FHD Series
Heavy Duty LED Floodlight

True Lighting™

www.eyelighting.com
LED FHD Series
Delivers on Savings

EYE Lighting's Heavy Duty Floodlights are the ideal solution for providing high-power light output in demanding floodlighting applications for commercial and industrial facilities.

The durable, die-cast aluminum housing, coupled with the highly efficient Light Emitting Diode (LED) light source, make these luminaires easy to specify for most any environment. The frosted, high-transparency lens virtually eliminates the harsh glare produced by other LED luminaires, but allows the EYE floodlight to deliver on savings and performance.
EYE Lighting FHD
Series Advantages

- 185 and 230 Watts
- 20,000 and 25,000 Delivered Lumens
- 90+ Lumens per Watt Efficacy
- Available in 5300K with Three Beam Distributions for Any Application:
  - Warehouses
  - Big Box Stores
  - Truck & Shipping Terminals
  - Storage Facilities
  - Building Façade
  - Railroad Yards
  - Security
  - Parking Areas
- IP65 Water and Dust Ingress Protection
- UL Listed
- 5 Year Limited Warranty
- Adjustable Trunnion Mount and Additional Accessory Options

Thermal Design:
Driver is mounted in separate housing to improve thermal distribution

Large Thermal Fins:
Large thermal fins assure cool operating temperatures for long life

Locking Bolt:
Large locking bolt and heavy duty lock washer ensure accurate aiming over time

High Transparency Frosted, Tempered Glass:
High transparency frosted, tempered glass promises comfortable viewing from any angle

Easy Mount Trunnion & Water-Tight Connector:
Easy mount trunnion and water-tight connector for performance in virtually any application

Silicone Gaskets:
Silicone gaskets prevent water and debris ingress for long life
**PHOTOMETRIC DATA** (Photometrics shown for 230W FHD, please visit eyelighting.com for 185W photometrics and IES files.)

**FHD Series Order Guide**

<table>
<thead>
<tr>
<th>FAMILY</th>
<th>WATTAGE / SOURCE</th>
<th>CCT</th>
<th>CRI</th>
<th>DISTRIBUTION</th>
<th>VOLTAGE</th>
<th>COLOR</th>
<th>OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHD</td>
<td>18L = 185W LED</td>
<td>53</td>
<td>70</td>
<td>W = Wide</td>
<td>UNV = 120-277V</td>
<td>DB = Dark Bronze</td>
<td>SP1 = 10kA Surge Protector</td>
</tr>
<tr>
<td></td>
<td>23L = 230W LED</td>
<td></td>
<td></td>
<td>M = Medium</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N = Narrow</td>
<td></td>
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</table>

**AMBIENT DATA**

<table>
<thead>
<tr>
<th>Ambient Temperature</th>
<th>Lumen Multiplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>15°C</td>
<td>1.02</td>
</tr>
<tr>
<td>25°C</td>
<td>0.98</td>
</tr>
<tr>
<td>40°C</td>
<td>0.98</td>
</tr>
</tbody>
</table>

**WATTAGE SUMMARY**

<table>
<thead>
<tr>
<th>Model</th>
<th>Driven Luminaire Wattage</th>
<th>Average Lumens</th>
<th>Lumen Maintenance (L70 At 25°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>185W</td>
<td>203W</td>
<td>19,300</td>
<td>&gt;150,000 hrs.</td>
</tr>
<tr>
<td>230W</td>
<td>250W</td>
<td>24,500</td>
<td>&gt;150,000 hrs.</td>
</tr>
</tbody>
</table>

**PHOTOMETRIC DATA** (Photometrics shown for 230W FHD, please visit eyelighting.com for 185W photometrics and IES files.)

**230W 30° Frosted Glass**

- NEMA = 5 x 5
- Beam Angle = 30° x 32°
- Field Angle = 71° x 73°
- System Wattage = 250W
- Color Temperature = 5300K
- Lumens = 24,500
- Center Beam Candlepower = 49,453

**230W 53° Frosted Glass**

- NEMA = 5 x 5
- Beam Angle = 53° x 54°
- Field Angle = 92° x 96°
- System Wattage = 250W
- Color Temperature = 5300K
- Lumens = 25,000
- Center Beam Candlepower = 25,950

**230W Wide Frosted Glass**

- NEMA = 7 x 7
- Beam Angle = 124° x 76°
- Field Angle = 162° x 144°
- System Wattage = 250W
- Color Temperature = 5300K
- Lumens = 23,000
- Center Beam Candlepower = 9,195

**AMBIENT DATA**

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</tr>
<tr>
<td>40°C</td>
<td>0.98</td>
</tr>
</tbody>
</table>

**PMB Accessory Order Guide** (Ordered Separately)

<table>
<thead>
<tr>
<th>FAMILY</th>
<th>COLOR</th>
<th>EXISTING TENON</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMB</td>
<td>DB</td>
<td>23 = 2 1/8&quot; (60.3 mm) O.D.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>30 = 3&quot; (76.2 mm) O.D.</td>
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<tr>
<td></td>
<td></td>
<td>40 = 4&quot; (101.6 mm) O.D.</td>
</tr>
</tbody>
</table>

**EYE Lighting International of North America, Inc.**

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