LED Solutions for Industrial Applications

Advanced lighting for demanding environments
Designed for optimal performance in today's industrial applications

Established in 1938 to support the rugged lighting requirements of the drilling industry, Rig-A-Lite quickly earned a reputation for quality, dependability and performance. Today, our focus has expanded to providing long-lasting, purpose-built products to a vast array of demanding industries, including petrochemical, midstream oil and gas, food processing, water treatment and steel production.

Ruggedly constructed with the highest quality materials, Rig-A-Lite Products are designed for lasting performance within the most hostile of industrial environments. From highly corrosive chemicals and extreme temperatures to jarring vibrations and punishing wash down, our diverse portfolio of LED solutions provides superior illumination and maximum durability.

To complement durable design and performance, our designs provide the unique benefit of field-replaceable circuit boards and drivers. With a high degree of serviceability, individual components can be replaced as needed, maximizing service life while lowering total cost of ownership.
Rig-A-Lite

The hardest-working fixtures for the toughest environments

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Focused on harsh environments since its inception, AZZ’s expertise and experience are unmatched.
### Rig-A-Lite

**CHL LED**

#### Key Features
1. Low-profile, lightweight design
2. Heavy-duty, 1/8" thick body
3. 3/4" NPT hubs
4. Three cable entry points
5. Toolless, cage-clamp terminal block
6. Captive junction box cover and hardware
7. Field-replaceable circuit boards and drivers
8. Impact resistant polycarbonate lens

#### Additional Features
- Feed-through capable
- Various mounting options
- Emergency battery back-up
- Dimmable driver
- Diffused lens option
- Standard 10kV surge protection
- 5-year warranty

#### Classifications
- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- Class I, Zone 2, Groups IIA, IIB, IIC, Zone 22 (ANSI/UL 844)
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- UL 924 emergency lighting
- Emergency battery back-up
- 65°C ambient temperature
- CSA c22.2 No. 250.0-08
- CSA c22.2 No. 137-M1981
- NEMA 4X
- IP66
- Tested to LM 79 & LM 80

#### Standard Materials
- Body: fiberglass-reinforced polycarbonate
- Gasket: one-piece silicone
- Mounting brackets: stainless steel
- Lens: polycarbonate
- Hubs (2): A360 aluminum (less than .4% copper content)
- Hardware: stainless steel

#### Model Specifications

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<tr>
<th>Model</th>
<th>Length</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable Fluorescent Luminaires</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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<tbody>
<tr>
<td>CHL04LC2UXX</td>
<td>2-ft</td>
<td>30w</td>
<td>3710</td>
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<td>84</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
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<tr>
<td>CHL05LC4UXX</td>
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<td>4376</td>
<td>141</td>
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<td>55°C</td>
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<td>120 - 277V 50/60HZ</td>
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<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
</tbody>
</table>
**HNMF2 LED**

**Key Features**

1. Single piece fiberglass reinforced housing with 1/2 in. conduit ports on each end.
2. Lens is securely held in place by tool free polymeric latches. Stainless Steel and tamper proof latches are available as options.
3. Flexible, impact resistant acrylic lens.

**Additional Features**

- Vibration dampening, factory-installed mounting feet
- Dimmable driver
- Optional polycarbonate lens
- Supplemental 10kV surge protection
- 5-year warranty

**Classifications**

- Class I, Division 2, Groups A, B, C and D
- Class I, Zone 2, Groups IIA, IIB, IIC, Zone 22 (ANSI/UL 844)
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- 55°C ambient temperature
- NEMA 4X
- cUL listed
- IP65

**Standard Materials**

- Body: single-piece fiberglass
- Lens: impact-resistant acrylic
- Hardware: stainless steel

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable Fluorescent Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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<td>82</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
</tbody>
</table>
MHL LED

Key Features
1. Low-profile, lightweight design
2. Heavy-duty, 3/8”-thick die-cast safety cable attachment points
3. Toolless, cage-clamp terminal block
4. Captive junction box cover, attached by nylon-coated, stainless steel cable
5. Field-replaceable LED circuit boards and drivers with quick disconnects
6. Adjustable mounting bracket with 60° range-of-motion and nine locking positions
7. Impact-resistant clear or diffused lens

Linear LED lighting for hazardous locations

Additional Features
• Central safety cable attachment points for increased safety/reduced range of motion
• Feed-through capable
• Optional end brackets for chain mount applications
• Emergency battery back-up
• Standard 10kV surge protection
• 5-year warranty

Classifications
• Class I, Division 2, Groups A, B, C and D
• Class II, Division 2, Groups F and G
• Class III
• Class I, Zone 2, Groups IIA, IIB, IIC, Zone 22 (ANSI/UL 844)
• UL 1598A marine outside type
• UL 1598 wet locations
• UL 8750 LED safety
• UL 844 hazardous locations
• UL 924 emergency lighting
• Emergency battery back-up

• -40ºC to 65ºC ambient temperature
• CSA C22.2 No. 250.0-08
• CSA C22.2 No. 137-M1981
• ATEX/IEC/EX approvals
• NEMA 4X
• ABS type approved
• IP66
• Tested to LM79 and LM80

Standard Materials
Body: 6061T5 aluminum (less than .4% copper content) with baked-on gray epoxy finish
Driver body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
Gaskets: one-piece neoprene
Optional end brackets: stainless steel
Lens: polycarbonate
Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable Fluorescent Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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<td>3620</td>
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<td>2 x 24w T5HO / 2 x 35w T12HO</td>
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<td>120 - 277v 50/60 HZ</td>
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<td>120 - 277v 50/60 HZ</td>
<td>55ºC</td>
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<tr>
<td>MHL06LC4</td>
<td>2-ft</td>
<td>39w</td>
<td>5550</td>
<td>142</td>
<td>2 x 24w T5HO / 2 x 35w T12HO</td>
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<td>120 - 277v 50/60 HZ</td>
<td>50ºC</td>
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<tr>
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<td>52w</td>
<td>7261</td>
<td>140</td>
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<td>120 - 277v 50/60 HZ</td>
<td>60ºC</td>
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<td>72w</td>
<td>9485</td>
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<td>65ºC</td>
</tr>
<tr>
<td>MHL11LC4</td>
<td>4-ft</td>
<td>77w</td>
<td>11252</td>
<td>147</td>
<td>2 x 54w T5HO / 2 x 60w T12HO</td>
<td>83</td>
<td>120 - 277v 50/60 HZ</td>
<td>50ºC</td>
</tr>
</tbody>
</table>
Durable design and high-quality materials deliver exceptional illumination year after year in the most punishing environments.
Rig-A-Lite

MHLS LED

Key Features
1. Low-profile, lightweight design
2. Integral safety cable attachment points
3. Toolless, cage clamp terminal block
4. Captive junction box cover, attached by nylon-coated, stainless steel cable
5. Field-replaceable LED circuit boards and drivers with quick disconnects
6. Adjustable mounting bracket with 60° range of motion and nine locking positions
7. Impact-resistant clear or diffused lens

Stainless steel linear LED lighting for hazardous locations

Additional Features
- Central safety cable attachment points for increased safety/reduced range of motion
- Feed-through capable
- Optional end brackets for chain mount applications
- Emergency battery back-up
- Standard 10kV surge protection
- 5-year warranty

Classifications
- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- Class I, Zone 2, Groups IIA, IIB, IIC, Zone 22 (ANSI/UL 844)
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations

Standard Materials
- Body: type 304 stainless steel (optional type 316)
- Driver body: type 304 stainless steel (optional type 316)
- Gaskets: one-piece neoprene
- Optional end brackets: stainless steel
- Lens: polycarbonate
- Hardware: stainless steel

UL 924 emergency lighting
UL 222.2 No. 250.0-08
UL 222.2 No. 137-M198I
NEMA 4X
ABS type approved
IP66

Model | Length | Wattage | Lumens | Lumens per Watt | Comparable Fluorescent Luminaire | CRI | Operating Voltage | Ambient Temperature
---|---|---|---|---|---|---|---|---
MHLS04LC2 | 2-ft | 27w | 3620 | 134 | 2 x 24w T5HO / 2 x 35w T12HO | 83 | 120 - 277v 50/60 HZ | 55°C
MHLS05LC4 | 2-ft | 37w | 4833 | 130 | 2 x 54w T5HO / 2 x 60w T12HO | 83 | 120 - 277v 50/60 HZ | 55°C
MHLS06LC4 | 2-ft | 39w | 5550 | 142 | 2 x 24w T5HO / 2 x 35w T12HO | 83 | 120 - 277v 50/60 HZ | 50°C
MHLS07LC4 | 4-ft | 52w | 7261 | 140 | 2 x 54w T5HO / 2 x 60w T12HO | 83 | 120 - 277v 50/60 HZ | 60°C
MHLS09LC4 | 4-ft | 72w | 9757 | 136 | 2 x 54w T5HO / 2 x 60w T12HO | 83 | 120 - 277v 50/60 HZ | 60°C
MHLS11LC4 | 4-ft | 77w | 11252 | 147 | 2 x 54w T5HO / 2 x 60w T12HO | 83 | 120 - 277v 50/60 HZ | 50°C
**LHFL LED**

**Key Features**

1. High-performance precision optics system
2. Driver access plate with stainless steel safety retention chain and captive hardware
3. Field-replaceable LED circuit boards and drivers with quick disconnects
4. Approved for high-ambient applications, up to 65°C
5. Two permanent safety cable retention points

**LED flood lighting for hazardous locations**

**Additional Features**

- Versatile trunnion mount, with 180° range of motion
- Dual hub entries, feed-through capable
- Terminal block
- Optional polycarbonate lens
- Standard 10kV surge protection
- 5-year warranty

**Classifications**

- Class I, Division 2, Groups A, B, C and D
- Class II, Divisions 1 and 2, Groups E, F and G
- Class III
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- -20°C to 65°C ambient temperature (Class I, Division 2)
- -20°C to 55°C ambient temperature (Class II, Divisions 1 and 2, Class III)
- CAN/CSA C22.2 No. 137-M1981
- CAN/CSA C22.2 No. 250.0-08
- NEMA 4X
- ABS type approved
- IP66
- DLC Listed
- Tested to LM79 and LM80
- ATEX/IEC/EX approvals

**Standard Materials**

Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
Gaskets: silicone
Lens: tempered glass
Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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</thead>
<tbody>
<tr>
<td>LHFL07LUT76XX</td>
<td>70w</td>
<td>6919</td>
<td>106</td>
<td>175w MH</td>
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<td>65°C</td>
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<tr>
<td>LHFL15LUT76XX</td>
<td>130w</td>
<td>13562</td>
<td>105</td>
<td>250w MH</td>
<td>73</td>
<td>120 - 277v 50/60 HZ</td>
<td>65°C</td>
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<td>LHFL20LUT76XX</td>
<td>188w</td>
<td>19518</td>
<td>104</td>
<td>400w MH</td>
<td>75</td>
<td>120 - 277v 50/60 HZ</td>
<td>65°C</td>
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</tbody>
</table>
# LHFLJ Floodlight/High-Bay LED

## Key Features
1. Compact, space-saving design
2. High-performance precision optics system
3. Driver access plate features stainless steel safety retention chain and captive hardware
4. Field-replaceable LED circuit boards and drivers with quick disconnects
5. Approved for high-ambient applications, up to 65°C
6. Two permanent safety cable retention points
7. Flexible universal mounting system

## LED floodlight/high-bay for hazardous locations

## Additional Features
- Versatile trunnion-mount with 180° range of motion
- Dual hub entries, feed-through cable
- Optional polycarbonate lens
- Terminal block
- Optional emergency battery back-up
- Standard 10kV surge protection
- 5-year warranty

## Classifications
- Class I, Division 2, Groups A, B, C and D
- Class II, Divisions 1 and 2, Groups E, F and G
- Class III
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- Emergency battery backup
- -20°C to 65°C ambient temperature (Class I, Division 2)
- -20°C to 55°C ambient temperature (Class II, Divisions 1 and 2, Class III)
- CAN/CSA C22.2 No. 137-M1981
- CAN/CSA C22.2 No. 250.0-08
- NEMA 4X
- ABS type approved
- IP66
- DLC Listed
- Tested to LM79 and LM80
- ATEX/IEC/EX approvals

## Standard Materials
- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: silicone
- Lens: tempered glass
- Hardware: stainless steel

## Model Comparison

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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<tbody>
<tr>
<td>LHFLJ07LUTP76</td>
<td>70w</td>
<td>6862</td>
<td>108</td>
<td>175w MH</td>
<td>75</td>
<td>120 - 277V 50/60Hz</td>
<td>-20°C &lt; Tamb &lt; 65°C</td>
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<tr>
<td>LHFLJ15LUTP76</td>
<td>130w</td>
<td>13020</td>
<td>104</td>
<td>250w MH</td>
<td>75</td>
<td>347V/480V 60 Hz</td>
<td>-20°C &lt; Tamb &lt; 65°C</td>
</tr>
</tbody>
</table>
**SHLF LED**

**Key Features**

1. High-performance precision optics system
2. Field-replaceable LED circuit boards and drivers with quick disconnects
3. Permanent safety cable retention points
4. Separate LED/driver chambers for maximum heat dissipation
5. Terminal block

**Stainless steel LED flood lighting for hazardous locations**

**Additional Features**

- 3/4” NPT hub(s)
- Optional polycarbonate lens
- Pendant mount available
- Ceiling mount available
- Standard 10kV surge protection
- 5-year warranty

**Classifications**

- Class I, Division 2, Groups A, B, C and D
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- CAN/CSA C22.2 No. 250.0-08
- CAN/CSA C22.2 No. 137-M1981
- NEMA 4X
- IP66
- Tested to LM79 and LM80 standards

**Standard Materials**

Body: type 304 stainless steel (optional type 316)
Gaskets: silicone
Lens: tempered glass (optional polycarbonate)
Hardware: stainless steel

---

**Model** | **Wattage** | **Lumens** | **Lumens per Watt** | **Comparable HID Luminaire** | **CRI** | **Operating Voltage** | **Ambient Temperature**
--- | --- | --- | --- | --- | --- | --- | ---
SHLF07LU_76XX | 60w | 7248 | 124 | 175w MH | 72 | 120 - 277V 50/60HZ, 347V/480V 60 Hz | 45°C
SHLF15LU_76XX | 115w | 13790 | 120 | 250w MH | 73 | | 45°C
HLHB Hi-Lumen LED

**Key Features**

1. Four (4) 12” Stainless steel sash chains for convenient access to the wiring compartment
2. Spring pressure connection terminal block
3. Interchangeable optics with 45, 60, 90 and 120 degree beam angle options
4. Field replaceable LED circuit boards, LED modules and drivers with quick disconnects
5. Four (4) safety cable attachment points

**LED high-bay lighting for hazardous locations**

**Additional Features**

- Chain/cable and surface mounting
- Emergency battery backup option
- 0-10V dimming, range 10-100%
- Standard 10kV surge protection
- 5-year warranty

**Classifications**

- Class I, Division 2, Groups A, B, C, & D
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 Hazardous Locations
- Emergency Battery Backup
- -40°C to 70°C Ambient Temperature

- CAN/CSA C22.2 No. 250.0-08
- CAN/CSA C22.2 No. 137-M1981
- NEMA 4X
- IP66
- DLC Listed Premium
- Tested to LM79 and LM80 standards

**Standard Materials**

- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: one-piece silicone
- Lens: polycarbonate
- Hardware: stainless steel

**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
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<th>Ambient Temperature</th>
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<tbody>
<tr>
<td>HLHB3LNXX</td>
<td>200W</td>
<td>31479</td>
<td>156</td>
<td>1000w MH</td>
<td>84</td>
<td>120 - 277V 50/60HZ, **</td>
<td>65°C*</td>
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<td>HLHB4LNXX</td>
<td>303W</td>
<td>46385</td>
<td>148</td>
<td>1000w MH</td>
<td>84</td>
<td>347V/480V 60 Hz</td>
<td>70°C*</td>
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<tr>
<td>HLHB5LNXX</td>
<td>346W</td>
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<td>150</td>
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<td>HLHB7LNXX</td>
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<td>84</td>
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</table>

* Cable/chain mount models. Ambient temperature of all EM models is 0°C < Tamb < 40°C.
** Data shown is for 347V/480V 60Hz models
SAFJ Hi-Lumen LED

Key Features
1. Wide distribution pattern with uplight
2. Field replaceable LEDs and drivers
3. Hinged mount for easy access to internal components
4. Isolated LED compartment reduces temperature within driver housing
5. Unique design enhances airflow for greater heat dissipation
6. Heavy-duty tempered glass lens
7. Type I, III and V light distribution options

LED area lighting for hazardous locations

Additional Features
- Pendant, ceiling, wall and stanchion mounting options
- Terminal block
- Mates directly to SAFJ and select competitor mounts
- Dimming option
- Optional stainless steel guard
- Standard 10kV surge protection
- 5-year warranty

Classifications
- Class I, Division 2, Groups A, B, C and D
- Class II, Divisions 1 and 2, Groups E, F and G
- Class III
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- Up to 65ºC ambient temperature
- CAN/CSA C22.2 No. 250.0-08
- CAN/CSA C22.2 No. 137-M1981

Standard Materials
- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: one-piece silicone
- Lens: borosilicate glass
- Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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<tbody>
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<td>160w</td>
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<td>125</td>
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<tr>
<td>SAFJ21L3UGXX</td>
<td>210w</td>
<td>26001</td>
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<td>1000W MH</td>
<td>84</td>
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<td>65ºC*</td>
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</tbody>
</table>

* 347/480V 60Hz models limited to -30ºC<Tamb<55ºC

Rig-A-Lite
**LHFL HIGH-/MID-BAY LED**

**Key Features**
1. High-performance precision optics system
2. Field-replaceable LED circuit boards and drivers with quick disconnects
3. Approved for high-ambient applications, up to 65°C
4. Two permanent safety cable retention points
5. Terminal block

**LED area lighting for hazardous locations**

**Additional Features**
- Dual hub entries, feed-through cable
- Optional polycarbonate lens
- Standard 10kV surge protection
- 5-year warranty

**Classifications**
- Class I, Division 2, Groups A, B, C and D
- Class II, Divisions 1 and 2, Groups E, F and G
- Class III
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- -20°C to 65°C ambient temperature (Class I, Division 2)
- -20°C to 55°C ambient temperature (Class II, Divisions 1 and 2, Class III)

**Standard Materials**
- Body: A360 aluminum (less than 4% copper content) with baked-on gray epoxy finish
- Gaskets: silicone
- Lens: tempered glass
- Hardware: stainless steel

**Model** | **Wattage** | **Lumens** | **Lumens per Watt** | **Comparable HID Luminaire** | **CRI** | **Operating Voltage** | **Ambient Temperature**
--- | --- | --- | --- | --- | --- | --- | ---
LHFL07L | 70w | 6919 | 106 | 175w MH | 72 | 120 - 277V 50/60HZ, 347V/480V 60 Hz | -20°C < Tamb < 55°C
LHFL15L | 130w | 13562 | 105 | 250w MH | 73 | -20°C < Tamb < 55°C
LHFL20L | 188w | 19518 | 104 | 400w MH | 75 | -20°C < Tamb < 55°C
**SHLF HIGH-/MID-BAY LED**

**Key Features**
1. High-performance precision optics system
2. Field-replaceable LED circuit boards and drivers with quick disconnects
3. Permanent safety cable retention points
4. Separate LED/driver chambers for maximum heat dissipation
5. Terminal block

**Stainless steel LED area lighting for hazardous locations**

**Additional Features**
- 3/4” NPT hub(s)
- Optional polycarbonate lens
- Pendant mount available
- Ceiling mount available
- Standard 10kV surge protection
- 5-year warranty

**Classifications**
- Class I, Division 2, Groups A, B, C and D
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- Up to 45°C ambient temperature
- CAN/CSA C22.2 No. 250.0-08
- CAN/CSA C22.2 No. 137-M1981
- NEMA 4X
- IP66
- Tested to LM79 and LM80 standards

**Standard Materials**
- Body: type 304 stainless steel (optional type 316)
- Gaskets: silicone
- Lens: tempered glass (optional polycarbonate)
- Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHLF07LU_76XX</td>
<td>60w</td>
<td>7248</td>
<td>124</td>
<td>175w MH</td>
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<td>250w MH</td>
<td>73</td>
<td></td>
<td>45°C</td>
</tr>
</tbody>
</table>
SAFR LED

Key Features
1. Optics feature wide distribution pattern with uplight
2. Hinged mount for access to internal components
3. Field-replaceable LED circuit boards and drivers with quick disconnects
4. Clear or diffused lens options
5. Low profile
6. No external fins

LED area lighting for hazardous locations

Additional Features
- Pendant, ceiling, wall, cone and stanchion mounting options
- Terminal block
- Dimming option
- Optional prismatic refractors
- Optional adapter ring mates to select competitor mounts
- Optional stainless steel threaded inserts
- Optional stainless steel guard
- Standard 10kV surge protection
- 5-year warranty

Classifications
- Class I, Division 2, Groups A, B, C and D
- Class II, Divisions 1 and 2, Groups E, F and G
- Class III
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- Up to 55ºC ambient temperature
- NEMA 4X

Standard Materials
- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: one-piece silicone
- Lens: borosilicate glass
- Hardware: stainless steel
- ABS type approved
- IP66
- DLC listed
- cUL listed
- LM79 and LM80
- 2.36 spacing criteria-compliant

Model Wattage Lumens Lumens per Watt Comparable HID Luminaire CRI Operating Voltage Ambient Temperature
SAFR09L2ULCXX 70w 6796 103 175w MH 74 120 - 277V 50/60HZ 55ºC
SAFR11L2ULCXX 96w 9570 104 250w MH 75 120 - 277V 50/60HZ 55ºC
Field-replaceable LED boards and drivers maximize service life
SAFJ LED

Key Features
1. Low profile and compact design
2. Wide distribution pattern with uplight
3. Field-replaceable LED circuit boards and drivers with quick disconnects
4. Hinged mount for access to internal components
5. Clear or diffused lens options
6. No external fins

LED area lighting for hazardous locations

Additional Features
- Pendant, ceiling, wall and stanchion mounting options
- Terminal block
- Dimming option
- Mates directly to select competitor mounts
- Optional stainless steel threaded inserts
- Optional stainless steel guard
- Standard 10kV surge protection
- 5-year warranty

Classifications
- Class I, Division 2, Groups A, B, C and D
- Class II, Division 1, Groups E, F and G
- Class III
- UL 1598A marine outside type
- UL 8750 LED safety
- UL 844 hazardous locations
- Up to 55°C ambient temperature
- NEMA 3R, 4X
- ABS type approved
- IP66
- DLC listed

- Tested to LM79 and LM80
- 1.30 spacing criteria-compliant

Standard Materials
Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
Gaskets: one-piece silicone
Lens: borosilicate glass or polycarbonate
Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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<tbody>
<tr>
<td>SAFJ03L2ULCXX</td>
<td>30w</td>
<td>3059</td>
<td>109</td>
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<td>SAFJ06L2ULCXX</td>
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<td>100w MH</td>
<td>74</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
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</tbody>
</table>
XHBF LED

Key Features
1. Low profile body, less than 7” high
2. Interchangeable optics with Type I, III, V, medium, wide, narrow and very narrow distribution options
3. Spring pressure connection terminal block
4. Field replaceable LED circuit boards and drivers with quick disconnects
5. Optional trunnion mount with five locking positions in 15 degree increments
6. Two (2) safety cable attachment points with optional eye-bolts

Explosionproof LED Area Lighting

Additional Features
- Certified for hydrogen atmospheres (group B)
- Emergency Battery Backup option with switching capability
- Mates directly to SXP/SXP1 HID mounts
- 0-10V dimming, range 10-100%
- Standard 10kV surge protection
- 5-year warranty

Classifications
- Class I, Division 1, Groups B, C & D
- Class II, Division 1, Groups E, F & G
- Class III
- Simultaneous Presence
- Class I, Zone 1 AEx db IIIB+H2 T4 Gb
- Class II, Zone 21 AEx tb IIIC 135°C Db
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- UL 8750 LED Safety
- UL 844 Hazardous Locations
- Emergency Battery Backup
- -40°C to 65°C Ambient Temperature
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981
- NEMA 4X
- ABS Type Approved
- IP66
- Tested to LM79 & LM80
- ATEX/IEC/EX approvals

Standard Materials
Body: A360 aluminum (less than 4% copper content) with baked-on gray epoxy finish
Gaskets: one-piece silicone
Lens: tempered glass
Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
<th>Operating Voltage/CRI</th>
<th>Ambient Temperature</th>
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<td>XHBF06L</td>
<td>60W</td>
<td>7094</td>
<td>105</td>
<td>175w MH</td>
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<td>120 - 277V 50/60HZ, 347V/480V 60 Hz</td>
<td>65°C</td>
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<td>XHBF08L</td>
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<td>8645</td>
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<td>XHBF09L</td>
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<td>XHBF15L</td>
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<td>98</td>
<td>400W-600W MH</td>
<td>74</td>
<td>65°C</td>
<td></td>
</tr>
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</table>
**SXPJ LED**

**Key Features**
1. Single-pin quick disconnect mount with double acme thread
2. Component access via single set screw
3. Field-replaceable LED circuit boards and drivers with quick disconnects
4. Wireless electromechanical terminal block

**Explosionproof LED area lighting**

**Additional Features**
- Standard, angle and high-bay reflector options
- Pendant, ceiling, wall, stanchion and trunnion mounting options
- Optional stainless steel guard
- Standard 10kV surge protection
- 5-year warranty

**Classifications**
- Class I, Division 1, Groups C and D
- Class II, Division 1, Groups E, F and G
- Class III
- Class I, Zone 1, Groups IIA and IIB
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- 55°C maximum ambient temperature
- NEMA 4X
- ABS type approved
- IP66
- Paint spray booth
- DLC listed

- cUL listed
- LM79 and LM80
- 2.34 spacing criteria-compliant
- ATEX/IEC/EX approvals

**Standard Materials**
Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
Gaskets: one-piece silicone
Lens: borosilicate glass
Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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<td>50w</td>
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<tr>
<td>SXPJ09L2UGXX</td>
<td>70w</td>
<td>6313</td>
<td>97</td>
<td>175w MH</td>
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<td>55°C</td>
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<tr>
<td>SXPJ1IL2UGXX</td>
<td>96w</td>
<td>8829</td>
<td>94</td>
<td>250w MH</td>
<td>73</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
</tbody>
</table>
**XML LED**

**Key Features**
1. Low-profile, lightweight design
2. Convenient wiring access through screw-cap cover with toolless, cage-clamp terminal block
3. Self-contained emergency battery back-up, no additional junction box required
4. Heavy-duty, 7/16”-thick die-cast safety cable attachment points
5. Replaceable LED circuit boards and drivers with quick disconnects
6. Adjustable mounting bracket with 90° range of motion and 13 locking positions

**Additional Features**
- Central safety cable attachment points for increased safety/reduced range of motion
- Feed-through and pendant mount capable
- Diffused lens option
- Standard 10kV surge protection non EM models
- 4kV surge protection, EM models
- 5-year warranty

**Classifications**
- Class I, Division 1, Groups C and D
- Class I, Division 2, Groups C and D
- Class II, Division 1, Groups E, F and G
- Class III
- Simultaneous presence
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety

**Standard Materials**
- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gaskets: one-piece neoprene
- Lens: tempered glass
- Hardware: stainless steel

**XML LED Model Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable Fluorescent Luminaires</th>
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<th>Ambient Temperature</th>
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<tbody>
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<td>30w</td>
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<td>129</td>
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<td>82</td>
<td>120 - 277v 50/60 Hz</td>
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<tr>
<td>XML05LC2U</td>
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<td>4794</td>
<td>128</td>
<td>2 x 24w T5HO / 2 x 35w T12HO</td>
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<td>120 - 277v 50/60 Hz</td>
<td>55°C</td>
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<tr>
<td>XML06LC2U</td>
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<td>45w</td>
<td>6139</td>
<td>135</td>
<td>3 x 24w T5HO / 2 x 35w T12HO</td>
<td>82</td>
<td>120 - 277v 50/60 Hz</td>
<td>55°C</td>
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<tr>
<td>XML07LC2U</td>
<td>4-ft</td>
<td>54w</td>
<td>7291</td>
<td>134</td>
<td>3 x 24w T5HO / 2 x 35w T12HO</td>
<td>82</td>
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<tr>
<td>XML09LC4U</td>
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<td>75w</td>
<td>9290</td>
<td>130</td>
<td>2 x 54w T5HO / 2 x 60w T12HO</td>
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<td>60°C</td>
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<td>XML14LC4U</td>
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<td>90w</td>
<td>12253</td>
<td>140</td>
<td>3 x 54w T5HO / 3 x 60w T12HO</td>
<td>82</td>
<td>120 - 277v 50/60 Hz</td>
<td>60°C</td>
</tr>
</tbody>
</table>
XP LED

Key Features
1. Two permanent safety cable attachment points
2. Field-replaceable LED circuit boards and drivers with quick disconnects
3. Wiring access through screw-cap covers
4. Self-contained emergency battery back-up (optional)
5. Oversized, finned driver housing for greater heat dissipation
6. Factory sealed

Explosionproof LED lighting

Additional Features
- Shock-mount and beam clamp mounting options
- 2-, 3- or 4-tube versions available
- Dimming and outboard options
- 2.5kV surge protection
- 5-year warranty

Classifications
- Class I, Division 1, Groups C and D
- Class I, Division 2, Groups C and D
- Class II, Divisions 1 and 2, Groups E, F and G
- Class III
- Zone 1, Groups IIA and IIB
- Zone 2, Groups IIA, IIB and IIC
- Simultaneous Presence
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- UL 924 emergency lighting
- Emergency battery backup
- 55°C ambient temperature
- NEMA 3, 4, 4X, 7CD and 9EFG
- cUL Listed
- IP66
- Paint spray booth
- DLC listed
- Tested to LM79 and LM80

Standard Materials
Body: A361 aluminum (less than .4% copper content)
Reflector: 6063T5 aluminum (less than .4% copper content) with baked-on white epoxy finish
Lens: borosilicate glass
Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>No. Tubes</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable Fluorescent Luminaire</th>
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<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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<td>84</td>
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<td>2725</td>
<td>68</td>
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<td>2 x 32w T8 / 2 x 48w T12HO</td>
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<td>3 x 32w T8 / 3 x 48w T12HO</td>
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<td>4 x 32w T8 / 4 x 48w T12HO</td>
<td>84</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
</tbody>
</table>
MAR2 LED

Key Features
1. Heavy-duty .094"-thick extruded housing
2. Permanent safety cable attachment points
3. Two 3/4" NPT conduit hubs
4. 360° mounting flexibility
5. Field-replaceable LED circuit boards and drivers with quick disconnects
6. Toolless entry via twist-lock latches
7. Watershed design

Additional Features
- Offset mounting bracket enables flush mounting
- Dimmable driver
- Low-profile design
- Optional pre-wired feed-through
- Standard 10kV surge protection
- 5-year warranty

Classifications
- Class I, Division 2, Groups A, B, C and D
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- 55°C ambient temperature
- CSA C22.2 #250.0-08
- CSA C22.2 #137-M1981
- NEMA 4X
- DLC listed
- Tested to LM79 and LM80

Standard Materials
- Body: 5052-H32 aluminum (less than .4% copper content)
- Gasket: one-piece silicone
- Lens: acrylic
- Latches: stainless steel
- Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
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<td>82</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
</tbody>
</table>
Engineered for easier installation, reduced maintenance and increased safety
**MHD2 LED**

**Key Features**

1. Heavy-duty 3/16”-thick housing, reinforced to 3/8” at hub openings
2. Impact-resistant 1/8”-thick lens with reinforced corners
3. Component-assembly tray held captive by two nylon-coated, stainless steel cables
4. Toolless, cage-clamp terminal block
5. Two 3/4” NPT conduit hubs reinforced with 1/16” grounding plate and locknuts
6. Field-replaceable LED circuit boards and drivers with quick disconnects
7. Toolless entry via over-the-center cam latches

**Addition Features**

- Vibration dampening, factory-installed mounting feet
- Dimmable driver
- Optional polycarbonate lens
- Stainless steel 45°, fixed-wall mounting kit available
- Standard 10kV surge protection
- 5-year warranty

**Classifications**

- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- UL 924 emergency lighting
- 55°C ambient temperature
- CSA C22.2 #250.0-08

**Non-metallic linear LED lighting for hazardous locations**

**Standard Materials**

Body: fiberglass-reinforced PET resin
Gasket: one-piece silicone
Lens: acrylic
Hubs (2): A360 aluminum (less than .4% copper content)
Component tray: 5052-H32 aluminum (less than .4% copper content)
Latches: stainless steel
Mounting feet: stainless steel
Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable Fluorescent Luminaires</th>
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<td>120 - 277V 50/60HZ</td>
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<td>MHD209L24UXX</td>
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<td>9610</td>
<td>137</td>
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<td>4-ft</td>
<td>80w</td>
<td>11223</td>
<td>148</td>
<td>2 x 54w T5HO / 2 x 48w T12HO</td>
<td>82</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
</tbody>
</table>
### MHDS LED

#### Key Features

1. Heavy-duty, continuous-seam-welded 1/16"-thick housing
2. Captive, impact-resistant 1/8"-thick lens with reinforced corners
3. Component-assembly tray held captive by two nylon-coated stainless steel cables
4. Toolless, cage-clamp terminal block
5. Two 3/4" NPT conduit hubs
6. Field-replaceable LED circuit boards and drivers with quick disconnects
7. Toolless entry via over-the-center cam latches

#### Additional Features

- Vibration dampening, factory-installed mounting feet
- Dimmable driver
- Optional polycarbonate lens
- Stainless steel 45° fixed-wall mounting kit available
- Standard 10kV surge protection
- 5-year warranty

#### Classifications

- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- UL 924 emergency lighting
- cUL listed

#### Standard Materials

- Body: type 304 stainless steel (optional type 316)
- Gasket: one-piece silicone
- Lens: acrylic
- Hubs (2): A360 aluminum (less than .4% copper content)
- Component tray: 5052-H32 aluminum (less than .4% copper content)
- Latches: stainless steel
- Mounting feet: stainless steel
- Hardware: stainless steel
- 55° C ambient temperature
- ABS type approved
- IP66
- 1.26 spacing criteria-compliant

#### Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable Fluorescent Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHDS07L24UXXX</td>
<td>4-ft</td>
<td>54w</td>
<td>7215</td>
<td>140</td>
<td>2 x 54w T5HO / 2 x 48w T12HO</td>
<td>82</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
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<tr>
<td>MHDS09L24UXXX</td>
<td>4-ft</td>
<td>72w</td>
<td>9610</td>
<td>137</td>
<td>2 x 54w T5HO / 2 x 48w T12HO</td>
<td>82</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
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<tr>
<td>MHDS11L24UXXX</td>
<td>4-ft</td>
<td>80w</td>
<td>11223</td>
<td>148</td>
<td>2 x 54w T5HO / 2 x 48w T12HO</td>
<td>82</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
</tbody>
</table>
MHDA LED

**Key Features**

1. Heavy-duty, continuous-seam-welded 1/16"-thick housing
2. Impact-resistant 1/8"-thick lens with reinforced corners
3. Component-assembly tray held captive by two nylon-coated, stainless steel cables
4. Toolless, cage-clamp terminal block
5. Two 3/4" NPT conduit hubs
6. Field-replaceable LED circuit boards and drivers with quick disconnects
7. Toolless entry via over-the-center cam latches

**Additional Features**

- Vibration dampening, factory-installed mounting feet
- Dimmable driver
- Optional polycarbonate lens
- Stainless steel 45°, fixed-wall mounting kit available
- Standard 10kV surge protection
- 5-year warranty

**Classifications**

- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- Zone 2, Groups IIA, IIB and IIC
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- UL 924 emergency lighting
- 55°C ambient temperature

**Standard Materials**

- Body: 5052-H32 aluminum (less than .4% copper content) with baked-on white epoxy finish
- Gasket: one-piece silicone
- Lens: acrylic
- Hubs (2): A360 aluminum (less than .4% copper content)
- Component tray: 5052-H32 aluminum (less than .4% copper content)
- Latches: stainless steel
- Mounting feet: stainless steel
- Hardware: stainless steel

---

### Rig-A-Lite

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable Fluorescent Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHDA07L24UXX</td>
<td>4-ft</td>
<td>54w</td>
<td>7215</td>
<td>140</td>
<td>2 x 54w T5HO / 2 x 48w T12HO</td>
<td>82</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
<tr>
<td>MHDA09L24UXX</td>
<td>4-ft</td>
<td>72w</td>
<td>9610</td>
<td>137</td>
<td>2 x 54w T5HO / 2 x 48w T12HO</td>
<td>82</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
<tr>
<td>MHDA11L24UXX</td>
<td>4-ft</td>
<td>80w</td>
<td>11223</td>
<td>148</td>
<td>2 x 54w T5HO / 2 x 48w T12HO</td>
<td>82</td>
<td>120 - 277V 50/60HZ</td>
<td>55°C</td>
</tr>
</tbody>
</table>
Hazardous location expertise and technical support ensure optimal product selection for each environment.
Debris-shedding LED area lighting for harsh environments

**FPHB LED**

**Key Features**
1. Sleek, debris-shedding design with drip edge
2. High-pressure hose tested to 1,500 PSI
3. NSF approved finish
4. Field-replaceable LED circuit boards and drivers with quick disconnects
5. Drop lens for increased uplight

**Debris-shedding LED area lighting for harsh environments**

**Additional Features**
- Optional emergency luminaire, 3 hour minimum
- 0-10% dimming option
- Optional anti-microbial cord
- 85 CRI on certain models
- Standard 10kV surge protection
- 5-year warranty

**Classifications**
- UL 1598 wet locations
- UL 8750 LED safety
- UL 924 emergency lighting
- NSF-certified food equipment
- NEMA 4X
- IP66
- IP69K
- 1500 PSI hose-down
- 200-hour salt spray tested
- Natatorium rated
- DLC Listed (not all models listed. See DLC QPL for more information)

**Standard Materials**
Body: A360 aluminum (less than .4% copper content) with baked-on epoxy finish
Gasket: silicone
Lens: prismatic polycarbonate
Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
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<tbody>
<tr>
<td>FPHB12LUXX-85</td>
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<td>14150</td>
<td>106</td>
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<td>FPHB15LUXX</td>
<td>160w</td>
<td>17586</td>
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<td>400w-600w MH</td>
<td>86</td>
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<td>FPHB20LUXX</td>
<td>205w</td>
<td>23750</td>
<td>116</td>
<td>750w MH</td>
<td>84</td>
<td>55°C</td>
<td></td>
</tr>
</tbody>
</table>

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Rig-A-Lite
FPF LED

**Key Features**

1. Patented liquid- and debris-shedding design
2. Dual gasket seals (patent pending)
3. High-pressure hose tested to 1,500 PSI
4. 3’ #16 AWG 3 conductor cable and cord grip
5. Single-bolt access to components
6. Optional quick disconnect 3P plug and receptacle with 6’ cord
7. Field-replaceable LED circuit boards and drivers with quick disconnects

**Additional Features**

- Diffused lens
- Heavy-duty extruded aluminum LED tray
- Optional emergency battery back-up with EM markings
- Optional stainless steel end caps
- Optional dimmable driver
- Standard 10kV surge protection
- 5-year warranty

**Classifications**

- UL 1598 wet locations
- UL 8750 LED safety
- -20ºC to 35ºC ambient temperature
- CSA C22.2 No. 250.0-08
- NSF-certified food equipment
- NEMA 4X
- IP69K
- DLC listed
- LM79 and LM80

**Standard Materials**

- Body/lens: DR acrylic
- LED tray: 6063-T5 aluminum
- Driver cover: 3105 H24 aluminum
- End caps: polycarbonate
- Gaskets: silicone
- Diffuser: acrylic
- Hardware: stainless steel

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**FPF LED Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Wattage</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>Comparable Fluorescent Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPF04L2U</td>
<td>2-ft</td>
<td>33w</td>
<td>4169</td>
<td>128</td>
<td>2 X 24w TSHO</td>
<td>86</td>
<td>120V - 277V 50/60 Hz</td>
<td>-20ºC &lt; Tamb &lt; 40ºC</td>
</tr>
<tr>
<td>FPF07L4U</td>
<td>4-ft</td>
<td>65w</td>
<td>8337</td>
<td>128</td>
<td>2 X 54w TSHO</td>
<td>86</td>
<td>120V - 277V 50/60 Hz</td>
<td>-20ºC &lt; Tamb &lt; 35ºC</td>
</tr>
<tr>
<td>FPF14L8U</td>
<td>8-ft</td>
<td>130w</td>
<td>16674</td>
<td>128</td>
<td>4 X 54w TSHO</td>
<td>86</td>
<td>120V - 277V 50/60 Hz</td>
<td>-20ºC &lt; Tamb &lt; 35ºC</td>
</tr>
</tbody>
</table>

---

Key Features:

1. Patented liquid- and debris-shedding design
2. Dual gasket seals (patent pending)
3. High-pressure hose tested to 1,500 PSI
4. 3’ #16 AWG 3 conductor cable and cord grip
5. Single-bolt access to components
6. Optional quick disconnect 3P plug and receptacle with 6’ cord
7. Field-replaceable LED circuit boards and drivers with quick disconnects
WFH LED

Key Features

1. Water-/debris-shedding housing design
2. Heavy-duty, continuous-seam-welded, 1/16”-thick housing
3. NSF-certified finish
4. Lens frame held captive by two nylon-coated stainless steel cables
5. Field-replaceable LED circuit boards and drivers with quick disconnects
6. Dual 1/2” NPT or single 3/4” NPT conduit hubs

Additional Features

- Captive hardware
- Optional hinged lens frame
- Pendant and cable mounting options
- Dimmable driver
- Meets USDA poultry inspection requirements
- Standard 10kV surge protection
- 5-year warranty

Classifications

- Class I, Division 2, Groups A, B, C, and D
- Class II, Division 2, Groups F and G
- Class III
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- NSF-certified food equipment
- NEMA 4X
- cUL listed
- DLC listed

Standard Materials

- Body: 5052-H32 aluminum (less than .4% copper content) with baked-on white epoxy finish
- Gaskets: one-piece silicone
- Lens: clear acrylic, prismatic acrylic or clear polycarbonate
- Hubs: A360 aluminum (less than .4% copper content)
- Hardware: stainless steel

WFH LED Key Features

1. Water-/debris-shedding housing design
2. Heavy-duty, continuous-seam-welded, 1/16”-thick housing
3. NSF-certified finish
4. Lens frame held captive by two nylon-coated stainless steel cables
5. Field-replaceable LED circuit boards and drivers with quick disconnects
6. Dual 1/2” NPT or single 3/4” NPT conduit hubs

High-bay lighting for hazardous and wet locations

WFH150244SCA 4-ft 149w 14112 95 4 X 54w T5HO / 6 X 32w T8 83 120V - 277V 50/60 Hz, 347V/480V 60Hz -20°C < Tamb < 50°C

WFH150244SPA 4-ft 149w 13090 88 4 X 54w T5HO / 6 X 32w T8 83 120V - 277V 50/60 Hz, 347V/480V 60Hz -20°C < Tamb < 50°C
Durable design and high-quality materials deliver exceptional illumination year after year in the most punishing environments.
AVPH LED

Key Features
1. Compact luminaire with high lumen output
2. Rugged 5/32"-thick housing
3. Glare-reducing frosted globe
4. Field-replaceable LED circuit boards and drivers with quick disconnects
5. Standard protective guard

LED globe and guard lighting for hazardous locations

Additional Features
• Ceiling, pendant and wall mounting options
• No external fins
• Optional dimming driver
• 5-year warranty

Classifications
• Class I, Division 2, Groups A, B, C and D
• Zone 2, Groups IIA, IIB and IIC
• UL 1598A marine outside type
• UL 1598 wet locations
• UL 8750 LED safety
• UL 844 hazardous locations
• -20°C to 40°C ambient temperature
• NEMA 3, 4 and 4X
• cUL listed
• ABS type approved

Standard Materials
Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
Guard: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
Gasket: one-piece silicone
Lens: borosilicate glass
Hardware: stainless steel

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Lumens (with frosted globe and guard)</th>
<th>Lumens per Watt</th>
<th>Comparable HID Luminaire</th>
<th>CRI</th>
<th>Operating Voltage</th>
<th>Ambient Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVPH18LUHFGXX</td>
<td>18w</td>
<td>1598</td>
<td>90</td>
<td>42w CFL</td>
<td>83</td>
<td>120 - 277V 50/60HZ</td>
<td>40°C</td>
</tr>
</tbody>
</table>
BVP LED

Key Features
1. Compact luminaire with high lumen output
2. Rugged 5/32”-thick housing
3. Glare-reducing frosted globe
4. Field-replaceable LED circuit boards and drivers with quick disconnects
5. Standard protective guard

Brass LED globe and guard lighting for marine and wet environments

Additional Features
• Ceiling, pendant and wall mounting options
• No external fins
• Optional dimming driver
• 5-year warranty

Classifications
• UL 1598A marine outside type
• UL 1598 wet locations
• UL 8750 LED safety
• -20°C to 25°C ambient temperature
• NEMA 3, 4 and 4X
• ABS type approved
• cUL listed

Standard Materials
Body: marine brass
Guard: marine brass
Gasket: one-piece silicone
Lens: borosilicate glass
Hardware: stainless steel

Model Wattage Lumens (with frosted globe and guard) Lumens per Watt Comparable HID Luminaire CRI Operating Voltage Ambient Temperature
BVP18LUHFGX 18w 1598 90 42w CFL 83 120 - 277V 50/60Hz 25°C
**XPEL LED/XPEH LED**

### Key Features
1. Two adjustable high-lumen spotlights
2. Independent battery back-up system for exit signs and spotlights
3. Unit can power up to two optional remote spotlights
4. Field-replaceable LED circuit boards and drivers with quick disconnects
5. Emergency battery back-up integral to sign (no additional enclosure required)
6. 3-hour emergency operation
7. Edge-lit sign

### Explosionproof LED emergency light and exit sign

### Additional Features
- Captive, hinged-access door
- Wide- and narrow-beam optics available
- Separate push-to-test and pilot light for local and remote heads
- Separate sealed NiCad batteries for exit sign
- Alternate exit legend and languages available
- Single- or double-sided option
- Three 1" NPT hubs
- Red or green LED options

### Classifications
- Class I, Division 1, Groups C and D
- Class II, Division 1, Groups E, F and G
- Class III
- Zone 1, Groups IIA and IIB
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- UL 924 emergency lighting
- 10°C to 35°C ambient temperature (XPEH green)
- 10°C to 45°C ambient temperature (XPEH red)
- NEMA 4X
- IP65

### Standard Materials
- Body: A360 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: one-piece neoprene
- Sign: acrylic
- Hardware: stainless steel
**XPS LED/XPEX LED**
**HLEX LED/HLS LED**

**Key Features**
1. Emergency battery back-up integral to sign (no additional enclosure required)
2. 3-hour emergency operation
3. Optional battery back-up self-diagnostic feature
4. Field-replaceable LED circuit boards and drivers with quick disconnects
5. Edge-lit sign

**Explosionproof LED lighting**

**Additional Features**
- Wall, pendant and end mounting options
- Custom colors and languages available
- Single- or double-sided option
- Sealed NiCad batteries
- Three 1/2" NPT hubs
- Red or green LED options

**Classifications**
- Class I, Division 1, Groups C and D (XPS/XPEX)
- Class I, Division 2, Groups A, B, C and D (HLEX/HLS)
- Class II, Division 1, Groups E, F and G (XPS/XPEX)
- Class II, Division 2, Groups F and G (HLEX/HLS)
- Class III
- Class I, Zone 1, Groups II A and IIB (XPS/XPEX)
- Zone 2, Group II A, IIB + H2 and IIC (XPS/XPEX)
- UL 1598A marine outside type
- UL 1598 wet locations
- UL 8750 LED safety
- UL 844 hazardous locations
- UL 924 emergency lighting (XPEX)
- 40ºC ambient temperature (green) (XPS/XPEX)
- 55ºC ambient temperature (red) (XPS/XPEX)
- 40ºC ambient temperature (green) (HLEX/HLS)
- 55ºC ambient temperature (red) (HLEX/HLS)
- IP65

**Standard Materials**
- Body: A356T6 aluminum (less than .4% copper content) with baked-on gray epoxy finish
- Gasket: one-piece silicone
- Sign: acrylic
- Hardware: stainless steel

• NFPA 70- and NFPA 101-compliant