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# evolution<sup>series</sup>

## DUAL REFLECTOR

### evo150

Evolution technology delivers light more efficiently than standard fiber optic illuminators. Evo means increased light output and quality.

- APPLICATIONS**
- Small aperture downlighting replacement of 35 & 50W MR16 Halogen Lamps.
  - Accent and display lighting in retail and commercial applications.
  - Grocery store produce areas - eliminating UV and heat which can accelerate spoilage.

**SPECIFICATIONS** The evo-150 is a high lumen output illuminator utilizing a 150 watt metal halide / high intensity discharge lamp rated at 10,000 hours average life.

**Reflector:** State-of-the-art dual parabolic optics

**Dimensions:** 12.0" L x 7.4" W x 6.0" H

**Weight:** 16 lbs.

**Lamp:** 150 watt metal halide lamp

**Life:** 10,000 hours

**UL Listed:** Dry Locations only

**Warranty:** 2 year on Illuminator









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Product	Wattage/Lumens	Lamp Life	Multi Beam Optics	Warranty
EVO150 Super Vision	150 Watts/	10,000 hours	15-40 degrees	2 years
EFO Fiberstars	68 Watts/	8,000 hours	15-40 degrees special order 60°	1 year

EVO PRODUCT INFO: EVO150, Fiber Cable, ESDL Fixtures, Light Bar

PRODUCT	DESCRIPTION	SPECIFICATIONS	ORDERING INFO
<p><b>ILLUMINATOR</b></p>  <p>EVO150 Illuminator</p>	<p>The EVO150 is a high lumen output illuminator with a 150 watt metal halide/high intensity discharge lamp rated at 10,000 hours average life. The EVO150 is UL listed for interior use only and incorporates a unique dual parabolic reflector design that provides efficient, clean, bright white light to the fiber optics, adjustable fixtures or light bars.</p>	<p>UL Listed: dry locations                      UL file No. E166626                      Warranty: 2 years (excluding lamp)                      IP Rating: 20                      dB Rating: 40 dbA</p>	<p>Illuminator                      Model: EVO150 - 150 watt                      HID/MH Illuminator                      Lamp: 42 - 4,200K                      Power: 120 - 120 VAC, 60Hz                      220 - 220 VAC, 50Hz                      230 - 230 VAC, 50Hz                      240 - 240 VAC, 50Hz                      277 - 277 VAC, 60Hz</p>
<p><b>FIBER OPTIC CABLE</b></p>  <p>FIBER OPTIC CABLE</p>	<p>Jacketed endpoint fiber is made from a single strand of PMMA acrylic optical fiber covered with a white PVC jacket for protection from external damage.</p>	<p>Construction: PMMA acrylic/white PVC jacket                      Diameter: SVPAF3mm (with jacket) .18\"/&gt; </p>	<p>Jacketed Endpoint Fiber                      SVPAF3MM - cut to length</p>
<p><b>FIXTURES -</b>                      Down Lighting / Accent Lighting</p>  <p>DOWN LIGHT FIXTURE - ESDL</p>  <p>ADJUSTABLE EYEBALL FIXTURE - ESEB</p>	<p>The ESDL series, adjustable beam fixtures are designed for use with a single 3mm jacketed fiber and EVO150 illuminator. Beam angles are set, using two rotating thumb screws to one of the following positions: 15°, 25°, or 40°.</p>	<p>Construction: Fixture housing is made of aluminum and finished for lasting beauty and durability. Finish is white or black aluminum. Compression fitting holds fiber tightly into fixture.</p> <p>Cabling: The ESDL fixture accommodates 1 - SVPAF3mm fiber.</p>	<p>Adjustable Beam Fixtures                      ESDL-White white, aluminum                      ESDL-Black black, aluminum                      ESEB-White white, aluminum                      ESEB-Black black, aluminum</p>
<p><b>LIGHT BAR</b></p>  <p>LB1 Plastic</p>  <p>LB2 Aluminum</p>	<p>Fiber optic light bars for display case lighting, cove lighting, glass edge lighting and under counter lighting applications.</p>	<p>Construction: Aluminum or Plastic housing with endpoint fiber at 1/4\"/&gt; </p>	<p>Fiber Optic Light Bars                      Light Bar LB1 - .625\"/&gt; </p>