

PHOENIX[®]
DURABILITY X DESIGN[™]

Durable Lighting Built to Perform

INDUSTRIAL • HAZARDOUS
PETROCHEMICAL • ENERGY • GOVERNMENT
PORTS & TERMINALS • FOOD & BEVERAGE
PULP, PAPER & WOOD • AVIATION



Durable Lighting that Outlasts Expectations

For over 75 years, we've designed and manufactured durable industrial lighting built to sustain operations in the most demanding environments. From the first light we built in 1943 to the LED fixtures on our shop floor today, our products have been developed through a sequence of innovations inspired by our customers and their evolving needs. We are devoted to bringing a new level of safety and efficiency to you and your customers' operations.



Durability by Design

High-performing Fixtures for Heavy Industrial and Hazardous Environments

Phoenix has illuminated the most challenging industrial environments for decades without stretching budgets or compromising our standards. Our fixtures last for a lifetime because "Durability by Design" is the backbone behind every fixture we produce.

We make design decisions such as superior LEDs, potted drivers, high quality finishes and marine grade components to ensure our fixtures outlast any other option.

Quality control is essential to us. Every step of the design and manufacturing process is controlled so each fixture leaving our building meets Phoenix's strict durability by design standards.

We set ourselves apart by conducting rain, thermal and vibration tests in our engineering lab to make certain every light will stand up to its intended environment.

Partner with a Global Leader in LED Lighting Solutions

Our combination of service and superior product guarantees high-performance, energy savings and increased safety for years to come. Partnering with a stable, US-based industrial lighting manufacturer ensures you'll have the support throughout and after the project is completed. We are confident Phoenix's value-adding services are ideal for any of your projects.



Differentiated, Solution-oriented Products

We manufacture specification driven fixtures with unique design features that increase resilience, performance, and lifetime to meet the exacting requirements of a design. Our fixtures are compliant with the certifications and technical standards harsh environments require and can offer flexible product modifications and testing.



Lighting Calculuations & Design Expertise

From a new construction to retrofits, we offer lighting layouts to demonstrate the illumination levels on the ground and how many lights are needed to accomplish the specification. Our technical team carefully analyzes fixture positions, optimal beam angles, and possibilities of bright spots or contrast to create the perfect lighting formula for a safe and functional environment.



Competitive Lead & Delivery Times

With a Milwaukee-based factory and a commitment to inventory, we ensure short lead times for our fixtures so deadlines are easily met, and deliveries are predictable. We work closely with a nation-wide network that holds local inventory, further reducing delivery times and freight costs.



Outstanding Customer Service & Technical Support

We're invested in your project's success and work to ensure there are no complications related to lighting. Phoenix is known for our exceptional customer service and technical support and will be here when needed. You get direct access to a team of customer service representatives and dedicated engineers for technical support.

If you're an engineering firm: We can provide the lighting expertise you need through lighting designs, technical specifications and testing data, and certifications. We chase the most challenging applications and environments and are committed to delivering solutions that fit the budget and specifications of each project. We work hard to support the specification community with an end-to-end partnership.

Lighting for Industrial

For decades, Phoenix has been the industry leader for commercial and industrial environments seeking durable solutions and the latest lighting technologies. We offer a wide range of solutions for outdoor applications through our flood, large area, wet and hazardous location rated lights. For certain projects, our intelligent controls system can be added to your design, allowing you to schedule lights, automate on/off capabilities and receive constant monitoring of connected fixtures. Our solutions for various indoor industrial applications enhance a facility's safety and security through improved illumination while keeping operational and maintenance costs low. Phoenix has the capabilities to deliver customized solutions for optimal visibility in each outdoor and indoor industrial space.

Applications

- loading docks
- warehouse facilities
- task & maintenance lighting
- manufacturing facilities
- building perimeters
- factory cranes
- forklift trucks
- conveyor belts
- tunnels & accessways
- walkways & bridges
- parking lots & garages
- construction equipment
- agricultural equipment
- municipal equipment



Key products

Durable lighting built for a wide variety of indoor and outdoor industrial settings.



Command® Flood Series
Marine Grade Floodlight
pg. 12



FlexPro docklite®
Flexible Arm LED Dock Light
pg. 15



Soar™ Series
High Mast & Large Area LED
pg. 12

Key products

Built to perform in the most extreme environments found in petrochemical spaces.



Defend Flood™ Series
Explosion-proof LED Floodlight
pg. 10



Conquer™ Series Floodlight
Mid-watt Hazardous Rated LED Flood
pg. 10



LFXB LED Series
Explosion-proof Linear LED
pg. 11

Lighting for Petrochemical

Phoenix can provide durable and high-performing lighting systems that create a safe and productive work environment for various petrochemical applications. Petrochemical facilities are complex, and each space of a facility has its own unique lighting requirements. The most extreme environments require superior illumination and Phoenix uses the highest standards of construction and quality for protection in any circumstance. Our solutions for each petrochemical application deliver reliable, long-lasting light for a functional environment that requires no light-related maintenance so crew members can address other priority maintenance. Facility operations benefit from decreased energy costs for a quick recovery of their lighting investment.

Applications

- oil & gas terminals
- off-shore & on-shore drilling
- oil & gas storage
- oil rail yards & terminals
- tank farms & oil depots
- oil treating facilities
- oil production plants
- refined product plants (gasoline, diesel, lubricating oil)
- liquified natural gas facilities
- compressor stations
- gas fractionation & processing facilities
- biotechnology facilities
- corn & grain conversion facilities
- agricultural processing facilities
- chemical refineries
- specialty chemical, plastics & fertilizer plants
- chemical cleaning production plants



Lighting for Energy

Energy plants are demanding environments that require superior illumination designed to withstand high temperatures and hazardous conditions. Phoenix provides lighting solutions designed with the highest standards of construction and quality for various indoor and outdoor areas of energy facilities that aide the safety and security of workers. With LED lighting, fewer fixtures are needed to achieve greater visibility for a functional working environment. Our explosion-proof and hazardous location LED fixtures have a long lifespan, minimizing the need for lighting-related maintenance. Each area of a facility has unique illumination and environmental requirements, and Phoenix can provide uniform, glare-free light through precise optics and various color temperature options for any application.

Applications

- power plants
- utility plants
- transmission & distribution plants
- microgrids & battery storage
- conventional & renewable generation facilities



Lighting for Government

Phoenix offers the flexibility, modularity and scalability required for government projects. Our expertise in illuminating U.S. government applications dates back to the 1970s. Our lighting solutions are Made in the USA, BAA (Buy American Act) and TAA (Trade Agreement Act) compliant. Often used by the U.S. Army Corps of Engineers, Phoenix's fixtures withstand the toughest environments and provide the most effective solutions. Uniform, glare-free light can be achieved with our precise optics and various color temperature options. Services such as technical support and lighting simulations ensure each project's safety, budgetary and efficiency goals are met. For large area projects, a full range of solutions are available - from customized light fixtures and controls to high mast pole installation.

Applications

- military bases
- logistic facilities
- warehouses & hangars
- hazardous locations
- prisons & borders
- airfields
- outdoor flood lighting
- wet applications



Key products

Heavy-duty fixtures designed for the harsh environments of energy plants & facilities.



Defend Flood™ Series
Explosion-proof LED Floodlight
pg. 10



CVO
LED Conveyor Belt Light
pg. 13



ModCom® 3 Series
Hazardous Rated LED Floodlight
pg. 10

Key products

Purpose-built and BAA compliant fixtures for mission critical applications.



Command® Flood Series
Marine Grade Floodlight
pg. 12



Highland® Series
High Mast & Area
LED Floodlight
pg. 12



CLIR™ Series
High Performance LED
Large Area Floodlight
pg. 12

Lighting for Ports & Terminals

Port operators around the world choose Phoenix for their container handling equipment and yard lighting because these applications demand the highest level of durability along with uniform, consistent light. Quality fixtures are necessary to withstand corrosion, shock and vibration, and Phoenix's lights are designed to endure these conditions so operations can continue at all hours. Enabling operators to effectively see what's happening under them will optimize productivity and maintain the highest safety standards. Our container yard lighting and intelligent controls system maximizes a facility's security and safety. This specialized solution brings a new level of operational efficiency and asset management to ports and terminals.

Applications

- container handling cranes
- reach stackers & other mobile equipment
- container yards
- bulk handling equipment



Key Products

Built to withstand harsh and saltwater environments found in ports & terminals.



EcoMod® 3 Series
Heavy Duty Floodlight
pg. 12



Wayfinder™
LED Accessway Light
pg. 13



Highland® Series
High Mast & Area LED Floodlight
pg. 12

Lighting for Food & Beverage

Phoenix manufactures quality LED lighting ideal for the production and processing of food and beverage, including high-pressure wash-down, cold storage, production floor and other demanding areas. The safety and sanitation of a food processing facility is essential, especially when tasks involve operating heavy machinery and the use of sharp utensils. These initiatives can be achieved with an optimized lighting system that meets adequate illumination levels enhancing worker visibility, concentration, and productivity. Phoenix can provide a customized lighting solution for the various applications of food and beverage facilities that provides energy and maintenance savings through the latest in LED technology.

Applications

- meat & poultry processing facilities
- food distribution & storage facilities
- desalination water treatment plants
- sugar processing plants
- baked, frozen & prepared food plants
- dairy processing plants
- packing plants
- fruit & nut processing facilities



Key Products

Suited for the various spaces of food and beverage processing facilities.



DLAW 2 docklite®
Wet Location LED
Task Light
pg. 15



Cube-Light
Compact LED Area Light
pg. 13



Conquer™ Series Linear
Mid-watt Hazardous Rated
Linear LED
pg. 11

Lighting for Pulp, Paper & Wood

Pulp, paper and wood facilities have many different areas, and each requires its own type of industrial lighting. Due to the nature of its operations, mills of all types need explosion-proof or hazardous location rated fixtures that won't pose a risk to explosions or fires. Phoenix's proven lighting solutions are designed to perform in the extreme conditions of paper and pulp mills or similar environments. Our lighting systems include a broad range of industrial light fixtures with unique design features to increase visibility and promote a safe working environment. With custom optics, various mounting brackets, different voltage and light output options, our solutions are designed to be customizable depending on each application's needs and requirements.

Applications

- paper mills
- forest product mills
- converting plants
- wood processing plants
- saw mills



Lighting for Aviation

We've worked with airports to install our high mast LED floodlights to enhance worker performance through advanced glare control and uniform light coverage. Our turnkey large area lighting package is designed to be customizable depending on the requirements of each project. Our solutions include lighting simulations and review of structural design. If needed, we can provide the complete scope of supply - including fixtures, wiring, electrical connection, poles and rings. With optional lighting controls, airports can program light levels around activity and capture additional maintenance and energy savings. Additional services include project management, installation service and extended warranty options.

Applications

- ramps/aprons
- hangars
- baggage & service areas
- large area lighting
- perimeter lighting



Key Products

Designed to perform in the extreme conditions of pulp, paper and wood facilities.



Defend Flood™ Series
Explosion-proof LED Floodlight
pg. 10



HDL-LED Series
Heavy Duty LED
pg. 11



DLA 2 docklite
9W Modular LED Loading Dock
Light Head
pg. 15

Key Products

Superior lighting and controls that meet unique aviation safety requirements.



Highland® Series
High Mast & Area
LED Floodlight
pg. 12



CLIR™ Series
High Performance LED
Large Area Floodlight
pg. 12



Soar™ Series
High Mast & Large
Area LED
pg. 12

Hazardous Rated Flood Lighting

ModCom® 3 Series Hazardous Rated LED Floodlight

Patents pending



Certified to C1D2, C2D2, C3
Wattage up to 121W, 231W (pictured) or 438W
Lumens up to 15,000, 30,000, or 52,500
Warranty 5 years



Defend Flood™ Series Explosion-proof LED Floodlight



Certified to C1D1
Wattage 100W or 165W
Lumens up to 14,000 or 23,500
Warranty 5 years



SLX LED Explosion-proof LED Floodlight



Certified to C1D1, C1D2, C2D1, C2D2, C3
Wattage 44W
Lumens up to 3800
Warranty 5 years



SLXP LED Portable Explosion-proof LED Floodlight



Certified to C1D1, C1D2, C2D1, C2D2, C3
Wattage 44W
Lumens up to 3800
Warranty 5 years



Conquer™ Series Floodlight Mid-watt Hazardous Rated LED Flood



Certified to C1D2, C2D2
Wattage 60W
Lumens 6000
Warranty 5 years (-40°C to +64°C ambient temperature)



Hazardous Rated Linear, Area & Vaporproof Lighting

HDL-LED Series Heavy Duty LED

US Design Patent No. D720,875



Certified to C1D2
Wattage 28W, 55W (pictured) or 83W
Lumens 2850, 5700 or 8550
Warranty 5 years



DLX LED *docklite*® Explosion-proof LED Task Light



Certified to C1D1, C1D2, C2D1, C2D2, C3
Wattage 44W
Lumens up to 3800
Warranty 3 years



LFXB LED Series Explosion-proof Linear LED

EMB option



Certified to C1D1, C2D1
Wattage 40W (pictured) or 80W
Lumens up to 4200 or 8400
Warranty 3 years



Metallic LED VP Series Vaporproof Fixture & Retrofit Kit

US Design Patent No. D642,327;
 US8,348,476 B2; D650,518



Certified to C1D2, C2D2
Wattage 17W
Lumens 1336
Warranty 5 years



Conquer™ Series Linear Mid-watt Hazardous Rated Linear LED



Certified to C1D2, C2D2
Wattage 60W (pictured) or 80W
Lumens 6,600 or 9,400
Warranty 5 years (-40°C to +64°C ambient temperature)



High-wattage Flood & Large Area Lighting

EcoMod® 3 Series Heavy Duty LED Floodlight

Patents pending



Wattage up to 121W, 231W (pictured) or 438W
Lumens up to 15,000, 30,000, or 52,500
Warranty 5 years



Command Flood® Series Marine Grade Crane Floodlight



Wattage 120W, 240W (pictured) or 360W
Lumens up to 15,300, 32,000 or 48,000
Warranty 5 years



Highland® Series High Mast & Area LED Floodlight



Wattage up to 265W or 530W (pictured)
Lumens up to 40,000 or 80,000
Warranty 5 years



CLIR™ Series High Performance LED Large Area Floodlight



Wattage 630W
Lumens 85,000
Warranty 5 years



Soar™ Series High Mast & Large Area LED



Wattage 960W
Lumens up to 130,000
Warranty 5 years



Linear, Area & Vaporproof Lighting

ReadiLED™ Series LED Snaplight® and Retrofit Kit

EMB option



Wattage 19W (pictured) or 38W
Lumens 1975 or 3617
Warranty 3 years



Wayfinder™ LED Accessway Light

Patent pending
Integrated EMB option



Wattage 9W
Lumens up to 1100
Warranty 5 years



LEDLT LED Tube Light

Available in AC & DC



Wattage 10W
Lumens 1250
Warranty 5 years



CVO LED Conveyor Belt Light



Wattage 50W
Lumens up to 6500
Warranty 3 years



Cube-Light Compact LED Area Light

Australian Design No. 359170;
US Patent No. D762,321 S
Available in AC & DC



Wattage 13W
Lumens up to 1000
Warranty 3 years



Cube-Light Wall Mount Compact LED Area Light

Australian Design No. 359170;
US Patent No. D762,321 S
Available in AC & DC



Wattage 13W
Lumens up to 1000
Warranty 3 years



Mid-wattage Flood Lighting

Sturdilite® Master Series Low-voltage LED Floodlight



Wattage up to 24W, 48W or 82W
Lumens up to 2500, 5000 or 7600
Warranty 3 years

Sturdilite® Move Series Low-voltage LED Floodlight



Wattage 19W, 40W or 64W
Lumens up to 2000, 5000 or 7000
Warranty 1 year



Sturdilite® E-DC Series Low-voltage LED Floodlight



Wattage 15W, 24W, 56W or 90W
Lumens up to 880, 1800, 4500 or 7100
Warranty 1 year

Sturdilite® Grind 18W LED Floodlight



US Design Patent No. D957023

Wattage 18W
Lumens up to 2500
Warranty 5 years

SturdiLED® Super-rough Service LED Floodlight

US Design Patent No. D708,776



Wattage 37W
Lumens 2900
Warranty 5 years

Dock Lighting

FlexPro *docklite*® Flexible Arm LED Dock Light



Wattage 10W
Lumens up to 1100
Warranty 3 years

DLA 2 *docklite*® 9W Modular LED Loading Dock Light Head

US Design Patent No. D957023



Wattage 9W
Lumens 1100
Warranty 5 years

DLAW 2 *docklite*® 9W Wet Location LED Task Light



Wattage 9W
Lumens 1100 (fixture)
Warranty 5 years

Modular *docklite*® Polycarbonate Light Head



Wattage up to 250W PAR38 or BR40
(optional PAR38 LED lamp - 18W)
Lumens lamp dependent
(optional PAR38 LED lamp - 1700 lumens)
Warranty 3 years

Modular *docklite*® Arms Modular Dock Light Arm

Double strut
arms available



60 inch Single Strut Arm



42 inch Single Strut Arm



24 inch Single Strut Arm



Wire Lamp Guard

- offers theft and lamp damage protection
- 7.50 inch (191 mm) diameter
- for use with standard incandescent modular light head



Polycarbonate Guard

- offers lamp damage protection
- helps contain broken lamp glass
- for use with standard incandescent modular light head with a maximum of 70W



Fan

- 18.00 inch (457 mm) diameter
- use with Double Strut arm only
- rotates vertically and horizontally





PHOENIX[®]
DURABILITY X DESIGN[™]

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