

# HAZARDOUS & HEAVY INDUSTRIAL LIGHTING SOLUTIONS

Durable Lighting Built to Perform



**PHOENIX®**  
DURABILITY X DESIGN™

## 80+ Years of Proven Durability | U.S.-Based Manufacturing | Customer-Driven Innovation

From a small Milwaukee, WI shop in the 1940s to a global leader in hazardous-location and heavy-industrial lighting, Phoenix has never stopped building tougher, smarter fixtures. Today, our 70,000-square-foot U.S. headquarters and factory still design, engineer, test, and manufacture lighting solutions of unmatched quality, durability, and performance that our customers demand.

### High-Performance Fixtures for Hazardous and Heavy Industrial Environments



#### Built to Outlast

'Durability by Design' DNA: Rigorous thermal, rain, and vibration testing, potted drivers, best-in-class materials, premium finishes — fixtures that outlast expectations where others fail.



#### Fast, Predictable Delivery

Milwaukee-based HQ and world-class inventory management, ensure quick delivery so projects stay on schedule and costs remain low.



#### Expert Lighting Design

Our engineers deliver fast, precise photometric layouts showing real footcandles, spacing and glare control — new builds or retrofits, we get it right the first time.



#### Smarter, Specifications-Driven Solutions

Fixtures certified for the toughest hazardous and heavy location standards (UL844, ABS, IP66/67, IK08, and more), we can configure optics, mounts, CCTs, and voltage to hit your exact needs.



#### Real Support, Real People

One call reaches dedicated, U.S.-based reps and in-house support who know your project and lighting needs, providing exceptional customer service.



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## Hazardous-Rated Lighting — Built for Safety

Phoenix Lighting delivers one of the industry's broadest portfolios of UL844-certified fixtures engineered to operate safely where flammable gases, combustible dusts, or ignitable fibers create risk.

### Quick Reference Guide to Classifications

#### Classes — What's in the air?

- **Class I:** Flammable gases or vapors (e.g., hydrogen, methane, propane)
- **Class II:** Combustible or conductive dusts (e.g., coal, grain, metal dust)
- **Class III:** Ignitable fibers or flyings (e.g., textiles, wood chips, nylon)

#### Divisions — How likely is ignition?

- **Division 1:** Hazard is normally present during everyday operation
- **Division 2:** Hazard exists only under abnormal or fault conditions

#### Groups (within Classes I & II)

Further subdivide materials by ignition energy and explosion pressure (A-D for gases, E-G for dusts).

TYPE	SUBSTANCE	CLASSIFICATION	TYPICAL ENVIRONMENTS
Class I	Flammable gases, vapors, or liquids	Division 1 (Hazard Likely)	<ul style="list-style-type: none"><li>• Oil Refineries</li><li>• Chemical Plants</li><li>• Paint Warehouses</li><li>• Offshore Oil Rigs</li><li>• Painting Facilities</li></ul>
		Division 2 (Hazard Not Likely)	
Class II	Combustible Dusts	Division 1 (Hazard Likely)	<ul style="list-style-type: none"><li>• Coal Facilities</li><li>• Grain Silos</li><li>• Storage/Processing Facilities</li><li>• Metal Facilities</li><li>• Land-Based Drilling Rigs</li></ul>
		Division 2 (Hazard Not Likely)	
Class III	Ignitable Fibers & Flyings	Division 1 (Hazard Likely)	<ul style="list-style-type: none"><li>• Paper Mills</li><li>• Textile Mills</li><li>• Woodworking Facilities</li><li>• Grain Processing Facilities</li><li>• Sawmills</li></ul>
		Division 2 (Hazard Not Likely)	

# HAZARDOUS INDUSTRIAL

Every Phoenix hazardous-location fixture is purpose-built and third-party certified to the exact Class, Division, and Group your environment demands — giving engineers, safety managers, and operators complete confidence that the light will never become the spark.

From Class I Div 1 explosion-proof floodlights to Class II Div 1 high bays and everything in between, we have the right solution ready when safety can't be compromised.

# FLOOD & AREA LIGHTING

## ModCom® 3 Series

Heavy-duty, UL844 hazardous-rated floodlight engineered to withstand excessive impact, vibration, and saltwater environments. Ideal for extreme environments commonly found in industrial, marine and mining applications. Available in three constructions: ModCom 3 LO, ModCom 3 HI, and ModCom 3 MAX.



### Key Specifications

Electrical	<ul style="list-style-type: none"> <li><b>Voltages:</b> 120-277VAC; 277-480VAC</li> <li><b>Input Power:</b> 121W; 231W; 438W</li> <li><b>Lumens:</b> 15,000; 30,000; 52,500</li> <li><b>CCT:</b> 5000K; 4000K; Amber</li> </ul>
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Construction	<ul style="list-style-type: none"> <li><b>Mounting:</b> Indexed aiming and lockable in 5° increments</li> <li><b>Lens:</b> Clear, tempered glass</li> <li><b>Optics:</b> Many options, refer to specification sheet</li> </ul>
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Compliances	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division 2</li> <li>Class II, Division 2</li> <li>Class III</li> </ul> </li> </ul>
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Warranty	Five years
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■ **20kV Surge Protection:** Standard on all units to protect from lightning and high transient spikes.

■ **Over-Heating Protection:** LED board sensor automatically dims fixture when the LEDs are experiencing excessive heat caused by debris or other environmental factors.

■ **6G Vibration Rated:** Withstands constant movement while maintaining performance.

■ **No Glare Optics:** Minimize glare to surrounding operators, increasing visibility and safety.

■ **High Efficacy:** Delivers up to 140 LPW.

■ **Ambient Operating Temperature:** Rated up to 65°C for extreme heat tolerance.

■ **Quick Wiring Access:** Easily accessible wiring access allows for fast installation while maintaining an environmental seal.

■ **IK10 Rated:** Withstands significant impact while maintaining performance.

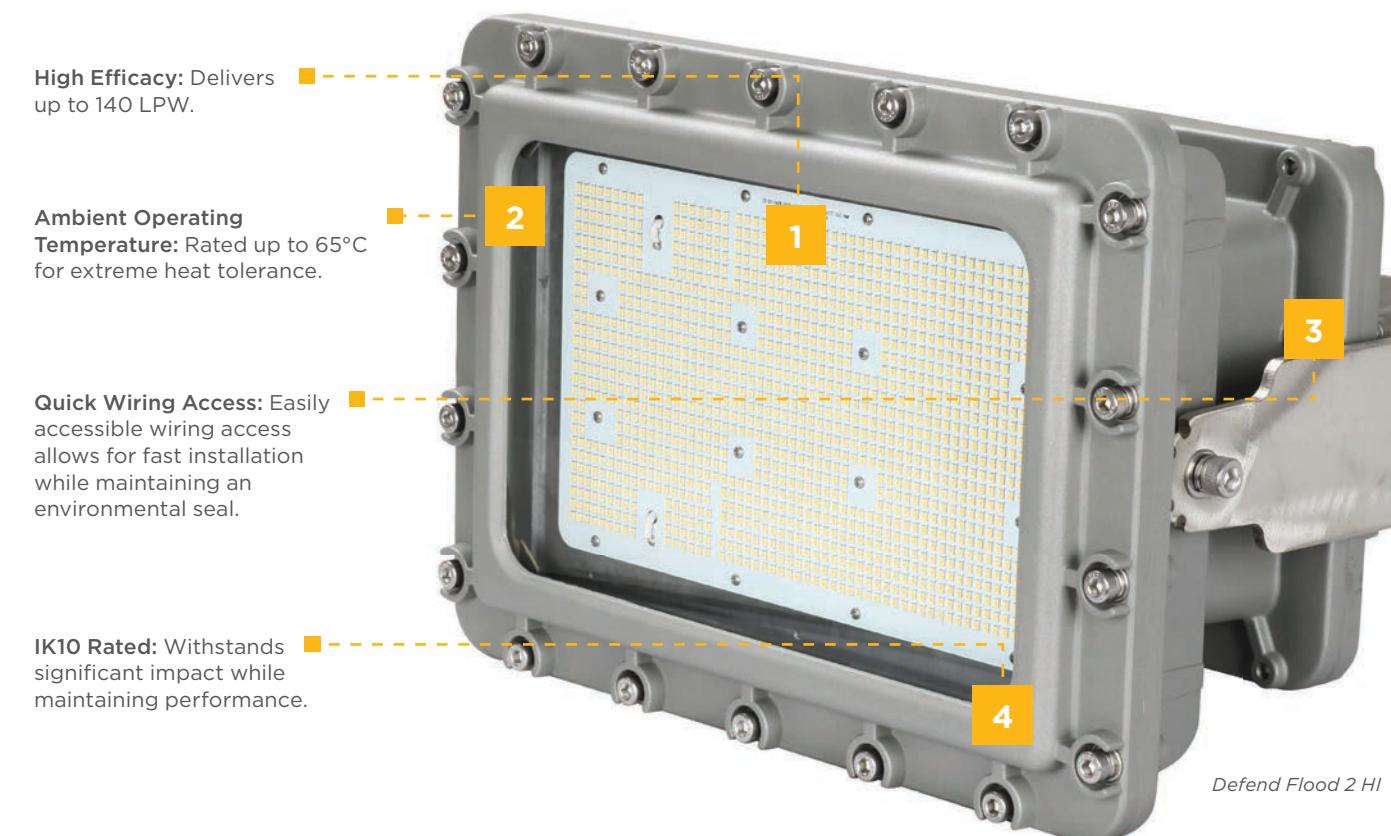
### Key Specifications

Electrical	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-277VAC; 277-480VAC</li> <li><b>Input Power:</b> 40W; 60W; 100W; 200W</li> <li><b>Lumens:</b> 5,600; 8,400; 14,000; 28,000</li> <li><b>CCT:</b> 5000K; 4000K; 3000K</li> </ul>
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Construction	<ul style="list-style-type: none"> <li><b>Mounting:</b> 316 stainless-steel ceiling/wall bracket. Pendant mount capable</li> <li><b>Lens:</b> Clear, tempered glass</li> <li><b>Optics:</b> 60° or 120°</li> </ul>
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Compliances	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division 1</li> <li>Class I, Division 2</li> <li>Class II, Division 1</li> <li>Class II, Division 2</li> <li>Class III</li> </ul> </li> </ul>
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Warranty	Five years
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## Defend Flood™ 2 Series

This UL844 Class I, Division 1 explosion-proof flood light offers a range of voltage, lumen, and mounting options, delivering reliable illumination across many uses cases in demanding industrial settings. Available in two constructions: Defend Flood 2 LO and Defend Flood 2 HI.

# FLOOD & AREA LIGHTING

## Conquer™ Series Floodlight

This UL844 Class I, Division 2 hazardous-rated LED low-bay performs in high-heat environments up to 100°C while delivering 6,000 lumens at 60W. Versatile mounting and retrofit options allow for placement in harsh industrial settings such as steel mills, foundries, refineries and more.



**Versatile Mounting and Retrofit Options:** Multiple mounting accessories offer flexibility for retrofitting existing systems or new installations.

**High-Temperature Resilience:** Driver-onboard technology enables reliable performance in temperatures up to 100°C.

**Durable Construction:** Cast aluminum housing with corrosion-resistant powder coat finish and 316 stainless-steel hardware ensures longevity in harsh environments.

**Light Weight:** Weighing 12.1 lbs., installation is quick and easy.

### Key Specifications

**Electrical**

- Voltages: 120VAC or 277VAC
- Input Power: 60W
- Lumens: 6,000
- CCT: 5000K

**Construction**

- Mounting: Universal and stanchion (25° or 90°) brackets
- Retrofit top hat adapters available
- Lens: 10mm tempered glass

**Compliances**

- UL844 Hazardous Location:
  - Class I, Division 2
  - Class II, Division 2

**Warranty**

- One-, two- and five-year (based on ambient temperature)



## LED VP Series

Commonly referred to in the industry as a Jelly Jar, this popular vaporproof fixture is UL844 hazardous-rated, and ABS certified making it ideal for walkway, doorway, and perimeter lighting within industrial and marine environments. Available in aluminum or brass.

**Retrofit Capability:** Designed to replace 60W or 75W incandescent fixtures.

**Superior Construction:** Fully potted driver, encapsulated LED module, and corrosion-resistant materials withstand water, dust, and harsh elements.

**Ambient Operating Temperature:** From -30° to 40°C, ideal for extreme hazardous industrial and marine applications.

**Guard:** Constructed with corrosion-resistant aluminum, it shields the lens globe from impact.



### Key Specifications

**Electrical**

- Voltages: 120-277VAC; 24VDC option
- Input Power: 17W
- Lumens: Up to 1,900
- CCT: 5600K; 3000K

**Construction**

- Mounting: Wall or ceiling mount
- Globe: Various globe options available

**Compliances**

- UL844 Hazardous Location:
  - Class I, Division 2
  - Class II, Division 2

**Warranty**

- Five years

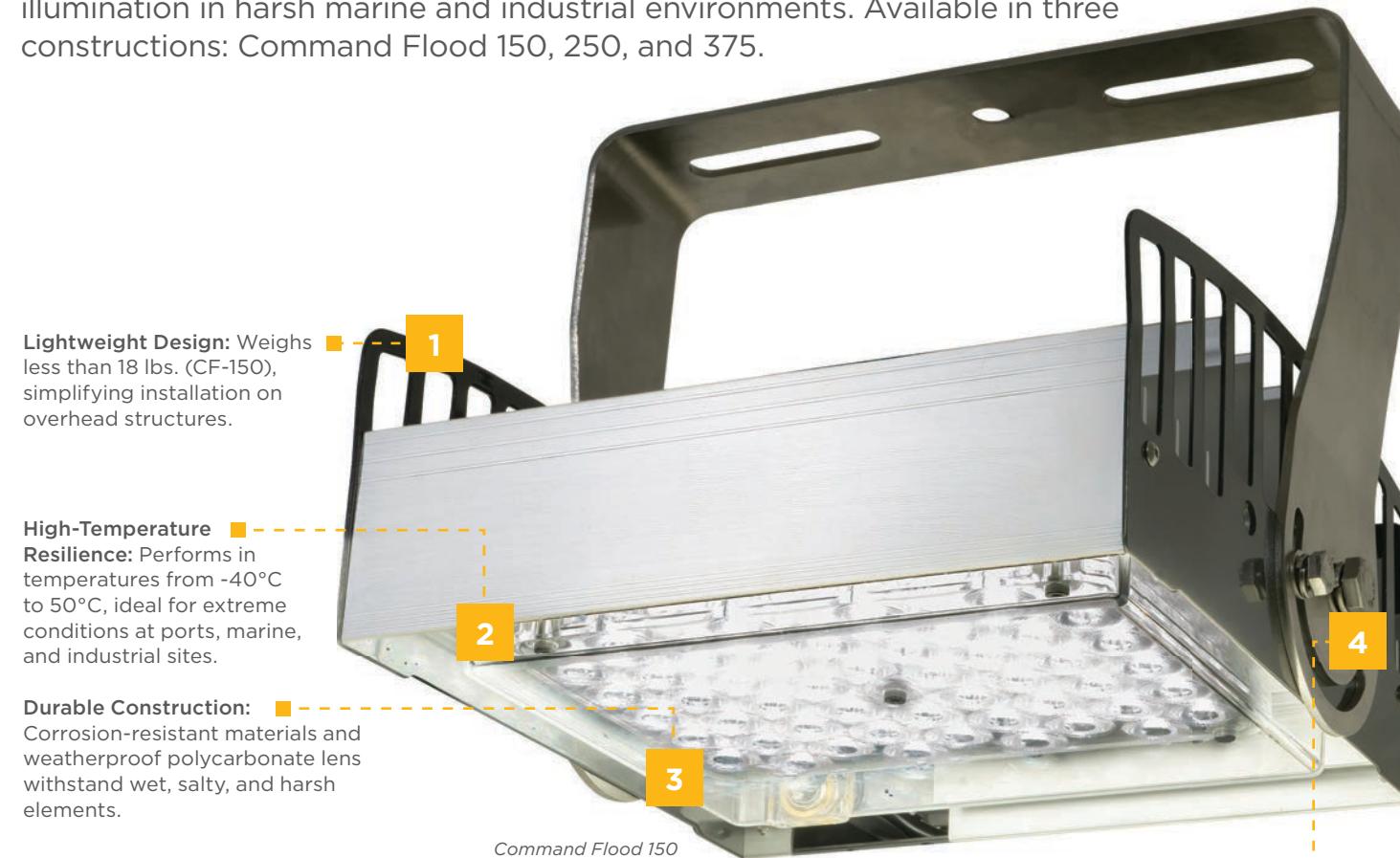
Aluminum LED VP



# FLOOD & AREA LIGHTING

## Command Flood® Series

This UL844 Class I, Division 2 hazardous-rated LED floodlight delivers 18,500-48,000 lumens (145W-360W) with versatile voltage and mounting options. Its marine-grade aluminum construction and IP66-rated design ensure reliable illumination in harsh marine and industrial environments. Available in three constructions: Command Flood 150, 250, and 375.



### Key Specifications

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Voltages:</b> 120-277VAC; 277-480VAC</li> <li><b>Input Power:</b> 145W; 240W; 360W</li> <li><b>Lumens:</b> 18,500; 32,000; 48,000</li> <li><b>CCT:</b> 5000K; 4000K; 2700K</li> </ul>
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<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Adjustable 316 stainless-steel bracket</li> <li><b>Lens:</b> Weatherproof, clear polycarbonate</li> <li><b>Optics:</b> Many options, see specification sheet</li> </ul>
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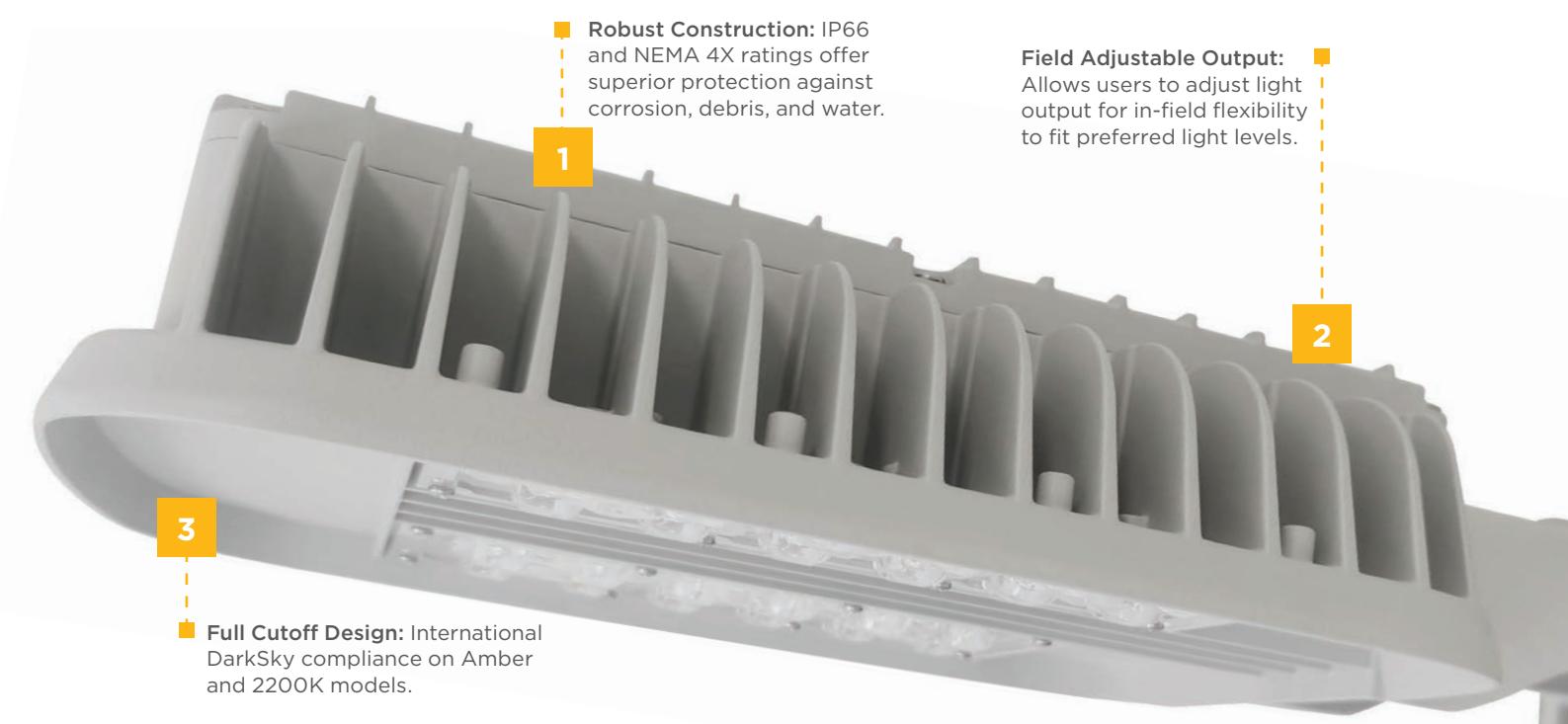
<b>Compliances</b>	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division 2</li> </ul> </li> </ul>
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<b>Warranty</b>	Five years
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## CVO 2

This field-adjustable LED area light delivers up to 11,000 lumens at 75W (adjustable to 100%, 75%, 50%, or 25%) with versatile voltage and mounting options. Rated UL844 Class I, Division 2, NEMA 4X, and DarkSky compliant, its marine-grade aluminum construction ensures reliable illumination in harsh marine, mining, and industrial environments.



### Key Specifications

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-277VAC; 277-480VAC</li> <li><b>Input Power:</b> Field adjustable output up to 75W</li> <li><b>Lumens:</b> 6,500; 8,000; 11,000</li> <li><b>CCT:</b> 5000K; 2200K; Amber</li> </ul>
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<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Wall or pole mount capable</li> <li><b>Lens:</b> Impact-resistant polycarbonate</li> <li><b>Optics:</b> Type II; Type III; Type V</li> </ul>
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<b>Compliances</b>	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division 2</li> <li>Class II, Division 2</li> <li>Class III</li> </ul> </li> </ul>
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<b>Warranty</b>	Five years
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# HIGH-BAY LIGHTING

## Guard Pro™ Series — MAX

Unleash up to 52,000 lumens of light in C1D2, C2D1, C2D2, and C3 environments. With its robust, IP66-sealed construction, it shrugs off corrosive vapors, high-pressure washdowns, dust and debris — delivering zero-compromise performance.

**Unmatched Versatility:** Multiple wattages, lens types, optics, voltages, CCTs, and mounting options let you dial in the perfect solution for any space.

**Rugged Exterior:** Die-cast aluminum construction with low copper content and 316 stainless-steel hardware built to withstand demanding environments.

**Vibration Resistance:** 1.5G rated to ANSI C136.31 standard — built to handle wind, traffic, or heavy machinery vibration without failure.

**High-Output Performance:** Delivers 39,000-52,000 lumens from 40 ft+ mounting heights, filling the high-lumen gap in hazardous-rated lighting.



### Key Specifications

#### Electrical

- **Voltages:** 120-277VAC; 277-480VAC
- **Input Power:** 300W; 350W; 400W
- **Lumens:** 39,000; 45,000; 52,000
- **CCT:** 5000K; 4000K; 3000K, Amber

#### Construction

- **Mounting:** Pendant, harp, stanchion, and hook mount
- **Lens:** Clear flat glass or polycarbonate
- **Optics:** 60° or 120°

#### Compliances

- **UL844 Hazardous Location:**
  - Class I, Division 2
  - Class II, Division 1
  - Class II, Division 2
  - Class III

#### Warranty

- Five years



# MID-BAY/DOWN LIGHTING

## Guard Pro™ Series — HI

This versatile hazardous-rated LED mid-bay brings 13,000-26,000 lumens of clean, dimmable light to Class I, Division 2 and Class II, Division 1 areas. It's robust, IP66-sealed construction with stainless-steel hardware stands up to corrosive, wet, and dirty environments.

**Retrofit Compatible:** Compatible with popular mounting bases for simple, in-field retrofitting.

**EMB Option:** 90-minute EMB delivering 1,000 lumens.

**Temp-Tough Endurance:** Thrives from -40°C to 55°C (T5/T4A/T4 rated), powering non-stop through extreme cold or heat.

**Tailored Flexibility:** Diverse wattages, optics, voltages, CCTs, and mounts to adapt seamlessly to any hazardous setup.



### Key Specifications

#### Electrical

- **Voltages:** 120-277VAC; 277-480VAC
- **Input Power:** 100W; 150W; 200W
- **Lumens:** 13,000; 19,500; 26,000
- **CCT:** 5000K; 4000K; 3000K

#### Construction

- **Mounting:** Surface, harp, stanchion, wall or retrofit adapter
- **Lens:** Flat glass (clear or diffuse); Convex glass (clear or diffuse)
- **Optics:** 60°; 120°; Type II

#### Compliances

- **UL844 Hazardous Location:**
  - Class I, Division 2
  - Class II, Division 1
  - Class II, Division 2
  - Class III

#### Warranty

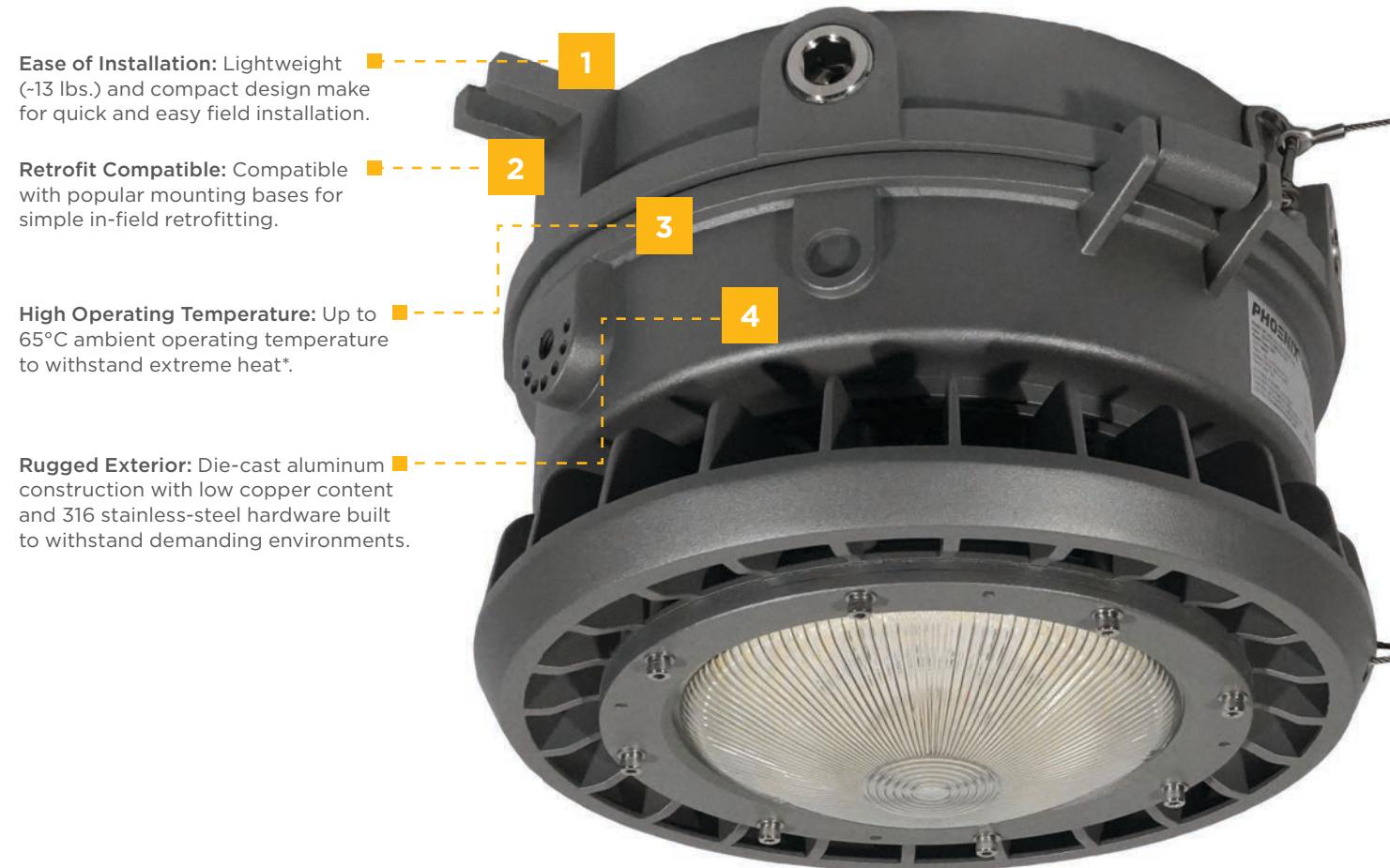
- Five years



# MID-BAY/DOWN LIGHTING

## Guard Pro™ Series — LO

UL844 hazardous-rated round low-bay fixture engineered to withstand significant external factors found in demanding environments such as wet locations, mining sites, and offshore environments and heavy industrial facilities.



### Key Specifications

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-277VAC; 277-480VAC</li> <li><b>Input Power:</b> 20W; 40W; 60W</li> <li><b>Lumens:</b> 2,600; 5,200; 7,800</li> <li><b>CCT:</b> 5000K; 4000K; 3000K</li> </ul>
<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Surface, harp, stanchion, and wall mount</li> <li><b>Lens:</b> Clear (flat or convex); Diffuse (flat or convex)</li> <li><b>Optics:</b> 60° or 120°</li> </ul>
<b>Compliances</b>	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division 2</li> <li>Class II, Division 2</li> <li>Class II, Division 1</li> <li>Class III</li> </ul> </li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>Five years</li> </ul>

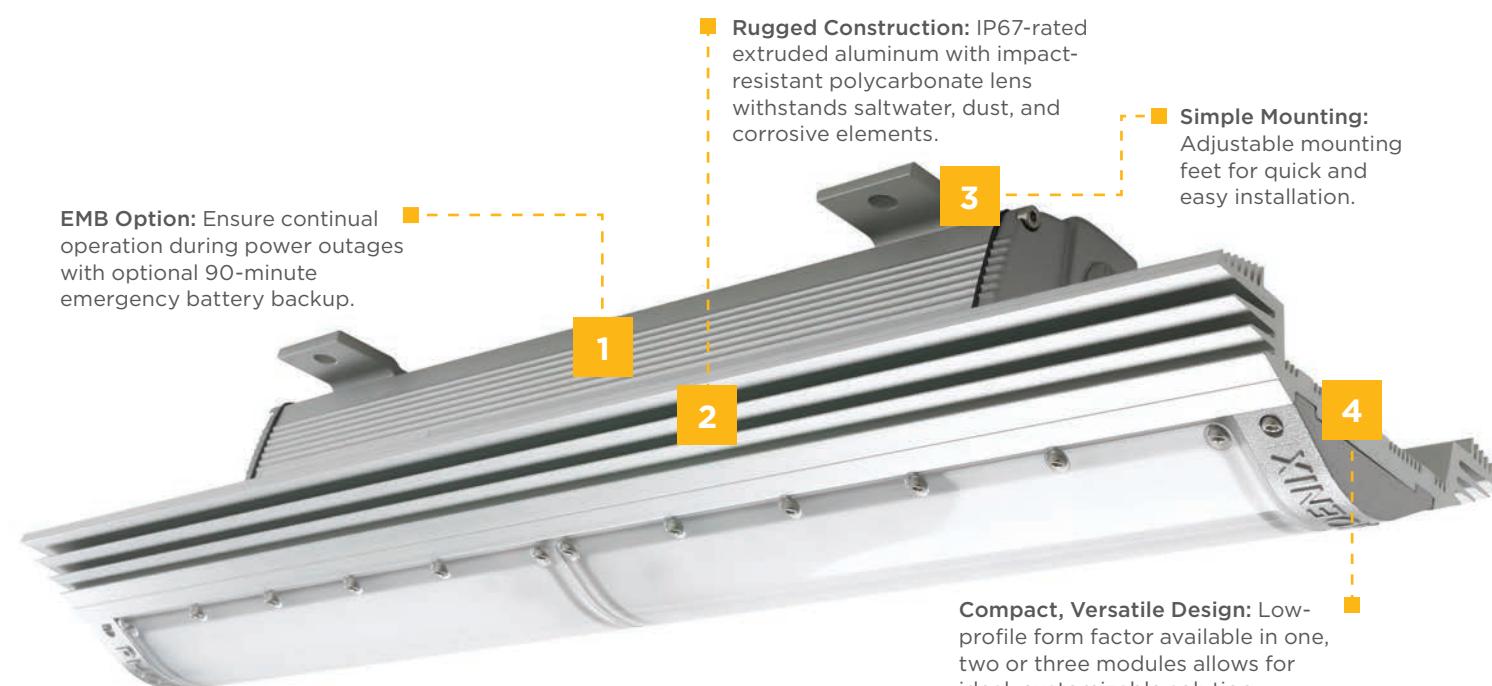


\*Depending on product configuration.

# LINEAR LIGHTING

## HDL-LED

Designed to replace linear fluorescent fixtures and mid-power floodlights, this versatile LED linear light delivers up to 9,400 lumens with flexible voltage and mounting options. Rated UL844 Class I, Division 2, IP67, and marine outside type (saltwater), its compact, low-profile extruded aluminum construction ensures reliable illumination in any harsh setting.



### Key Specifications

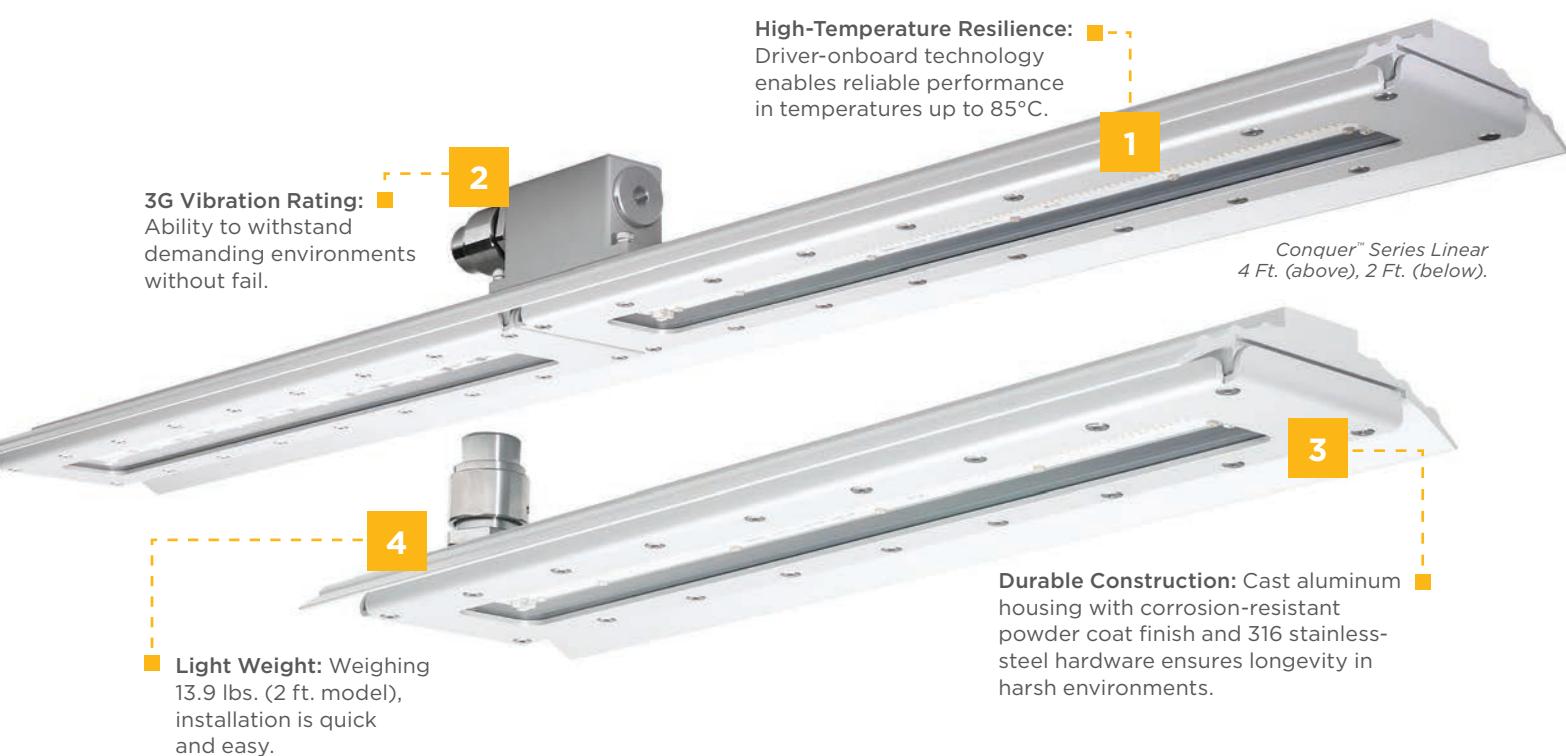
<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-277VAC; 277-480VAC, 12-24VDC</li> <li><b>Input Power:</b> 28W; 55W; 84W</li> <li><b>Lumens:</b> 3,150; 6,300; 9,400</li> <li><b>CCT:</b> 5000K; 4000K</li> </ul>
<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Surface bracket with mounting feet standard (as shown); additional retrofit brackets and mount kits available</li> <li><b>Lens:</b> Diffuse polycarbonate</li> <li><b>Ambient Operating Temp:</b> -40°C to 50°C (non-EMB unit)</li> </ul>
<b>Compliances</b>	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division 2</li> </ul> </li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>Five years</li> </ul>



# LINEAR LIGHTING

## Conquer™ Series Linear

High-temperature linear LED fixture for harsh industrial applications that require dependability and longevity. Featuring a low-profile design and various mounting options, the Conquer™ Series Linear is easy to install and upgrade to the latest LED technology. Available in two- and four-foot configurations.



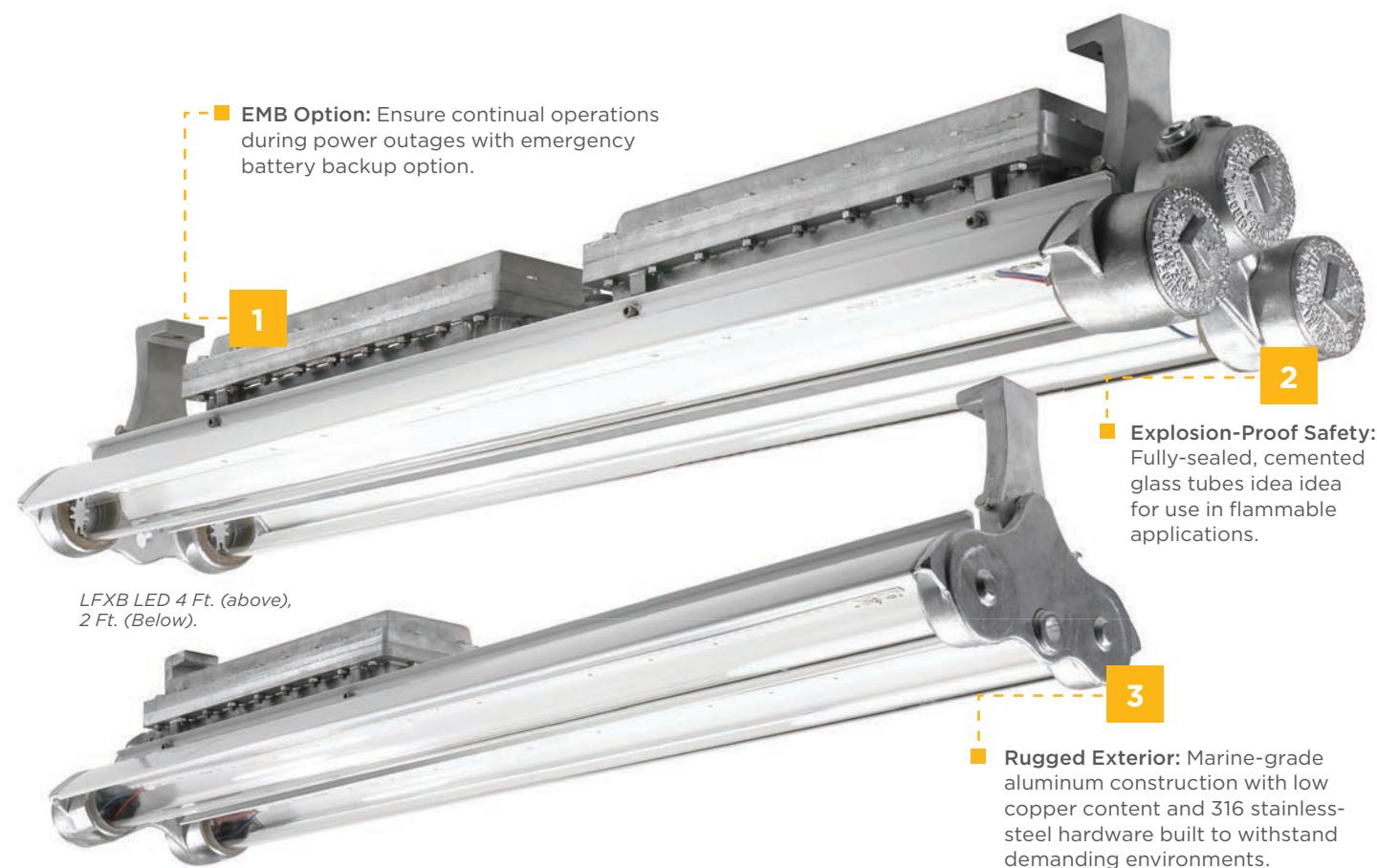
### Key Specifications

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-277VAC</li> <li><b>Input Power:</b> 60W; 80W</li> <li><b>Lumens:</b> 6,600; 9,400</li> <li><b>CCT:</b> 5000K</li> </ul>
<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Wall, ceiling and stanchion brackets</li> <li><b>Lens:</b> 5 mm tempered glass</li> <li><b>Ambient Operating Temp:</b> -40°C to 85°C</li> </ul>
<b>Compliances</b>	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division 2</li> <li>Class III</li> </ul> </li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>Two and five-year (dependent on ambient temperature)</li> </ul>



## LFXB LED

UL844 Class I, Division I explosion-proof LED linear fixture with lumen and CCT options. Its heavy-duty construction ensures reliable illumination in extreme hazardous environments such as refineries, offshore platforms, and more. Available in two- and four-foot lengths.



### Key Specifications

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-277VAC</li> <li><b>Input Power:</b> 40W; 60W</li> <li><b>Lumens:</b> 4,200; 8,400</li> <li><b>CCT:</b> 5000K; 4000K; 3000K</li> </ul>
<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Adjustable mounting feet</li> <li><b>Ambient Operating Temp:</b> -20°C to 40°C</li> </ul>
<b>Compliances</b>	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division I</li> <li>Class II, Division II</li> <li>Class III</li> </ul> </li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>Five years</li> </ul>



# LINEAR VAPORPROOF LIGHTING

## ReadiLED™ Series – Haz

This UL844 Class I, Division 2 linear vaporproof fixture delivers up to 5,300 lumens with dimmable 4000K white light and instant switching to red or amber modes. Great for industrial hazardous areas, refineries, marine decks, and anywhere a vaporproof fixture is warranted.

**Effortless Retrofit Installation:**  
Snap-fit design replaces old fixtures in minutes without rewiring, cutting downtime in maintenance-heavy areas.



**White/Red/Amber Selectable:**  
Instantly toggle from 4000K lighting to low-glare red or amber for nighttime use.

**Impact-Resistant:** IP66- and IP67-rated lens and housing offer superior resistance to water, dust, and debris extrusion.

### Key Specifications

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Voltages:</b> 120-277VAC; 347-480VAC</li> <li><b>Input Power:</b> 37W; 61W</li> <li><b>Lumens:</b> 5,300</li> <li><b>CCT:</b> 4000K; Field-selectable white/red/amber options</li> </ul>
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<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> 316 stainless-steel mounting feet</li> <li><b>Lens:</b> High-impact polycarbonate</li> <li><b>Ambient Operating Temp:</b> -40°C to +50°C</li> </ul>
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<b>Compliances</b>	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division 2</li> </ul> </li> </ul>
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<b>Warranty</b>	Five years
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# TASK LIGHTING

## SLX LED, SLXP LED, & DLX LED

Explosion-proof LED task lights offering a variety of mounting options and optics to deliver light where it is needed most. Rated UL844 Class I, Division 1 and NEMA 4X, its durable construction is built to last in harsh industrial and marine environments.

**NEMA 4X Marine-Grade Durability:** Cast aluminum housing with tempered glass lens and conformal-coated LEDs withstand saltwater, shock, and vibration.

**Customizable Optics:** Offers 28° spot for focused light or 45° flood for broad light coverage.



### Key Specifications

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-277VAC</li> <li><b>Input Power:</b> 44W</li> <li><b>Lumens:</b> 3,800</li> <li><b>CCT:</b> 5000K</li> </ul>
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<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Marine-grade aluminum harp, marine-grade portable base, and <i>docklite</i>® arm with zinc plated steel bracket</li> <li><b>Lens:</b> 3/4 inch thick tempered glass</li> <li><b>Optics:</b> Flood (45°) and spot (28°)</li> </ul>
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<b>Compliances</b>	<ul style="list-style-type: none"> <li><b>UL844 Hazardous Location:</b> <ul style="list-style-type: none"> <li>Class I, Division 1</li> <li>Class I, Division 2</li> <li>Class II, Division 1</li> <li>Class II, Division 2</li> <li>Class III</li> </ul> </li> </ul>
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<b>Warranty</b>	Five years
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# HEAVY INDUSTRIAL

The same proven engineering and materials behind our hazardous-rated fixtures — are offered without Class/Division certifications for the vast non-classified areas that still demand absolute reliability.

These are the environments that destroy standard lights: constant vibration, washdowns, dust, temperature extremes, and forklift impacts — yet don't require formal hazardous-location ratings.

When the space is punishing but not officially classified, Phoenix heavy-industrial fixtures deliver the same proven toughness and same refusal to fail in the toughest locations.

# FLOOD & AREA LIGHTING

## EcoMod® 3 Series

Heavy-duty floodlight engineered to withstand excessive impact, vibration, and saltwater environments. Ideal for extreme environments commonly found in industrial, ports, and mining applications. Available in three constructions: EcoMod® 3 LO, EcoMod® 3 HI, and EcoMod® 3 MAX.



### Key Specifications

Electrical	<ul style="list-style-type: none"> <li><b>Voltages:</b> 120-277VAC; 277-480VAC</li> <li><b>Input Power:</b> 121W; 231W; 438W</li> <li><b>Lumens:</b> 15,000; 30,000; 52,500</li> <li><b>CCT:</b> 5000K; 4000K; 2700K</li> </ul>
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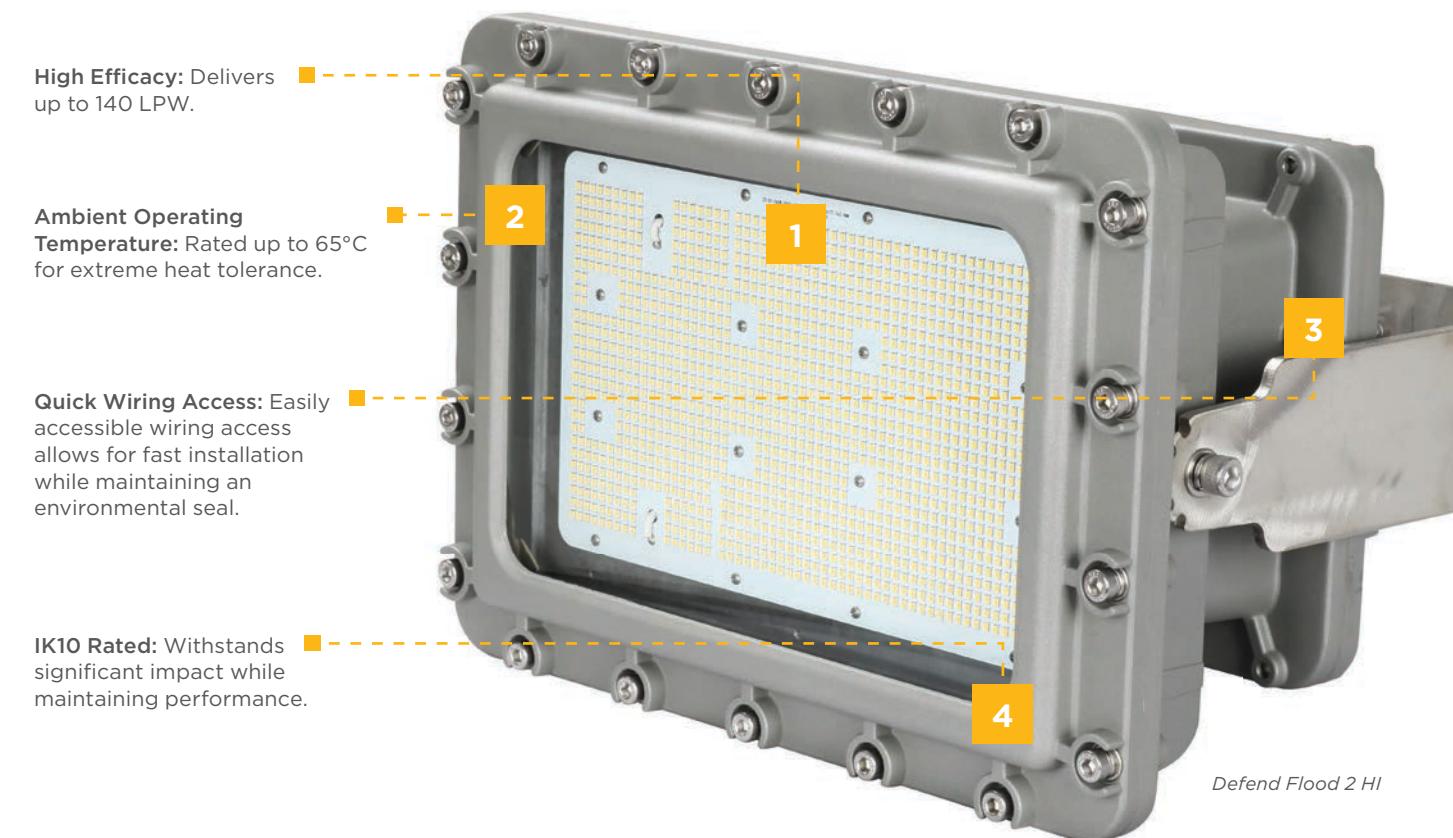
Construction	<ul style="list-style-type: none"> <li><b>Mounting:</b> Indexed aiming and lockable in 5° increments</li> <li><b>Lens:</b> Clear, tempered glass</li> <li><b>Optics:</b> Many options, refer to specification sheet</li> </ul>
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Warranty	• Five years
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## Defend Flood™ 2 Series – Non-Haz

This rugged, versatile floodlight offer a range of voltage, lumen, and mounting options, delivering reliable illumination across many uses cases in demanding industrial settings. Available in two constructions: Defend Flood 2 LO and Defend Flood 2 HI.



### Key Specifications

Electrical	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-277VAC; 277-480VAC</li> <li><b>Input Power:</b> 40W; 60W; 100W; 200W</li> <li><b>Lumens:</b> 5,600; 8,400; 14,000; 28,000</li> <li><b>CCT:</b> 5000K; 4000K; 3000K</li> </ul>
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Construction	<ul style="list-style-type: none"> <li><b>Mounting:</b> 316 stainless-steel ceiling/wall bracket. Pendant mount capable</li> <li><b>Lens:</b> Clear, tempered glass</li> <li><b>Optics:</b> 60° or 120°</li> </ul>
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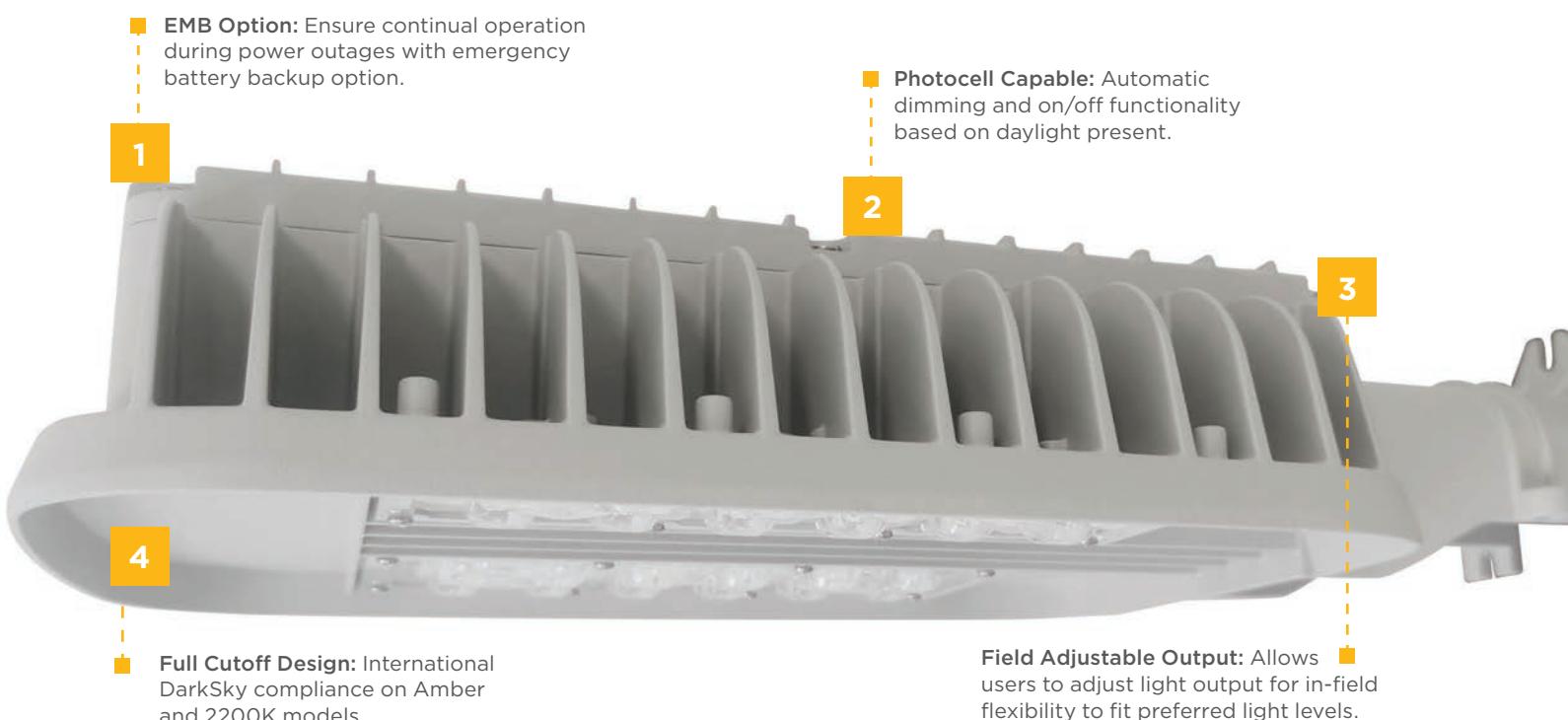
Warranty	• Five years
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# FLOOD & AREA LIGHTING

## CVO 2 – Non-Haz

This compact, versatile, and field-adjustable LED area light delivers up to 11,000 lumens at 75W with voltage and mounting options. Its robust construction ensures reliable illumination in harsh outdoor, mining, and industrial environments.



### Key Specifications

Electrical	<ul style="list-style-type: none"> <li><b>Voltages:</b> 120-277VAC, 50-60Hz; 277-480VAC, 50-60Hz</li> <li><b>Input Power:</b> Field adjustable output up to 75W</li> <li><b>Lumens:</b> 6,500; 8,000; 11,000</li> <li><b>CCT:</b> 5000K; 2200K; Amber</li> </ul>
Construction	<ul style="list-style-type: none"> <li><b>Mounting:</b> Wall or pole mount capable</li> <li><b>Lens:</b> Impact-resistant polycarbonate</li> <li><b>Optics:</b> Type II; Type III; Type V</li> </ul>
Warranty	Five years



## Cube Light

This compact LED area light delivers up to 1,000 lumens with versatile voltage and mounting options, making it the ideal choice for illuminating walkways and accessways in marine, mining, and industrial settings. Its IP66-rated, marine-grade cast aluminum design with impact-resistant polycarbonate lens ensures reliable, maintenance-free performance in harsh wet and corrosive environments.



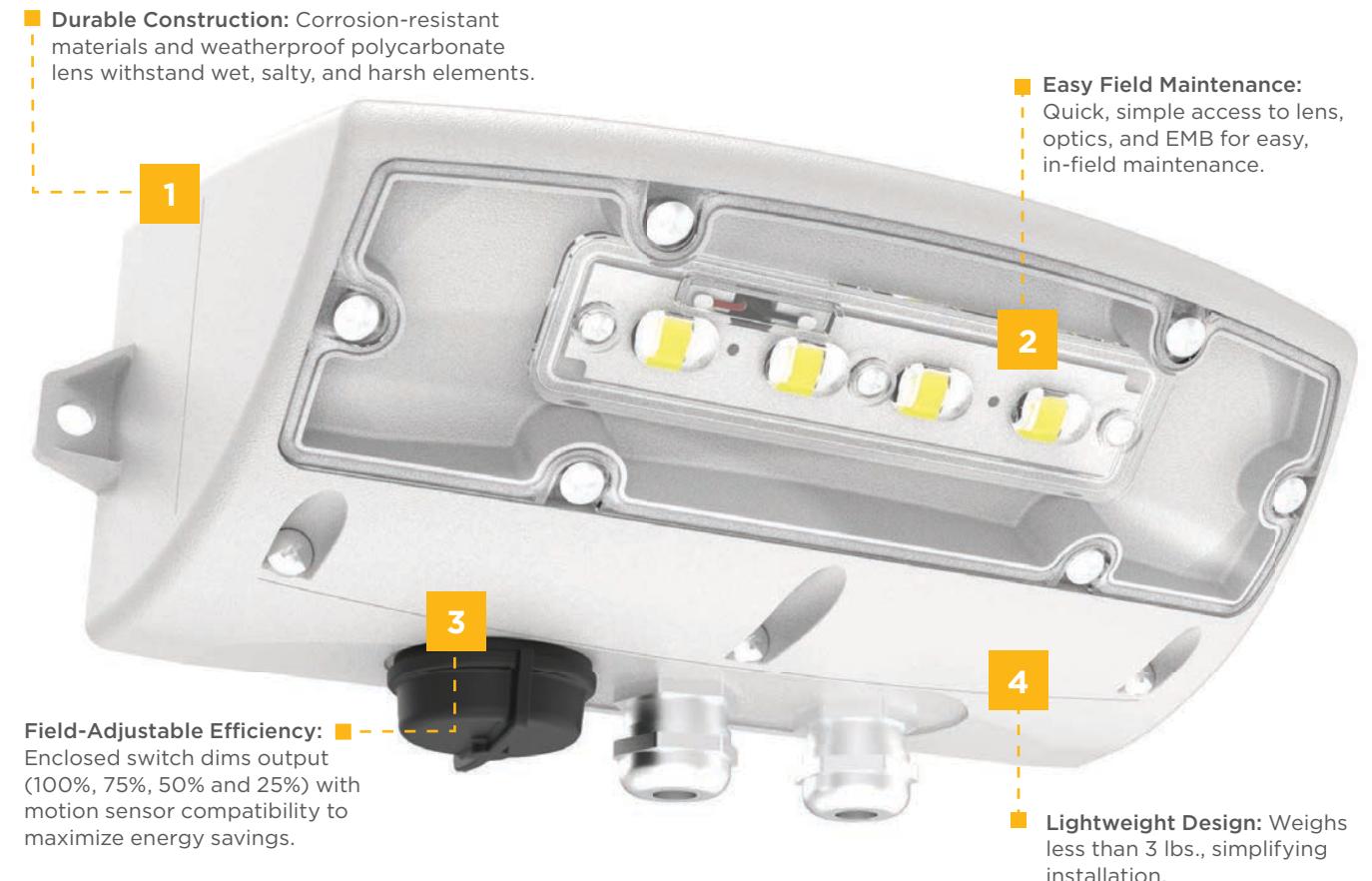
### Key Specifications

Electrical	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-240VAC</li> <li><b>Input Power:</b> 13W</li> <li><b>Lumens:</b> 1,000</li> <li><b>CCT:</b> 5000K</li> </ul>
Construction	<ul style="list-style-type: none"> <li><b>Mounting:</b> Flush, harp, and rail brackets</li> <li><b>Lens:</b> Impact-resistant, diffuse polycarbonate. Green, blue, red, amber, and white color options</li> <li><b>Ambient Operating Temp:</b> -30°C to 50°C</li> </ul>
Warranty	Three years



## Wayfinder 2

This LED accessway fixture delivers up to 1,300 lumens with wide beam light coverage, field-adjustable output, and motion sensor compatibility. Its durable, marine-grade construction with emergency battery backup options ensure reliable illumination in high-traffic marine, port, and heavy industrial walkway environments.



## Key Specifications

### Electrical

- **Voltages:** 120-277VAC
- **Input Power:** Field-adjustable output up to 11W
- **Lumens:** Up to 1,300
- **CCT:** 5000K; 4000K; 2700K

### Construction

- **Mounting:** Surface and U-bracket
- **Lens:** Weatherproof, clear polycarbonate is standard; other options and colors available
- **Ambient Operating Temp:** -40°C to 50°C

### Warranty

- Five years



## Command Flood® Series – Non-Haz

This heavy-duty LED floodlight delivers 18,500–48,000 lumens (145W–360W) with versatile voltage and mounting options. Its aluminum construction and IP66-rated design ensure reliable illumination in harsh industrial environments. Available in three constructions: Command Flood 150, 250, and 375.



## Key Specifications

### Electrical

- **Voltages:** 120-277VAC; 277-480VAC
- **Input Power:** 145W; 240W; 360W
- **Lumens:** 18,500; 32,000; 48,000
- **CCT:** 5000K; 4000K; 2700K

### Construction

- **Mounting:** Adjustable 316 stainless-steel bracket
- **Lens:** Weatherproof, clear polycarbonate
- **Optics:** Many options, refer to specification sheet

### Warranty

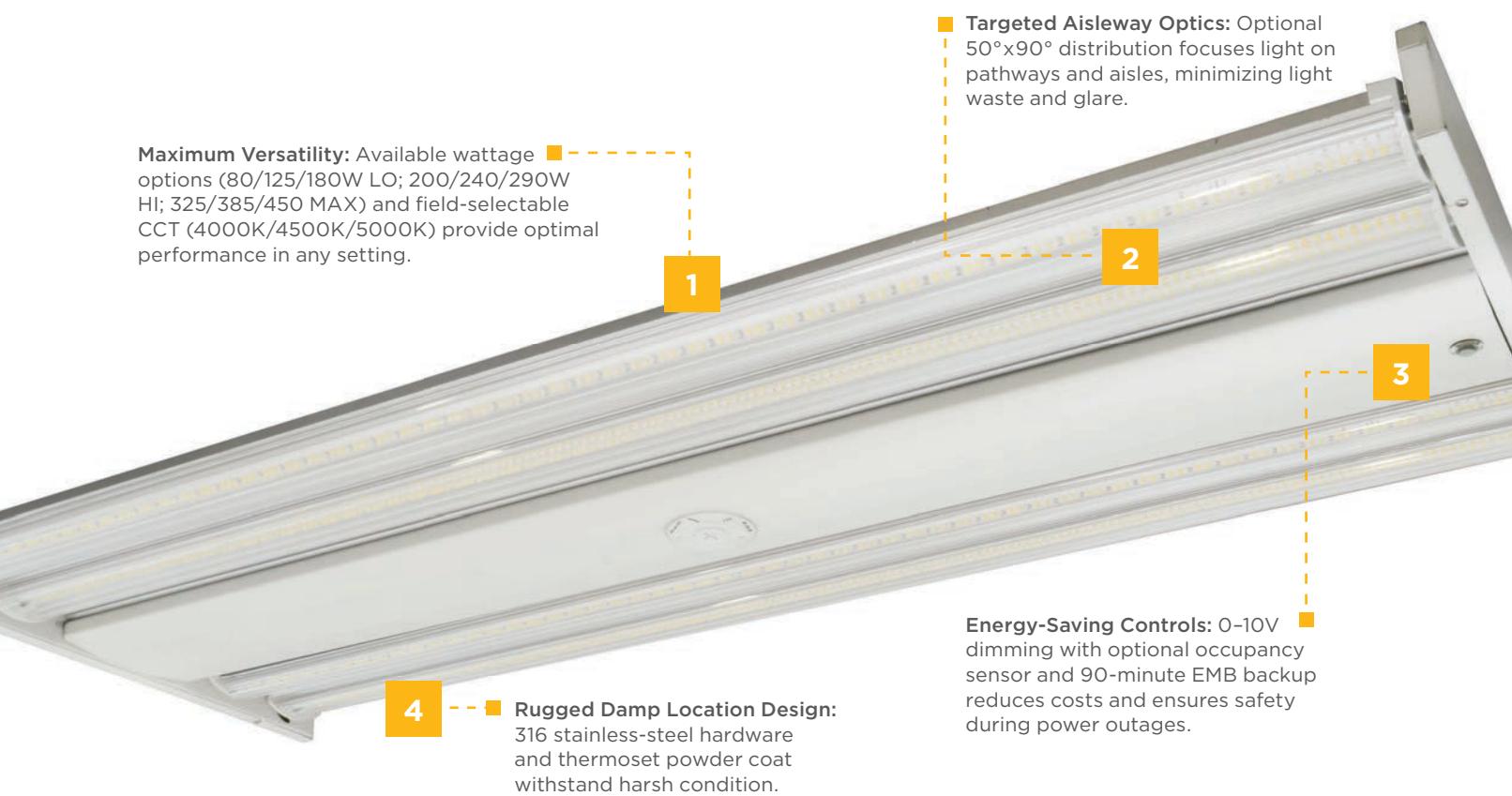
- Five years



# HIGH-BAY LIGHTING

## Ascend LHB Series

This high-performance linear LED high bay delivers up to 65,000 lumens with field-adjustable output and various optics, making it the perfect choice for illuminating warehouses, factories, and distribution centers. Its DLC Premium, aluminum design and selectable CCT (4000K-5000K) provide targeted, energy-efficient performance in demanding damp-location environments.



## Key Specifications

### Electrical

- Volts:** 120-277VAC; 277-480VAC
- Input Power:** 80W-450W
- Lumens:** 24,000; 42,000; 65,000
- CCT:** 5000K; 4500K; 4000K (field-selectable)

### Construction

- Mounting:** V-hook suspension brackets (2) standard; cable surface bracket optional
- Lens:** Diffuse polycarbonate lens
- Optics:** Extra-wide flood (120°) standard; aisleway (50°x90°) flood optional

### Warranty

- Five years



## Guard Pro™ Series Non-Haz – MAX

Unleash up to 52,000 lumens of light in heavy environments. With its robust, IP66-sealed construction, it shrugs off corrosive vapors, high-pressure washdowns, dust and debris — delivering zero-compromise performance.

**Unmatched Versatility:** Multiple wattages, lens types, optics, voltages, CCTs, and mounting options let you dial in the perfect solution for any space.

**Rugged Exterior:** Die-cast aluminum construction with low copper content and 316 stainless-steel hardware built to withstand demanding environments.

**Vibration Resistance:** 1.5G rated to ANSI C136.31 standard — built to handle wind, traffic, or heavy machinery vibration without failure.

**High-Output Performance:** Delivers 39,000-52,000 lumens from 40 ft+ mounting heights, filling the high-lumen gap in hazardous-rated lighting.

## Key Specifications

### Electrical

- Volts:** 120-277VAC; 277-480VAC
- Input Power:** 300W; 350W; 400W
- Lumens:** 39,000; 45,000; 52,000
- CCT:** 5000K; 4000K; 3000K, Amber

### Construction

- Mounting:** Pendant, harp, stanchion and hook mount
- Lens:** Clear flat glass or polycarbonate
- Optics:** 60° or 120°

### Warranty

- Five years



# MID-BAY/DOWN LIGHTING

## Guard Pro™ Series Non-Haz — HI

This versatile LED mid-bay brings 13,000-26,000 lumens of clean dimmable light to any industrial area where durability is needed. It's robust, IP66-sealed construction with stainless-steel hardware stands up to corrosive, wet, and dirty environments.

**Retrofit Compatible:** Compatible with popular mounting bases for simple, in-field retrofitting.

**EMB Option:** 90-minute EMB delivering 1,000 lumens.

**Temp-Tough Endurance:** Thrives from -40°C to 55°C (T5/T4A/T4 rated), powering non-stop through extreme cold or heat.

**Tailored Flexibility:** Diverse wattages, optics, voltages, CCTs, and mounts to adapt seamlessly to any hazardous setup.



### Key Specifications

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Voltages:</b> 120-277VAC; 277-480VAC</li> <li><b>Input Power:</b> 100W; 150W; 200W</li> <li><b>Lumens:</b> 13,000; 19,500; 26,000</li> <li><b>CCT:</b> 5000K; 4000K; 3000K</li> </ul>
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<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Surface, harp, stanchion, wall or retrofit adapter</li> <li><b>Lens:</b> Flat glass (clear or diffuse); Convex glass (clear or diffuse)</li> <li><b>Optics:</b> 60°; 120°; Type II</li> </ul>
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<b>Warranty</b>	• Five years
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## Guard Pro™ Series Non-Haz — LO

A popular round low-bay fixture is engineered to withstand significant external factors in demanding environments such as wet locations, mining sites, offshore environments, and heavy industrial facilities.

**Ease of Installation:** Lightweight (~13 lbs.) and compact design make for quick and easy field installation.

**Retrofit Compatible:** Compatible with popular mounting bases for simple in-field retrofitting.

**High Operating Temperature:** Up to 65°C ambient operating temperature to withstand extreme heat\*.

**Rugged Exterior:** Die-cast aluminum construction with low copper content and 316 stainless-steel hardware built to withstand demanding environments.



### Key Specifications

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Voltages:</b> 120-277VAC; 277-480VAC</li> <li><b>Input Power:</b> 20W; 40W; 60W</li> <li><b>Lumens:</b> 2,600; 5,200; 7,800</li> <li><b>CCT:</b> 5000K; 4000K; 3000K</li> </ul>
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<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Surface, harp, stanchion, and wall mount</li> <li><b>Lens:</b> Clear (flat or convex); Diffuse (flat or convex)</li> <li><b>Optics:</b> 60° or 120°</li> </ul>
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<b>Warranty</b>	• Five years
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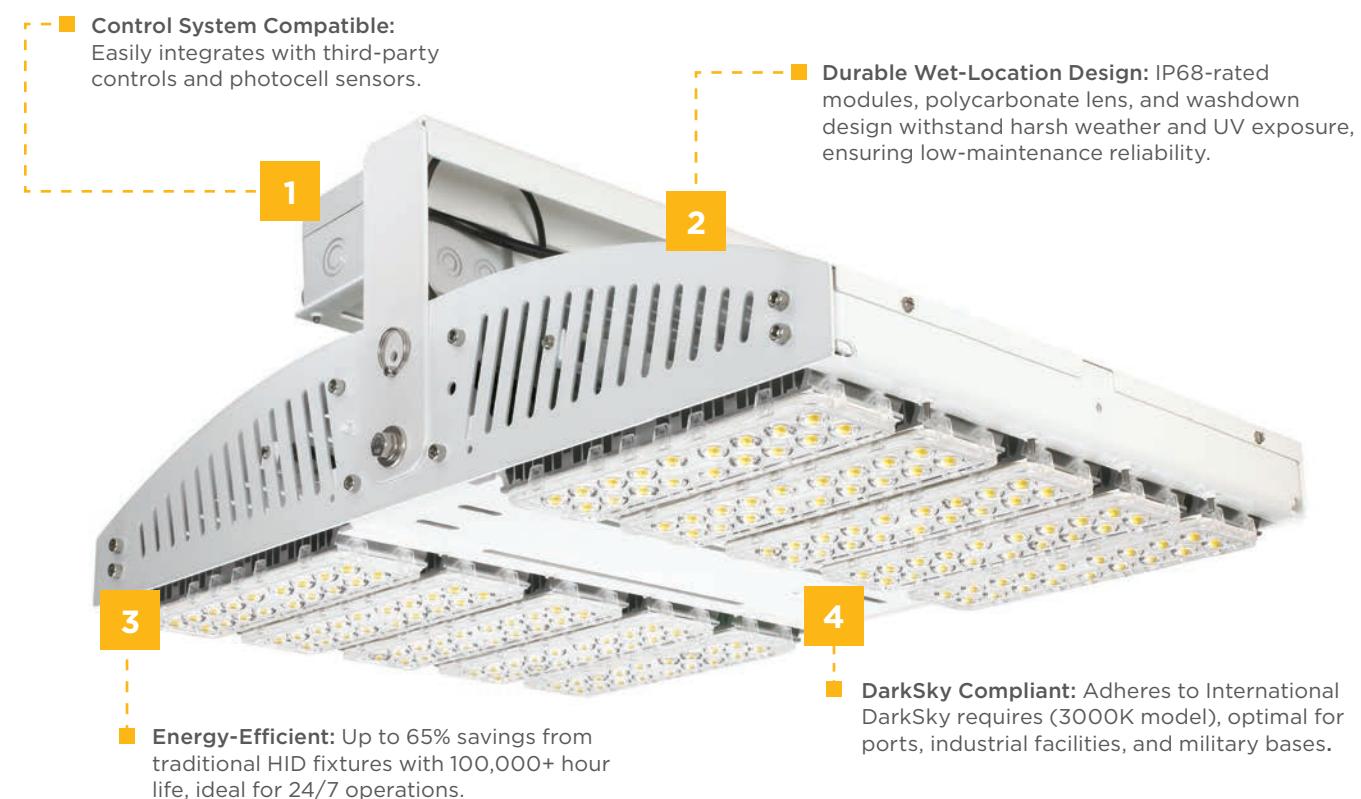


\*Depending on product configuration.

# HIGH-MAST LIGHTING

## Highland® Series

This versatile high-mast LED fixture offers a variety of optics, lumen outputs, and mounting options to illuminate large outdoor areas to enhance productivity, safety, and security. Available in two constructions: Highland® Series 250 and Highland® Series 500.



### Key Specifications

#### Electrical

- **Voltages:** 120-277VAC; 277-480VAC
- **Input Power:** 265W; 530W
- **Lumens:** 40,000; 80,000
- **CCT:** 5000K; 4000K; 3000K

#### Construction

- **Mounting:** Indexed aiming trunnion bracket, lockable in 5° increments standard. Pipe mount kit optional
- **Lens:** UV-resistant, polycarbonate lens
- **Optics:** Type IV and Type V

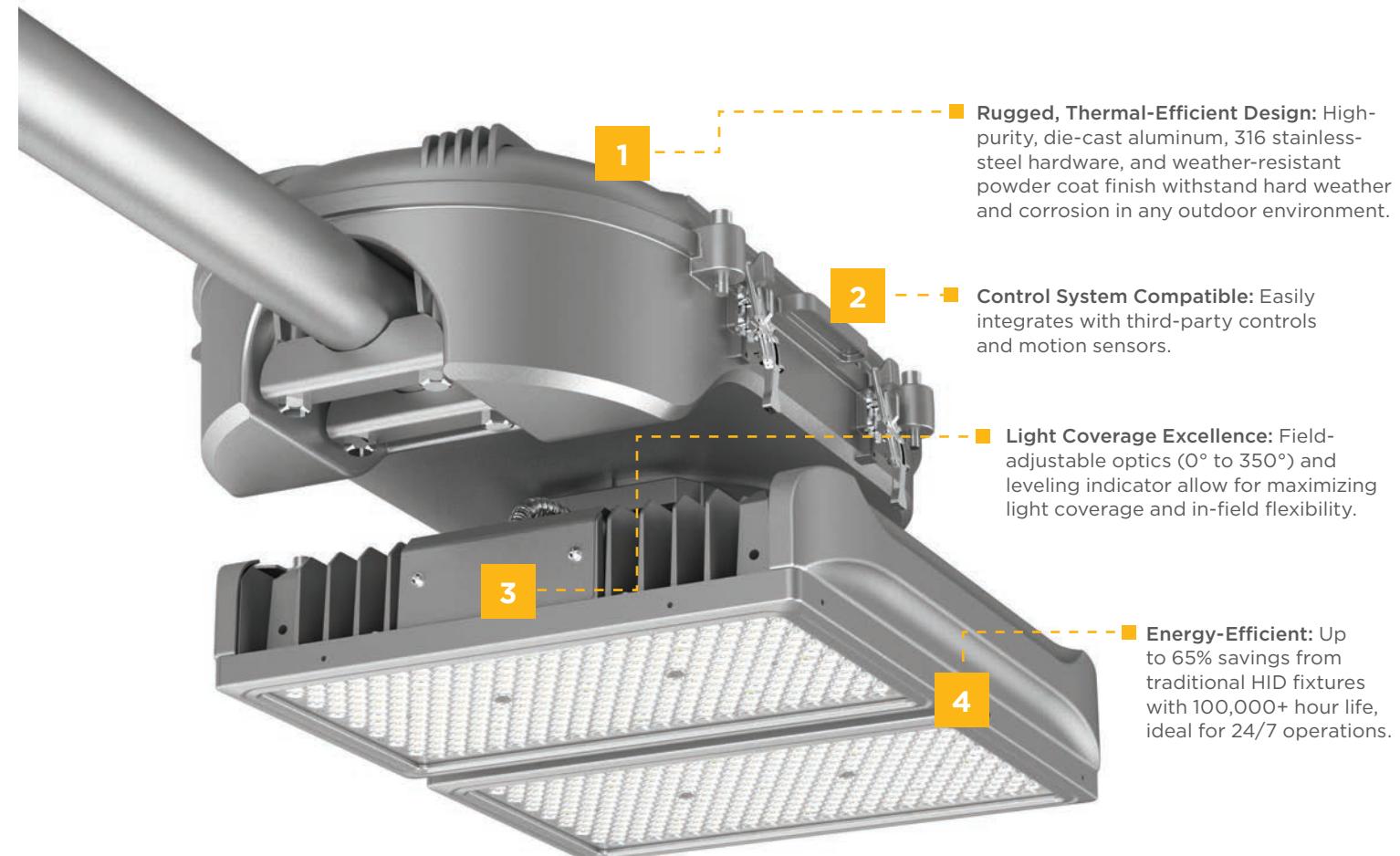
#### Warranty

- Five years



## Soar™ Series

This high-output, high-mast LED fixture delivers up to 150,000 lumens making it the ideal solution to illuminate large outdoor spaces in ports, airports, and industrial yards. Its robust IP66-rated, marine-grade design and field-adjustable optics ensure precise, long-lasting illumination where needed.



### Key Specifications

#### Electrical

- **Voltages:** 120-277VAC; 277-480VAC
- **Input Power:** 630W; 960W
- **Lumens:** 105,000; 150,000
- **CCT:** 5000K; 4000K; 2700K

#### Construction

- **Mounting:** Mast arm bracket, lockable in 5° increments standard
- **Lens:** UV-resistant, polycarbonate lens
- **Optics:** Field-rotational (0° to 350°) Type IV and Type V

#### Warranty

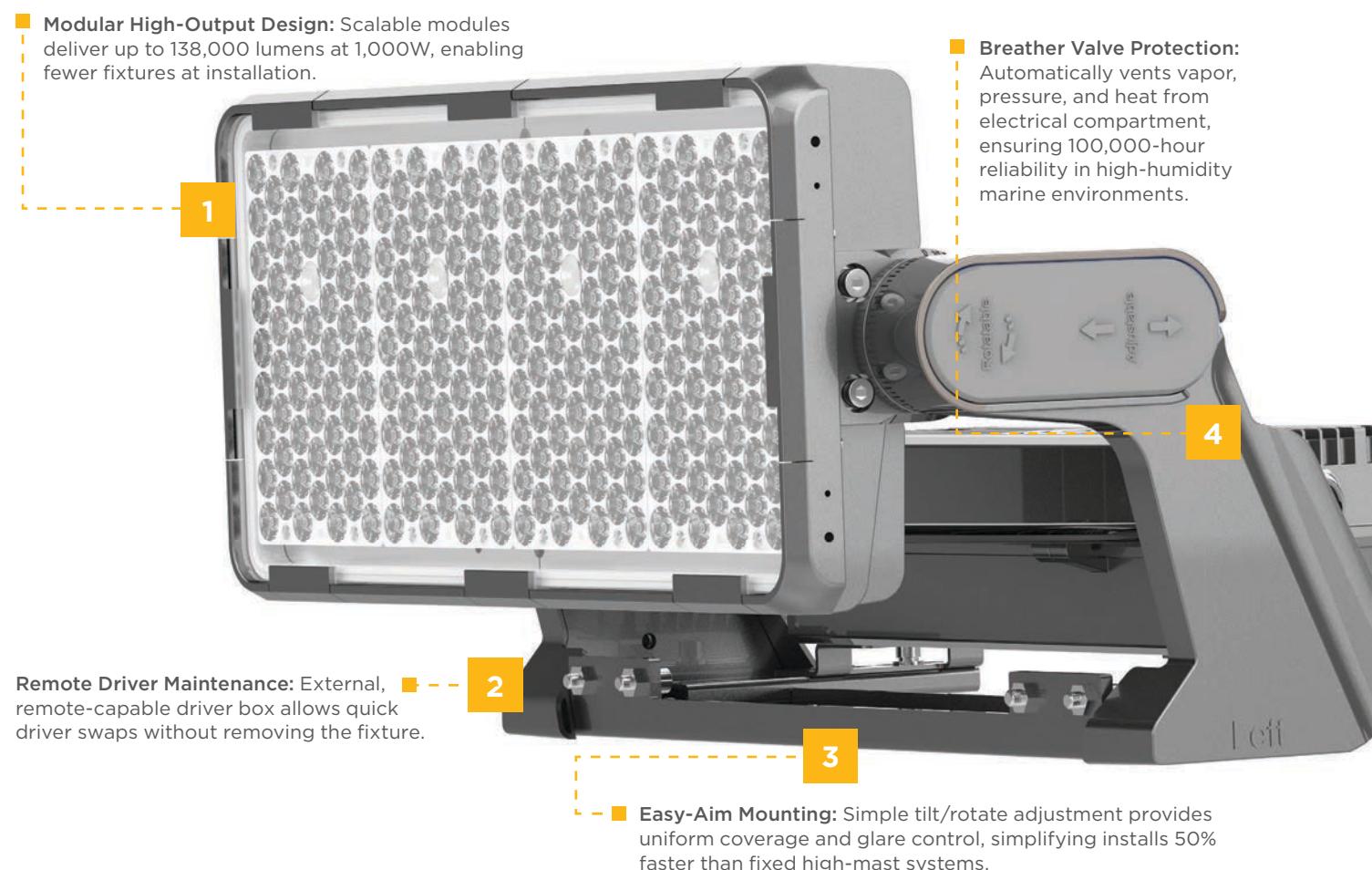
- Five years



# HIGH-MAST LIGHTING

## Apex™ Series

This high-performance LED floodlight delivers up to 138,000 lumens with advanced glare control and DALI-2 or DMX-RDM dimming options, making it the perfect choice for illuminating expansive areas like airports, military bases, and sports facilities. Its IK08 impact-resistant, die-cast aluminum design and optical flexibility (10° to 60°) provide targeted, maintenance-free performance in demanding wet-location environments.



### Key Specifications

#### Electrical

- Volts:** 120-277VAC; 200-480VAC; 277-480VAC
- Input Power:** 600W; 1,000W
- Lumens:** 85,000; 138,000
- CCT:** 5700K; 5000K; 4000K; 2700K

#### Construction

- Mounting:** Heavy-duty mounting harp, adjustable 0° to 270°. Remote driver mount capable
- Lens:** Tempered glass
- Optics:** Spot (10° or 30°) and flood (60°) options

#### Warranty

- Five years



# LINEAR VAPORPROOF LIGHTING

## ReadiLED™ Series

LED linear vaporproof fixture designed to easily upgrade from fluorescent fixtures. It delivers up to 6,400 lumens with dimming and emergency battery backup options, perfect for retrofitting industrial machine rooms, marine decks, and anywhere vaporproof fixtures are needed. Available in 2-foot and 4-foot lengths.



### Key Specifications

#### Electrical

- Volts:** 120-277VAC
- Input Power:** 29W; 49W
- Lumens:** 3,700; 6,400
- CCT:** 4000K Field-selectable white/red and white/blue option

#### Construction

- Mounting:** 316 stainless-steel mounting feet
- Lens:** High-impact polycarbonate
- Ambient Operating Temp:** -40° to 55°C (2ft); -40° to 40°C (4ft)

#### Warranty

- Five years



# DC EQUIPMENT LIGHTING

## Sturdilite® Master Series

These rugged low-voltage LED lights deliver up to 7,600 lumens with versatile DC voltage and customizable beam patterns, making them the ideal choice for illuminating mobile equipment in mining, construction, and marine operations. Their IP68/IP69K-rated, die-cast aluminum design with impact-resistant lens ensures vibration-proof, maintenance-free performance in extreme dusty and wet environments.



### Key Specifications

#### Electrical

- **Voltages:** 12-48VDC
- **Input Power:** 24W; 48W; 82W
- **Lumens:** 2,500; 5000; 7,600
- **CCT:** 5000K; Amber

#### Construction

- **Mounting:** 304 stainless-steel harp
- **Lens:** High-temperature, impact-resistant polycarbonate or tempered glass with non-stick coating
- **Optics:** Spot, flood, elliptical, or no-glare driving options

#### Warranty

- Three years



## Sturdilite® Move Series

Built for mobile equipment, these DC-powered LED floodlights produce up to 7,000 lumens with spot or flood beams and 12-24VDC input. The IP69K-sealed, die-cast aluminum housing and shatterproof polycarbonate lens deliver vibration-resistant, washdown-ready reliability in harsh conditions from -40°C to +85°C.



### Key Specifications

#### Electrical

- **Voltages:** 12-24VDC
- **Input Power:** 11W – 64W
- **Lumens:** 800 – 7,000
- **CCT:** 5700K

#### Construction

- **Mounting:** 304 stainless-steel harp bracket
- **Lens:** Impact resistant polymer
- **Optics:** Spot; flood

#### Warranty

- One year



# TASK LIGHTING

## Sturdilite® Grind

Compact and tough, this 18W LED delivers 2,500 lumens via 25° spot or 50° flood beams on 100-277VAC, perfect for mining equipment, marine decks, and industrial workstations. Its IP69K/IK10-rated cast aluminum build with stainless hardware shrugs off shock, washdowns, and corrosion.



## Key Specifications

Electrical	<ul style="list-style-type: none"> <li><b>Volts:</b> 100-277VAC</li> <li><b>Input Power:</b> 18W</li> <li><b>Lumens:</b> 2,500</li> <li><b>CCT:</b> 5000K</li> </ul>
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Construction	<ul style="list-style-type: none"> <li><b>Mounting:</b> 316 stainless-steel harp bracket</li> <li><b>Lens:</b> Impact-resistant, clear polycarbonate</li> <li><b>Optics:</b> Spot; flood</li> </ul>
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Warranty	Five years
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## SturdilED®

Engineered for relentless abuse, this 37W LED light pumps out 2,900 lumens through a 45° flood or optional 28° spot beam on 120-277VAC, tailored for brutal industrial settings. Its IP67-sealed, marine-grade aluminum shell with conformal-coated boards and shock-absorbing mount survives continual vibrations, impact, and saltwater blasts.



## Key Specifications

Electrical	<ul style="list-style-type: none"> <li><b>Volts:</b> 120-277VAC</li> <li><b>Input Power:</b> 37W</li> <li><b>Lumens:</b> 2,900 (white); 2,150 (red)</li> <li><b>CCT:</b> 5000K (white); 625nm (red)</li> </ul>
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Construction	<ul style="list-style-type: none"> <li><b>Mounting:</b> Shock-mount base standard; Stainless-steel harp kit and four-bolt retrofit kit available</li> <li><b>Lens:</b> Impact-resistant, clear polycarbonate</li> <li><b>Optics:</b> Spot; flood</li> </ul>
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Warranty	Five years
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**FlexPro docklite®**

Brighten every trailer and loading dock in seconds with 1,100 lumens of crisp, aim-anywhere LED light that survives dock chaos. The tough, flexible gooseneck arm bounces back from impacts, while bi-level dimming and universal voltage keep energy low and uptime high—perfect for busy loading docks, truck bays, and warehouse doors.

**Key Specifications**

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Voltages:</b> 120VAC; 100-277VAC</li> <li><b>Input Power:</b> 10W</li> <li><b>Lumens:</b> 1,100</li> <li><b>CCT:</b> 4000K</li> </ul>
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<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> 3 x 5 in. zinc-plated steel bracket</li> <li><b>Lens:</b> Impact-resistant, clear polycarbonate</li> <li><b>Optics:</b> 20° beam</li> </ul>
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<b>Warranty</b>	Three years
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**DLAW 2 docklite®**

This durable *docklite®* delivers 1,100 lumens with a choice of 25° spot or 42° flood optics to fully illuminate trailer interiors. Designed specifically for wet-location and high-abuse docks, its IK10-rated yellow polycarbonate head, marine-grade aluminum housing, and zinc bracket withstand impacts, washdowns, and outdoor exposure without failure. Also available without wet-location rating: DLA2.

**Key Specifications**

<b>Electrical</b>	<ul style="list-style-type: none"> <li><b>Volts:</b> 120VAC</li> <li><b>Input Power:</b> 9W</li> <li><b>Lumens:</b> 1,100</li> <li><b>CCT:</b> 4000K</li> </ul>
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<b>Construction</b>	<ul style="list-style-type: none"> <li><b>Mounting:</b> Stainless-steel mounting bracket. Modular arm (40 in. or 60 in.) options</li> <li><b>Lens:</b> Impact-resistant, clear polycarbonate</li> <li><b>Optics:</b> 25° spot ; 42° flood</li> </ul>
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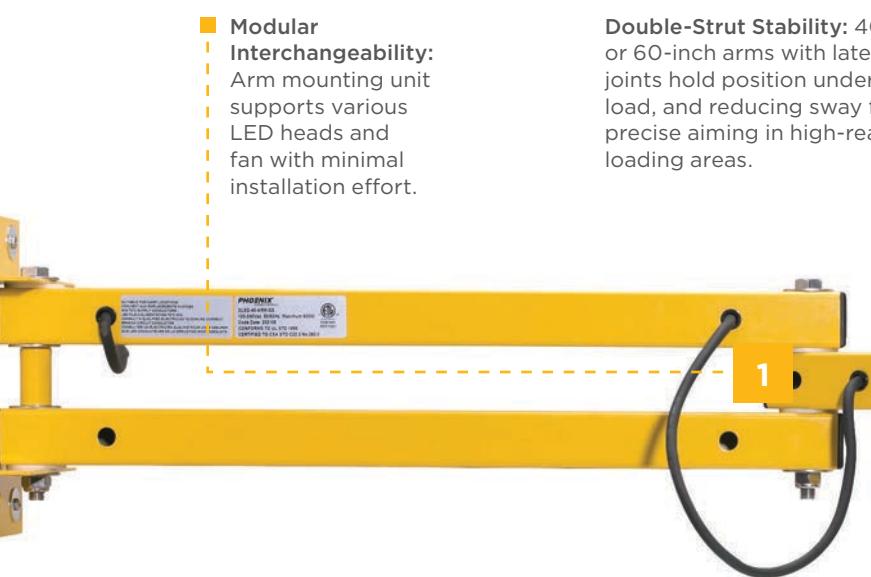
<b>Warranty</b>	Five years
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# DOCK LIGHTING

## Modular docklite®

Pairs a docklite head with a 40- or 60-inch double-strut arm and an optional fan. This design allows for quick and easy installation in warehouses, shipping bays and other industrial zones.



**Modular Interchangeability:**  
Arm mounting unit supports various LED heads and fan with minimal installation effort.

**Double-Strut Stability:** 40- or 60-inch arms with lateral joints hold position under load, and reducing sway for precise aiming in high-reach loading areas.



## Key Specifications

### Electrical

- Voltages: 120VAC
- Input Power: 15W
- Lumens: 1,200
- CCT: 4000K

### Construction

- Mounting: Zinc plated steel mounting bracket
- Accessories: Modular arm (40 in. or 60 in.) and fan options as shown

### Warranty

- Three years





**PHOENIX®**  
DURABILITY X DESIGN™

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