
Cam-link	9	IR DMX Translator	36	Protective Screen, Tota	12	ViP System Plus Kits	58
Carry Strap	48	<b>K</b>		<b>R</b>		V-light	4
Caselite 2 & 4	24	KSA Stand	40	Rifa All Soft Kits	56	V-light Components	7
Caselite Components	25	KS Jr. Stand	40	Rifa Cases	46	V-light Lamps	4
Caselite Kits	66	KS Stand	40	Rifa Gels	39	<b>W</b>	
Caselite Lamps	24	<b>L</b>		Rifa-lite (44, 55, 66, 88)	20	Weight	41
Cases, Hard	44	Lampaks	49	Rifa-lite Components	21		
Cases, Soft	48	Lamps, Caselite	24	Rifa-lite Egg Crates	22		
Cases, with Moveable Partitions	44	Lamps, DP	14	Rifa-lite Kits	54		
Casters	41	Lamps, Fluo-Tec	33	Rifa-lite Lamps	21		
Ceiling Link	41	Lamps, Fren-L	16	Rifa Pro Kits	54		
<b>D</b>		Lamps, i/d	6	Rifa Soft Cases	49		
DMX Cables	32	Lamps, L-light MR-16 Screw-in	18	Rifa System Plus Kits	55		
Double Male Stud	43	Lamps, L-light	26	Rigs	43		
DP Brellas	37	Lamps, Omni-light	11	<b>S</b>			
DP Core Kits	65	Lamps, Pro-light	5	Safety Cable	42		
DP Frame	39	Lamps, Rifa-lite	21	Scandles	26		
DP Gels	39	Lamps, Tota-light	10	Scandles Case	47		
DP Kits	64	Lamps, V-light	4	Scandles Components	27		
DP Lamps	14	Lightreflectors	37	Scandles Kit	66		
DP Light	14	Litebags	48	Scandles Lamps	26		
DP Light Components	15	L-light	18	Scissor-mount	42		
DP/Rifa Lampak	49	L-light Components	19	Screw-in Stud	43		
DP System Plus Kit	65	L-light Kit	66	Space-clamp	42		
DP & T Kit	65	L-link	8	Spring Clamps (Large & Small)	43		
DP/Tota Lampak	49	Lobo, Lobo Arm	42	Stands	40		
DV Core Kits	58	Lowel DV Creator Kits	52	Studio 250	30		
DV Pro Kits	59	Lowel Fluo-Tec Studio	28	Studio 250cy	31		
<b>E</b>		LowelScandles	26	Studio 450	30		
e-studio Fluorescent	34	Low-link	9	Studio 650	30		
<b>F</b>		<b>M</b>		Studio 850	30		
Fin-S	38	Matters of Light & Depth	68	Stud-link	8		
Flag-link	7	Maxa-mount	42	<b>T</b>			
Flexi-shaft	37	Missing Link	43	Tape, Gaffer	19		
Fluo-Tec Studio	28	MR-16 Glass Accessories	19	Tota-brellas	37		
Fluo-Tec Lamps	33	Multi System Kits	52	Tota Cases	44		
Fluo-Tec Light Controls	31	<b>O</b>		Tota-clamp	42		
Fren-L 650	16	Omni Cases	44	Tota-clamp	13		
Fren-L 650 Cases	47	Omni GO Kits	60	Tota-daptor	37		
Fren-L 650 Components	17	Omni Kits	60	Tota-flag	37		
Fren-L 650 Lamps	16	Omni Lampak	49	Tota-flector	37		
Fren-L Lampak	49	Omni-light	11	Tota-frame	39		
Full Pole	40	Omni-light Components	12	Tota GO Kits	60		
<b>G</b>		Omni-light Lamps	11	Tota Kits	60		
Gaffer-tape	19	Omni-stand	40	Tota Lampak	49		
Gel Files	38			Tota-light	10		
Gel Frames	39			Tota-light Components	12		
Gel-jawz	38			Tota-light Lamps	10		
Gels	39			Tota-mount	42		
GO 85 Case	44			Tota/Omni Cases	44		
Grand Stand	40			Tota/Omni Core Kits	62		
Gridlock	9			Tota/Omni Gels	39		
Grip	43			Tota/Omni GO Kits	62		
				Tota/Omni Kits	61		
				Tota/Omni Lampak	49		
				Tota/Omni System Plus Kits	62		
				Tota-shade	12		
				Tota-latch	12		
				Tota-tilter	37		



**Lowel-Light  
Manufacturing, Inc.**

140 58th Street  
Brooklyn, N.Y. 11220  
Call: 800 334-3426  
718 921-0600  
Fax: 718 921-0303  
e-mail: [info@lowel.com](mailto:info@lowel.com)  
[www.lowel.com](http://www.lowel.com)

**lowel**  <sup>®</sup>