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

Lowel-Light Catalog 2012

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

Call: 800 645-2522  Fax: 631 273-2557

e-mail us at info@lowel.com
Visit us on the internet at 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.

Facebook
Lowel-Light is on Facebook, with useful tips and news.
Lowel Catalog

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Lowel is proud to present the first two models in a new series of LED fixtures, designed to bring studio quality to full fledged production facilities, and location setups as well.

Lowel Prime™ LED’s are brighter than many similarly sized production LED’s. Their wider 50˚ beam angle makes their output more usable.

All models available in dedicated Daylight or Tungsten color, with high Color Rendering Index - 91+

DMX & manually dimmable, with no noticeable color shift

All models auto-set to 90-240VAC

Quiet fanless operation

Supplied with hanging C-clamp & 5/8” stand mounts, plus applicable AC cables for studio or location use.

Specifications & Performance:

Daylight & Tungsten Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Color Temperature</th>
<th>Color Rendering Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Daylight</td>
<td>5600˚K</td>
<td>91+</td>
</tr>
<tr>
<td>Tungsten</td>
<td>3300˚K</td>
<td>91+</td>
</tr>
</tbody>
</table>

**Prime LED 400**

- Input Voltage: 120VAC 220VAC
- Nominal Current: 1.076A 0.619A
- Peak Current: 1.5A 0.92A
- Fuse: 3A/250V (USA/CANADA) 3A/250V (WORLDWIDE)
- AC Input: 100-240V, 60Hz, 135W
- Amperage: 1.50 Amps at 120 Volts, 0.92 Amps at 220 Volts

**Beam Angles:**
- Points at which intensity drops to 50% of maximum.
- Foot Candle readings taken with Tungsten color model, at center of beam, using a Minolta CL-200 meter.

**Prime LED 200**

- Input Voltage: 120VAC 220VAC
- Nominal Current: 0.714A 0.403A
- Peak Current: 0.97A 0.610A
- Fuse: 3A/250V (USA/CANADA) 3A/250V (WORLDWIDE)
- AC Input: 100-240V, 60Hz, 82W
- Amperage: 0.97 Amps at 120 Volts, 0.610 Amps at 220 Volts

**Beam Angles:**
- Points at which intensity drops to 50% of maximum.
- Foot Candle readings taken with Tungsten color model, at center of beam, using a Minolta CL-200 meter.
Lowel Prime ™ LED

Lowel Prime elevates the standard for production LEDs.

Prime is available in dedicated daylight or tungsten color models. For optimal color balance of light output, tungsten color models have a small qty of daylight LEDs, and daylight color models have a small qty of tungsten LEDs, integrated into the front panels. The color temperature of each fixture can be changed slightly by changing settings in DMX mode. This may help critical color balance to other light sources. There are also 4 pre-programmed dimming curves, for more uniform dimming with other fixtures in studio DMX settings.

Controling Lowel Prime LED

The fixtures of the Lowel Prime LED Series are all dimmable models, which can be controlled either manually on the fixture or remotely via a console with DMX-512 protocol.

Prime Barndoor Softening Set

Model 400 Code: PRM-420
Model 200 Code: PRM-220

Due to the ‘multi point-source’ nature of most LED fixtures, it is common to have an undesired multi-shadow effect, when using barndoors to trim the beam. This set includes a 4-way barndoor, subtle diffusion gel, and Gel-jawz clips, to minimize multi-shadow, while still allowing a visible barndoor cut. Includes: 4-way adjustable Barndoor, Prime Lite Diffusion Gel, Lowel Gel-jawz (4)

Lights

Lowel Prime LED 400

Daylight Model
Code: PRM-400DA
Tungsten Model
Code: PRM-400TU

Weight: 17.5 lbs (7.9 kg)
With Gel Frame, Safety Cable, Standard C Clamp yoke hanging mount device, Female 5/8” Stand Fitting, unswitched T1-80 AC cable (for C-clamp grid ‘studio’ use), and T1-80 switched AC Cable (for use on stand or boom)

Model 200 Code: PRM-220

Lowel Prime LED 200

Daylight Model
Code: PRM-200DA
Tungsten Model
Code: PRM-200TU

Weight: 13.5 lbs (6 kg)
With Gel Frame, Safety Cable, Standard C Clamp yoke hanging mount device, Female 5/8” Stand Fitting, unswitched T1-80 AC cable (for C-clamp grid ‘studio’ use), and T1-80 switched AC Cable (for use on stand or boom)

Light Controls

Honeycomb Grids

20° Honeycomb
Code: PRM-432 (Model 400)
Code: PRM-232 (Model 200)

30° Honeycomb
Code: PRM-433 (Model 400)
Code: PRM-233 (Model 200)

Honeycomb grids control the spill of the light, by attaching to the front of the fixture. The grids are available in 20 or 30 degree dispersions. Honeycomb Grids cause some loss of light output. 20 degree output loss - aprox 54%, 30 degree output loss - aprox 35%.

Mounts

KS Jr. Stand

Code: DT-33
Maximum height: 77” (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 Lowel Prime LED 200.

KS Stand

Code: KS
Maximum height: 6’ (2.74 m)
Collapsed length: 3’ (91 cm)
Weight: 4 lbs (1.8 kg)
Wide based, sturdy, lightweight stand with 5/8” (1.59 cm) stud. For Lowel Prime LED 200 or 400.

KSA Stand

Code: KSA
Air-cushioned stand. Otherwise same as above. For Lowel Prime LED 200 or 400.

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 Lowel Prime LED 200 or 400.

Cables & Connectors

16’ (T/O) AC Cable

Code: T1-80B
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.

16’ (5 m) (T/O) Eurocord

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

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. For approved CE use.
**Variable Color LED — 7.5-12v, 120-240v**

**Bring Intuitive Lighting to Your Location.**

2 sets of LED's in Tungsten & Daylight color are quickly & easily blended. Perfectly match the mixed light sources of your real world location, or create a contrasting color blend to make your subject stand out. Let your creative instincts be your guide.

**Powered by AC or battery for maximum flexibility.**

Twin sets of 5000k Daylight and 3000k Tungsten LED's, with rotary dimmer controls for each on the back of the fixture.

Blender packs more punch than you've come to expect from compact LED lights.

The lamphead's compact size (4 x 3 x 3") makes it small enough to fit on a pistol grip or compact light stand.

**Powered by AC, Camcorder Battery Sleds, or conventional 12v connections.**

**Supplied with a set of front diffusers for variable softening & diffusing of the blended output.**

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**Technical Data**

- **Size:** 6.5 x 4.5 x 3.5" (17 x 11 x 9 cm)
- **Weight less cable:** 1.2 lbs. (550 g)
- **Max. amperage:** 1.25 - 3, depending on input voltage
- **Beam control:** Fixed focus LEDs with accessory diffusers to vary quality
- **Fits on:** 5/8" (1.59 m) studs and accessories
- **Materials:** Primarily aluminum steel, & thermoplastic
- **Switch:** in-head
- **Patent Pending**

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**Performance**

The below charts show foot candle readings for Lowel Blender, at full combined brightness (both daylight & tungsten LED'S), as well as daylight and tungsten LED'S separately at full brightness. Readings are shown with & without supplied Lite Frost front diffuser attached.

**Without Diffuser**

**Foot Candles (LUX = foot candles x 10.8)**

- **Full Day/Tungsten:** 44 124 67 22
- **Full Daylight:** 25 64 37 21

**With Lite Frost Diffuser**

**Foot Candles (LUX = foot candles x 10.8)**

- **Full Day/Tungsten:** 270 111 50 29
- **Full Daylight:** 216 54 26 14
- **Full Tungsten:** 210 57 25 15

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

Readings taken with Minolta CL-200 meter.
Components

Lowel Blender

**Lights & Lowel Blender**

- **Code:** BLN-10
  - **Weight:** 2.5 lbs (1.13 kg)
  - Lowel Blender with supplied front clear safety plastic, auto voltage-setting AC adaptor (with 120v Edison & 240v 2 pin Euro plugs), & 3 accessory front diffusers.

- **Code:** BLN-911LB
  - **Weight:** 4.7 lbs (2 kg)
  - 1 Lowel Blender with auto voltage-setting AC adaptor (with 120v Edison & 240v 2 pin Euro plugs) & 3 front diffusers (BLN-10), Panasonic camcorder Battery Sled, Handle & Stud (VIP-431) in Blender Single Carry Bag.

- **Code:** BLN-912LB
  - Same as above with Sony Battery Sled (BSLD-12).

- **Code:** BLN-913LB
  - Same as above with Canon Battery Sled (BSLD-13).

**Lowel Blender AC/DC Pack**

- **Code:** BLN-911LB
  - **Weight:** 4.7 lbs (2 kg)
  - 1 Lowel Blender with auto voltage-setting AC adaptor (with 120v Edison & 240v 2 pin Euro plugs) & 3 front diffusers (BLN-10), Panasonic camcorder Battery Sled, Handle & Stud (VIP-431) in Blender Single Carry Bag.

- **Code:** BLN-912LB
  - Same as above with Sony Battery Sled (BSLD-12).

- **Code:** BLN-913LB
  - Same as above with Canon Battery Sled (BSLD-13).

**Lowel Blender Duo AC/DC Pack**

- **Code:** BLN-921LB
  - **Weight:** 4.7 lbs (2 kg)
  - 2 Lowel Blenders as described above (BLN-10), 2 Panasonic camcorder Battery Sleds, Handle & Stud (VIP-431) and Blender Duo Carry Bag.

- **Code:** BLN-922LB
  - Same as above with Sony Battery Sled (BSLD-12).

- **Code:** BLN-923LB
  - Same as above with Canon Battery Sled (BSLD-13).

**Blender Light Controls**

**Blender Front Accessories (set of 4)**

- **Code:** BLN-50
  - **Weight:** 2 oz (56 g)
  - To vary the diffusion & character of the blended output. Set of 4 front accessories: 1 Clear Safety Guard, plus 3 diffusers: Lite Frost, Cracked Ice, and Prismatic.

**Pro & i Gel Frame**

- **Code:** IP-40
  - **Weight:** 2 oz (56 g)
  - Locks directly into Blender. Holds 5 x 6" gels. Collapses for storage like Tota-frame.

**Mounts**

**Uni-stand**

- **Code:** UN-33
  - **Weight:** 2.4 lbs (1.1 kg)
  - Size: 21.5" (54.6 cm) folded. Alternative to Omni-stand, smaller (folded) & lighter weight. All Aluminum stand, extends to 7'11". Wide base, legs can lie flat to floor for increased versatility, large locking knobs, folds compactly to fit in smaller kits.

**Handle & Stud**

- **Code:** VIP-431
  - **Weight:** 3 oz (85 g)
  - For hand holding VIP lights. Updated Handle with 1/4-20 screw-threaded post, and 5/8" Stud with 1/4-20 screw-thread hole in bottom. Without Stud, Handle accepts screw-thread at bottom of UMB on Blender. With Stud, can accept Blender or other small lights with 5/8" stand-fitting.

**Low-link**

- **Code:** VIP-37
  - **Weight:** 1 oz (28 g)
  - It enables the Blender to be camera-mounted with a Camlink 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)
  - For Blender camera shoe mounting.

**Power Options**

**Blender AC Adaptor**

- **Code:** BL-80
  - **Weight:** 8 lbs (.4 kg)
  - Power supply auto-sets from 120 - 240v. With AC cable plugs to fit 120v USA & 240v Euro 2 pin.

**Panasonic Battery Sled**

- **Code:** BSLD-11
  - Accepts Panasonic standard DV camcorder batteries to power Lowel Blender. With belt clip, and velcro strap for hanging from stand. Fits the following Panasonic batteries: CGR-D120/D220/D320, CGR-S006A/S602/S603, CGR-D53S/D54S, plus Samsung - SB-L70G/L110G

**Canon Battery Sled**

- **Code:** BSLD-13

**Sony Battery Sled**

- **Code:** BSLD-12
  - Accepts Sony standard DV camcorder batteries to power Lowel Blender. With belt clip, and velcro strap for hanging from stand. Fits the following Sony batteries: NP-F330, NP-F550, NP-F730H, NP-F750, NP-F950, NP-FM50, NP-FM70, NP-FM90

**Blender Cigarette Plug Cable**

- **Code:** BL-85
  - Adapts Blender power connector jack to Cigarette Lighter plug for battery use. Length, 5 ft.

**Blender 4-Pin XLR Cable**

- **Code:** BL-82
  - Adapts Blender power connector jack to male 4-pin XLR plug for battery use. Length, 5 ft.

**Blender Anton Bauer Cable**

- **Code:** BL-83
  - Adapts Blender power connector jack to male Anton Bauer D-Tap plug for battery use. Length, 5 ft.
V-light

**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.

**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**

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>&quot;K</th>
<th>Avg Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>GDA</td>
<td>120</td>
<td>500</td>
<td>3150</td>
<td>100 hr</td>
</tr>
<tr>
<td>VI-240/250</td>
<td>240</td>
<td>250</td>
<td>500</td>
<td>100 hr</td>
</tr>
</tbody>
</table>

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

**Performance**

**With 120v, 500w, 3150°K, GDA lamp**

<table>
<thead>
<tr>
<th>Foot Candles (Lux = foot candles x 10.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doors Normal</td>
</tr>
<tr>
<td>Doors at 180°</td>
</tr>
</tbody>
</table>

**Beam Angles**

- (Vert) 72°
- (Vert) 66°
- (Vert) 54°
- Beam angles—points at which intensity drops to 50% of maximum
ViP System

Pro-light

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—6:1 with FVL lamp.

Max. Watts: 250 & 125 at 120v, 200 at 30v, 100 & 50 at12v. 235 at 230v.

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

Lamp/Beam Data

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>Flood</th>
<th>Foot Candles (Lux)</th>
<th>Flood</th>
<th>10’ (3 m)</th>
<th>Flood</th>
<th>Super Spot</th>
</tr>
</thead>
<tbody>
<tr>
<td>FVL</td>
<td>120</td>
<td>200</td>
<td>3200</td>
<td>200 hr</td>
<td>23 (250)</td>
<td>143 (1540)</td>
<td>6.1</td>
<td>302 (3260)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GCA</td>
<td>120</td>
<td>250</td>
<td>3200</td>
<td>100 hr</td>
<td>26 (285)</td>
<td>131 (1420)</td>
<td>5.1</td>
<td>389 (4200)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FSH</td>
<td>120</td>
<td>125</td>
<td>3200</td>
<td>100 hr</td>
<td>11 (115)</td>
<td>46 (515)</td>
<td>4.51</td>
<td>139 (1500)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GCC</td>
<td>12</td>
<td>100</td>
<td>3200</td>
<td>100 hr</td>
<td>12 (125)</td>
<td>58 (630)</td>
<td>5.1</td>
<td>245 (2650)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>JCV14.5V-230/235</td>
<td>50</td>
<td>3200</td>
<td>100 hr</td>
<td>6 (70)</td>
<td>28 (305)</td>
<td>2.1</td>
<td>125 (1350)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GLF/P44</td>
<td>230</td>
<td>235</td>
<td>3200</td>
<td>100 hr</td>
<td>39 (420)</td>
<td>81 (880)</td>
<td>2.1</td>
<td>178 (1920)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Only fits CE Pro-light, updated Pro-light (4/2003) & older Pro-lights with updated Front Housing (P2-18)

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

Performance

With 120v, 200w, 3200°K, Osram FVL lamp

Recommended 200w FVL lamp is more efficient than 250w GCA in output, with greater focus range and significantly longer life.

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

The combination of the focusable 200 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.

Performance

Foot Candles (Lux = foot candles x 10.8)

Flood: 86 73 11 7 3 0
Super Spot: 552 143 61 34 22

Switch: in-head
U.S. Patent: 477566

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 provide essential key or fill light, eye-light, and contrast control, when lighting for news and documentary shoots, 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.

They’re very popular with wedding & event shooters, who often attach to a Lowel Half Pole boom, and dim it down low, to add just the right amount of warm fill to candle-lit shots.

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

i & id Specs

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.

Lamp/Beam Data

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>Flood 9</th>
<th>Spot 40</th>
<th>Focus Range 4</th>
<th>Super Spot 29</th>
<th>Foot Candles (Lux) at 10' (3 m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>i-100</td>
<td>12/14</td>
<td>100</td>
<td>3200</td>
<td>500 hr*</td>
<td>9 (99)</td>
<td>40 (430)</td>
<td>5.1 167 (1800)</td>
<td>8.1 120 (1300)</td>
<td></td>
</tr>
<tr>
<td>i-55</td>
<td>12/14</td>
<td>55</td>
<td>3200</td>
<td>500 hr*</td>
<td>4 (40)</td>
<td>29 (315)</td>
<td>8.1 120 (1300)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*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: 5/8” (1.59 cm) stands, studs, camera tops, etc.
- Materials: primarily aluminum and Ryton

Cable:
- 4' (1.25 m)
- #18/2 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)

<table>
<thead>
<tr>
<th>Surface Type</th>
<th>5'</th>
<th>10'</th>
<th>15'</th>
<th>20'</th>
<th>25'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spot</td>
<td>157</td>
<td>64</td>
<td>146</td>
<td>89</td>
<td>64</td>
</tr>
<tr>
<td>Super Spot</td>
<td>648</td>
<td>167</td>
<td>65</td>
<td>39</td>
<td>26</td>
</tr>
</tbody>
</table>

Super Spot with clear safety glass

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

**Code:** P2-10
**Weight:** 2 lbs (907 g)
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, 200w FVL 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 7/16 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

ViP Light Controls

**Tota-brella**

**Standard/Silver**
**Code:** T1-25
**Weight:** 8 oz (227 g)
**Size:** Folded 12” x 11” (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.

**Special/White**
**Code:** T1-26
Same as above with extremely soft, white reflective surface.

**Tota-frame**
**Code:** T1-20
**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 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.
ViP System

Components

**Components**

**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 focussable.
  - iP-52 Without Holder
  - iP-52H With Holder

**Swing-in Accessory Holder**
- 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).

**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 focussable.
  - iP-52 Without Holder
  - iP-52H With Holder

**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)
- For Pro- or i-light camera shoe mounting.
Components

ViP System

**Mounts**

**Uni-stand**

- **Code:** UN-33
- **Weight:** 2.4 lbs (1.1 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.

**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.

**Handle & Stud**

- **Code:** VIP-431
- **Weight:** 3 oz (85 g)

For hand holding VIP lights. Updated Handle with 1/4-20 screw-thread hole in bottom. Without Stud, Handle accepts screw-thread at bottom of UMB on VIP Lights. With Stud, can accept VIP or other small lights with 5/8" stand-fitting.

Replaces VIP-43 Handle & Stud-link

**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 flaps or reflectors.

**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 Lobo 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 ceilings 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:** 3/4" (1.9 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:** P2-81
- **Weight:** 2 oz (57 g)

Adapts the updated Pro-light for use with appropriate 12 volt batteries for 100w operation. No wiring required.

- **Code:** P1-82 Original 12 volt cable for pre-updated Pro-lights (pre-April 2003).

- **12" Pro Euro Cable**
- **Code:** P2-802
- **Weight:** 10 oz (280 g)

Adapts the updated Pro-light for CE use with European voltages. #18/3 with IEC connector and male CEE-7/7 plug, unswitched.

- **12" Pro UK Cable**
- **Code:** P2-801
- **Weight:** 10 oz (280 g)

Adapts the updated Pro-light for CE use in U.K. #18/3 with IEC connector and male fused BS 363A plug, unswitched.

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

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

Adapts updated Pro-light IEC Connector for use with some 12 volt batteries and automobile cigarette lighter sockets. No wiring required.

- **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.
**Technical Data**

<table>
<thead>
<tr>
<th>Lamp/Beam Data</th>
<th>Lowel Code</th>
<th>Voltage</th>
<th>Wattage</th>
<th>°K</th>
<th>Avg Life (hr) doors norm</th>
<th>Avg Life (hr) doors 180°</th>
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</thead>
<tbody>
<tr>
<td>EHz</td>
<td>120</td>
<td>300</td>
<td>2900</td>
<td></td>
<td>2000</td>
<td>14 (149)</td>
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<tr>
<td>FDN</td>
<td>120</td>
<td>500</td>
<td>3200</td>
<td></td>
<td>400</td>
<td>27 (295)</td>
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<tr>
<td>FCZ</td>
<td>120</td>
<td>500</td>
<td>3000</td>
<td></td>
<td>2600</td>
<td>26 (283)</td>
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<tr>
<td>FCM/HIR</td>
<td>120</td>
<td>650</td>
<td>3200</td>
<td></td>
<td>400</td>
<td>60 (640)</td>
</tr>
<tr>
<td>EMD</td>
<td>120</td>
<td>750</td>
<td>3200</td>
<td></td>
<td>400</td>
<td>41 (445)</td>
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<tr>
<td>EMF</td>
<td>220/240</td>
<td>800</td>
<td>3200</td>
<td></td>
<td>250</td>
<td>45 (480)</td>
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</table>

**Performance**

**With 120v, 750w, 3200°K, EMD lamp**

<table>
<thead>
<tr>
<th>Foot Candles (Lux = foot candles x 10.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doors Normal</td>
</tr>
<tr>
<td>146  41  21  13  9</td>
</tr>
<tr>
<td>Doors at 180°</td>
</tr>
<tr>
<td>116  34  18  11  7</td>
</tr>
</tbody>
</table>

**Foot Candles (Lux = foot candles x 10.8)**

<table>
<thead>
<tr>
<th>Feet</th>
<th>Meters</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>3.00</td>
</tr>
<tr>
<td>15</td>
<td>4.50</td>
</tr>
<tr>
<td>20</td>
<td>6.00</td>
</tr>
<tr>
<td>25</td>
<td>7.50</td>
</tr>
</tbody>
</table>

**Beam Angles**

- Normal: 7° x 7° (Horiz) 4° (Vert)
- Spot: 7° x 7° (Horiz) 4° (Vert)
- 360° Constant tension no-yoke tilting

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).
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.
Lower wattage lamps available for today’s lower light HD cameras. See chart.

Quick-change super-spot accessory reflector for exceptionally long throws at all voltages.

Protective front screen must always be used.

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

Lamp/Beam Data

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>Foot Candles (Lux) at 10’ (3 m)</th>
<th>Flood</th>
<th>Spot</th>
<th>Focus Range</th>
<th>Super Spot</th>
</tr>
</thead>
<tbody>
<tr>
<td>EYL</td>
<td>12</td>
<td>100</td>
<td>3200</td>
<td>50 hr</td>
<td>14 (150)</td>
<td>111 (1200)</td>
<td>8.1</td>
<td>242 (2650)</td>
<td></td>
</tr>
<tr>
<td>DVG</td>
<td>30</td>
<td>250</td>
<td>3400</td>
<td>15 hr</td>
<td>37 (400)</td>
<td>311 (3360)</td>
<td>8.1</td>
<td>753 (8100)</td>
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</tr>
<tr>
<td>JCD120V/300WC</td>
<td>120</td>
<td>300</td>
<td>3200</td>
<td>70 hr</td>
<td>32 (345)</td>
<td>278 (3000)</td>
<td>9.1</td>
<td>444 (4800)</td>
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</tr>
<tr>
<td>EKB</td>
<td>120</td>
<td>420</td>
<td>3200</td>
<td>75 hr</td>
<td>66 (715)</td>
<td>390 (4200)</td>
<td>6.1</td>
<td>753 (8100)</td>
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</tr>
<tr>
<td>FTK</td>
<td>120</td>
<td>500</td>
<td>3200</td>
<td>100 hr</td>
<td>75 (810)</td>
<td>475 (5130)</td>
<td>6.1</td>
<td>920 (9936)</td>
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</tr>
<tr>
<td>GCY</td>
<td>230</td>
<td>500</td>
<td>3150</td>
<td>150 hr</td>
<td>75 (813)</td>
<td>295 (3200)</td>
<td>4.1</td>
<td>490 (5690)</td>
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</tr>
<tr>
<td>JCD240V-300WC</td>
<td>230</td>
<td>300</td>
<td>3200</td>
<td>75 hr</td>
<td>27 (290)</td>
<td>222 (2400)</td>
<td>8.1</td>
<td>361 (3960)</td>
<td></td>
</tr>
<tr>
<td>JCD240V-500WC</td>
<td>240</td>
<td>500</td>
<td>3200</td>
<td>50 hr</td>
<td>73 (758)</td>
<td>344 (3720)</td>
<td>5.1</td>
<td>463 (5000)</td>
<td></td>
</tr>
</tbody>
</table>

Performace
With 120v, 500w, 3200°K, FTK lamp

Foot Candles (Lux = foot candles x 10.8)

<table>
<thead>
<tr>
<th>Feet</th>
<th>500</th>
<th>475</th>
<th>350</th>
<th>150</th>
<th>125</th>
<th>110</th>
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</thead>
<tbody>
<tr>
<td>Flood</td>
<td>3250</td>
<td>2750</td>
<td>2200</td>
<td>1350</td>
<td>1150</td>
<td>110</td>
</tr>
<tr>
<td>Spot</td>
<td>1900</td>
<td>1500</td>
<td>1200</td>
<td>700</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Super Spot</td>
<td>920</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

3 meters

1.5 3 4.5 6 8

5° 16° 12°
Tota/Omni System

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 EM lamp.

Omni-light (standard)
Code: O1-10
Weight: 2 lbs (1.02 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 (01-82), (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 (01-81), (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 Lowell’s unique peened, double parabolic, no-crossover configuration.

#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-shade Control
Code: T1-21
Weight: 3 oz (85 g)
Size: 9 x 4.5" (23 x 11.4 cm)
Pivoting panels snap onto Lowell 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.

Com ponents
**Components**

### Omni Light Controls

#### Diffused Glass
- **Code:** 01-50
- **Weight:** 3 oz (85 g)
- Softens light, reduces intensity and contrast, improves shadow quality. Light loss approx. 40% in flood.

#### Dichroic Filter
- **Code:** 01-51
- **Weight:** 3 oz (85 g)
- Converts 3200°K to average daylight with light loss of approx. 50%. Absorbs U.V.

#### Clear Glass
- **Code:** 01-52
- **Weight:** 3 oz (85 g)
- Absorbs some U.V. with 5% light loss.

#### Full Scrim
- **Code:** 01-54
- **Weight:** 2 oz (57 g)
- Stainless steel screen reduces light one stop without diffusion or softening of contrast.

#### Half Scrim
- **Code:** 01-55
- **Weight:** 2 oz (57 g)
- Same as above, half the light, rotates 360° to reduce light on any part of the subject that is too bright.

#### Graduated Scrim
- **Code:** 01-56
- **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:** 01-57
- **Weight:** 2 oz (57 g)
- Cut metal disk creates a soft shadow pattern to “break-up” flat backgrounds.

#### Omni Narrow Snoot
- **Code:** 01-532
- **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:** 01-53
- **Weight:** 4 oz (113 g)
- Creates a reduced, soft-edged circle of light. Two joined by a Frame (01-21), increases effect.

### Omni-stand

- **Code:** 01-33
- **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-lights; 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 doorposts, 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 mm³) with double pole switch and male CEE-7 plug. For approved CE use.

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

- **Code:** T1-802
- **Weight:** 13 oz (369 g)
- #18/3 (.75 mm³) with double pole switch and male fused BS 1363A plug. For approved CE use.

#### 5' Omni 30v Cable

- **Code:** 01-81
- **Weight:** 7 oz (199 g)
- #18/3, with switch and 2 pin “Amphenol Type” connector for batteries.

#### 10' Unswitched Cable

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

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) #18/3
Switch: in-line, heavy-duty
U.S. Patent: D 210972

Lamp/Beam Data

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>Foot Candles (Lux) at 10’ (3 m) Flood</th>
<th>Spot</th>
<th>Focus Range</th>
<th>Super Spot</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHC</td>
<td>120</td>
<td>500</td>
<td>3200</td>
<td>300 hr</td>
<td>43 (465)</td>
<td>390 (4200)</td>
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<td>500</td>
<td>3000</td>
<td>2000 hr</td>
<td>35 (375)</td>
<td>339 (3650)</td>
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<td>750</td>
<td>3200</td>
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<td>70 (760)</td>
<td>554 (5960)</td>
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<td>892 (9600)</td>
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<tr>
<td>EHG</td>
<td>120</td>
<td>750</td>
<td>3000</td>
<td>2000 hr</td>
<td>73 (780)</td>
<td>554 (5960)</td>
<td>8.1</td>
<td>892 (9600)</td>
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<tr>
<td>FEL</td>
<td>120</td>
<td>1000</td>
<td>3200</td>
<td>300 hr</td>
<td>88 (950)</td>
<td>711 (7650)</td>
<td>8.1</td>
<td>1161 (12500)</td>
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<tr>
<td>JCV220V-500WBM</td>
<td>220</td>
<td>500</td>
<td>3000</td>
<td>2000 hr</td>
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<td>505 (5450)</td>
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<td>FEP/220</td>
<td>220</td>
<td>1000</td>
<td>3200</td>
<td>150 hr</td>
<td>74 (795)</td>
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<td>1133 (12200)</td>
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<td>JCV240V-500WBM</td>
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<td>500</td>
<td>3000</td>
<td>2000 hr</td>
<td>46 (490)</td>
<td>218 (2350)</td>
<td>5.1</td>
<td>449 (4850)</td>
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<tr>
<td>FKR/230</td>
<td>230</td>
<td>650</td>
<td>3100</td>
<td>300 hr</td>
<td>61 (660)</td>
<td>381 (4100)</td>
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<td>734 (7900)</td>
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<td>FEP/240</td>
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<td>150 hr</td>
<td>77 (825)</td>
<td>627 (6750)</td>
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<td>1074 (11560)</td>
</tr>
</tbody>
</table>

Performance

With 120v, 1000w, 3200°K, FEL lamp

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

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

Multi-use, tungsten halogen source.

Watts:
1000, 750, 500 at 120v.
1000, 650, & 500 at 220 & 240v. Lower wattage lamps may be more suitable for todays lower light HD cameras.

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.
Components

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 Lowell’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.

DP Brella
Standard/Silver
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 arms.

EYE Light
Code: D2-25
Size: 41” (104 cm) open, 32.5” (82.6 cm) closed.
Weight: 1.4 lbs (335 g)
Slips directly into DP to convert it to a small soft light.

Cookaloris
Code: D2-27
Weight: 3 oz (85 g)
Cut metal disk creates a soft shadow pattern to “break-up” flat, bland backgrounds.

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.

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.

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: D2-27
Weight: 3 oz (85 g)
Cut metal disk creates a soft shadow pattern to “break-up” flat, bland backgrounds.

Nod Stock
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.

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

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 mm²) with double pole switch and male CEE-7 plug.
For approved CE use.

16’ (5 m) Tota UK Cord
Code: T1-802
Weight: 13 oz (369 g)
#18/3 (.75 mm²) with double pole switch and Male fused BS 1363A plug. For approved CE use.

10’ Unswitched Cable
Code: T1-803
Weight: 1.1 lbs (5 kg)
For portable stage lighting use.
“Hard service” #18/3 cable.

Mounts

KS Jr. Stand
Code: KS Jr.
Maximum height: 2’ (61 cm)
Collapsed length: 1’ (30 cm)
Weight: 2 lbs (907 g)
Wide-based, sturdy, lightweight stand with 5/8” (1.59 cm) stud, 4 sections and solid bar legs.

KS Stand
Code: KS
Maximum height: 3’ (91 cm)
Collapsed length: 1’ (30 cm)
Weight: 4 lbs (1.8 kg)
Wide-based, sturdy, lightweight stand with 5/8” (1.59 cm) stud, 2 sections and tubular legs.

KS Stand
Code: KS
Maximum height: 9’ (2.74 m)
Collapsed length: 3’ (91 cm)
Weight: 4 lbs (1.8 kg)
Wide-based, sturdy, 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’ (2.1 m)
Base diameter: 46”

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

Unswitched F [male]
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.
**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.

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Mtr's Avg Life (hr)</th>
<th>Foot Candles</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1-100F</td>
<td>120</td>
<td>100</td>
<td>3200</td>
<td>2000</td>
<td>25 (258)</td>
<td>40°</td>
</tr>
<tr>
<td>L1-100S</td>
<td>120</td>
<td>100</td>
<td>3000</td>
<td>2000</td>
<td>28 (288)</td>
<td>13°</td>
</tr>
</tbody>
</table>

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.

**Recommended Lamp/Beam Data**

| L-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-13 | Weight: 2.2 lbs (1 kg)   | 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 Stand-link Code: L2-15 | With 16’ switched #18/3 T1-80 cable to extend captive 34” IEC connector cable, (less lamp). |

| L-light with Home-plate™ Code: L2-15 | With 16’ switched #18/3 T1-80 cable to extend captive 34” IEC connector cable, and 3-yd. roll of Gaffer-tape, (less lamp). |

**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 |

**Mounts**

| Uni-stand Code: UN-33 | Weight: 8 oz (227 g) |
| Stand-link Code: VIP-39 | Weight: 1.25 lbs (567 g) |
| Gaffer-tape Code: GT-30 | Weight: 1.25 lbs (567 g) |

**Cables**

| 16’ Switched AC Cable Code: T1-80 | Weight: 13 oz (369 g) |
| 12’ AC Cable Code: L1-80 | Standard #18/3, with IEC connector & switch, supplied with updated Light-flags (4/2003) to extend its 34” captive cable. |

| Pro & i Gel Frame Code: IP-40 | (See Light Controls) |
| Pro & i Gel (4) Code: T1-32 | (See Light Controls) |
| Total-brella Standard/Silver Code: T1-25 | (See Light Controls) |

**L-light System & Components**

**Screw-base MR-16 Tungsten Halogen & Reflector Lamps – 120v**

**Lights & L-light with Stand-link**

**L-light with Stand-link & Lamp Code: L2-101**

**L-light with Stand-link Code: L2-15**

**L-light with Home-plate™ Code: L2-15**

**L-light with Home-plate™ Code: L2-15**

**L-10 Light Controls**

**4-way Clip-on Barndoor**

**MR-16 Clip-on Holder Accessories**

**VIP Swing-in Accessory Holder**

<table>
<thead>
<tr>
<th>Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Mtr’s Avg Life (hr)</th>
<th>Foot Candles</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1-21</td>
<td>120</td>
<td>100</td>
<td>3200</td>
<td>2000</td>
<td>25 (258)</td>
<td>40°</td>
</tr>
<tr>
<td>L1-31H</td>
<td>120</td>
<td>100</td>
<td>3000</td>
<td>2000</td>
<td>28 (288)</td>
<td>13°</td>
</tr>
</tbody>
</table>

L1-21, Frame (no leaves) Code: L1-21 Weight: 1.5 oz (40 g) Frame only.

L1-31H, Frame (no leaves) Code: L1-31H Weight: 1.5 oz (40 g) Frame only.

**Clip-on Barndoor Frame (no leaves) Code: L1-21**

<table>
<thead>
<tr>
<th>Code</th>
<th>Weight: 4 oz (113 g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1-25</td>
<td>Single Clip-on Barndoor.</td>
</tr>
</tbody>
</table>

**Dichroic Filter in Holder Code: L1-51H**

<table>
<thead>
<tr>
<th>Weight: 2 oz (57 g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attaches to rim of MR-16 lamps.</td>
</tr>
</tbody>
</table>

**Dichroic Filter With Swing-in Holder Code: IP-50H**

<table>
<thead>
<tr>
<th>Weight: 2 oz (56 g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attaches onto Barndoor Frame to accept glass accessories and scrim. Also used for Pro &amp; i-lights. (See VIP System)</td>
</tr>
</tbody>
</table>

**Diffused Glass With Swing-in Holder Code: IP-51H**

<table>
<thead>
<tr>
<th>Weight: 2 oz (56 g)</th>
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<tbody>
<tr>
<td>Absorbs some U.V. Light loss: approx. one stop.</td>
</tr>
</tbody>
</table>

**Gel-jawz (8) Code: CL-15**

<table>
<thead>
<tr>
<th>(See Light Controls)</th>
</tr>
</thead>
</table>

**Pro & i Gel Frame Code: IP-40**

<table>
<thead>
<tr>
<th>(See VIP System)</th>
</tr>
</thead>
</table>

**Pro & i Gels (3) Code: T1-32**

<table>
<thead>
<tr>
<th>(See Light Controls)</th>
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</thead>
</table>

**Pro & i Gel Frame Code: IP-40**

<table>
<thead>
<tr>
<th>(See VIP System)</th>
</tr>
</thead>
</table>

**Pro & I Gels (5) Code: T1-32**

<table>
<thead>
<tr>
<th>(See Light Controls)</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>(See Light Controls)</th>
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</thead>
</table>

**Special/White Code: T1-26**

<table>
<thead>
<tr>
<th>(See Light Controls)</th>
</tr>
</thead>
</table>

**Gaffer-tape Code: GT-30**

<table>
<thead>
<tr>
<th>Weight: 8 oz (227 g)</th>
</tr>
</thead>
</table>

**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. |

**Gaffer-tape Code: GT-30**

<table>
<thead>
<tr>
<th>Weight: 8 oz (227 g)</th>
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</thead>
</table>

**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. |
Creating beautiful soft key or fill light doesn’t have to be strenuous or time consuming. Compact, lightweight, & self-contained, the Rifa uses a simple design approach as old as the umbrella to achieve its quick & easy setup and strike capabilities.

**Want Fluorescent?**
All Rifa’s can use our high CRI daylight fluorescent lamps for highly accurate color rendering.

**Need less light?**
All 4 models can go down to 125w AC.

**No AC current?**
All 4 models can use DC battery power for 50-200w.

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.

All 4 original Rifa-lite models have been updated to create the patented Lowel Rifa eXchange System. 4 light-efficient models: Max. 300, 500, 750 & 1000w. Silver aluminized high temperature Nomex® housing.

State of the art woven glass fabric front diffuser offers exceptional heat resistance.

Accessories include eXchange System Lampheads & Accessory Paks, Soft Egg Cages, Balance Bar for more versatile positioning, plus Lowel mounting accessories.

Use your Rifa as you always have...
All Rifa eX models come with lampheads that use the exact same lamps Rifa has always used, and you may choose to never remove it. However, the innovative Rifa eXchange System expands your creative options with push & twist accessory lampheads, for fluorescent & other tungsten-halogen options.

You’ve loved Rifa’s compact portability, 60 second setup, & beautiful output. With the Lowel Rifa eXchange System, we’ve added versatility. Its patented bayonet mount lets you swap lampheads with a quick push & twist of the wrist!

**Rifa eXchange Push & Twist Lampheads & Lamps**

<table>
<thead>
<tr>
<th>Lamphead</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH-X1000</td>
<td>Fits all Rifa eX models except eX 44 (Supplied with LC-55EX, LC-66EX, LC-88EX) Tungsten-halogen, 500-1000W. Lamps not included.</td>
</tr>
<tr>
<td>TH-X300</td>
<td>Fits all Rifa eX models (Supplied with LC-44EX, accessory to all other models). Tungsten-halogen, 50-200w DC, 125 - 300w AC. Lamps not included.</td>
</tr>
<tr>
<td>FLO-X1</td>
<td>Fits all Rifa eX models Daylight Fluorescent or Incandescent, 1 Edison Screw-thread lamp (not included). (CE model code - FLO-X1E)</td>
</tr>
<tr>
<td>FLO-X3</td>
<td>Fits all Rifa eX models Daylight Fluorescent Only, 3 Edison Screw-thread individually switched lamps. Lamps not included. (CE model code - FLO-X3E)</td>
</tr>
<tr>
<td>FLO-X5</td>
<td>Fits Rifa eX 88 Daylight Fluorescent Only, 5 Edison Screw-thread individually switched lamps. Lamps not included. (CE model code - FLO-X5E)</td>
</tr>
<tr>
<td>FLO-X1, FLO-X3, FLO-X5</td>
<td>Use Lowel Daylight Fluorescents Screw-threaded 5500k lamps with 8,000 lamp life &amp; 92+ CRI for daylight with high color accuracy.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lamphead</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1-27</td>
<td>27W, 120V AC</td>
</tr>
<tr>
<td>E1-27E</td>
<td>25W, 220/240V AC</td>
</tr>
<tr>
<td>E1-80</td>
<td>80W, 120V AC</td>
</tr>
<tr>
<td>E1-80E</td>
<td>80W, 220V AC</td>
</tr>
</tbody>
</table>

**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.

**U.S. Patents:**
459645, 7081001, 7153153
Features

Rifa eX 44 is the smallest member of the Lowel Rifa family.

Its size, & ability to use our smallest stands, lets it fit into our most compact kits, making it a great kit choice for run & gun lighting.

Swap to an accessory head to use our high color screw-in daylight fluorescent lamps.

Ideal for lighting closeup interviews, small area tabletop shoots, webcasting & more.

---

**LC-44EX Size**

16 x 16” (40 x 40 cm)

**Performance**

<table>
<thead>
<tr>
<th>Foot Candles (lux)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
</tr>
<tr>
<td>1.5</td>
</tr>
<tr>
<td>0.5</td>
</tr>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

**Beam Angles**

Points at which intensity drops to 50% of maximum

**Light &**

**Rifa eX 44**

*Code: LC-44EX*

*Size: 16 x 16” (40 x 40 cm), 21” (53 cm) collapsed*

*Weight with 4’ captive cable: 2.1 lbs (1 kg)*

*Max. wattage: 300*

*Max. amperage: 2.5 at 120v*

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

**Rifa eX 44 with lamp**

*Code: LC-44EX1*

Same as above but with 120v, 200w FVL lamp.

---

**Replacement Diffuser**

*Code: LC-44D*

*Size: 16 x 16” (40 x 40 cm)*

*Weight: 6 oz (190 g)*

*Standard light diffuser replacement. Diffuser must always be used to protect against lamp explosion.*

**Soft 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. Available in 3 dispersion angles: 30°, 40°, 50°.

**30° Egg Crate**

*Code: LC-44EC/30*

*Weight: 8 oz (228 g)*

**40° Egg Crate**

*Code: LC-44EC/40*

*Weight: 7 oz (196 g)*

**50° Egg Crate**

*Code: LC-44EC/50*

*Weight: 9 oz (250 g)*

---

**Accessory Lampheds**

**FLO-X1**

*Code: FLO-X1*

*Weight: 8 lbs (3.6 kg)*

**Fluorescent or Incandescent**

Edison Screw-thread, 27w at 120/240v. Lamps not included.

---

**FLO-X3**

*Code: FLO-X3*

*Weight: 1.8 lbs (8 kg)*

**Fluorescent Only**

Edison Screw-thread, 27w at 120/240v. Individually switched lamps. Lamps not included.

---

**Rifa eXchange System**

Dedicated softlight fixture with removable lamphed centered in collapsible silver aluminized high temperature Nomex® housing.

**Accessory quick exchange lampheds**

Allow use of daylight fluorescent lamps.

**Max. 300w**, with supplied TH-X300 tungsten-halogen head. See charts on page 27 for complete information:

**Fluorescent**: 27w 120v screw-threaded, color accurate daylight fluorescent lamps.

**Tungsten-halogen**: 105-300w AC, 50-200w DC.

**eXchange Fluorescent Accessory Packs & cases**, make it easy to “Go Flo”. See pg 67.
**Features**

A little larger than the Rifa eX 44, the 55 has more output punch and still fits into many of our smaller kits & cases.

Popular for talking head interviews and run & gun shoots where quick setup is needed.

The new accessory eXchange lampheads bring all of the lower wattage/voltage AC/DC tungsten-halogen lamp advantages of the Rifa eX 44. Or choose screw-threaded fluorescent options, including our 80w daylight lamp with high efficient output and accurate color rendering.

**LC-55EX Size**

21 x 21" (53 x 53 cm)

**Light &**

**Rifa eX 55**

Code: LC-55EX

Size: 21 x 21" (53 x 53 cm),
24" (61 cm) collapsed
Weight with 4' captive cable:
2.5 lbs (1.1 kg)
Max. wattage: 500
Max. amperage: 4.2 at 120v
With 4' captive cable, 18" switched #18/3 extending power cord (T1-80), light diffuser (LC-55D) and carrying sleeve. Less lamp.

**Rifa eX 55 with lamp**

Code: LC-55EX1

Same as above but with 120v, 500w EHC lamp.

**Replacement Diffuser**

Code: LC-55D

Size: 21 x 21" (53.3 x 53.3 cm)
Weight: 8 oz (227 g)
Standard light diffuser replacement. Diffuser must always be used to protect against lamp explosion.

**Soft 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. Available in 3 dispersion angles: 30°, 40°, 50°.

**30° Egg Crate**

Code: LC-55EC/30

Weight: 9.5 oz (266 g)

**40° Egg Crate**

Code: LC-55EC/40

Weight: 7.5 oz (210 g)

**50° Egg Crate**

Code: LC-55EC/50

Weight: 10 oz (280 g)

**Accessory Lampheads**

**TH-X300**

Code: TH-X300

Weight: 45 lbs (2 kg)
Tungsten-halogen, 125-300W at 120V, 235-300W at 240V, 50-100W at 12V, 200W at 30V, Lamps not included

**FLO-X3**

Code: FLO-X3

Weight: 1.8 lbs (0.8 kg)
Fluorescent Only
Edison Screw-thread, 27w and 80w at 120/240V. Individually switched lamps. Lamps not included.

**Accessory Pack**

**TH-X300 Accessory Pack for Rifa eX 55, 66, & 88**

Code: TH-X300P (120v)

Code: TH-X300PE (240v)

Weight: 1 lb (.5 kg)

1 TH-X300 Lamphead
1 VIP Lampak
1 200w, 120v lamp (FVL)
240v ver replaces FVL with GLF lamp. (Use T1-801 Eurocord).
For 12 or 30v use, swap lamp & power cable (see pg 26).

Dedicated softlight fixture with removable lamphead centered in collapsible silver aluminized high temperature Nomex® housing.

Accessory quick exchange lampheads allow use of lower wattage/voltage tungsten-halogen or daylight fluorescent lamps.

Max. 500w, with supplied TH-X1000 tungsten-halogen head. Or lower with accessory heads. See charts on page 27 for complete information:

**Fluorescent**: 27 & 80w screw-threaded, color accurate daylight fluorescent lamps.

**Tungsten-halogen**: 105-500w AC, 50-200w DC.

eXchange Fluorescent Accessory Packs & cases, make it easy to “Go Flo”. See pg 67.
**Features**

Rifa eX 66 is larger than models 44 & 55, yet it still folds up small enough to fit in many of our kits.

Use it with its supplied TH-X1000 lamphead and max. 750w lamp for high output, or switch to accessory TH-X300 eXchange lamphead, to go down to 105w with the same softness.

Working in daylight? There are accessory heads with fluorescent lamps to quickly convert as conditions change. Our high output, efficient 80w daylight fluorescent lamps has a high CRI for more accurate color rendering across the spectrum.

**Light &**

**Rifa eX 66**

- **Code:** LC-66EX
- **Size:** 25 x 25” (63.5 x 63.5 cm), 29.5” (75 cm) collapsed
- **Weight:** 3.5 lbs (1.6 kg)
- **Max. wattage:** 750
- **Max. amperage:** 6.25 at 120v

**Light &**

**Replacement Diffuser For LC-66EX**

- **Code:** LC-66D
- **Size:** 25 x 25” (66 x 66 cm)
- **Weight:** 10 oz (280 g)

**Soft 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. Available in 3 dispersion angles: 30°, 40°, 50°.

- **30° Egg Crate**
  - Code: LC-66EC/30
  - Weight: 12.5 oz (345 g)
- **40° Egg Crate**
  - Code: LC-66EC/40
  - Weight: 9.5 oz (266 g)
- **50° Egg Crate**
  - Code: LC-66EC/50
  - Weight: 12 oz (336 g)

**Accessory Lampheads**

**TH-X300**

- **Code:** TH-X300
- **Weight:** 45 lbs (2 kg)
- **Tungsten-halogen:** 125-300W at 120V, 235-300W at 240V, 50-100W at 12V, 200W at 30V

**FLO-X1**

- **Code:** FLO-X1
- **Weight:** 8 lbs (4 kg)

**FLO-X3**

- **Code:** FLO-X3
- **Weight:** 1.8 lbs (8 kg)

**Accessory Pack**

- 1 TH-X300 Lamphead
- 1 VIP Lampak
- 1 200w, 120v lamp (FVL)

240v ver replaces FVL with GLF lamp. (Use T1-801 Eurocord). For 12 or 30v use, swap lamp & power cable (see pg 26).
Rifa eXchange System

Features

Rifa eX 88 is the largest of the Lowel Rifa eXchange family.

Between its supplied TH-X1000 and the accessory TH-X300 eXchange lamphead, the Rifa eX 88 boasts an extraordinary 105-1000w tungsten-halogen lamp range.

Lamp down low & move in closer, for decreased output with the same level of beautiful Rifa softness.

Other accessory lampheads allow use of High CRI screw-threaded fluorescents, including our 80w daylight lamp with high efficient output and accurate color rendering.

Dedicated softlight fixture with removable lamphead centered in collapsible silver aluminized high temperature Nomex® housing.

Accessory quick exchange lampheads allow use of lower wattage & voltage tungsten-halogen or daylight fluorescent lamps.

Max. 1000w, or 500 & 750w, with supplied TH-X1000 tungsten-halogen head. Or lower with accessory heads. See charts on page 27 for complete information:

Fluorescent: 27 & 80w screw-threaded, color accurate daylight fluorescent lamps.
Tungsten-halogen: 105-1000w AC, 50-200w DC.

eXchange Fluorescent Accessory Packs & cases, make it easy to “Go Flo”. See pg 67.

LC-88EX Size

32 x 32” (81 x 81 cm)

Light &

Rifa eX 88

Code: LC-88EX
Size: 32 x 32” (81 x 81 cm), 34” (86 cm) collapsed
Weight with 4” captive cable: 4.5 lbs (2 kg)
Max. wattage: 1000
Max. amperage: 8.3 at 120v With 4” captive cable, 16” switched #18/3 extending power cord (T1-801), light diffuser (LC-88D) and carrying sleeve. Less lamp.

Rifa eX 88 with lamp
Code: LC-88EX1
Same as above but with 120v, 1000w FEL lamp.

Replacement Diffuser
Code: LC-88D
Size: 32 x 32” (81.3 x 81.3 cm)
Weight: 12 oz (340 g)
Standard light diffuser replacement. Diffuser must always be used to protect against lamp explosion.

Soft 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. Available in 3 dispersion angles: 30°, 40°, 50°.

30° Egg Crate
Code: LC-88EC/30
Weight: 1 lb (448 g)

40° Egg Crate
Code: LC-88EC/40
Weight: 12 oz (336 g)

50°Egg Crate
Code: LC-88EC/50
Weight: 14 oz (392 g)

Performance

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

Accessory Lampheads

TH-X300

Code: TH-X300
Weight: 45 lbs (2 kg)
Tungsten-halogen, 125-300w at 120V, 235-300w at 240V, 50-100w at 12V, 200w at 30V, Lamps not included

FLO-X1

Code: FLO-X1
Weight: 8 lbs (4 kg)
Fluorescent or Incandescent, Edison Screw-thread, 27w and 80w at 120/240v. Lamps not included.

FLO-X3

Code: FLO-X3
Weight: 1.8 lbs (8 kg)
Fluorescent Only
Edison Screw-thread, 27w and 80w at 120/240v. Individually switched lamps. Lamps not included.

Accessory Pack

TH-X300 Accessory Pack for Rifa eX 55, 66, & 88

Code: TH-X300P (120v)
Code: TH-X300PE (240v)
Weight: 1 lb (5 kg)

1 TH-X300 Lamphead
1 VIP Lampak
1 200w, 120v lamp (FVL)
240v ver replaces FVL with GLF lamp. (Use T1-801 Eurocord). For 12 or 30v use, swap lamp & power cable (see pg 26).

Soft 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. Available in 3 dispersion angles: 30°, 40°, 50°.
**Rifa eX Retrofit**

All original Rifa-lite models can be updated to Rifa eX models, either by available user upgrade kits or by the Lowel Repair Dept.

Each retrofit replaces the center core of the Rifa with a new core & a removable version of the same lamphead the original Rifa came with.

User retrofits should only be done by a skilled electrician, or Lowel Repair Dept. If unsure, contact Lowel, or download & read the Rifa eX retrofit instructions for more information: www.lowel.com

**Rifa 44 to Rifa eX 44 User Retrofit Kit**

Code: LC-74

Lowel Repair Dept Retrofit Code: LC-741

**Rifa 55 to Rifa eX 55 User Retrofit Kit**

Code: LC-75

Lowel Repair Dept Retrofit Code: LC-751

**Rifa 66 to Rifa eX 66 User Retrofit Kit**

Code: LC-76

Lowel Repair Dept Retrofit Code: LC-761

**Rifa 88 to Rifa eX 88 User Retrofit Kit**

Code: LC-78

Lowel Repair Dept Retrofit Code: LC-781

**Rifa Daylight Gel Sets**

For correcting tungsten lanced 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-44EX

Code: LC-47

Size: 23 x 16” (58.4 x 40.6 cm)

For LC-55EX

Code: LC-57

Size: 29 x 22” (73.7 x 56 cm)

For LC-66EX

Code: LC-67

Size: 33 x 28” (84 x 66 cm)

For LC-88EX

Code: LC-87

Size: 39 x 32” (99 x 81.3 cm)

**Lamp Tubes**

**27w Lamptube**

Code: FLO-X61

Size: 13 x 3.5” (33 x 9 cm)

Weight: 4 lbs (2 kg)

High impact plastic tube with end caps and foam inner cushion. Holds (2) 27w screw-threaded fluorescent lamp for exchange System lampheads. Lamps not included.

**80w Lamptube**

Code: FLO-X63

Size: 13 x 3.5” (33 x 9 cm)

Weight: 4 lbs (2 kg)

High impact plastic tube with end caps and foam inner cushion. Holds (1) 80w screw-threaded fluorescent lamp for exchange System lampheads. Lamps not included.

**Mounts**

**Uni TO Stand**

Code: UN-55

Weight: 2.6 lbs (1.2 kg)

Size: 21.5” (55.2 cm) folded.

Maximum height: 7” (22 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 eX 44.

**KS Jr. Stand**

Code: DF-33

Size: Maximum height: 7.7” (23 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 eX 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, sturdy, lightweight stand with 5/8” (1.59 cm) stud. For all 4 Rifas.

**RFA Stand**

Code: RFA

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 eX and its stand fitting (models 55, 66, & 88 only). 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 reflectors.

**Safety Cable (3)**

Code: CM-50

Weight: 2 oz (57 g)

Recommended for extra security when attaching Rifa-lite overheard. (Set of 3).

For more mounts: see Mounts section.

**Cables**

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. For approved CE use.

16’ (5 m) 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. For approved CE use.

5’ 30v Cable

Code: O1-81

Adapts Rifa eX 44, and other models using TH-X300 lamphead, 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 Rifa eX 44, and other models using TH-X300 lamphead, for use with appropriate 12 volt batteries. No wiring required.

1’ 12v Switched Cigarette Lighter/Car Adaptor Cable

Code: R2-85

Adapts Rifa eX 44, and other models using TH-X300 lamphead, for use with some 12 volt batteries and automobile cigarette lighter sockets. No wiring required.
The Lowell Rifa eXchange family uses the eXchange System’s quick change modular lampheads to allow larger Rifas to use lower wattage and DC powered lamps. It also allows all models to use our high quality color accurate, screw-threaded fluorescent lamps. The below charts give an overview of output performance.

The fluorescent lampheads & lamps of the eXchange System are also used by the SoftCore™ System shown on the following pages. The efficient output & high color accuracy of Lowell’s fluorescent lamps make beautiful soft-lite images easier to create.

### Rifa eX 55 Lamp/Beam Data

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>FC(lux) 5'</th>
<th>FC(lux) 10'</th>
</tr>
</thead>
<tbody>
<tr>
<td>JCV14.5-50WC</td>
<td>12/14</td>
<td>50</td>
<td>3200</td>
<td>100 hr</td>
<td>7 (79)</td>
<td>2 (22)</td>
</tr>
<tr>
<td>GCC</td>
<td>12</td>
<td>100</td>
<td>3200</td>
<td>100 hr</td>
<td>8 (81)</td>
<td>2 (23)</td>
</tr>
<tr>
<td>FSH</td>
<td>12</td>
<td>125</td>
<td>3200</td>
<td>100 hr</td>
<td>15 (166)</td>
<td>4 (46)</td>
</tr>
<tr>
<td>FVM</td>
<td>12</td>
<td>105</td>
<td>3200</td>
<td>250 hr</td>
<td>14 (148)</td>
<td>4 (46)</td>
</tr>
<tr>
<td>FVL**</td>
<td>12</td>
<td>200</td>
<td>3200</td>
<td>200 hr</td>
<td>33 (356)</td>
<td>9 (106)</td>
</tr>
<tr>
<td>GCA</td>
<td>12</td>
<td>250</td>
<td>3200</td>
<td>100 hr</td>
<td>39 (348)</td>
<td>10 (111)</td>
</tr>
<tr>
<td>CP/96*</td>
<td>12</td>
<td>300</td>
<td>3400</td>
<td>75 hr</td>
<td>40 (333)</td>
<td>14 (147)</td>
</tr>
<tr>
<td>GLF/P44</td>
<td>230</td>
<td>235</td>
<td>3200</td>
<td>100 hr</td>
<td>35 (381)</td>
<td>9 (102)</td>
</tr>
<tr>
<td>CP/97*</td>
<td>230</td>
<td>300</td>
<td>3200</td>
<td>75 hr</td>
<td>54 (582)</td>
<td>15 (159)</td>
</tr>
</tbody>
</table>

* Different lamp base, Rifa-44 socket accepts this base.
** Longer life lamp recommendation (slightly lower wattage).

### Rifa eX 44 Lamp/Beam Data

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>FC(lux) 5'</th>
<th>FC(lux) 10'</th>
</tr>
</thead>
<tbody>
<tr>
<td>JCV74.5-50WC</td>
<td>12/14</td>
<td>50</td>
<td>3200</td>
<td>100 hr</td>
<td>7 (79)</td>
<td>2 (22)</td>
</tr>
<tr>
<td>GCC</td>
<td>12</td>
<td>100</td>
<td>3200</td>
<td>100 hr</td>
<td>11 (123)</td>
<td>3 (33)</td>
</tr>
<tr>
<td>FSH</td>
<td>12</td>
<td>125</td>
<td>3200</td>
<td>100 hr</td>
<td>17 (183)</td>
<td>5 (50)</td>
</tr>
<tr>
<td>FVM</td>
<td>12</td>
<td>105</td>
<td>3200</td>
<td>250 hr</td>
<td>35 (378)</td>
<td>9 (109)</td>
</tr>
<tr>
<td>FVL**</td>
<td>12</td>
<td>200</td>
<td>3200</td>
<td>100 hr</td>
<td>41 (448)</td>
<td>11 (120)</td>
</tr>
<tr>
<td>CP/96*</td>
<td>12</td>
<td>300</td>
<td>3400</td>
<td>75 hr</td>
<td>55 (593)</td>
<td>14 (156)</td>
</tr>
<tr>
<td>GLF/P44</td>
<td>230</td>
<td>235</td>
<td>3200</td>
<td>100 hr</td>
<td>37 (396)</td>
<td>10 (105)</td>
</tr>
<tr>
<td>CP/97*</td>
<td>230</td>
<td>300</td>
<td>3200</td>
<td>75 hr</td>
<td>59 (639)</td>
<td>16 (170)</td>
</tr>
</tbody>
</table>

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

### Rifa eX 66 Lamp/Beam Data

With TH-X1000 Lamphead

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>FC(lux) 5'</th>
<th>FC(lux) 10'</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHF</td>
<td>120</td>
<td>500</td>
<td>3200</td>
<td>300 hr</td>
<td>72 (778)</td>
<td>19 (209)</td>
</tr>
<tr>
<td>EHD</td>
<td>120</td>
<td>500</td>
<td>3000</td>
<td>2000 hr</td>
<td>69 (745)</td>
<td>18 (198)</td>
</tr>
<tr>
<td>JCV220V-500WBM</td>
<td>220</td>
<td>500</td>
<td>3000</td>
<td>2000 hr</td>
<td>78 (846)</td>
<td>21 (228)</td>
</tr>
<tr>
<td>JCV240V-500WBM</td>
<td>240</td>
<td>500</td>
<td>3000</td>
<td>2000 hr</td>
<td>66 (710)</td>
<td>17 (188)</td>
</tr>
</tbody>
</table>

### With TH-X1000 Lamphead

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>FC(lux) 5'</th>
<th>FC(lux) 10'</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHF</td>
<td>120</td>
<td>500</td>
<td>3200</td>
<td>300 hr</td>
<td>72 (778)</td>
<td>19 (209)</td>
</tr>
<tr>
<td>EHD</td>
<td>120</td>
<td>500</td>
<td>3000</td>
<td>2000 hr</td>
<td>69 (745)</td>
<td>18 (198)</td>
</tr>
<tr>
<td>JCV220V-500WBM</td>
<td>220</td>
<td>500</td>
<td>3000</td>
<td>2000 hr</td>
<td>78 (846)</td>
<td>21 (228)</td>
</tr>
<tr>
<td>JCV240V-500WBM</td>
<td>240</td>
<td>500</td>
<td>3000</td>
<td>2000 hr</td>
<td>66 (710)</td>
<td>17 (188)</td>
</tr>
</tbody>
</table>

With TH-X300 Lamphead

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>FC(lux) 5'</th>
<th>FC(lux) 10'</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1-27</td>
<td>12</td>
<td>27</td>
<td>5500</td>
<td>8000 hr</td>
<td>9 (92)</td>
<td>3 (31)</td>
</tr>
<tr>
<td>E1-27E</td>
<td>23</td>
<td>25</td>
<td>5500</td>
<td>8000 hr</td>
<td>9 (97)</td>
<td>3 (32)</td>
</tr>
</tbody>
</table>

With FLO-X1 Lamphead

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>FC(lux) 5'</th>
<th>FC(lux) 10'</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1-27</td>
<td>12</td>
<td>27</td>
<td>5500</td>
<td>8000 hr</td>
<td>23 (223)</td>
<td>7 (78)</td>
</tr>
<tr>
<td>E1-27E</td>
<td>23</td>
<td>25</td>
<td>5500</td>
<td>8000 hr</td>
<td>23 (252)</td>
<td>8 (85)</td>
</tr>
<tr>
<td>E1-80</td>
<td>12</td>
<td>80</td>
<td>5500</td>
<td>8000 hr</td>
<td>60 (653)</td>
<td>18 (190)</td>
</tr>
<tr>
<td>E1-80E</td>
<td>220</td>
<td>80</td>
<td>5500</td>
<td>8000 hr</td>
<td>71 (763)</td>
<td>21 (225)</td>
</tr>
</tbody>
</table>

With FLO-X3 Lamphead

<table>
<thead>
<tr>
<th>Lamp Code</th>
<th>Volts</th>
<th>Watts</th>
<th>°K</th>
<th>Avg Life</th>
<th>FC(lux) 5'</th>
<th>FC(lux) 10'</th>
</tr>
</thead>
<tbody>
<tr>
<td>E1-27</td>
<td>12</td>
<td>27</td>
<td>5500</td>
<td>8000 hr</td>
<td>23 (223)</td>
<td>7 (78)</td>
</tr>
<tr>
<td>E1-27E</td>
<td>23</td>
<td>25</td>
<td>5500</td>
<td>8000 hr</td>
<td>23 (252)</td>
<td>8 (85)</td>
</tr>
<tr>
<td>E1-80</td>
<td>12</td>
<td>80</td>
<td>5500</td>
<td>8000 hr</td>
<td>60 (653)</td>
<td>18 (190)</td>
</tr>
<tr>
<td>E1-80E</td>
<td>220</td>
<td>80</td>
<td>5500</td>
<td>8000 hr</td>
<td>71 (763)</td>
<td>21 (225)</td>
</tr>
</tbody>
</table>
Introducing SoftCore™, a compact light fixture that adds versatility and control to fluorescent softbox lighting setups. This multi-patented modular system uses the fluorescent lampheads of the Rifa eXchange System to light with up to 5 lamps, using most standard softboxes (not included).

Add our 80 Watt daylight fluorescent lamps for high output with accurate color. Its high frequency (20 kHz) ballast is designed for flicker-free hi-res digital still, video, & most slow-motion cinema use.

SoftCore can use the eXchange Accessory Fluorescent Packs & Kits. See page 67 for more information on these convenient ways to carry lampheads & lamps.

3 easy to swap fluorescent lamphead options, with switches for each lamp.

Patented 4 arm hooking system for easier softbox attachment.

Arms rotate & adjust for optimum softbox balance and position.

Convenient tilt handle for smooth lighting angle adjustments.

Allows attachment of a Lowel Pole & Weight for perfect balance on the stand, when using larger front heavy lampheads, lamps, & softboxes.

Folds down efficiently for compact kit storage.

**80 Watt Fluorescent Lamp**
80 Watt Daylight fluorescent lamp, with high 90+ C.R.I. (color rendering index) and 8,000 hour lamp life. Available in 120v & 240v models.

**SoftCore Performance**
These charts show foot candle readings for Lowel SoftCore, with 80w daylight, fluorescent lamps.

Readings are shown for use with each of the 3 accessory lampheads, fully lamped, and a Chimera Video Pro Plus Medium Softbox attached.

**Beam angles** - points at which intensity drops to 50% of maximum. Readings taken with Minolta CL-200 meter.
**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.

---

**Half Pole**

- **Code:** KPH
- **Weight:** 1.1 lbs (0.5 kg)
- **Maximum height:** 3’ (91 cm)
- **Collapsed length:** 18” (46 cm)

Extends stands, or can be used with Grip Clamp on stand as a boom. 2 Risers (3 sections). Can also be used with Lowel Weight in SoftCore to balance larger rigs, with larger softboxes.

---

**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.

---

**Lights & Combinations**

**SoftCore™**

- **Code:** SX-10
- **Weight:** 3.2 lbs (1.45 kg)

Lowel SoftCore with 16’ T1-80 AC Cable (less lamphheads & lamps).

---

**FLO-X1 Lamphead**

- **Code:** FLO-X1
- **Weight:** .8 lbs (0.4 kg)
- **Single Edison Lamp Socket, unswitched.**

---

**FLO-X3 Head**

- **Code:** FLO-X3
- **Weight:** 1.8 lbs (0.8 kg)
- **Three Edison Lamp Sockets, switched.**

---

**FLO-X5 Head**

- **Code:** FLO-X5
- **Weight:** 2.75 lbs (1.25 kg)
- **Five Edison Lamp Sockets, switched.**

---

**Lamps & Lamp tubes**

**E1-80**

- 120v, 80w, 5500k, 90+ C.R.I, 8000 hr life

**E1-80E**

- 220v, 80w, 5500k, 90+ C.R.I, 8000 hr life

**E1-27**

- 120v, 27w, 5500k, 90+ C.R.I, 8000 hr life

**E1-27E**

- 220v, 25w, 5500k, 90+ C.R.I, 8000 hr life

---

**Mounts**

**KS Stand**

- **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.

---

**Half Pole**

- **Maximum height:** 3’ (91 cm)
- **Collapsed length:** 18” (46 cm)

Extends stands, or can be used with Grip Clamp on stand as a boom. 2 Risers (3 sections). Can also be used with Lowel Weight in SoftCore to balance larger rigs, with larger softboxes.

---

**Lowel Weight**

- **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.
# Caselite®2/Caselite®4

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

## The Case IS the Light!

For the professional 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.

## Caselite Lamps

<table>
<thead>
<tr>
<th>Lowel Code</th>
<th>Mfrs Code</th>
<th>Watts</th>
<th>°K</th>
<th>CRI</th>
<th>Mfrs Avg Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLS-55TU</td>
<td>Osram StudioLine 55w/3200</td>
<td>55</td>
<td>3200 (tungsten)</td>
<td>85</td>
<td>8,000 hrs</td>
</tr>
<tr>
<td>FLS-55DA</td>
<td>Osram StudioLine 55w/5600</td>
<td>55</td>
<td>5600 (daylight)</td>
<td>85</td>
<td>8,000 hrs</td>
</tr>
<tr>
<td>FLC-55TU*</td>
<td>GE F55BX/CINPLUS32</td>
<td>55</td>
<td>3200 (tungsten)</td>
<td>90+</td>
<td>8,000 hrs</td>
</tr>
<tr>
<td>FLC-55DA*</td>
<td>GE F55BX/CINPLUS55</td>
<td>55</td>
<td>5500 (daylight)</td>
<td>90+</td>
<td>8,000 hrs</td>
</tr>
</tbody>
</table>

* 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.

## Caselites2 Technical Data

<table>
<thead>
<tr>
<th>Weight:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixture with lamps: 7.9 lbs (3.6 kg)</td>
</tr>
<tr>
<td>Fixture with lamps, Egg Crate, Intensifiers, Plate &amp; Stand-Fitting Bracket, AC Cable: 14.2 lbs (6.4 kg)</td>
</tr>
<tr>
<td>Fixture with above, plus lid: 21 lbs (9.5 kg)</td>
</tr>
<tr>
<td>Amperage: 2.6 at 120v, 1.4 at 230v</td>
</tr>
<tr>
<td>Fits on: 5/8” (1.59 cm) stud</td>
</tr>
<tr>
<td>Materials: High impact ABS and aluminum</td>
</tr>
<tr>
<td>Cable: removable 16’ (4.88m) #18/3 with switch</td>
</tr>
<tr>
<td>Switch: 1 in-line and 4 recessed lamp switches on back (CE - 1 in-line and 2 recessed)</td>
</tr>
<tr>
<td>U.S. Patents: 6164801; D428,254; 6,554,459,B72</td>
</tr>
</tbody>
</table>

## Caselite4 Technical Data

<table>
<thead>
<tr>
<th>Weight:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixture alone: 5.3 lbs (2.4 kg)</td>
</tr>
<tr>
<td>Fixture with lamps, Egg Crate, Intensifiers, Plate &amp; Stand-Fitting Bracket, AC Cable: 10 lbs (4.5 kg)</td>
</tr>
<tr>
<td>Fixture with above, plus lid: 14 lbs (6.4 kg)</td>
</tr>
<tr>
<td>Amperage: 1.3 at 120v, 7 at 230v</td>
</tr>
<tr>
<td>Fits on: 5/8” (1.59 cm) stud</td>
</tr>
<tr>
<td>Materials: High impact ABS and aluminum</td>
</tr>
<tr>
<td>Cable: removable 16’ (4.88m) #18/3 with switch</td>
</tr>
<tr>
<td>Switch: 1 in-line and 2 recessed lamp switches on back (CE - 1 in-line and 1 recessed)</td>
</tr>
<tr>
<td>U.S. Patents: 6164801; D428,254; 6,554,459,B72</td>
</tr>
</tbody>
</table>

## 2 Efficient models:

- 2 x 55w & 4 x 55w tube fixtures.
- Auto voltage-setting 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.
**Components**

**Caselite®2/Caselite®4 System**

### 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)

### 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)

### 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%)
  - Code: CF-35
    - Mounting Plate
    - 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.

- **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.

### 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.

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

### 16’ Power Cable

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

### Caselite2 Performance

**WITHOUT INTENSIFIERS**

- **Foot Candles** (Lux = foot candles x 10.8)
  - **Foot Candles**
    - **Beam Angles:** 77°H x 61°V
    - **Foot Candles**
      - 83
      - 23
      - **Meters**
        - 1.5
        - 3

**WITH INTENSIFIERS**

- **Foot Candles** (Lux = foot candles x 10.8)
  - **Foot Candles**
    - **Beam Angles:** 74°H x 46°V
    - **Foot Candles**
      - 125
      - 34
      - **Meters**
        - 1.5
        - 3

### Caselite4 Performance

**WITHOUT INTENSIFIERS**

- **Foot Candles** (Lux = foot candles x 10.8)
  - **Foot Candles**
    - **Beam Angles:** 76°H x 46°V
    - **Foot Candles**
      - 125
      - 34
      - **Meters**
        - 1.5
        - 3

**WITH INTENSIFIERS**

- **Foot Candles** (Lux = foot candles x 10.8)
  - **Foot Candles**
    - **Beam Angles:** 76°H x 46°V
    - **Foot Candles**
      - 169
      - 46
      - **Meters**
        - 1.5
        - 3

**Intensifiers set at approx. 40°**

All readings taken at the center of the beam, with daylight lamps, using Minolta T1 meter and Daylight Studiodine Lamps.
LowelScandles is the first multi-tasking fluorescent fixture. Its unique cluster of lamps make a whole new set of options possible for adding accessories to shape and direct the output.

200 Watt daylight or tungsten balanced light output from 8 lamps (24w/12” or 18w/8”), switched in pairs for easy variable output.

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).

Light Controls

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). (Pictured on left)

Daylight

Code: LSF-10DA
Tungsten

Code: LSF-10TU

Lowel Scandles Light & Cone

Daylight

Code: LSF-05DA
Tungsten

Code: LSF-05TU
Size: 20 x 11 x 8” (50.8 x 28.3 x 20.3 cm)
Weight: 11 lbs (5.5 kg)
Same as above, but with Collapsible Cone Intensifier & Front Diffuser.

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.

Clear Polycarbonate Shield

Shield 12”

Code: LSF-212
Weight: .5 lbs (224 g) approx.
Shield surrounds lamps to provide shock absorption. 2 models for 12” or 8” compact fluorescent lamps.

Shield 8”

Code: LSF-208
Weight: .5 lbs (224 g) approx.

Lighting Accessories

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.

Mounts

KS Stand

Code: KS
Size: Maximum Height: 9’ (2.74 m)
Collapsed length: 3’ (91 cm)
Weight: 4 lbs (1.8 kg)

KS Jr. Stand

Code: DT-33
Maximum height: 7” (2.2 m)

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.

*Lamp data: 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).
As comfortable in the studio as it is on location, TRIO™ delivers a beautifully soft source of high CRI daylight or tungsten color. Its 3 lamps are individually switched, to control light output. Designed with Lowell’s legendary attention to detail, TRIO’s mounting system keeps the light balanced over the stand while allowing a full range of tilting positions.

**TRIO Sizes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Width (cm)</th>
<th>Height (cm)</th>
<th>Depth (cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLT-300</td>
<td>Lowel TRIO with Mounting Plate, Tilt-bracket</td>
<td>66</td>
<td>24</td>
<td>8.3</td>
</tr>
<tr>
<td>FLT-310</td>
<td>Accessory side barndoors attach to trim sideways spill from TRIO</td>
<td>66</td>
<td>24</td>
<td>8.3</td>
</tr>
</tbody>
</table>

**Lights & Mounts**

**Tilt-bracket**

Code: CF-36

Weight: 1 lb (450g)

Supplied with TRIO, attaches between Mounting Plate and stand/boom. Allows more full range tilting, while keeping weight of fixture centered over stand for best balance.

**Hanging Clamp**

Code: FLE-CM

Attaches between TRIO Mounting Plate and overhead light rail/pipe. Allows more full range tilting, while keeping weight of fixture centered directly under clamp for best balance. Always use with safety cable, secured to rail.

**Univ 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)

**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)

**Safety Cable (3)**

Code: CM-50

Weight: 2 oz (57 g)

**16’ Switched AC Cable**

Weight: 13 oz (369 g)

Standard #18/3; with switch.

**10’ Unswitched Cable**

Weight: 1.1 lbs (0.5 kg)

For portable stage lighting use.

“Hard service” #18/3 cable.

**Technical Data**

Size: 26 x 9.5 x 3.25” (66 x 24 x 8.3 cm)

Weight without AC cable: 7.5 lbs (3.4 kg)

Max. wattage: 55 W x 3 lamps

Max. amperage: 2A @ 120v, 1A @ 230V, both at 50/60Hz

Beam control: variable with front accessories

Fits on: 5/8” stand studs

Materials: Primarily aluminum alloy & plastic

Cable: 16’ #18/3 wire, switched

Switches: 3 on fixture (each controls 1 lamp)

**TRIO Lamps**

Fluorescent, 120/230v, 55w

<table>
<thead>
<tr>
<th>Lowel Code</th>
<th>Mfr’s Code</th>
<th>Watts</th>
<th>°K</th>
<th>CRI</th>
<th>Mfrs Avg Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLS-55TU</td>
<td>Osram Studioline 55w/2300</td>
<td>55</td>
<td>55</td>
<td>85</td>
<td>8,000 hrs</td>
</tr>
<tr>
<td>FLS-55DA</td>
<td>Osram Studioline 55w/6000</td>
<td>55</td>
<td>55</td>
<td>85</td>
<td>8,000 hrs</td>
</tr>
<tr>
<td>FLCD-55STU</td>
<td>GE F55BX/CINPLU5S2</td>
<td>55</td>
<td>55</td>
<td>85</td>
<td>8,000 hrs</td>
</tr>
<tr>
<td>FLCD-55DA</td>
<td>GE F55BX/CINPLU5S5</td>
<td>55</td>
<td>55</td>
<td>85</td>
<td>8,000 hrs</td>
</tr>
</tbody>
</table>

*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.

**Lamp**: Osram Studioline 55w Daylight

**Color Temperature**: 5600°

**Performance**

**Without Intensifiers**

<table>
<thead>
<tr>
<th>Feet</th>
<th>Meters</th>
<th>116</th>
<th>41</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1.5</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**With Intensifiers**

<table>
<thead>
<tr>
<th>Feet</th>
<th>Meters</th>
<th>156</th>
<th>53</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1.5</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**Beam Angles**

Points at which intensity drops to 50% of maximum. Readings taken at center of beam with Minolta CL-200 meter.

**120/230v, 55w**

Auto voltage setting ballast, from 120 - 230v, easily swapped out in the field.

Use high CRI daylight or tungsten compact 55w lamps for accurate color matching with other light sources.

Individual lamp switching for variable output control.

Quick release dual purpose barndoors/intensifiers.

Easy to install egg crate for trimming spill.

Mounting Plate can be attached to allow horizontal or vertical rotation of the TRIO for maximum versatility of positioning.
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.

**System Overview**

5 dimmable models, housing from 2-8 (55w) lamps. Choose either DMX dimmable or Phase dimmable models.

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

Tungsten color lamps mix easily with focusable tungsten halogen sources, 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.

Phase dimmable models do not have dimmers installed inside. Instead they can be dimmed via any AC powered phase dimming system.

DMX dimmable models have patented, award winning, state of the art DMX electronics, with integrated DMX-512 circuitry, for 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.

**Planning a studio?**

For assistance in specifying equipment for a fluorescent studio/ video conference room, see the Studio Fluorescent pages at www.lowel.com. There are example setups with equipment lists, and a submission form for site specific quotes.

Contact us at: 800 645-2522 or info@lowel.com.

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

**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 style patch 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 250**

**Performance**

<table>
<thead>
<tr>
<th>Without Intensifier</th>
<th>63’ H x 62’ V *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Candles (Lux = foot candles x 10.8)</td>
<td>273 68 30 17</td>
</tr>
<tr>
<td>Feet</td>
<td>3 6 9 12</td>
</tr>
<tr>
<td>Meters</td>
<td>.9 2.7 3.7</td>
</tr>
</tbody>
</table>

**With Intensifier | 52’ H x 41’ V * |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Candles (Lux = foot candles x 10.8)</td>
<td>573 142 63 36</td>
</tr>
<tr>
<td>Feet</td>
<td>3 6 9 12</td>
</tr>
<tr>
<td>Meters</td>
<td>.9 2.7 3.7</td>
</tr>
</tbody>
</table>

**Dimmable**

Code: FLS-250DM – 120v DMX model  
Code: FLS-250DM230 – 220/240v DMX model  
Code: FLS-250PHD – 120v Phase  
Dimmable model  

Size: 27.5 x 10.6 x 4.5” (69 x 26.5 x 11 cm)  
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.

**Most Popular Model**

**Studio 650**

**Performance**

<table>
<thead>
<tr>
<th>Without Intensifier</th>
<th>63’ H x 62’ V *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Candles (Lux = foot candles x 10.8)</td>
<td>801 198 88 50</td>
</tr>
<tr>
<td>Feet</td>
<td>3 6 9 12</td>
</tr>
<tr>
<td>Meters</td>
<td>.9 2.7 3.7</td>
</tr>
</tbody>
</table>

**With Intensifier | 52’ H x 48’ V * |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Candles (Lux = foot candles x 10.8)</td>
<td>1329 329 147 82</td>
</tr>
<tr>
<td>Feet</td>
<td>3 6 9 12</td>
</tr>
<tr>
<td>Meters</td>
<td>.9 2.7 3.7</td>
</tr>
</tbody>
</table>

**Dimmable**

Code: FLS-650DM – 120v DMX model  
Code: FLS-650PHD – 120v Phase  
Dimmable model  

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

**Most Popular Model**

**Studio 450**

**Performance**

<table>
<thead>
<tr>
<th>Without Intensifier</th>
<th>63’ H x 62’ V *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Candles (Lux = foot candles x 10.8)</td>
<td>569 141 63 35</td>
</tr>
<tr>
<td>Feet</td>
<td>3 6 9 12</td>
</tr>
<tr>
<td>Meters</td>
<td>.9 2.7 3.7</td>
</tr>
</tbody>
</table>

**With Intensifier | 52’ H x 50’ V * |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Candles (Lux = foot candles x 10.8)</td>
<td>962 238 106 60</td>
</tr>
<tr>
<td>Feet</td>
<td>3 6 9 12</td>
</tr>
<tr>
<td>Meters</td>
<td>.9 2.7 3.7</td>
</tr>
</tbody>
</table>

**Dimmable**

Code: FLS-450DM – 120v DMX model  
Code: FLS-450DM230 – 220/240v DMX model  
Code: FLS-450PHD – 120v Phase  
Dimmable model  

Size: 27.5 x 15.75 x 4.5” (69 x 39 x 11 cm)  
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.

**Most Popular Model**

**Studio 850**

**Performance**

<table>
<thead>
<tr>
<th>Without Intensifier</th>
<th>63’ H x 62’ V *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Candles (Lux = foot candles x 10.8)</td>
<td>989 244 109 61</td>
</tr>
<tr>
<td>Feet</td>
<td>3 6 9 12</td>
</tr>
<tr>
<td>Meters</td>
<td>.9 2.7 3.7</td>
</tr>
</tbody>
</table>

**With Intensifier | 52’ H x 50’ V * |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Candles (Lux = foot candles x 10.8)</td>
<td>1805 446 199 111</td>
</tr>
<tr>
<td>Feet</td>
<td>3 6 9 12</td>
</tr>
<tr>
<td>Meters</td>
<td>.9 2.7 3.7</td>
</tr>
</tbody>
</table>

**Dimmable**

Code: FLS-850DM – 120v DMX model  
Code: FLS-850DM230 – 220/240v DMX model  
Code: FLS-850PHD – 120v Phase  
Dimmable model  

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

**Most Popular Model**
Fluorescent Studio System

**Studio 250cy**

**Dimmable**

- **Code:** FLS-250CYDM – 120v DMX model
- **Code:** FLS-250CYDM230 – 220/240v DMX model
- **Code:** FLS-250CYPHD – 120v Phase Dimmable model

**Size:** 52 x 10.6 x 4.5” (130 x 26.5 x 11 cm)

**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**

<table>
<thead>
<tr>
<th>Foot Candles (Lux = foot candles x 10.8)</th>
<th>Without Intensifier</th>
<th>82 H x 64 Y*</th>
</tr>
</thead>
<tbody>
<tr>
<td>882</td>
<td>392</td>
<td>220</td>
</tr>
</tbody>
</table>

**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**

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

**Egg Crate Grid**

Trims spill, but with less control & output loss.

**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.

**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**

To help control light output, they slide into guides on front of fixture. Some attach to front of Intensifier, if used.

---

**Accessory Location Output Loss / Gain Studio850 Studio650 Studio450 Studio250 Studio250cy**

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

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 focusing tungsten-halogen 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 for more examples.

For assistance in specifying equipment for a fluorescent studio/video conference room, contact us at: 800 645 2522 or info@lowel.com.

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 connect or. 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. For approved CE use.

Lowel e-studio cable options: The above AC Cable options are also available for the Lowel e-studio fluorescent system as shown on pp. 40, 41. 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 (1.75” dia. max). 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. Allow s 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

**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

**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).

**Power Consumption @120VAC 50/60Hz**

<table>
<thead>
<tr>
<th>DMX Dimmable Models 120v</th>
<th>Model Current</th>
<th>Fuse</th>
<th>Continuous Power Consumption</th>
<th>Peak Ignition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Studio 850DM</td>
<td>6.30 A</td>
<td>6.00 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studio 650DM</td>
<td>5.00 A</td>
<td>4.50 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studio 450DM</td>
<td>3.15 A</td>
<td>3.00 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studio 250DM</td>
<td>1.60 A</td>
<td>1.50 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studio 250cyDM</td>
<td>3.15 A</td>
<td>3.00 A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Phase Dimmable Models 120v (choose fuses rated @ 250v)**

<table>
<thead>
<tr>
<th>Model Current</th>
<th>Fuse</th>
<th>Continuous Power Consumption</th>
<th>Peak Ignition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Studio 850PHD</td>
<td>8 A</td>
<td>12.30 A</td>
<td></td>
</tr>
<tr>
<td>Studio 650PHD</td>
<td>6.3 A</td>
<td>8.36 A</td>
<td></td>
</tr>
<tr>
<td>Studio 450PHD</td>
<td>5 A</td>
<td>6.80 A</td>
<td></td>
</tr>
<tr>
<td>Studio 250PHD</td>
<td>5 A</td>
<td>4.10 A</td>
<td></td>
</tr>
<tr>
<td>Studio 250cyPHD</td>
<td>5 A</td>
<td>6.80 A</td>
<td></td>
</tr>
</tbody>
</table>

**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

**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 @220/240VAC 50/60Hz**

<table>
<thead>
<tr>
<th>DMX Dimmable Models 220/240v</th>
<th>Model Current</th>
<th>Fuse</th>
<th>Continuous Power Consumption</th>
<th>Peak Ignition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Studio 850DM230</td>
<td>3.15 A</td>
<td>3.00 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studio 650DM230</td>
<td>2.50 A</td>
<td>2.30 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studio 450DM230</td>
<td>1.60 A</td>
<td>1.60 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studio 250DM230</td>
<td>1.00 A</td>
<td>0.80 A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Studio 250cyDM230</td>
<td>1.60 A</td>
<td>1.60 A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Lamps**

**Osram Studioline® Lamps** (Manufacturer rated lamp life 8,000 hrs)

- Designed for use in video & digital imaging for higher output.

**Tungsten**

- **FLS-55TU** Studioline 55w/3200 85 3200
- **Daylight**

**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**

- **FLC-55TU** GE F55/D/CINPLUS 90+ 8,000 hrs. 3200
- **Daylight**

**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.
Fluorescent Studio System

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

Technical Data

Power Consumption

120v e-studio2, 4
<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Continuous Power</th>
<th>Peak Current</th>
<th>Fuse Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>e-studio2</td>
<td>120 VAC</td>
<td>0.8</td>
<td>1.3</td>
<td>3.15 A</td>
</tr>
<tr>
<td>e-studio4</td>
<td>120 VAC</td>
<td>1.7</td>
<td>2.5</td>
<td>5 A</td>
</tr>
</tbody>
</table>

230v e-studio2, 4
<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Continuous Power</th>
<th>Peak Current</th>
<th>Fuse Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>e-studio2</td>
<td>230 VAC</td>
<td>0.4</td>
<td>0.6</td>
<td>2.5 A</td>
</tr>
<tr>
<td>e-studio4</td>
<td>230 VAC</td>
<td>0.8</td>
<td>1.3</td>
<td>3.15 A</td>
</tr>
</tbody>
</table>

120/230v e-studio 6
(when auto-setting to 120VAC or 230VAC, the below values apply)
<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Continuous Power</th>
<th>Peak Current</th>
<th>Fuse Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>e-studio6</td>
<td>120 VAC</td>
<td>2.4</td>
<td>3.5</td>
<td>5 A</td>
</tr>
<tr>
<td>e-studio6</td>
<td>230 VAC</td>
<td>1.3</td>
<td>1.9</td>
<td>5 A</td>
</tr>
</tbody>
</table>

Lamps

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

<table>
<thead>
<tr>
<th>Lamps Type</th>
<th>CRI</th>
<th>Manufacturer Rated Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tungsten</td>
<td></td>
<td>8,000 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Lamps Type</th>
<th>CRI</th>
<th>Manufacturer Rated Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tungsten</td>
<td></td>
<td>8,000 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Amperage: See charts, for models operating at 120VAC or 240 VAC 50/60 Hz.
Fuse Ratings: 50/60Hz
Power Factor: >.99

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

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.

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

Innovative mounting system allows maximum fixture rotation & mounting flexibility.
## Components

### Lowel e-studio2

| 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 and T1-808 unswitched AC cable. For 220/240V CE approved model, add $ to the code. Contact us for appropriate AC Cable. (See pg 38) |

**Size:** 25 x 9.2 x 5" (64 x 23 x 13 cm)  
**Ht. with Overhead Mt. 24" (61 cm)**  
**Weight:** 7.9 lbs (3.6 kg)  
**Foot Candles:** Uses 2 compact 55w lamps (not included). Includes Safety Cables (3).  
*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.*

### Lowel e-studio4

| 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 and T1-808 unswitched AC cable. For 220/240V CE approved model, add $ to the code. Contact us for appropriate AC Cable. (See pg 38) |

**Size:** 25 x 14.3 x 5" (64 x 36 x 13 cm)  
**Ht. with Overhead Mt. 27" (69 cm)**  
**Weight:** 10.4 lbs (4.7 kg)  
**Foot Candles:** Uses 4 compact 55w lamps (not included). Includes Safety Cables (3).  
*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.*

### Lowel e-studio6

| 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 and T1-808 unswitched AC cable. e-studio 6 is one model with auto-setting ballast voltages from 120-230V. (see pg 38 for AC cables) |

**Size:** 25 x 19.5 x 5" (64 x 49 x 13 cm)  
**Ht. with Overhead Mt. 29" (74 cm)**  
**Weight:** 14 lbs (6.4 kg)  
**Foot Candles:** Uses 6 compact 55w lamps (not included). Includes Safety Cables (3).  
*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.*

### 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

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

### Performance

#### 2 lamp

<table>
<thead>
<tr>
<th>Weight</th>
<th>Foot Candles (Lux = foot candles x 10.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.9 lbs (3.6 kg)</td>
<td>Uses 2 compact 55w lamps (not included). Includes Safety Cables (3).</td>
</tr>
<tr>
<td>10.4 lbs (4.7 kg)</td>
<td>Uses 4 compact 55w lamps (not included). Includes Safety Cables (3).</td>
</tr>
<tr>
<td>14 lbs (6.4 kg)</td>
<td>Uses 6 compact 55w lamps (not included). Includes Safety Cables (3).</td>
</tr>
</tbody>
</table>

#### 4 lamp

<table>
<thead>
<tr>
<th>Weight</th>
<th>Foot Candles (Lux = foot candles x 10.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.4 lbs (4.7 kg)</td>
<td>Uses 4 compact 55w lamps (not included). Includes Safety Cables (3).</td>
</tr>
</tbody>
</table>

#### 6 lamp

<table>
<thead>
<tr>
<th>Weight</th>
<th>Foot Candles (Lux = foot candles x 10.8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 lbs (6.4 kg)</td>
<td>Uses 6 compact 55w lamps (not included). Includes Safety Cables (3).</td>
</tr>
</tbody>
</table>

### Mounts

#### e-studio Stand Mount

**Code:** CF-36  
**Stand Mount fits 5/8" stand & keeps fixture center of gravity squarely over stand for best balance, while allowing max. rotation & angling of fixture. Supplied with all Stand Mount models. 16" (46 cm) tall.

#### e-studio Overhead Mount

**Code:** FLE-CM  
C-clamp fitted bracket allows hanging from pipe or rail (1.75" dia. max.) with maximum rotation & angling of fixture. Supplied with all Overhead Mount models. 19" tall.

#### KS Jr. Stand

**Code:** DT-33  
**Maximum height:** 77" (2.3 m)  
**Collapsible 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)  
**Collapsible 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)  
**Collapsible 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.
**Versatility**

Lowel Ego’s versatility lets you light as simply or elaborately as you want. Set it on the table & turn it on for effortless soft lighting of small objects with or without its bounce reflector card. Or use its 1/4 20 screw-threaded base to mount Ego on a tripod for talking head portraits, or overhead tabletop lighting. Use several Egos together for classic key/fill contrast ratio lighting.

**Perfect for:**

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

**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.
**Features**

**Light &**

**Lowel Ego**

**Code:** E1-10  
**Code:** E1-10E (CE 220/240v)

- **Size:** 16.5 x 16.5 x 8”
- **Weight:** 2.85 lbs (1.3 kg) w/lamps
- **Lamp voltage:** 120v AC/60Hz, 220v AC /50Hz (CE model)

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.

**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.

**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

Same as above but with 2 CE approved Lowel Ego’s (E1-10E) supplied with 25w E1-27E lamps.

**Lamps**

**Lowel Ego Replacement Lamp**

**Code:** E1-27  
**Code:** E1-27E (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 foot candle readings with supplied lamps F.C. (lux)**

<table>
<thead>
<tr>
<th>1'</th>
<th>2'</th>
<th>3'</th>
<th>4'</th>
<th>5'</th>
</tr>
</thead>
<tbody>
<tr>
<td>242 (2615)</td>
<td>83 (805)</td>
<td>40 (429)</td>
<td>25 (266)</td>
<td>16 (175)</td>
</tr>
</tbody>
</table>
**Reflectors, Umbrellas & Flags**

**Light Controls**

Learn more about how Light Controls work, visit Lowell EDU at www.lowel.com

![Light Controls Image](image)

**Reflectors, Umbrellas & Flags**

**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.

**Small Lightflector/Tilter**

- Code: LF
- Size: 15" x 24" (38.1 x 61 cm)
- Weight: 1.75 lbs (794 g)

Same as above but in smaller size. Will fit in GO-85 Case.

**Small Lightflector only**

- Code: LF0

**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.

**Large Lightflector**

- Code: LF0T
- Size: 21.75 x 11.75" (55.7 x 30.2 cm)
- Weight: 27 oz (765 g)

Same as above but in smaller size. Will fit in GO-85 Case.

**Large Lightflector only**

- Code: LF1
- 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. The other end attaches directly to DP, Omni and Tota-lights, a Tota-daptor, Tota-clamp, Tatch, or Tilter. (Pkg of 2).

**Flexi-shaft (2)**

- Code: T1-50
- Size: 16" (40.65 cm)
- Weight: 4 oz (113 g)

May be used to separate Flexi-shaft or Pro-rod from Tota-flector or umbrellas. (Pkg of 2).

**Flag-link**

- Code: VIP-50
- Size: 1 oz (28 g)

Attaches to Pro-light and i-light. Accepts one Flexi-shaft.

**Tota-flags**

- Code: T1-34
- Size: 3.5 oz (98 g)

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

**Tota-tatch**

- Code: F1-40
- Size: 22" (55.9 cm)
- 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**

- Code: F1-30
- Size: 10 oz (284 g)

Accepts one Flexi-shaft.

**Maxa-mount & Lobo**

- Code: CM-11
- Size: 17 oz (482 g)

Works with Lobo and Grip 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)
- Weight: 7 oz (198 g)

3/8" (1 cm) shaft.

**Lobo Arm & Lobo**

- Code: F1-41
- Size: 13 oz (370 g)

3/8" (1 cm) shaft.

**Light Controls**

Learn more about how Light Controls work, visit Lowell EDU at www.lowel.com

![Light Controls Image](image)

**Learn to Light Better**

Light Controls

- 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, background or camera lens. Makes a sharper, more controllable shadow than a barndoor.

**Reflective Silver Brella**

- Uses brella as large soft diffuser.

**Shoot-thru Use**

- White Brella Only.

Uses brella as large soft diffuser.

**Reflective Use**

- Reflective Silver Brella
- White Brella

**Tota-brella**

- Code: T1-34
- Size: 3.5 oz (98 g)

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

**Lobo**

- Code: F1-30
- Size: 10 oz (284 g)

Positions Maxa-mount, Lobo Arm, 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

**Tota-Daptor, Tota-clamp, Tatch, DP, Omni and Tota-lights, a barndoor.**

**Learn more about how Light Controls work, visit Lowell EDU at www.lowel.com**
Light Controls

Flags &

Fin-S™
There's only so much a barndoors can do. Fin-S makes up for those limitations. It clamps on an Omni or DP Barndoors leaf, reaches out and pivots in precisely to shape the beam and shade or shadow part of the scene. Two panels can hold a gels.
U.S. Patent: 5072350

Single
Code: CL-21
Weight: 4 oz (113 g)

Gel-jawnz (8)
Code: CL-15
Weight: 2 oz (56 g)
Package of eight clips. Attach to barndoors 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-strips clamps onto a barndoors leaf, to a Fin-S (below) or directly onto the rim of some lights.
U.S. Patent: 5138530

Flags &

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. 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.

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

To/a/omi 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 To/a/omi Assorted Gels

DP Gels (5)
Size: 12 x 16" (30.5 x 40.6 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 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

Gels Packs
Note: Lowel does not supply Polarizing gels. They may be damaged if used close to high-wattage Tungsten lamps.

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-44EX
Code: LC-47
Size: 23 x 16" (58.4 x 40.6 cm)
For LC-55EX
Code: LC-57
Size: 29 x 22" (73.7 x 56 cm)
For LC-66EX
Code: LC-67
Size: 33 x 26" (84 x 66 cm)
For LC-88EX
Code: LC-87
Size: 39 x 32" (99 x 81.3 cm)

Gels 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 cm)
Weight: 2 oz (56 g)
Locks directly into Pro, i & L-lights. Pans and tilts with the light. Collapses for storage.

To/a/omi-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 cm)
Weight: 6 oz (170 g)
Use with Tota/omi 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 rolls with the light. Permanent gel clips and adjustable support arm.

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 zipper pocket for storing Gel-jawnz, clothes pins etc.

Tota/omi 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/omi 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: 17.7 lbs (771 g)
Stores & organizes 20 x 24" industry standard sheet size gels.

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.
### Stands, Poles & Mounts

**Note:** For easiest reading, view this page and pg 45 as a Spread.

#### 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.

<table>
<thead>
<tr>
<th>Name</th>
<th>Code</th>
<th>Max. Height</th>
<th>Folded Length</th>
<th>Max. Base Diameter</th>
<th>Min. Tube Diameter</th>
<th>Max. Tube Diameter</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uni-stand</td>
<td>UN-33</td>
<td>7’11” (2.4 m)</td>
<td>21.5” (54.6 cm)</td>
<td>3’7” (1.1 m)</td>
<td>3/8” (.95 cm)</td>
<td>7/8” (2.2 cm)</td>
<td>2.4 lbs (1.1 kg)</td>
</tr>
<tr>
<td>Uni TO Stand</td>
<td>UN-55</td>
<td>7’11” (2.4 m)</td>
<td>21.5” (54.6 cm)</td>
<td>3’7” (1.1 m)</td>
<td>1/2” (1.27 cm)</td>
<td>1” (2.54 cm)</td>
<td>2.6 lbs (1.2 kg)</td>
</tr>
<tr>
<td>Omni-stand</td>
<td>01-33</td>
<td>9’ (2.74 m)</td>
<td>27” (69 cm)</td>
<td>3’1” (94 cm)</td>
<td>1/2” (1.27 cm)</td>
<td>7/8” (2.2 cm)</td>
<td>2.6 lbs (1.2 kg)</td>
</tr>
<tr>
<td>Uni Sr. Stand</td>
<td>UN-66</td>
<td>7’ (2.2 m)</td>
<td>22.5” (57.2 cm.)</td>
<td>3’10” (1.2 m)</td>
<td>3/4” (1.9 cm)</td>
<td>1 1/8” (2.9 cm)</td>
<td>3.3 lbs (1.5 kg)</td>
</tr>
<tr>
<td>KS Jr. Stand</td>
<td>DT-33</td>
<td>7’7” (2.3 m)</td>
<td>28” (65 cm)</td>
<td>3’1” (99 cm)</td>
<td>3/4” (1.9 cm)</td>
<td>1 1/8” (2.9 cm)</td>
<td>3.5 lbs (1.6 kg)</td>
</tr>
<tr>
<td>KS Stand</td>
<td>KS</td>
<td>9’ (2.74 m)</td>
<td>36” (91 cm)</td>
<td>3’5” (1 m)</td>
<td>7/8” (2.2 cm)</td>
<td>1 1/8” (2.9 cm)</td>
<td>4 lbs (1.8 kg)</td>
</tr>
<tr>
<td>KSA Stand</td>
<td>KSA</td>
<td>9’ (2.74 m)</td>
<td>36” (91 cm)</td>
<td>3’5” (1 m)</td>
<td>7/8” (2.2 cm)</td>
<td>1 1/8” (2.9 cm)</td>
<td>4.2 lbs (1.9 kg)</td>
</tr>
<tr>
<td>Grand Stand</td>
<td>GS</td>
<td>10.5’ (3.1 m)</td>
<td>43” (1.1 m)</td>
<td>4’5” (1.35 m)</td>
<td>1” (2.54 cm)</td>
<td>1 3/8” (3.51 cm)</td>
<td>6.75 lbs (3 kg)</td>
</tr>
<tr>
<td>Full Pole</td>
<td>KP</td>
<td>6’6” (2 m)</td>
<td>34” (89 cm)</td>
<td></td>
<td>7/8” (2.2 cm)</td>
<td>1 1/8” (2.9 cm)</td>
<td>1.75 lbs (.8 kg)</td>
</tr>
<tr>
<td>Half Pole</td>
<td>KPH</td>
<td>3’ (91 cm)</td>
<td>18” (46 cm)</td>
<td></td>
<td>7/8” (2.2 cm)</td>
<td>1 1/8” (2.9 cm)</td>
<td>1.1 lbs (.5 kg)</td>
</tr>
</tbody>
</table>
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 eX 44 & other small lights. Sturdier than Uni-stand, ideal for use with Tota/Omni in GO Cases. Stud has 1/4-20 female thread.

Tota & Omni lights, Rifa eX 44 & small flags. Sturdy & lightweight, an industry standard.

Tota/Omni, DP Light, Rifa eX 55 & 66, Caselite, Scandles. 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.

Tota/Omni, DP Light, Rifa eX 55 & 66, Caselite, Scandles, Prime LED 200. Smaller closed than KS (for more compact packing).


DP Light, Rifa eX 88, Prime LED 200 & 400. Basic Boom. Medium sized stand. Same as above but with air-cushioned riser sections, black castings & knobs.

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.

Extend KS, Grand Stand. Forms; boom, background support, rigs. Updated with extra section & additional length for added security when used at original length.

Same as Full Pole.

Learn more about how Stands work, visit Lowel EDU at www.lowel.com
**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.

**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.

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 Bar**

- **Code:** SC-15
- **Size:** 27.25” (69.2 cm) long
- **Weight:** 8 oz (227 g)

**Clamping Arm (1)**

- **Code:** SC-35
- **Weight:** 8 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 Flexors. 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 doorposts. 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**

**Lobo**

- **Code:** F1-30
- **Weight:** 10 oz (284 g)
- Positions Maxa-mount, Lobo Arm, 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.

**Maxa-mount**

- **Code:** CM-10
- **Weight:** 4 oz (113 g)

**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 boosts small lights, reflectors, etc.

**Lobo Arm & Lobo**

- **Code:** F1-41
- **Weight:** 13 oz (370 g)

**Safety Cable (3)**

- **Code:** CM-50
- **Size:** 24” (61.4 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).

Learn how to use Clamps & Mounts, visit Lowel EDU at www.lowel.com

**Mounts**
Clamps & 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 Lowell 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 & Small Spring Clamp**

**Code:** ML-16  
**Weight:** 9.5 oz (269 g)

**Missing Link & 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 Reflectors.

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Booms & 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 EX, Caselite & LowelScandies. 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.

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**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)

**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)
### Multi-system Hard Cases w/ Movable Partitions

The 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.

#### 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, rigid length-wise partition, velcro partitions, and padded shoulder strap (SS-10).
- Holds 4 Omni-lights or 4 Tota-lights, or combinations which can also include Rifa eX 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”)

#### GO 85X Case
- **Code:** GO-85X
- Same case as GO-85 except without rigid length-wise partition, for special purpose kit use.
- Supplied with same partitions as GO-85, plus 1 LB-10 velcro length-wise partition.
- See eXchange Accessories (p. 67) for further options.

#### 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 rigid length-wise partition, velcro partitions, & padded shoulder strap (SS-10).
- Compact case more efficiently stores Tota/Omni-lights, Omni stands and accessories.
- Rigid length-wise partition separates lights from stands.
- All others are movable velcro 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 or KS Jr. stands, with room for accessories (one possible arrangement shown).

#### Tota/Omni 83X Case
- **Code:** TO-83X
- Same case as TO-83 except without rigid length-wise partition, for special purpose kit use.
- Supplied with same partitions as TO-83, plus 1 LB-10 velcro length-wise partition.
- See eXchange Accessories (p. 67) for further 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. Note: MCSEM Case on pg 53 also uses velcro partitions.
**Multi-system Hard Cases w/ Movable Partitions**

<table>
<thead>
<tr>
<th>Tota/Omni 84 Case</th>
<th>Omni 86 Case</th>
<th>Tota/Omni 84 Case</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Code:</strong> TO-84Z</td>
<td><strong>Code:</strong> O1-86Z</td>
<td><strong>Code:</strong> TO-84Z</td>
</tr>
<tr>
<td><strong>Size:</strong> 29.5 x 17 x 7” (74.9 x 43.2 x 17.8 cm)</td>
<td><strong>Size:</strong> 29.5 x 17 x 9.75” (74.9 x 43.4 x 24.8 cm)</td>
<td><strong>Size:</strong> 29.5 x 17 x 7” (74.9 x 43.2 x 17.8 cm)</td>
</tr>
<tr>
<td><strong>Weight:</strong> 15 lbs (6.8 kg)</td>
<td><strong>Weight:</strong> 17.5 lbs (8 kg)</td>
<td><strong>Weight:</strong> 15 lbs (6.8 kg)</td>
</tr>
</tbody>
</table>

- 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:
  1. GO-02 (7.75 x 4”)
  2. GO-03 (4.5 x 4”)
  3. GO-04 (3 x 4”)
  4. TO-01 (29.25 x 4”)

- Velcro loop material flaps to lock to loop material on case inside walls.

**Movable Velcro Partitions for Lowel Hard Cases**

<table>
<thead>
<tr>
<th>Codes</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>GO-01</td>
<td>6 x 4.5”</td>
</tr>
<tr>
<td>GO-02</td>
<td>7.75 x 4”</td>
</tr>
<tr>
<td>GO-03</td>
<td>4.5 x 4”</td>
</tr>
<tr>
<td>GO-04</td>
<td>3 x 4”</td>
</tr>
<tr>
<td>GO-05</td>
<td>22.75 x 4”</td>
</tr>
<tr>
<td>LB-04</td>
<td>19.25 x 4”</td>
</tr>
<tr>
<td>LB-05</td>
<td>22 x 4.5”</td>
</tr>
<tr>
<td>LB-06</td>
<td>7.5 x 4.5”</td>
</tr>
<tr>
<td>LB-07</td>
<td>11.5 x 3.5”</td>
</tr>
<tr>
<td>LB-10</td>
<td>13 x 3.5”</td>
</tr>
<tr>
<td>TO-01</td>
<td>29.25 x 4”</td>
</tr>
<tr>
<td>MC-01</td>
<td>10.25 x 4”</td>
</tr>
</tbody>
</table>

- All have velcro hook material flaps to lock to loop material on case inside walls.

**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).
- Separate lid and adjustable strips allow height variation (7.5" max.).
- Holds 2 V-lights or Rifa eX 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-05, 2 LB-06.

**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 eX 44, 55 & 66s.
- High impact, molded polyethylene case.
- Padded shoulder strap (SS-10).

**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 eX 88 & smaller.
- High impact, molded polyethylene case.
- Padded shoulder strap (SS-10).

**ViP Shoulder Case (VIP-86)**

- Separate lid and adjustable straps allow height variation (7.5" max.).
- Holds 2 Rifas or 1 Rifa & 1 stand (Uni, TO, Omni, or KS Jr.), plus some 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)
- High impact molded polyethylene case, hinged lid. Velo walls and (3) MC-01 partitions

Rifa Multi Case
Code: MCSER
Same as MCSEM but with lengthwise partition to hold 4 Rifas and 4 stands (KS or smaller).
- Holds 4 DPs,
- 4 KS Stands.
- Recessed wheels & spring loaded handle.

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)
- High impact molded polyethylene case, hinged lid.
- Holds 3 Fren-L 65bs or 3 DPs, 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

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.

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.

TRIO 3 Case
Code: TRF-86
Size: 29.5 x 17 x 9.75" (75.2 x 45.1 x 24.8 cm)
Weight: 18 lbs (8.2 kg)
- High impact molded polyethylene case, with hinged lid, recessed wheels & handle.
- Holds 3 TRIO’s (FLT-300), plus 3 Uni Sr. Stands (UN-66), and 3 Tilt-brackets (CF-36)
**Soft Cases**

Lowel Litebags™

Our 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. We also have new Lowel Blender Single & Duo Carry Bags. They’re all a cost effective solution, if you’re traveling light.

<table>
<thead>
<tr>
<th>Slim Litebag</th>
<th>Small Litebag Soft Case</th>
<th>Large Litebag Soft Case</th>
<th>Blender Single Carry Bag</th>
<th>Blender Duo Carry Bag</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Code:</strong> LB-24</td>
<td><strong>Code:</strong> LB-30</td>
<td><strong>Code:</strong> LB-35</td>
<td><strong>Code:</strong> LB-14</td>
<td><strong>Code:</strong> LB-15</td>
</tr>
<tr>
<td><strong>Size:</strong> 23 x 9 x 6” (58 x 23 x 15 cm)</td>
<td><strong>Size:</strong> 23 x 10.5 x 6.75” (58.4 x 26.7 x 17.2 cm)</td>
<td><strong>Size:</strong> 30.5 x 11.5 x 8.5” (77.5 x 29.2 x 21.6 cm)</td>
<td><strong>Size:</strong> 12 x 8 x 6” (30 x 20 x 15 cm)</td>
<td><strong>Size:</strong> 15 x 8 x 6” (38 x 20 x 15 cm)</td>
</tr>
<tr>
<td><strong>Weight:</strong> 3.5 lbs (1.6 kg)</td>
<td><strong>Weight:</strong> 4.25 lbs (1.9 kg)</td>
<td><strong>Weight:</strong> 5.7 lbs (2.6 kg)</td>
<td><strong>Weight:</strong> 1 lb (.45 kg)</td>
<td><strong>Weight:</strong> 1.5 lbs (.7 kg)</td>
</tr>
<tr>
<td>• New Litebag, more compact than Lowel Small Litebag (LB-30).</td>
<td>• Made of polyester with vinyl coated backing.</td>
<td>• Made of polyester with vinyl coated backing.</td>
<td>• Made of polyester with vinyl coated backing.</td>
<td>• Made of polyester with vinyl coated backing.</td>
</tr>
<tr>
<td>• Made of polyester with vinyl coated backing.</td>
<td>• Padded shoulder strap (SS-10).</td>
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<td>• Padded shoulder strap (SS-10).</td>
</tr>
<tr>
<td>• Padded shoulder strap (SS-10).</td>
<td>• Accepts Rifa eX 4, 2 Pro-lights &amp; 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.</td>
<td>• Accepts Rifa eX 44 or 55, 2 Totas, 2 Omnis (or 4 Omnis), 4 Omni-stands &amp; accessories or 3 DPs &amp; 3 KS Jr. stands.</td>
<td>• Accepts Rifa eX 4 or 55, 2 Totas, 2 Omnis (or 4 Omnis), 4 Omni-stands &amp; accessories or 3 DPs &amp; 3 KS Jr. stands.</td>
<td>• Accepts Rifa eX 4 or 55, 2 Totas, 2 Omnis (or 4 Omnis), 4 Omni-stands &amp; accessories or 3 DPs &amp; 3 KS Jr. stands.</td>
</tr>
<tr>
<td>• Used for Lowel Blender 1 Light Kit, also holds other small lights, and 2 Uni-stands.</td>
<td>• See Rifa eX Kits &amp; Accessories (pp. 62-67) for options in carrying eXchange System lampheads &amp; lamps.</td>
<td>• See Rifa eX Kits &amp; Accessories (pp. 62-67) for options in carrying eXchange System lampheads &amp; lamps.</td>
<td>• See Rifa eX Kits &amp; Accessories (pp. 62-67) for options in carrying eXchange System lampheads &amp; lamps.</td>
<td>• See Rifa eX Kits &amp; Accessories (pp. 62-67) for options in carrying eXchange System lampheads &amp; lamps.</td>
</tr>
<tr>
<td>• Supplied partitions: 2 LB-05, 3 GO-03 1 GO-04, 2 GO-02 1 LB-07, 4 LB-06 1 LB-10</td>
<td>• Supplied partitions: 2 LB-05, 3 GO-03 1 GO-04, 2 GO-02 1 LB-07, 4 LB-06 1 LB-10</td>
<td>• Supplied partitions: 2 LB-08, 3 GO-03 1 GO-04, 2 GO-02 2 LB-07, 3 LB-09 1 LB-10</td>
<td>• Supplied partitions: 2 LB-05, 3 GO-03 1 GO-04, 2 GO-02 1 LB-07, 4 LB-06 1 LB-10</td>
<td>• Supplied partitions: 2 LB-05, 3 GO-03 1 GO-04, 2 GO-02 1 LB-07, 4 LB-06 1 LB-10</td>
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<tr>
<td>• Storage pocket in lid.</td>
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</table>

**Slim Litebag**

**Code:** LB-24

**Size:** 23 x 9 x 6” (58 x 23 x 15 cm)

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

- New Litebag, more compact than Lowel Small Litebag (LB-30).
- Made of polyester with vinyl coated backing.
- Padded shoulder strap (SS-10).
- Used for Lowel Blender 1 Light Kit, also holds other small lights, and 2 Uni-stands.
- Supplied partitions: 2 LB-05, 3 GO-03 1 GO-04, 2 GO-02 1 LB-07, 4 LB-06 1 LB-10
- Storage pocket in lid.

**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 eX 4, 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.
- See Rifa eX Kits & Accessories (pp. 62-67) for options in carrying eXchange System lampheads & lamps.
- Supplied partitions: 2 LB-05, 3 GO-03 1 GO-04, 2 GO-02 1 LB-07, 4 LB-06 1 LB-10
- 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 eX 44 or 55, 2 Totas, 2 Omnis (or 4 Omnis), 4 Omni-stands & accessories or 3 DPs & 3 KS Jr. stands.
- See eXchange Accessory Packs (p. 67) for options in carrying eXchange System lampheads & lamps.
- Supplied partitions: 2 LB-08, 3 GO-03 1 GO-04, 2 GO-02 2 LB-07, 3 LB-09 1 LB-10
- Storage pocket in lid.

**Blender Single Carry Bag**

**Code:** LB-14

**Size:** 12 x 8 x 6” (30 x 20 x 15 cm)

**Weight:** 1 lb (.45 kg)

- Compact bag, with cover flap, full length zipper, velcro partitions, and adjustable shoulder strap.
- Made of nylon.
- Holds 1 Lowel Blender plus AC adapter & accessories.

**Blender Duo Carry Bag**

**Code:** LB-15

**Size:** 15 x 8 x 6” (38 x 20 x 15 cm)

**Weight:** 1.5 lbs (.7 kg)

- Compact bag, with cover flap, full length zipper, velcro partitions, and adjustable shoulder strap.
- Made of nylon.
- Holds 2 Lowel Blenders plus AC adapters & accessories.

**Codes:**

- GO-01 6 x 4.5”
- 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”
- LB-10 13 x 3.5”

**Strap**

**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.
### 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:** 13.5 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.

### Lampaks & Gel Files

#### Rifa eX 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 (eX 44 or 55) or 1 Rifa & 1 Uni, Uni TO, or Uni Sr. Stand.
  - Inside storage pockets.
  - See Rifa eX Kits & Accessories (pp. 62-67) for options in carrying eXchange System lampheads & lamps.

**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 (eX 88 or smaller) & 2 KS stands.
  - Inside storage pockets.
  - See Rifa eX Kits & Accessories (pp. 62-67) for options in carrying eXchange System lampheads & lamps.

#### Lampaks

**ViP Lampak**
- **Code:** ViP-61
  - Stores several Pro, i and V lamps in foam filled plastic case (lamps not included).

**Tota Lampak**
- **Code:** T1-61
  - Stores 5 Tota 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).

**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).

#### Compact Fluorescent Lamp Cases

**27w Lamptube**
- **Code:** FLO-X61
  - **Size:** 13 x 3.5" (33 x 9 cm)
  - **Weight:** 4 lbs (2 kg)
    - High impact plastic tube with end caps and foam inner cushion.
    - Holds (2) 27w screw-threaded fluorescent lamps. Lamps not included.

**80w Lamptube**
- **Code:** FLO-X63
  - **Size:** 13 x 3.5" (33 x 9 cm)
  - **Weight:** 4 lbs (2 kg)
    - High impact plastic tube with end caps and foam inner cushion.
    - Holds (1) 80w screw-threaded fluorescent lamp for eXchange System lampheads. Lamps not included.

**Caselite Lampak**
- **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).
    - Holds up to 6 T-55 fluorescent lamps.

### Cases

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.
Kits, an Introduction

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.
Our Most Popular Kits...

**Lowel Kits**

**Our Top Sellers are Perfect for HD Lighting on Location**

1. **Lowel DV Creator Kits**
   - Easily our most popular kits, these 3 kits combine lights from different systems to give you a versatile set of lighting options.

2. **Rifa eXchange Kits**
   - Rifa’s quick setup, beautiful output, & eXchange System accessory options make these kits among our strongest sellers.

3. **Basically 3 & Elemental Kits**
   - Longtime Lowel favorites, Totas & Omnis in 3 light combinations with light control accessories.

4. **T/O GO 97 & T/O GO 98 Kits**
   - For lighter travel, Totas & Omnis in 3 light combinations with more compact cases, with smaller folding sturdy stands.

5. **Super Ambi & Ambi Kits**
   - Super Ambi is our most elaborate combo of Totas & Omnis, with added Pro & Rifa eX, plus a generous selection of accessories, in a relatively compact case. The original Ambi is a longtime popular classic in its own right (pg 71).

6. **DV Core Kits**
   - DV Core 44 & 55, 2 popular lower wattage kits combining Pro & V-lights, with the addition of a quick setup Rifa eX for beautiful soft light.

7. **DV Pro Kits**
   - DV Pro 44 & 55 Kits are more elaborate lower wattage kits featuring Pro & V lights with Rifa eX and a wider selection of accessories in a larger case.

8. **Caselite Kits**
   - Caselite fluorescent kits have a loyal following of their own, with soft daylight or tungsten output from a light that’s also its own stand carrying case!
Lowel Blender™ Kits & Packs

Run & gun lighting, with the ability to change color to suit the ambient light of the location.

The Lowel Blender 1 Light Kit combines Blender with its AC Adaptor, your choice of camcorder Battery Sled (batteries not included), and a Uni-stand, all in the Slim Litebag. Attach the Battery Sled to the Uni-stand using its velcro strap, and position the light where you want it, without extension cords & AC outlets, or simply plug it into the wall.

The Lowel Blender AC/DC packs carry 1 or 2 Blenders with AC Adaptors, your choice of camcorder Battery Sleds, and a Handle & Stud, in a Blender Carry Bag. Clip a Battery Sled to your belt, and mount Blender on the Handle & Stud for handheld lighting.

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**Lowel Blender 1 Light Kit**

Code: BLN-9145LB

Size: 23 x 9 x 6" (58 x 23 x 15 cm)

Weight: 9 lbs (3.6 kg)

Contains:

- 1 Lowel Blender complete (BLN-10)
- 1 Panasonic Camcorder Battery Sled (BSLD-11)
- 1 Handle & Stud (VIP-431)
- 1 Slim Litebag (LB-24)

**Same as above with:**

- Sony Battery Sleds
  - Code: BLN-9146LB
- Canon Battery Sleds
  - Code: BLN-9147LB

(batteries not included)

---

**Lowel Blender AC/DC Pack**

Code: BLN-911LB

Size: 12 x 8 x 6" (30 x 20 x 15 cm)

Weight: 7.5 lbs (3.4 kg)

Contains:

- 1 Lowel Blender complete (BLN-10)
- 1 Panasonic camcorder Battery Sled (BSLD-11)
- 1 Handle & Stud (VIP-431)
- 1 Blender Single Carry Bag (LB-14)

**Same as above with:**

- Sony Battery Sleds
  - Code: BLN-912LB
- Canon Battery Sleds
  - Code: BLN-913LB

(batteries not included)

---

**Lowel Blender Duo AC/DC Pack**

Code: BLN-921LB

Size: 15 x 8 x 6" (38 x 20 x 15 cm)

Weight: 8.5 lbs (3.8 kg)

Contains:

- 2 Lowel Blenders complete (BLN-10)
- 2 Panasonic camcorder Battery Sleds (BSLD-11)
- 2 Handle & Stud (VIP-431)
- 1 Blender Duo Carry Bag (LB-15)

**Same as above with:**

- Sony Battery Sleds
  - Code: BLN-922LB
- Canon Battery Sleds
  - Code: BLN-923LB

(batteries not included)
New Lowel Kits

Kits

Bring bright & efficient, color accurate, daylight fluorescent to most conventional softboxes with the SoftCore FLO-X3 Kit. It uses three Lowel High CRI 80w lamps, with a FLO-X3 lamphead, individually switched for easy brightness control.

SoftCore™ Kit

SoftCore FLO-X3 Kit
Code: SX-903LB
Size: (trapezoid shape)
36.25 x 8 x 8.25”
(92 x 21 x 21.6 cm)
Weight: 11.5 lbs (5.2 kg)

Contains...
1 Lowel SoftCore with FLO-X3 lamphead
(SX-103)
3 80w Daylight Fluorescent Lamps
(E1-80)
3 80w Lamptubes
(FLO-X63)
1 Large Rifa Litebag
(LB-40)

Note: This Kit does not come with a softbox or stand. KS-Jr (DT-33) is the recommended stand.

Lowel TRIO™ Kits

Take your studio on the road with a one or three light Lowel TRIO Kit. With reversible Barndoor / Intensifiers to trim or increase the output, Tilt-brackets for well balanced tilting range, and your choice of daylight or tungsten color high CRI fluorescent lamps, the slim-profile TRIO’s get the job done.

TRIO 3 Light Kit
Tungsten Kit
Code: FLT-903TU
Daylight Kit
Code: FLT-903DA

Contains:
3 Lowel TRIO lights
(FLT-300) with either daylight or tungsten balanced GE Cinema-Plus fluorescent lamps
3 Uni Sr. Stands (UN-66)
1 TRIO 3 Case (TRF-86)

TRIO 1 Light Kit
Tungsten Kit
Code: FLT-901TU
Daylight Kit
Code: FLT-901DA

Contains:
1 Lowel TRIO light
(FLT-300) with either daylight or tungsten balanced GE Cinema-Plus fluorescent lamps
1 Uni Sr. Stand (UN-66),
1 TO-83X Case (TO-83X)

Note:
See Page 67 for eXchange System Accessory Packs & Special Cases that can combine with SoftCore to create a versatile range of lighting options, beyond the conventional Kit.

Use our color accurate high CRI 27 or 80w fluorescent lamps in single, three or five socket lampheads with individual switches for output control.

SoftCore™ FLO-X3 Kit

Code: SX-903LB
Size: (trapezoid shape)
36.25 x 8 x 8.25”
(92 x 21 x 21.6 cm)
Weight: 11.5 lbs (5.2 kg)

Contains:
1 Lowel SoftCore
with FLO-X3 lamphead
(SX-103)
3 80w Daylight Fluorescent Lamps
(E1-80)
3 80w Lamptubes
(FLO-X63)
1 Large Rifa Litebag
(LB-40)

Note: This Kit does not come with a softbox or stand. KS-Jr (DT-33) is the recommended stand.
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.

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 TO-83 Case
Code: DV-9013Z
Weight: 29.5 lbs (13.4 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 200w, 120v lamp (FVL)
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-flags (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)

With TO-84Z Case
Code: DV-9024Z
Weight: 42 lbs (19 kg)

With LB-35 Soft Case
Code: DV-902LBZ
Weight: 29.5 lbs (13.4 kg)

Contains:
1 Rifa ex 44 (LC-44EX)
1 200w, 120v lamp (FVL)
1 Pro-light (P2-10)
1 Pro-light 4-way Barndoors (IP-20)
1 200w, 120v lamp (FVL)
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 Flexi-shaft Pak (2) (T1-50)
1 Tota-flags (T1-52)
1 Tota-brella (T1-25)
1 T/O Lampak (TO-61)
1 GO-85 Case
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-35 Soft Case**
- **Code:** DV-903L8Z
- **Weight:** 33 lbs (14.8 kg)

**Contains:**
1. Rifa eX 55 (LC-55EX)
2. 500w, 120v lamp (EHCI)
3. Pro-light (P2-10)
4. Pro-light 4-way Barndoors (iP-20)
5. 200w, 120v lamp (FVL)
6. Omni-light (01-10)
7. Omni-light 4-way Barndoors (01-20)
8. 500w, 120v lamp (FTK)
9. Tota-light (T1-10)
10. 750w, 120v lamp (EMD)
11. Uni TO Stands (UN-55)
12. KS Jr. Stand (DT-33)
13. Tota-frame (T1-20)
14. Assorted Gels (T1-78)
15. Pro & i Gel Frame (IP40)
16. IP Assorted Gels (IP-78)
17. Flexi-shaft pkg (T1-50)
18. Tota-flag (T1-52)
19. Tota-brella (T1-25)
20. T/O Lampak (TO-61)
21. DP/Tota Lampak (DT-61)
22. 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:**
1. Omni-Full Scrim (01-54)
2. Omni Half Scrim (01-55)
3. Tota-brellas (T1-25)
4. Tota-frames (T1-20)
5. Assorted Gels (T1-78)
6. Pro & i Gel Frame (IP-40)
7. Pro & i Gels (IP-78)
8. VIP lampak (VIP-61)
9. Tota-flag (T1-52)
10. Tota-lector (T1-54)
11. Pkgs Flexi-shafts (2) (T1-50)
12. Lobo Arm & Lobo (F1-41)
13. Tota-tatch (T1-34)
14. Tota-mount (T1-32)
15. Tota-clamp (T1-30)
16. 12-yard roll Gaffer-tape (GT-12)
17. Tota/Omni Lampak (TO-61)
18. DP/Tota Lampak (DT-61)
19. 01-86Z Case

Learn to light interviews with this Kit at Lowel EDU Lighting Resource Center. www.lowel.com
With one minute setup and beautiful results, it’s easy to see why Rifa Kits are so popular. The expanded abilities of the Rifa eXchange System bring more creative lighting options to the location with you.

With accessory lamp-heads, Rifa eX’s can easily convert to use daylight fluorescent, and lower wattage AC & DC tungsten-halogen lamps.

See the Rifa eX System (pp 21-27) for the lower wattage tungsten-halogen TH-X300 Accessory Pack. It can be dropped into any Rifa eX 55, 66 or 88 Kit.

However, not all Rifa Kit cases can hold eXchange lampheads & fluorescent lamps. As a result, most Rifa Kits also have larger case options that allow you to add the 27w eXchange Accessory Pack, containing lamphead and Lamptubes with lamps.

Rifa eXtra/Flo 80 Kits combine Rifa eX, with a FLO-X3 lamphead, 3 80w daylight color accurate fluorescent lamps, as well as a TH-X300 tungsten-halogen lamphead & lamp.

There is a selection eXchange Accessory Packs, which can be carried separately or in the custom GO-85X or TO-83X Cases. See pg 67 for all eX Accessory Pack & Case options.

Want to build a Rifa eX Kit from an original Rifa 44? User & Lowell Repair Dept retrofit kits will convert your 44 to a 44 eX. See pg. 26 for more info. Then, just add the appropriate case and Accessory Pack.

Choosing a Rifa 44 eX Kit

- The Rifa eX 44 kit is the basic tungsten-halogen version, with light, Uni TO Stand, lamp & lampak, and case.

- The Rifa eX Pro 44 Kit adds a 200w focusable Pro-light for a quick & easy interview kit.

Adding Fluorescent to the Above Kits:
Both above have optional cases with room for adding a FLO-X3 27w Accessory Pack to quickly convert & use (3) 27w fluorescent lamps in the Rifa eX. See pg 67 for all eX Accessory Pack & Case options.

- The Rifa eXtra/Flo Kit comes in the GO-85 Case with a FLO-X3 lamphead, (4) 27w fluorescent lamps, & lamptubes inside for the most versatility in a 44 eX kit. Go tungsten-halogen or convert for fluorescent use.

- Want to build a Rifa eX Kit from an original Rifa 44? User & Lowell Repair Dept retrofit kits will convert your 44 to a 44 eX. See pg. 26 for more info. Then, just add the appropriate case and Accessory Pack.

The Rifa eX 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)

With LB-45 Small Rifa Litebag Soft Case  
**Code:** LC-94LBZ  
**Weight:** 9 lbs (3.9 kg)

Contains:
- 1 Rifa eX 44 (LC-44EX)
- 1 200w, 120v lamp (FVL)
- 1 Uni TO Stand (UN-55)
- 1 VIP Lampak (VIP-61)
- 1 V Shoulder Case (V-85)

**Rifa eX 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)

With TO-83 Hard Case  
**Code:** LCP-9443  
**Weight:** 23 lbs (10.5 kg)

**Room inside to add FLO-X3 27w Accessory Pak**

Contains:
- 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)

**Rifa 44 eXtra/Flo Kit**

**Code:** LC-94XDZ  
**Size:** 23.75 x 13.5 x 7” (60.3 x 34.3 x 17.8 cm)  
**Weight:** 19.5 lbs (8.9 kg)

With LB-30 Small Litebag  
**Code:** LC-94XDBZ  
**Weight:** 13.5 lbs (6.1 kg)

Contains:
- 1 Rifa eX 44 (LC-44EX)
- 1 FLO-X3 lamphead
- 1 200w, 120v lamp (FVL)
- 4 27w, 120v Daylight Fluo lamps (EL-27)
- 1 Uni TO Stand (UN-55)
- 1 VIP Lampak (VIP-61)
- 2 Small eX Flu Lamptubes (FLO-X61)
- 1 GO-85 Case

You can retrofit an original Rifa, and upgrade it to an eX model. Then add a larger case and an Accessory Pack to build your own Rifa eXchange Kit.
Rifa eX 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 eX 55 (LC-55EX)
1 500w, 120v lamp (EH-5)
1 KS Jr. Stand (DT-33)
1 Large Litebag
1 Soft Case
1 FP Lampak (D2-61)

Rifa eX 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 eX 55 (LC-55EX)
1 500w, 120v lamp (EH-5)
1 KS Jr. Stand (DT-33)
1 Large Litebag
1 Soft Case
1 FP Lampak (D2-61)

Rifa 55 eXtra/Flo 80 Kit

Code: LC-95X80DZ
Size: 29.5 x 17.6 x 7” (74.9 x 43.2 x 17.8 cm)
Weight: 30 lbs (13.6 kg)

Contains:
1 Rifa eX 55 (LC-55EX)
1 FLO-X3 Lamphead
1 TH-X300 Lamphead
1 500w, 120v lamp (EH-5)
1 80w, 120v Daylight
1 Fluo lamps (E1-80)
1 200w, 120v lamp (FVL)
1 KS Jr. Stand (DT-33)
1 Large Litebag
1 Soft Case
1 FP Lampak (D2-61)

Choosing a Rifa 55 eX Kit

- The Rifa eX 55 kit is the basic tungsten-halogen version, with light, KS Jr. Stand, lamp & lampak, and case. There’s also room for a lower wattage TH-X300 tungsten-halogen Accessory Pack (see pg 23).

- The Rifa eX Pro 55 Kit adds a 200w focusable Pro-light for a quick & easy interview kit.

Adding Fluorescent to the Above Kits:
Both kits above have optional cases with room for adding a FLO-X3 27w Accessory Pak, to quickly convert & use (3) 27w fluorescent lamps in the Rifa eX. See pg 67 for all eX Accessory Pack & Case options, including higher wattage 80w Packs.

- The Rifa 55 eXtra/Flo 80 Kit comes in the TO-84Z Case with a FLO-X3 lamphead, (3) 80w fluorescent lamps & lampstubes, TH-X300 lamphead, 200w lamp & lampak added for most versatility in a 55 eX kit. Light with a range of tungsten-halogen or fluorescent lamps.

Want to build a Rifa eX 55 Kit from an original Rifa 55?
User & Lowell Repair Dept retrofit kits will convert your 55 to a 55 eX. See pg. 26 for more info. Then, just add the appropriate case and Accessory Pack.
Rifa eX Kits

Rifa eX 66 Kit

The original Rifa eX 66 kit is the basic tungsten-halogen version, with light, KS Jr. Stand, lamp & lampak, and case. There's also room for a lower wattage TH-X300 tungsten-halogen Accessory Pack (see pg. 24).

Rifa eX Pro 66 Kit

The Rifa eX Pro 66 Kit adds a 200w focusable Pro-light for a quick & easy interview kit.

Adding Fluorescent to the Above Kits:

Both kits have optional cases with room for adding a FLO-X3 27w fluorescent lamp in the Rifa eX. See pg 67 for all eX Accessory Pack & Case options, including higher wattage 80w Packs.

Rifa 66 eXtra/Flo 80 Kit

Want to build a Rifa eX 66 Kit from an original Rifa 66? User & Lowel Repair Dept retrofit kits will convert your 66 to a 66 eX. See pg. 26 for more info. Then, just add the appropriate case and Accessory Pack.

Rifa eX 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)

With LB-40 Large Rifa Litebag Soft Case
Code: LC-96LBZ
Weight: 13 lbs (5.9 kg)

Contains:
1 Rifa eX 66 (LC-66EX)
1 750w, 120v lamp (EHF)
1 KS Jr. Stand (DT-33)
1 DP Lampak (D2-61)
1 Rifa Large Tube Case (R1-83)

Rifa eX 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)

With LB-40 Large Rifa Litebag Soft Case
Code: LCP-966LB
Weight: 19 lbs (8.6 kg)
Room inside to add FLO-X3 27w & TH-X300 Accessory Packs

Rifa eX 66 Pro Kit

Code: LCP-9663
Hard Case
Code: LC-9663Z
Weight: 21.5 lbs (10 kg)
Room inside to add FLO-X3 27w & TH-X300 Accessory Packs

Rifa eX 66 Xtra/Flo 80 Kit

Code: LC-96X80DZ
Size: 29.5 x 17.6 x 7” (74.9 x 43.2 x 17.8 cm)
Weight: 31.5 lbs (14.3 kg)

With LB-35 Large Litebag Soft Case
Code: LC-96X80DLBZ
Weight: 22 lbs (10 kg)

Contains:
1 Rifa eX 66 (LC-66EX)
1 TH-X300 Lamphead
1 750w, 120v lamp (EHF)
1 200w, 120v lamp (FVL)

Rifa eX 66 Pro Kit

With TO-83

Hard Case
Code: LCP-966
Weight: 27.5 lbs (12.5 kg)
Room inside to add FLO-X3 & TH-X300 Accessory Packs

Contains:
1 Rifa eX 66 (LC-66EX)
1 750w, 120v lamp (EHF)
1 Pro-light (P2-10)
1 200w, 120v lamp (FVL)

Rifa 66 eXtra/Flo 80 Kit

Code: LC-96X80DZ
Size: 29.5 x 17.6 x 7” (74.9 x 43.2 x 17.8 cm)
Weight: 31.5 lbs (14.3 kg)

With LB-35 Large Litebag Soft Case
Code: LC-96X80DLBZ
Weight: 22 lbs (10 kg)

Contains:
1 Rifa eX 66 (LC-66EX)
1 TH-X300 Lamphead
1 750w, 120v lamp (EHF)
1 200w, 120v lamp (FVL)

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)

Choosing a Rifa 66 eX Kit

- The original Rifa eX 66 kit is the basic tungsten-halogen version, with light, KS Jr. Stand, lamp & lampak, and case. There’s also room for a lower wattage TH-X300 tungsten-halogen Accessory Pack (see pg. 24).
- The Rifa eX Pro 66 Kit adds a 200w focusable Pro-light for a quick & easy interview kit.

Want to build a Rifa eX 66 Kit from an original Rifa 66? User & Lowel Repair Dept retrofit kits will convert your 66 to a 66 eX. See pg. 26 for more info. Then, just add the appropriate case and Accessory Pack.
Rifa eX Kit

Rifa eX 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 eX 88 (LC-88EX)
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)

Room inside to add FLO-X3 27w & TH-X300 Accessory Packs

Choosing a Rifa eX Kit

- The original Rifa eX 88 kit is the basic tungsten-halogen version, with light, KS Stand, lamp & lampak, and case. There’s also room for a lower wattage TH-X300 tungsten-halogen Accessory Pack (see pg. 25).

- The Rifa eX Pro 88 Kit adds a 200w focusable Pro-light for a quick & easy interview kit.

Adding Fluorescent to the Above Kits:
Both kits have an optional MCSER Case with room for adding 3 lamp FLO-X3 Accessory Packs in 27 or 80w strengths. Accessory Packs quickly convert & use fluorescent in the Rifa eX. See pg. 67.

- The Rifa 88 eXtra/Flo 80 Kit comes in the R1-83 Case with a FLO-X3 lamphead, (3) 80w fluorescent lamps, & lampubes, TH-X300 lamphead, 200w lamp & lampak added inside for most versatility in an 88 eX Kit. Light with a range of tungsten-halogen lamps or convert for fluorescent use. Its MCSER case option has room for more spacious packing and can accommodate the larger 80w fluorescent lamps in lamptubes. See pg. 27 for lamp performance info.

- Want to build a Rifa eX 88 Kit from an original Rifa 88? User & Lowell Repair Dept retrofit kits will convert your 88 to an 88 eX. See pg. 26 for more info. Then, just add a case and your choice of Accessory Packs.

Rifa eX 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 (11 kg)

Contains:
1 Rifa eX 88 (LC-88EX)
1 1000w, 120v lamp (FEL)
1 Pro-light 4-way Barndoor (P-20)
1 Pro & Gel Frame (P-40)
1 KS Stand (KS)
1 Uni-stand (UN-33)
1 Pro & Gel Sets (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)

Rifa eXtra/Flo 80 Kit

- Code: LC-98X80DZ
- Size: 37.75 x 8.5 x 6.5" (95.9 x 21.6 x 16.5 cm)
- Weight: 24 lbs (11 kg)

With LB-40 Large Rifa Litebag Soft Case
- Code: LC-98X80DLBZ
- Weight: 14 lbs (6.4 kg)

Extra room inside kit to hold 80w fluorescent lamps in lamptubes

Rifa 88 eXtra/Flo 80 Kit

- Code: LC-98X80DZ
- Size: 37.75 x 8.5 x 6.5" (95.9 x 21.6 x 16.5 cm)
- Weight: 24.5 lbs (11.1 kg)

Contains:
1 Rifa eX 88 (LC-88EX)
1 1000w, 120v lamp (FEL)
1 300w, 120v Daylight Fluocarm lamp (E1-80)
1 200w, 120v lamp (FVL)
1 KS Stand (KS)
1 80w Lamptubes (FLO-X63)
1 DP Lampak (D2-61)
1 VIP Lampak (ViP-61)
1 Rifa Large Tube Case (R1-83)

Rifa 88 eXtra/Flo 80 Kit

- Code: LC-98X80DZ
- Size: 37.75 x 8.5 x 6.5" (95.9 x 21.6 x 16.5 cm)
- Weight: 24.5 lbs (11.1 kg)

Contains:
1 Rifa eX 88 (LC-88EX)
1 FLO-X3 Lamphead
1 TH-X300 Lamphead
1 1000w, 120v lamp (FEL)
1 300w, 120v Daylight Fluocarm lamp (E1-80)
1 200w, 120v lamp (FVL)
1 KS Stand (KS)
1 80w Lamptubes (FLO-X63)
1 DP Lampak (D2-61)
1 VIP Lampak (ViP-61)
1 Rifa Large Tube Case (R1-83)

Rifa eXtra/Flo 80 Kit

- Code: LC-98X80DZ
- Size: 37.75 x 8.5 x 6.5" (95.9 x 21.6 x 16.5 cm)
- Weight: 24.5 lbs (11.1 kg)

Contains:
1 Rifa eX 88 (LC-88EX)
1 FLO-X3 Lamphead
1 TH-X300 Lamphead
1 1000w, 120v lamp (FEL)
1 300w, 120v Daylight Fluocarm lamp (E1-80)
1 200w, 120v lamp (FVL)
1 KS Stand (KS)
1 80w Lamptubes (FLO-X63)
1 DP Lampak (D2-61)
1 VIP Lampak (ViP-61)
1 Rifa Large Tube Case (R1-83)
Rifa eX 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’s; either 200, 500 & 750w, or 500, 750 & 1000w with lamps & stands.

Rifa eX 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 eX 66 (LC-66EX)
1 750w, 120v lamp (EHF)
1 Rifa eX 55 (LC-55EX)
1 500w, 120v lamp (EHC)
1 Rifa eX 44 (LC-44EX)
1 200w, 120v lamp (FVL)
2 KS Jr. Stands (DT-33)
1 Uni TO Stand (UN-55)
1 DP/Rifa Lampak (D2-61)
1 Multi/Omni Case (TO-84Z)

Rifa eX 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 eX 88 (LC-88EX)
1 1000w, 120v lamp (FEL)
1 Rifa eX 66 (LC-66EX)
1 750w, 120v lamp (EHF)
1 Rifa eX 55 (LC-55EX)
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 (MC5ER)
**Accessory Packs to Build Accessory Kits**

Lampheds with more than one socket have separate switches. The Accessory Packs can be added to your own equipment cases or packed into the below listed Lowell Cases for Accessory Kits to carry along with your Rifa eX or SoftCore Kit.

### Hard Case Options

These special X-Series hard cases have the rigid lengthwise partition, normally used to separate stands from lights, removed to allow better packing of eXchange heads & fluorescent lamps in lamptubes.

They come with partitions to divide the case up as needed to hold eX Accessory Packs.

See Cases section for the complete Lowell Case line, pp. 50-55.

<table>
<thead>
<tr>
<th>Code</th>
<th>Size</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO-83X</td>
<td>29.5 x 13 x 7” (74.9 x 33 x 17.8 cm)</td>
<td>11.5 lbs (5.2 kg)</td>
</tr>
</tbody>
</table>

### Special Case Options

**FLO-X3 Accessory Packs**

**FLO-X3 27w Accessory Pack**

For all Rifa eX models and SoftCore with most conventional softboxes.

**Code** (120v): FLO-X327DP, Code (240v): FLO-X327DPE

**Weight**: 4.5 lbs (2 kg)

1 FLO-X3 Lamphed; 4 27w, 120v Daylight Fluolamps (E1-27); 2 27w Lamptubes (FLO-X61)

*(240v ver. has E1-27E 25w Daylight Fluolamps)*

**FLO-X3 80w Accessory Pack**

For Rifa eX 55, 66, & 88, and SoftCore with Medium/Large conventional softboxes.

**Code**: FLO-X380DP, Code (240v): FLO-X380DPE

**Weight**: 7 lbs (3.2 kg)

1 FLO-X3 Lamphed; 3 80w, 120v Daylight Fluolamps (E1-80); 3 80w Lamptubes (FLO-X63)

*(240v ver. has E1-80E 80w Daylight Fluolamps)*

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**FLO-X1 Accessory Packs**

**FLO-X1 27w Accessory Pack**

For all Rifa eX models and SoftCore with most conventional softboxes.

**Code** (120v): FLO-X127DP, Code (240v): FLO-X127DPE

**Weight**: 1.5 lbs (0.7 kg)

1 FLO-X1 Lamphed; 2 27w, 120v Daylight Fluolamps (E1-27); 1 27w Fluolamp Tube (FLO-X61)

*(240v ver. has E1-27E 25w Daylight Fluolamps)*

**FLO-X1 80w Accessory Pack**

For Rifa eX 55, 66, & 88, and SoftCore with Medium/Large conventional softboxes.

**Code** (120v): FLO-X180DP, Code (240v): FLO-X180DPE

**Weight**: 2.5 lbs (1.1 kg)

1 FLO-X1 Lamphed; 2 80w, 120v Daylight Fluolamps (E1-80); 1 80w Lamptube (FLO-X63)

*(240v ver. has E1-80E 80w Daylight Fluolamps)*

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**FLO-X5 Accessory Packs**

**FLO-X5 80w Accessory Pack**

For Rifa eX 66, & 88, and SoftCore with most conventional softboxes.

**Code** (120v): FLO-X580DP, Code (240v): FLO-X580DPE

**Weight**: 10.5 lbs (4.8 kg)

1 FLO-X5 Lamphed; 6 27w, 120v Daylight Fluolamps (E1-27); 3 Small eX Lamptubes (FLO-X61)

*(240v ver. has E1-27E 25w Daylight Fluolamps)*

---

**FLO-X5 Accessory Packs**

**FLO-X5 80w Accessory Pack**

For Rifa eX 66, & 88, and SoftCore with Large softboxes (with suitable stand and counter balance weight.)

**Code** (120v): FLO-X580DP, Code (240v): FLO-X580DPE

**Weight**: 12.75 lbs (5.8 kg)

1 FLO-X5 Lamphed; 5 80w, 120v Daylight Fluolamps (E1-80); 5 80w Lamptubes (FLO-X63)

*(240v ver. has E1-80E 80w Daylight Fluolamps)*

---

**Soft Case Options**

**Tota/Omni 83X Case**

**Code**: TO-83X

**Size**: 29.5 x 13 x 7” (74.9 x 33 x 17.8 cm)

**Weight**: 11.5 lbs (5.2 kg)

1 FLO-X3 Lamphed; 120v Daylight Fluolamps & Lamptubes

*(E1-27); 1 27w Fluolamp Tube (FLO-X61)*

**GO 85X Case**

**Code**: GO-85X

**Size**: 23.75 x 13.5 x 7” (60.3 x 34.3 x 17.8 cm)

**Weight**: 10.3 lbs (4.7 kg)

1 FLO-X5 Lamphed; 120v Daylight Fluolamps & Lamptubes

*(E1-80); 1 80w Fluolamp Tube (FLO-X63)*

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**Large Litebag**

**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)

1 FLO-X5 Lamphed; 120v Daylight Fluolamps & Lamptubes

*(E1-80); 1 80w Fluolamp Tube (FLO-X63)*

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**Small Litebag**

**Code**: LB-30

**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)

1 FLO-X5 Lamphed; 120v Daylight Fluolamps & Lamptubes

*(E1-80); 1 80w Fluolamp Tube (FLO-X63)*

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**Slim Litebag**

**Code**: LB-24

**Size**: 23 x 9 x 6” (58 x 23 x 15 cm)

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

New Litebag, more compact than Small Litebag (LB-30). Polyester with vinyl coated backing. Supplied with velcro partitions, and padded shoulder strap (SS-10).

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**FLO-X3 Fluorescent Lampheads**

- **3 Lamp FLO-X3**
- **1 Lamp FLO-X1**

**FLO-X5 Fluorescent Lampheads**

- **80w Daylight Lamp (120 & 240v) and Tube**
- **27w Daylight Lamps (120 & 240v) and Tube**

**eXchange Fluorescent Lampheads**

- **5 Lamp FLO-X5**

**Screw-thread Fluorescent Lamps & Lamptubes**

- **27w D aylight Lam ps**
- **80w D aylight Lam ps**
- **120 v ver. has E1-27E 25w D aylight Fluo lam ps**
- **240 v ver. has E1-27E 25w D aylight Fluo lam ps**
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, Omni’s, with accessories. Check the Tota/Omni System Plus Kits for Core Kits that add a quick set-up Rifa eX soft light and accessories for added versatility. All Tota/Omni Kits 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 16.5 cm)
  - Weight: 19 lbs (8.6 kg)
  - With LB-30 Soft Case
  - Code: GO-95LBZ
  - Size: 23 x 10.5 x 6.5" (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 (FTK)
    - 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: T1-93Z
- Size: 29.5 x 13 x 7" (74.9 x 33.5 x 17.8 cm)
- Weight: 29 lbs (13.2 kg)
  - With LB-35 Soft Case
  - Code: T1-93LBZ
  - 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)
    - 750w, 120v lamps (FTK)
    - 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: 01-93Z
- 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: 01-93LBZ
  - 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
Kits

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)
3 Omni-lights (01-10)
4 500w, 120v lamps (FTK)

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: 01-92Z
Size: 29.5 x 13 x 7" (74.9 x 33 x 17.8 cm)
Weight: 30 lbs (13.4 kg)

Omni-light Kits

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 Tota-lights (T1-10)
3 Omni-lights (01-10)
3 Omni Stand (01-33)
3 Omni Barndoors (01-20)
1 Omni Lampak (01-61)
1 Tota/Omni Case (T0-84Z)

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: 01-95Z
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 (T0-61)
1 GO-85 Case

Kits

Tota/Omni Kits

Omni-light Kits

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 Tota-lights (T1-10)
3 Omni-lights (01-10)
3 Omni Stand (01-33)
3 Omni Barndoors (01-20)
1 Omni Lampak (01-61)
1 Tota/Omni Case (T0-84Z)

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: 01-95Z
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)
Tota/Omni Kits

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-35 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)
2. 750w, 120v lamp (EMD)
3. Omni-light (01-10)
4. Omni Barndoors (01-20)
5. 500w, 120v lamp (FTK)

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 eX soft source, has created the Tota/Omni Core Kits.

There are now 2 to choose from, with either 250w Rifa eX 44, or 500w Rifa eX55. Both have also been enhanced with added light control & mounting accessories, plus they now come with lamps.

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:
1. Omni Diffused Glass (01-50)
2. Uni TO Stands (UN-55)
3. Tota/Omni Lampak (T0-61)
4. GO-85 Case (GO-85)

Elemental Kit

Code: TO-98Z
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)
2. 750w, 120v lamp (EMD)
3. Omni-lights, (01-10)
4. 500w,120v lamp (FTK)
5. Omni-stands (01-33)
6. Omni Barndoors (01-20)
7. Full Scrim (01-54)
8. Omni Diffused Glass (01-50)
9. Tota-brella (T1-25)
10. Tota-frames (T1-20)
11. Assorted Gels (T1-78)
12. Assorted Gels (T1-78)
13. Tota/Omni Lam pak (T0-61)
14. G0-85 Case (G0-85)

### Tota/Omni Kits

#### Basic 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)

#### Ambi Kit*
- **Code:** TO-95Z
- **Size:** 29.5 x 13 x 7” (74.9 x 33 x 17.8 cm)
- **Weight:** 34 lbs (15.5 kg)

*Available also as Super Ambi Kit. See page 61

#### 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)

#### Tota/Omni System Plus Kits
- **Contains:**
  1. Tota-light (T1-10)
  2. 750W, 120v lamp (EMD)
  3. Omni-light (O1-10)
  4. 500W, 120v lamp (FTK)
  5. Omni-stands (O1-33)
  6. Omni-Barn door (O1-20)
  7. Full Scrim (O1-54)

- 2 Tota-brellas (T1-25)
- 1 Tota-frame (T1-20)
- 1 Assorted Gels (T1-78)
- 1 Tota/Omni Lampak (T0-61)
- 1 Tota/Omni Case (T0-83)

**With LB-35 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)

**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)
ViP Kits

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)
Contains:
1 V-light (V1-10)
1 500w, 120v lamp (GDA)
2 Pro-lights (P2-10)
2 200w, 120v lamps (FVL)
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 ViP Lampak (ViP-61)
1 GO-85 Case

With LB-30 Soft Case
Code: VP-98LBDZ
Size: 23 x 10.5 x 6.75” (58.4 x 26.7 x 17.2 cm)
Weight: 22 lbs (10 kg)

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 200w, 120v lamps (FVL)
2 Pro-light 4-way Barndoors (IP-20)
2 Uni-stands (UN-33)
1 IP Gel Frame (IP-40)
1 Assorted iP Gels (IP-78)
1 Tota-brella (T1-25)
1 ViP Lampak (ViP-61)
1 GO-85 Case

With LB-30 Soft Case
Code: GO-92LBDZ
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 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 GO-85 Case
Code: V1-90USUZ
Size: 23.75 x 13.5 x 7” (60.3 x 34.3 x 17.8 cm)
Weight: 19.5 lbs (9 kg)
Kits

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)
Contains:
2 V-lights (V1-10)
2000w, 120v lamps (GDA)
1 Pro-light (P2-10)
1 2000w, 120v lamp (FVL)
3 Uni-stands (UN-33)
1 Pro-light 4-way Barndoors (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 Tota-clamp (T1-30)
1 ViP Lampak (ViP-61)
1 GO-85 Case

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)

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)
Contains:
3 Pro-lights (P2-10)
3 2000w, 120v lamps (FVL)
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 Tota-clamp (T1-30)
1 ViP Lampak (ViP-61)
1 GO-85 Case

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: 21 lbs (9.5 kg)

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 eX lights to complement the abilities of the ViP System.

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)
Contains:
1 Pro-light (P2-10)
1 2000w, 120v lamp (FVL)
1 Pro-light 4-way Barndoors (IP-20)
1 V-light (V1-10)
1 500w, 120v lamp (GDA)
1 Rifa eX-44 (LC-44EX)
1 2000w, 120v lamp (FVL)
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

With TO-83 Case
Code: DVC-913
Weight: 28 lbs (12.8 kg)

With LB-30 Soft Case
Code: DVC-91LB
Weight: 21 lbs (9.5 kg)

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 (14.5 kg)
Contains:
1 Rifa eX 55 (LC-55EX)
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

Choose the DV Core 250 Kit to add a 250w Rifa eX 44 or the DV Core 500 Kit which adds the 500w Rifa eX 55, along with gel frames & gels, for a compact kit with big possibilities. All ViP Kits come with lamps.
# ViP System Plus Kits

## 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 eX 44 or Rifa eX 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

<table>
<thead>
<tr>
<th>Contains:</th>
<th>1</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Pro-lights (P2-10)</td>
<td>iP-Swing in Diffuser (IP-50h)</td>
<td>1 Flexi-shaft Pkg. (2) (T1-50)</td>
</tr>
<tr>
<td>2 Pro-light 4-way barndoors (iP-20)</td>
<td>iP-Swing in Full Scrim (IP-54)</td>
<td>1 Tota-flag (T1-52)</td>
</tr>
<tr>
<td>2 200w, 120v lamps (FVL)</td>
<td>iP-Swing in Half Scrim (IP-55)</td>
<td>1 Tota-Flector (T1-54)</td>
</tr>
<tr>
<td>2 V-light (V1-10)</td>
<td>Flag Link (ViP-50)</td>
<td>1 Tota-clamp (T1-30)</td>
</tr>
<tr>
<td>2 500w, 120v lamps (GDA)</td>
<td>Flexi-shaft Pkg. (2) (T1-50)</td>
<td>1 Tota-mount (T1-32)</td>
</tr>
<tr>
<td>1 Rifa eX 44 (LC-44EX)</td>
<td>1 Tota-flag (T1-52)</td>
<td>Lobo (F1-30)</td>
</tr>
<tr>
<td>1 200w, 120v lamp (FVL)</td>
<td>1 Tota-Flector (T1-54)</td>
<td>1 Tota Arm (F1-40)</td>
</tr>
<tr>
<td>1 Tota Frame (T1-20)</td>
<td>1 Tota-clamp (T1-34)</td>
<td>2 ViP Lam paks (ViP-61)</td>
</tr>
<tr>
<td>1 Tota-brella (T1-25)</td>
<td>1 Tota本周 (T1-30)</td>
<td>1 Tota/Omni Case (TO-84Z)</td>
</tr>
<tr>
<td>1 Tota-brella (T1-26)</td>
<td>1 Tota-mount (T1-32)</td>
<td></td>
</tr>
<tr>
<td>4 Uni Stands (UN-33)</td>
<td>1 Lobo (F1-30)</td>
<td></td>
</tr>
<tr>
<td>1 Uni TO Stand (UN-55)</td>
<td>1 Lobo Arm (F1-40)</td>
<td></td>
</tr>
<tr>
<td>1 Assorted Gels (T1-78)</td>
<td>2 ViP Lampaks (ViP-61)</td>
<td></td>
</tr>
<tr>
<td>1 Pro &amp; i Gel Frame (IP-40)</td>
<td>1 DP/Rifa Lampak (D2-61)</td>
<td></td>
</tr>
<tr>
<td>1 iP Assorted Gels (IP-78)</td>
<td>1 Tota/Omni Case (TO-84Z)</td>
<td></td>
</tr>
<tr>
<td>1 Clear Glass (IP-49)</td>
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</tr>
</tbody>
</table>

### DV Pro 55 Kit

<table>
<thead>
<tr>
<th>Contains:</th>
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<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Pro-lights (P2-10)</td>
<td>Flexi-shaft Pkg. (2) (T1-50)</td>
<td>1</td>
</tr>
<tr>
<td>2 Pro 4 way Barndoors (P-20)</td>
<td>1 Tota-flag (T1-52)</td>
<td>1 Tota-Flector (T1-54)</td>
</tr>
<tr>
<td>(P-20)</td>
<td>1 Tota本周 (T1-34)</td>
<td>1 Tota-clamp (T1-30)</td>
</tr>
<tr>
<td>2 200w, 120v lamps (FVL)</td>
<td>1 Tota-mount (T1-32)</td>
<td>1 Lobo (F1-30)</td>
</tr>
<tr>
<td>2 V-lights (V1-10)</td>
<td>1 Lobo Arm (F1-40)</td>
<td>2 ViP Lam paks (ViP-61)</td>
</tr>
<tr>
<td>2 500w, 120v lamps</td>
<td>1 DP/Rifa Lampak (D2-61)</td>
<td>1 Tota/Omni Case (TO-84Z)</td>
</tr>
<tr>
<td>(GDA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Rifa eX 55 (LC-55EX)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 500w, 120v lamp (EHC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Tota Frame (T1-20)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Tota-brella (T1-25)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Tota-brella (T1-26)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Uni Stands (UN-33)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 KS Jr. Stand (DT-33)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Assorted Gels (T1-78)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Pro &amp; i Gel Frame (IP-40)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 iP-Gels (IP-78)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Clear Glass (IP-49)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 IP Swing-in Diffuser</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(IP-50h)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 IP Swing-in Full Scrim (IP-54)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 IP Swing-in Half Scrim (IP-55)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Flag Link (ViP-50)</td>
<td></td>
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</tr>
</tbody>
</table>

## General Information

- **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-35 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)

- **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-35 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)
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 DPs’ 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.

DP System Plus Kits feature the compact DP&T Kit which combines the focusing ability of the DP with the wide angle throw of Totalights and added accessories, plus lamps. Or for a kit that adds the 60 second set-up & beautiful output of a Rifa eX 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 KS Stands (KS)
- 4 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 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:
- 3 DP Lights (D2-10)
- 3 KS Stands (KS)
- 1 #3 Superspot Reflector (D2-17)

DP3 Jr. Kit

Code: D2-93Z
Size: 29.5 x 17.75 x 9” (74.9 x 45.1 x 22.9 cm)
Weight: 47 lbs (21.4 kg)

Contains:
- 3 DP Lights (D2-10)
- 3 DP Barndoors (D2-20)
- 1000w, 120v lamps (FEL)
- 3 KS Jr. Stands (DT-33)
- 2 DP-brella (D2-25)

DP3 Jr. Kit

Code: D2-93Z
Size: 37.5 x 17.75 x 9” (95.3 x 45.1 x 22.9 cm)
Weight: 57 lbs (25.9 kg)

Contains:
- 3 DP Lights (D2-10)
- 3 KS Stands (KS)
- 4 DP Barndoors (D2-20)
- 1 DP Lampak (D2-61)
- 1 Multi Case (MCSEM)
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)
- 750w, 120v lamp (EMD)
- Rita x68 (LC-88EX)
- 1000w, 120v lamp (FEL)
- #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 Assorted Gels (D2-78)
- 1 Light-flector with Tilter (LFT)
- 1 Tota-Flag (T1-52)
- 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 Diffused Glass (D2-50)
- 1 DP Frame (D2-24)
- 1 DP Assorted Gels (D2-78)
- 1 Uni Sr. Stands (UN-66)
- 2 Uni TO Stands (UN-55)
- 1 DP/Tota Lampak (DT-61)
- 1 Multi Case (MCSEM)

Mini-DP&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)
- 1 DP Frame (D2-24)
- 1 DP Assorted Gels (D2-78)
- 1 Uni Sr. Stands (UN-66)
- 2 Uni TO Stands (UN-55)
- 1 DP/Tota Lampak (DT-61)
- 1 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 Barndoors (D2-20)
- 1 Ritu x55 (LC-55EX)
- 1 500w, 120v lamp (EHC)
- 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 Assorted Gels (D2-78)
- 1 DP/Tota Lampak (DT-61)
- 1 Multi Case (MCSEM)

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 Barndoors (D2-20)
- 1 1000w, 120v lamp (FEL)
- 1 Ritu x66 (LC-66EX)
- 1 750w, 120v lamp (EMD)
- 1 750w, 120v lamp (EHF)
- 1 Tota-light (T1-10)
- 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 Assorted Gels (D2-78)
- 1 DP/Tota Lampak (DT-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 Barndoors (D2-20)
- 1 1000w, 120v lamp (FEL)
- 1 Ritu x88 (LC-88EX)
- 1 750w, 120v lamp (FEL)
- 1 750w, 120v lamp (EHF)
- 1 Tota-light (T1-10)
- 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 Assorted Gels (D2-78)
- 1 DP/Tota Lampak (DT-61)
- 1 Multi Case (MCSEM)
Kits

Fluorescent 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

### LowelScandles Kit

**Two Light Kit**

- **Tungsten Kit**
  - Code: LSF-92TU
- **Daylight Kit**
  - Code: LSF-92DA

**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)

& lamps in their lids. There are 2 kits available, each with a choice of tungsten or daylight corrected fluorescent lamps.

### Caselite Kits

**Caselite4 Kit**

- **Tungsten Kit**
  - Code: CF-94TU
- **Daylight Kit**
  - Code: CF-94DA

**Each Kit Contains:**
- 1 Caselite4 (CF-40) with either daylight or tungsten balanced GE Cinema-Plus 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.

### 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: L1-93US**
- **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
Outdoors, our subject is being lit by the sun, which, in reality, is much larger than the subject. But, since it's so far away, it appears smaller and therefore is light quality will be "harder". Note the sharp shadows.

Indoors, our subject is now being lit by a 250W Pro-light, which is much smaller than the sun, but also much closer. It still appears much smaller than the subject, and therefore is light quality will be "harder". These shadows are also sharp.

Outdoors, our subject is now being lit by the overcast sky. Unlike the "point source" effect of the sun, the entire white cloudy sky is now the light source. In relation to our subject, the source is much larger. It lights our subject from a very large angle, so its effect is ultra soft. Note how subtle the shadows are.

Indoors, our subject is now being lit by a 750W Rifa eX 66. While its not as large as a source as the overcast sky, it is a much larger source than the Pro-light, especially when used this close. So the effect will be much softer than the Pro-light. Compare the shadows between Pro & Rifa.
Placing an average wine glass on a table with a dark background, and taking a close look at it, you will immediately find that its curved reflective surface will tend to show the entire room. Every window, table lamp, or any other bright object will be visible. You need to control the lighting of the room around the glass, to affect what is seen in the glass.

In many cases the glass object you light will be clear, so it is often a combination of lighting what is behind the glass (and seen through it), as well as what is seen reflected in the glass. Properly placed, reflections can do a lot to help define the shape of the object. Paying attention to these 2 aspects can bring creative possibilities that, while simple in theory, can be challenging to actually execute. The narrow white highlights on the sides of the glass are reflections from the large white panels placed on each side of the dark centered background. They are lit by a 250W focusable Pro-light. Since any light shining in front of the glass will be reflected in it, we need to block the beam of the Pro-light from hitting the glass, hence the Tota-flag attached to the light stand. Lighting glass requires attention to detail & can be painstaking work. The back of the setup is actually a full width white cardboard with a smaller black cloth draped in the center.

By changing the area size of the white panels, we can change the width of the reflections in the glass. This gives us more creative flexibility, by narrowing the width of the center black cloth, the white sides get larger and have a direct effect on what shows up in the glass. Using white card reflection to define the shape of a glass object is called “White Line Lighting.”

In this example we tried to match the light direction and quality of the scene that is matted into the background. The sun’s direction is indicated by the shadows on the window frames. There is no hair light. In this case it would have been an unnatural second source. Notice, the biggest light is not always the key light.

The green screen background is being evenly lit by two Omni-lights with 300watt bulbs and diffused with Special / White Tota-umbrellas. The barndoors were left on to block the direct light from the front of the light flaring the camera lens.

DP Light with a Special / White DP Brelia and a 1000 Watt bulb is providing the fill to open up the shadows on the model. Again the barndoors were used to flag the front of the light. A combination of distance and adjusting the barndoors allowed us to get the fill level where we wanted.

The overhead office lights provide enough light to make an exposure but you can see they have a very unflattering effect on the subject. Her eyes are nearly lost in shadows, her forehead is the brightest part of her face, and there is a long shadow under her nose. We turned them all off.

The Omni-light from the kit was fitted with the gel frame and frost gel. With the subject facing the interviewer’s position, placement and height of the light were adjusted until the subject’s nose shadow blended along the line below her cheek to the end of her mouth. A stand with the Tota-light and umbrella was placed just to the left of the camera position, a little higher than her head. This caused the shadows from the light to fall lower, behind the subject, avoiding a second set of shadows from being visible behind her. We adjusted the light’s distance to the subject until we saw the amount of fill, or lightening of shadows, we wanted. The Pro-light was placed as far behind her as possible without being visible in the frame. It added a shine to her hair that appears to be coming from the lamp in the background. If we placed this Back or Hair light too high there would be a hard shadow on the desktop in front of her, and the tip of her nose would have a distracting bright spot. The barn doors on this light were pinched together to only allow light on her hair.

In the final image, overall, the lighting has a smoother appearance. The hair light puts a more subtle shine on her hair. The image has less contrast but there is still enough difference between the Key and Fill lights to show the contours of her face.
Lowel lights & accessories are efficient, easy to use and dependable. Choosing the right light depends on your specific technical and aesthetic requirements.

In addition to the below information, visit our online EDU Resource Center for free lighting lessons, & much more. www.lowel.com

**Choosing a Light**

**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

**Lowel non-focusing hard light sources:**
- L-light: 120v; up to 300w
- Lowel Blender LED: AC/DC color change
- Lowel Prime LED: 120-240v autoset

**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.
- Can be created from hard light sources by adding accessory umbrellas, or gel frames with diffusion.

**Lowel dedicated soft light sources:**
- Rifa eXchange: efficient, quick set-up; 4 sizes with max wattages from 250 - 1000w; accessory eXchange lamphead system allows use of 50-100w DC lamps & high CRI screw-threaded fluorescents, 27 & 80w.
- Caselite fluorescent: 120v & 230v models; (2 sizes) 2-lamp 110w, 4-lamp 220w. Daylight or tungsten high CRI color temperatures.
- LowelSandles fluorescent: 120v; 8-lamp cluster of either 18 or 24w lamps. Daylight or tungsten high CRI color temperatures.
- Lowel/Fluo-Tec fluorescent: 120v, & 230v models; (5 dimmable models housing 2-8 55w lamps) Daylight or tungsten color temperature lamps with high CRI (Color Rendering Index).
- Lowel Ego fluorescent: 120v; 2 lamp (27w high CRI 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).

**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
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), or DP.
- Use Frost Gel on Gel Frames of Tota, V, L-light, Pro, i, Omni, and DP, or clip to Barndoors of Caselite.
- Use Diffused Glass accessory in Barndoors 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.
- Use Barndoor Softening Set on Lowel Prime LED.

To reduce overall brightness:
- Flood a focusing light, move the light back, or partially close Barndoors.
- Use full scrim in Omni, Pro, i, or DP light.
- Use flexible Lightflectors or Tota-flector for softening.
- Use high CRI (Color Rendering Index) daylight lamps, appropriate cable, and battery, and daylight gel or dichroic filter.
- Use high CRI (Color Rendering Index) daylight lamps in fluorescent fixtures.
- Use Lowel Blender, color changing LED for daylight, tungsten or a blend of the 2 colors.

To increase brightness:
- Use maximum wattage recommended lamps.
- Focus toward spot position.
- Use low wattage lamps to avoid overwhelming available light.
- Use DP light.
- Use Fin-S or Hollywood Strip for finessing line details of control.
- Use Snoot on Omni, Pro, i, id, and DP light.
- Use fabric egg crates on Rifa eX
- Use accessory Honeycomb Grids on Lowel/Fluotec fluorescents or Lowel Prime LEDs.
- Reverse mirror side Barndoor/Intensifiers to black barndoor side to trim spill of Caselite or TRIO fluorescents.

To diffuse & soften light:
- Use umbrella attached to Tota, Omni, V, L-light (with stand-fitting), or DP.
- Use Frost Gel on Gel Frames of Tota, V, L-light, Pro, i, Omni, and DP, or clip to Barndoors of Caselite.
- Use Diffused Glass accessory in Barndoors frame of Omni or DP, or as Swing-in Accessory on Pro, i & id.
- Bounce light off white (color neutral) wall or ceiling.
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- Flood a focusing light, move the light back, or partially close Barndoors.
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- Use high CRI (Color Rendering Index) daylight lamps in fluorescent fixtures.
- Use Lowel Blender, color changing LED for daylight, tungsten or a blend of the 2 colors.

To correct for daylight:
- For tungsten, use various strengths of 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 high CRI (Color Rendering Index) daylight lamps in fluorescent fixtures.
- Use Lowel Blender, color changing LED for daylight, tungsten or a blend of the 2 colors.

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.
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, Rifa eX 55 & 66, when compact packing is important.
- Use KS Stand for the above, plus Rifa eX 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, Vanflector, 3rd leg 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.
- Use Space-clamp (with extension bars needed).
- Use Tota-clamp, Grip and Interlink or Double Male Stud Clamps.
- Use Cam-link with any of the above for Pro and i/id lights.
- Use two KS Stands, two Grips or Interlinks, two Full Poles.

To stabilize stands:
- On grass or sand, push Anchors through holes in legs of KS, KSA or Grand Stand.
- Use Home-plate with Scissor-mount for small and medium to large flags.
- Use Screw-in Stud or Space-clamp for small and medium-sized lights.
- Use universe, & Uni TO Stands for the above, plus DP, Rifa eX 55 & 66, when compact packing is important.
- Use Omni, & Uni TO Stands for the above, plus DP, Rifa eX 55 & 66, when compact packing is important.
- Use Rifa eX 88, Basic Boom, large flags, and reflective panels.
- 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 wheel stands:
- Attach casters to KS, KSA and Grand Stands for heavy equipment, booms, etc. (casters can be locked in position).
- Use weight on Maxa-mount or stand behind paper.

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.
- Use Counter-weight on Lobo Arm if needed.

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 mount lights on walls or windows:
- Attach Tota-mount with Gaffer-tape for Tota, Omni, V, i or Pro lights.
- Mount 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 walls or windows:
- Attach Tota-mount with Gaffer-tape for Tota, Omni, V, i or Pro lights.
- Mount 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 increase safety:
- Use an adequate stand or clam p (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.

To put small lights on floors or tables:
- Use Screw-in Stud or Space-clamp for small and medium-sized lights.
- 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.
- Because today’s digital & film based cameras can work in lower light levels, consider a kit with higher max. wattage fixtures, that have available lower wattage lamps. Use them regularly with lower wattage lamps and use higher wattages when you need to light from greater distances.

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.

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 Hauppauge or your Lowel dealer.

Contact us for a free parts booklet, with order form or download it from our website: 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 Hauppauge, 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, Lightlector, Varilight, Frame-up, Lobo, Lowel Light Array, Lowel V1P System, Lowel Pro-light, Lowel i-light, Lowel V-light, Lowel Dimmer, GO Kits, Missing-Link, Fren-L 650, Lowel Gel File, Rita-ill®, Tota-shade, Fin-S, Litebags, Core Kits, Gel-jawz, Caseelite®, Lowel Fluo-Tec, Lowel Scandies, 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.
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**Note:** The table contains a wide range of products with varying prices and descriptions, reflecting a comprehensive list of items available from the supplier.
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