

2023



Company Profile

Light Emitting Designs is a world leading manufacturer of high-quality LED luminaires for heavy industrial applications. Designed and engineered at our headquarters in United States, our sales and marketing offices span across all five continents.

Our patented advanced technologies deliver ultra-reliable and efficient lighting fixtures for all applications of the industrial sector. Light Emitting Designs product line is tailored to provide flexible lighting solutions for the most demanding environments such as hazardous location, food & beverage processing, and corrosive areas. From our flagship heavy Industrial High-Bays to our Corrosion Resistant fixtures, Light Emitting Designs offers the most versatile mounting and optical choices in the industry.

Within the past 20 years, Light Emitting Designs fixtures have maximized the quality and productivity in heavy industrial working environments, while reducing energy and maintenance costs. With an industry leading track record of quality and warranty from thousands of satisfied customers, Light Emitting Designs is here to help you choose the right lighting solution to meet your needs.



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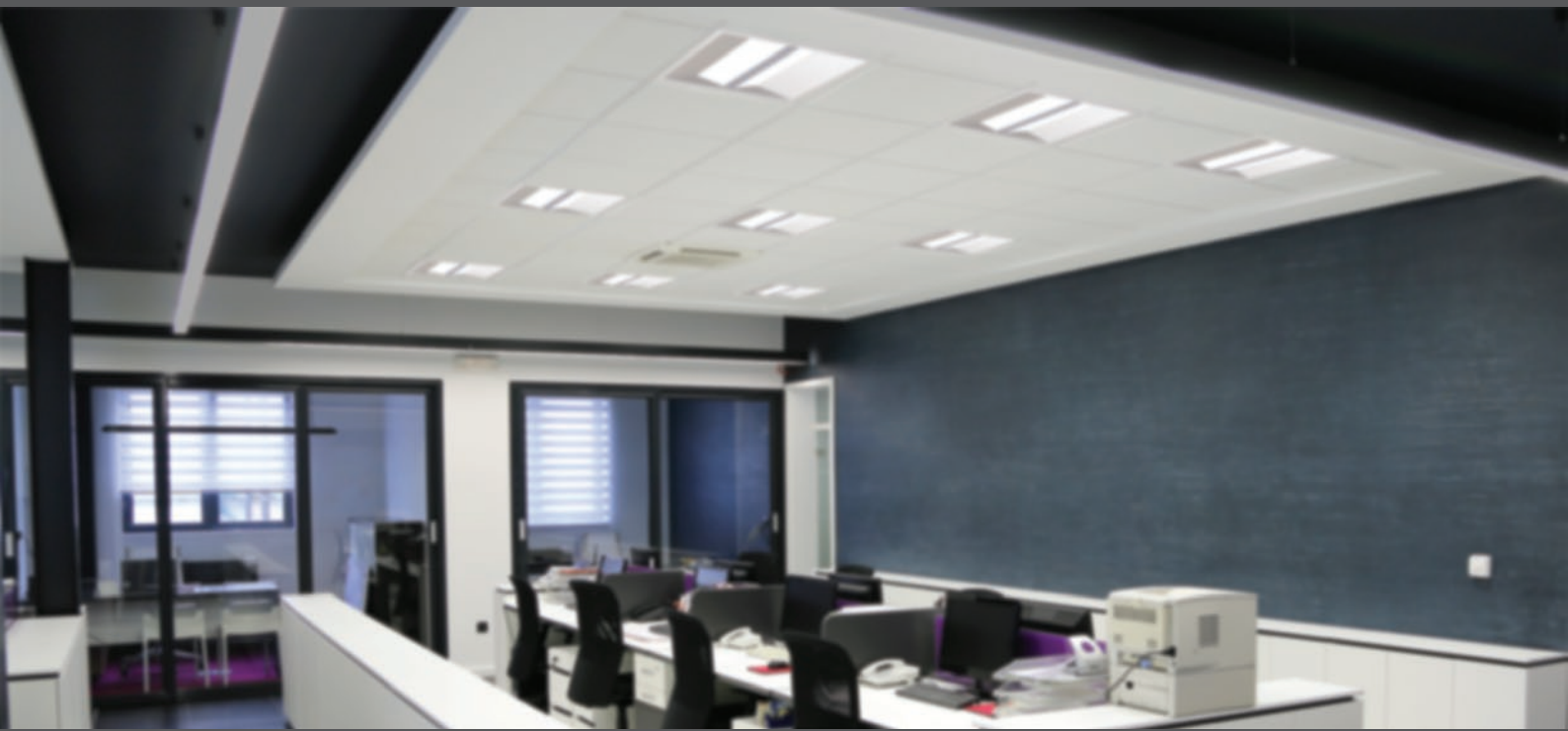
CLM60 Series

LED CEILING LUMINAIRE MODULE



CLM60 Series

LED Troffer / Office Lighting



Product Information

The CLM60 Series Office Luminaire has a high-tech architectural design incorporating indirect lighting with butterfly optics. This low profile patented optical design enables glare-free, uniform lighting with evenly distributed horizontal and vertical lumens.

The CLM60 is available with interactive wireless smart control and PIR motion sensor for greater flexibility and maximum Return on Investment (ROI). A simplified field serviceable modularized light engine and LED driver prolongs fixture usage far beyond its 7-year warranty period.

Patent No.US 8,864,332 B2
Other US and international patents pending



Applications

- Commercial Office
- Healthcare
- Hospitality
- Schools

CLM60 Series

LED Troffer / Office Lighting



Years Warranty



Smart Control

Advantages of CLM60

- Standard 2' x 2' LED replacement office / troffer luminaire
- Available in 20 & 30 Watt configurations
- Ultra-bright high efficacy up to 160 lm/W
- Indirect butterfly optical design enables glare-free soft comforting light without the uncomfortable “eye piercing” effect
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- Optional wireless smart control and motion sensor with soft dimming function
- Light weight (2.5kg / 5.5lbs) eliminates the need for costly ceiling reinforcement
- Field serviceable light engine and driver, ideal for retrofit and new construction
- L70 ≥ 100,000 hour rated life with 7-year limited warranty
- Designed and engineered in the USA

CLM60 Series

LED Troffer / Office Lighting

Ordering Information

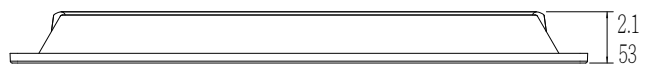
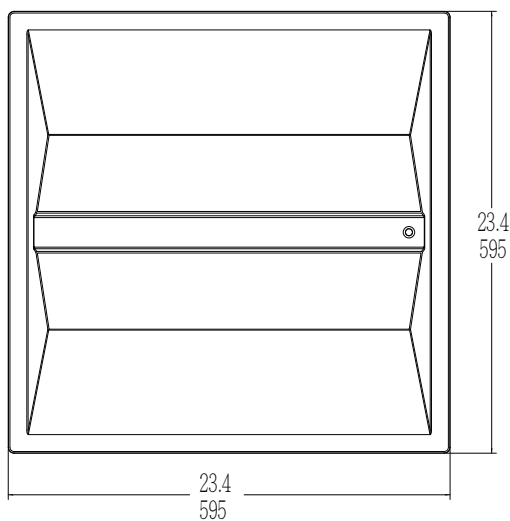
CLM60	Wattage	—	CCT	Driver & Control
	20 = 20Watt 30 = 30Watt		30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Sensor SC = Smart Control

NOTE: White is the standard housing color.

Example

Part Number	Part Description
CLM6020-40ND	Ceiling Luminaire Module 2' x 2' (600 x 600mm) / 100-277VAC / 20Watt / 4000K Neutral White / Non-Dimmable

External Dimensions



Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
8	62 x 62 x 48.5cm 24.4 x 24.4 x 19.1 in	23.6 kg 52 lbs



CB Series

LED LOW BAY RETROFIT LIGHT BULB



CB Series

LED Low Bay Retrofit Light Bulb



Product Information

The CB Series is a high efficacy LED corn bulb delivering 360° spherical wide angle optics and providing a cost-effective retrofit solution for mainstream HID lamps with standard E26 and E40 bulb sockets. Advanced Thermal Technology enables low LED junction temperatures (Tj) to ensure long LED lifespan. Ideal for budgetary low bay lighting projects, the CB Series provides significant savings with virtually zero costs associated with labor and parts, while driving quality and efficiency.



Years Warranty



Wet Location

Advantages of CB E40

- Standard E26 & E40 corn bulb retrofit solution
- Ultra-bright high efficacy of up to 165lm / W
- Available in 20 & 40Watt configurations
- Direct replacement of traditional HID bulbs
- 360° spherical wide-angle optics with 80CRI
- Low LED junction temperatures (Tj) for maintenance free lifespan
- Ideal for budgetary lighting projects
- Ballast free direct AC operation for low maintenance cost
- L70 Rating \geq 40,000 hours and 5-year limited warranty
- Designed and engineered in the USA

Applications

- Manufacturing Plants
- Warehouse
- Public Buildings
- Retail Stores
- Supermarkets
- Basements

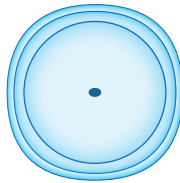
CB Series

LED Low Bay Retrofit Light Bulb

Optics Options

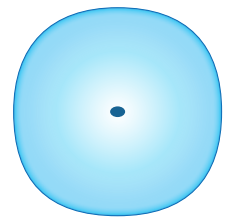
SC - Spherical Round Clear / spherical symmetric for area lighting, parking garages and wide flood applications

M - Medium



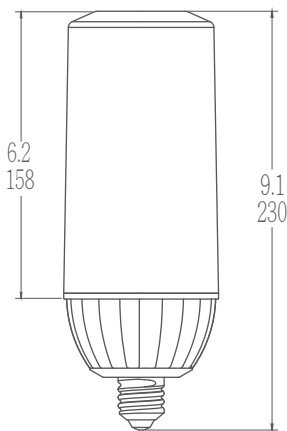
SF - Spherical Round Frosted / spherical symmetric for ultra uniform & low glare applications

L - Long

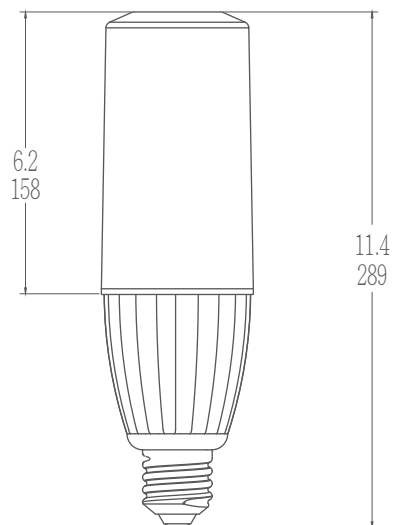


External Dimensions

CB E26 / E27



CB E40



CB Series

LED Low Bay Retrofit Light Bulb

Ordering Information

CB -	Socket		-	Voltage		-	Optics		-	CCT	
	Wattage										
	E2 = E26 - E27 E4 = E40	20 = 20 Watt 40 = 40 Watt		UV = 100-277VAC HV = 200-480VAC			SCM = Spherical Clear Medium SFL= Spherical Frosted Long			30 = 3000K 40 = 4000K 50 = 5000K	

NOTE: White is the standard color for socket and housing.

Example

Part Number	Part Description
CB-E220-UVSCM-50	LED Corn Light Bulb / E26 - E27 / 20 Watt / 100-277VAC / Spherical Clear Medium / 5000K Cool White

Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
CB-E40	9	32 x 32 x 32 cm 12.6 x 12.6 x 12.6 in	7.8 kg 17.2 lbs



ILB Series

LED HIGH-LOW BAY RETROFIT LIGHT BULB



ILB Series

LED High-Low Bay Retrofit Light Bulb



Product Information

The ILB Series is a high efficacy LED industrial light bulb providing a cost-effective retrofit solution with a short ROI period.

It's constructed from quality grade raw materials and incorporates high power density delivering excellent light output for its compact size. The ILB Series is ideal for budgetary lighting projects by providing significant savings with virtually zero costs associated with labor and parts, while driving quality and efficiency.



Years Warranty

Advantages of ILB E40

- E40 industrial light bulb retrofit solution
- Available in 30 / 50 / 70 Watt configurations
- Ultra-bright high efficacy up to 180 lm / W
- Cost-effective solution with a short ROI period
- Ballast free direct AC operation for low maintenance cost
- Direct replacement of up to 250W HID lamps
- Ideal for budgetary lighting projects
- 80CRI for exceptional color rendition
- L70 ≥ 40,000 hours with 5-year limited warranty
- Designed and Engineered in the USA

Applications

- Manufacturing Plants
- Warehouses
- Supermarkets
- Cold Storage Facilities
- Telecom Centers

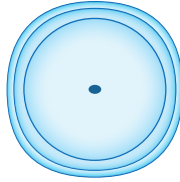
ILB Series

LED High-Low Bay Retrofit Light Bulb

Optics Options

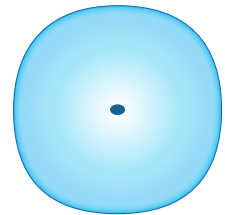
R5 - Type V Round / symmetric for low-mid bay, parking garages and flood applications

M - Medium

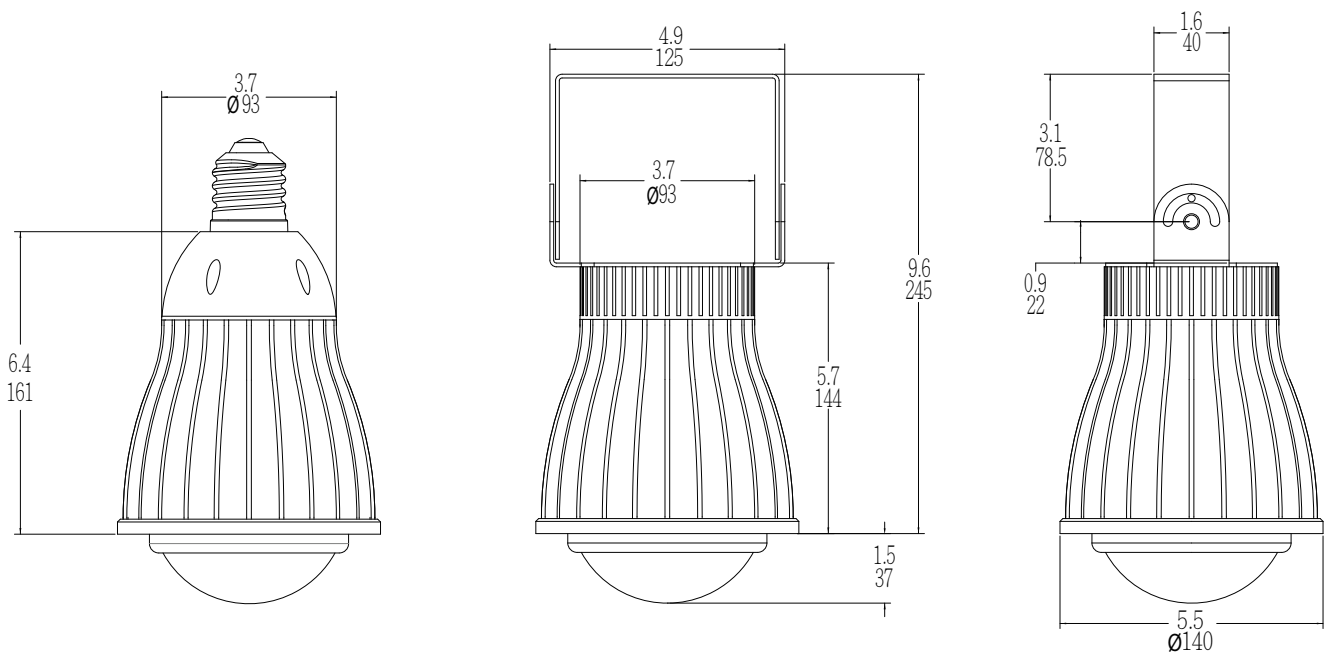


F5 - Type V Opaque - Frosted / spherical symmetric for ultra uniform & low glare applications

L - Long



External Dimensions



ILB Series

LED High-Low Bay Retrofit Light Bulb

Ordering Information

ILB -	Wattage	Voltage	Optics	CCT	Driver & Control *	Mounting
	30 = 30Watt 50 = 50Watt 70 = 70Watt	UV = 100-277VAC HV = 200-480VAC			ND = Non-Dimmable DM = Dimmable	

* Dimmable option only available with (SWL) swivel mount.
NOTE: White is standard color for E40 socket and housing.

Example

Part Number	Part Description
ILB-70UV-R5M-50ND-SWL	LED Industrial Retrofit Light Bulb / 70 Watt / 100-277VAC / Type V Round Medium / 5000K Cool White / Non-Dimmable / Swivel Mount

Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
ILB-E40	9	50 x 32 x 50 cm 19.7 x 12.6 x 19.7 in	18.1kg 40 lbs
ILB-SWL	9	50 x 32 x 50 cm 19.7 x 12.6 x 19.7 in	18.5kg 40.8 lbs



LU Series

INDUSTRIAL LINEAR LED LUMINARE



LU Series

LED Industrial Linear Lighting



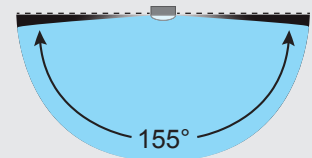
Product Information

The LU Series is an IP67-rated LED linear industrial utility light providing reliability and visual clarity for a variety of low to mid-bay lighting applications such as parking structures, manufacturing facilities and warehouses.

This tri-proof fixture delivers ultra-wide glare free, 155° uniform lighting with an optional all-inclusive emergency battery backup system and motion sensor with soft-dimming function.

A light-weight, robust structural design with IK10 impact-rating ensures a long-lifespan for all industrial applications. The LU Series incorporates versatile mounting systems and has an accessible junction box for easy wiring and end-to-end installation.

Patent No.US 10,222,052 B1
Other US and international patents pending



Wide Angle Optics

Applications

- Manufacturing Plants
- Warehouses
- Cold-Storage Facilities
- Parking structures
- Telecom Centers
- Clean Rooms
- Supermarkets

LU Series

LED Industrial Linear Lighting



Years Warranty



Wet Location

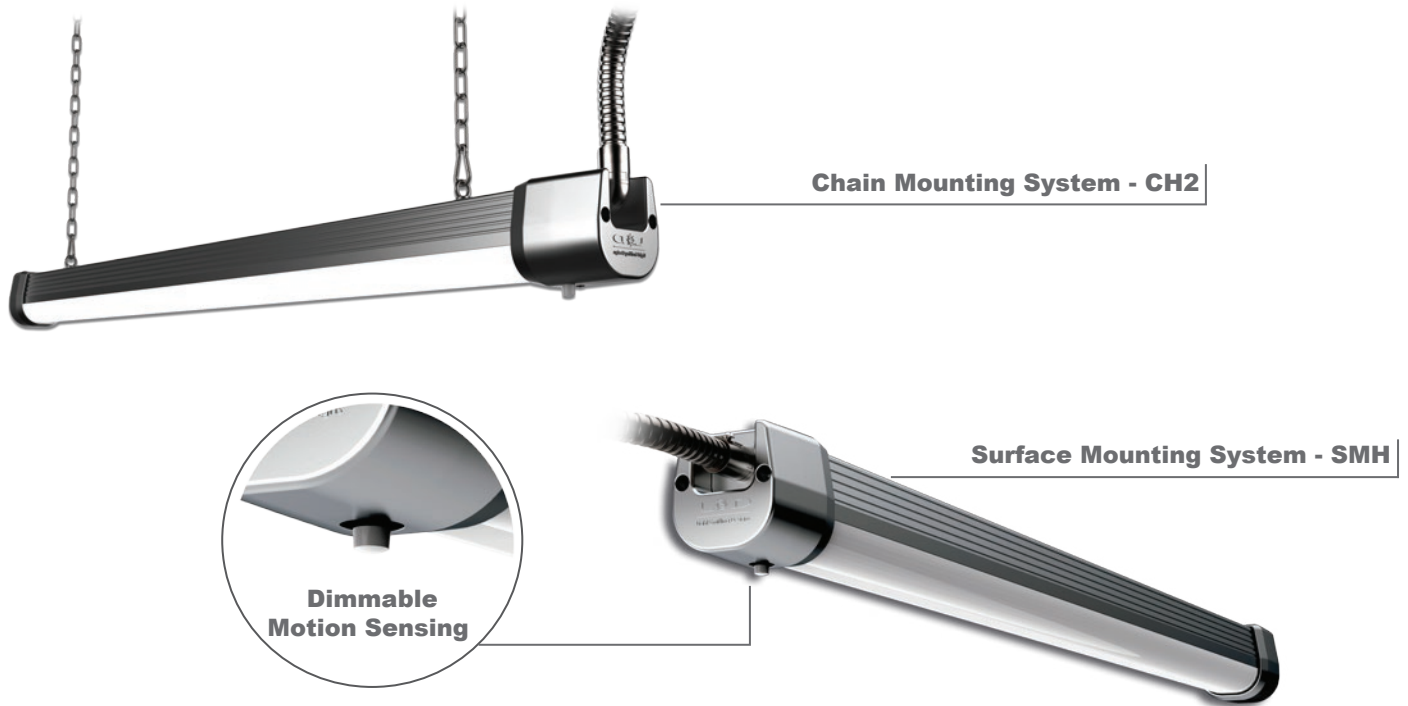


Impact Resistance

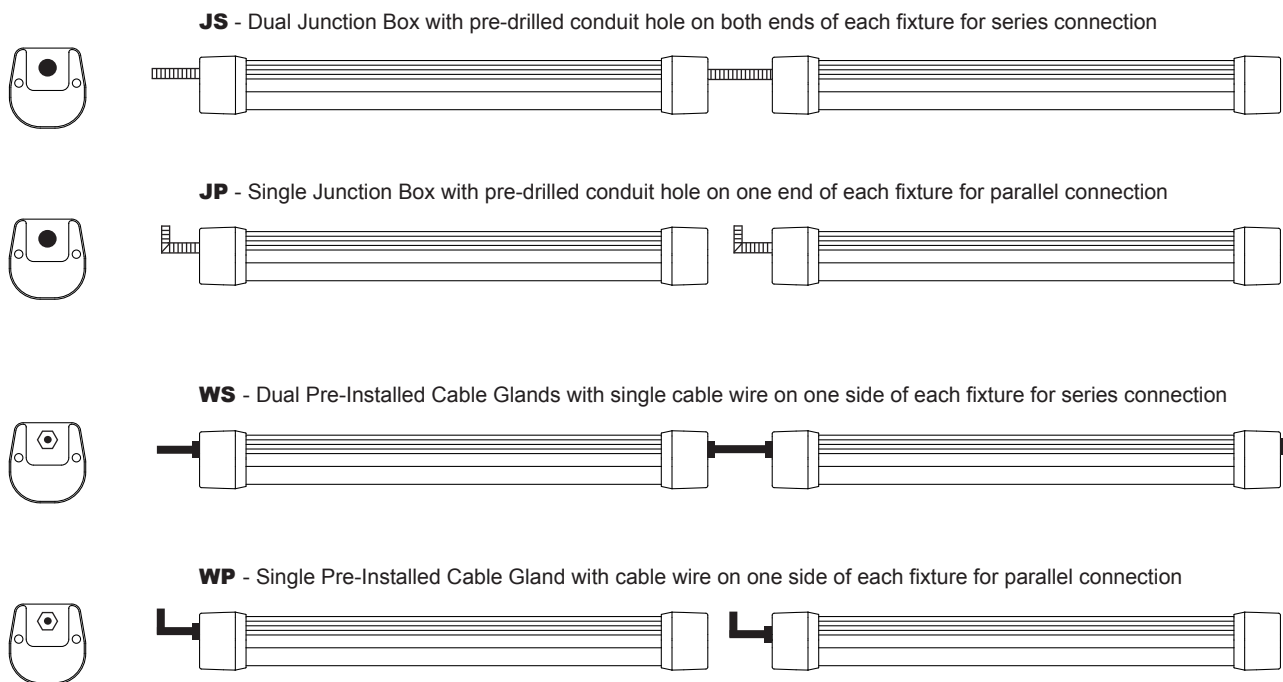
Advantages of LU Series

- IP67 rated tri-proof (dust, vapor & water-proof) LED linear industrial utility light
- High-efficacy fixture with up to 170 lm/W
- Flexible wattages and lengths ranging from 20~120 Watt
- Robust design with IK10-rated fixture housing
- Glare free 155° wide angle optics reducing fixture count by up to 25%
- Lightweight design with an accessible junction box for simplified installation
- 80 CRI for exceptional color rendition
- Optional smart-control and motion sensor with a soft-dimming function
- Optional all-inclusive emergency battery backup system of 10 Watt for 90 minutes
- Versatile mounting options for all types of applications
- L70 ≥ 100,000 hours with 7-year limited warranty
- Designed and engineered in the USA

Mounting Options

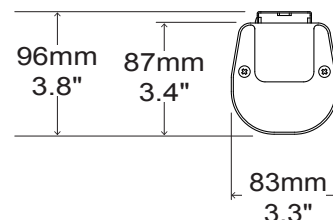


Wiring Options



External Dimensions

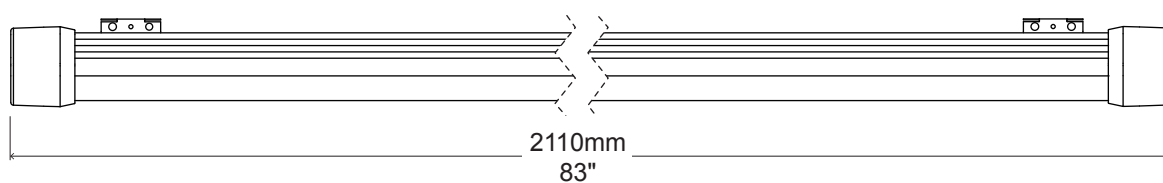
LU072



LU104 / LU1E4 / LU106 / LU1E6



LU208 / LU212



Packaging Information

Model	Case Quantity	Dimensions (L x W x H)	Weight
LU072	6	83 x 36 x 21 cm 32.7 x 14 x 8.3 in	13 kg 28.6 lbs
LU104	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LU1E4/1E6	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LU106	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LU208	4	217 x 24 x 21 cm 85.5 x 9.5 x 8.3 in	26.5 kg 58.4 lbs
LU212	4	217 x 24 x 21 cm 85.5 x 9.5 x 8.3 in	26.5 kg 58.4 lbs

LU Series

LED Industrial Linear Lighting

Ordering Information

LU	Length & Wattage*	Wiring**	Optics	CCT	Driver & Control	Mounting***
	072 = 74cm / 29" / 20Watt 104 = 111cm / 44" / 40Watt 1E4 = 111cm / 44" / 40/10Watt 106 = 111cm / 44" / 60Watt 1E6 = 111cm / 44" / 60/10Watt 208 = 211cm / 83" / 80Watt 212 = 211cm / 83" / 120watt	JS = J-Box in Series JP = J-Box in Parallel WS = Cable in Series WP = Cable in Parallel	FL = Frosted Long CM = Clear Medium	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Motion Sensor	SMH = Surface Mount CH2 = 2 Chain Mount

* LU1E emergency battery back up series is available in standard 40 and 60 Watt configurations with an all-inclusive charger, battery, indicator and test switch.

**When ordering JS or JP Wiring options, please specify required conduit hole diameter.

***Multi Mount system comes standard enabling surface, threaded rod and chain mounting.

Example

Part Number	Part Description
LU104-JSFL-50DS-SMH	LED Industrial Linear Light / 111cm - 44" / 40 Watt / 100-277VAC / J-Box in-Series / Frosted Long / 5000K Cool White / Dimmable + Sensor / Surface Mount



IL280 Series

INDUSTRIAL GRADE LED LUMINARE



IL280 Series

LED Industrial Mid-Low Bay Lighting



Product Information

The IL280 series is a compact, low profile LED industrial light designed to replace traditional HID fixtures up to 250 Watt. Its patented thermal management system ensures low operating temperatures and an industry leading life expectancy of over 145,000 hours, with virtually zero fixture maintenance.

Proprietary optical system enables glare-free uniform lighting to ensure improved productivity and safety for all industrial applications. This IP68-rated robust fixture is available with optional daylight & motion sensing for maximum energy savings and greater flexibility, all with an exceptional 10-year limited warranty.

Patent No. US 8,272,765 B2 - US 8,757,842 B2 - US 9,383,084 B2
Other US and international patents pending

IL280 Series

LED Industrial Mid-Low Bay Lighting



Years Warranty



Wet Location



Impact Resistance

Advantages of IL280

- Technologically advanced, low profile LED industrial light
- Available in 35 / 55 / 75 Watt configurations with various optics
- Flexible Design with versatile mounting options for all applications
- Ultra-bright industry leading high efficacy up to 165 lm / W
- Proprietary optical system enabling glare-free uniform lighting, eliminating the need for costly and fragile plastic lenses
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- IP68 rated tri-proof (dust, vapor & water-proof) luminaire
- Optional daylight & motion sensing enabling greater savings and flexibility
- Available with versatile mounting options for various industrial applications
- Titanium rated high efficiency LED driver with smart circuitry
- L70 \geq 145,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

IL280 Series

LED Canopy Lighting



Applications

- Manufacturing Plants
- Cold Storage Facilities
- Warehouses
- Airports
- Multi-level Parking Garages
- Underground Parking Garage
- Carports & Garages
- Gas Stations
- Building Overhangs
- Entry Canopy
- Walkway Canopy

LED Parking Garage Lighting



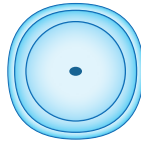
IL280 Series

LED Industrial Mid-Low Bay Lighting

Optics Options

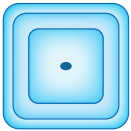
R5 - Type V Round / symmetric for mid-low bay, parking garages and flood applications

M - Medium



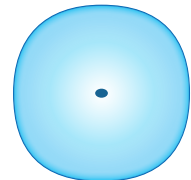
S5 - Type V Square / symmetric for mid-low bay, aisle and flood applications

S - Short



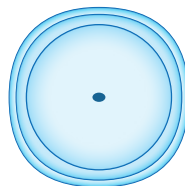
F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long



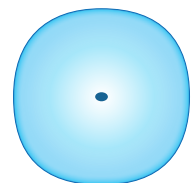
WC - Well Glass - Clear / spherical symmetric for area lighting, parking garages and wide flood applications

M - Medium



WF - Well Glass - Frosted / spherical symmetric for ultra uniform & low glare applications

L - Long



IL280 Series

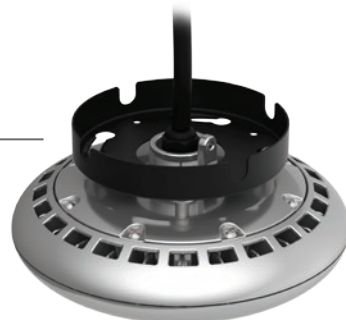
LED Industrial Mid-Low Bay Lighting

Mounting Options

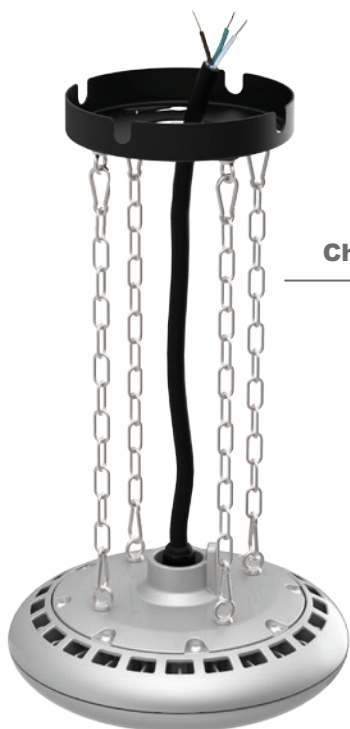


Swivel Mounting System - SWL

SST - Snap & Turn Surface
Mounting System

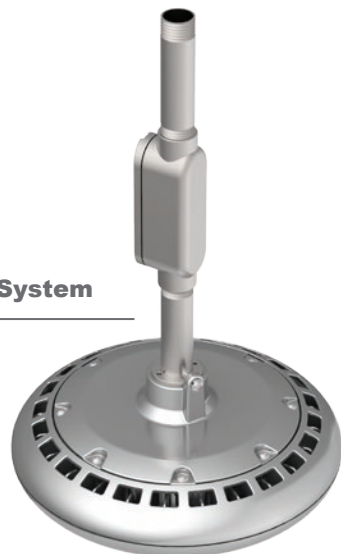


Canopy Mounting System - CPY



Chain Mounting System - CH4

PDS - Pendant Mounting System



IL280 Series

LED Industrial Mid-Low Bay Lighting

Ordering Information

IL28	Wattage	Voltage	Optics	Pitch	CCT	Driver & Control	Mounting *
	35 = 35Watt 55 = 55Watt 75 = 75Watt	UV = 100-277VAC DV = 127-390VDC	R5 = Type V Round S5 = Type V Square F5 = Type V Frosted WC = Well Glass Clear WF = Well Glass Frosted	S = Short M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Sensor	PDS = Pendant Mount SST = Snap & Turn Mount CH4 = 4 Chain Mount SWL = Swivel Mount CPY = Canopy Mount

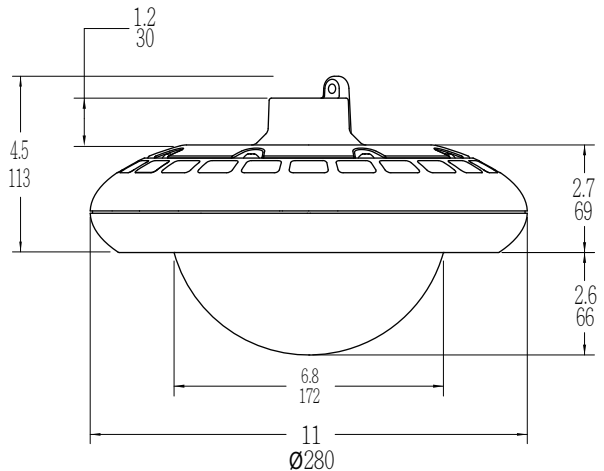
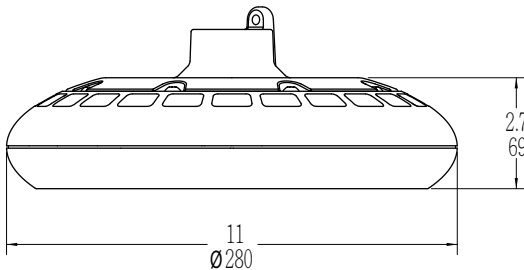
*PDS is the standard mounting system, Please specify conduit diameter of NPT 3/4" or 1".

NOTE: Gray is the standard exterior color.

Example

Part Number	Part Description
IL2835UV-R5M-50DM-SWL	IL280 LED Industrial Light / 35 Watt / 100-277VAC / Type V Round / Medium Pitch / 5000K Cool White / Dimmable / Swivel Mount

External Dimensions



Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
IL280	1	30 x 30 x 13.3 cm 11.2 x 11.2 x 5.3 in	3.9 kg 8.6 lbs
IL280 Well Glass	1	30 x 30 x 20 cm 11.2 x 11.2 x 7.8 in	4 kg 8.8 lbs





IL3525 Series

INDUSTRIAL GRADE LED LUMINARE



IL3525 Series

LED Industrial Mid-Low Bay Lighting



Product Information

The IL3525 Series is the next generation of IP68-rated LED industrial lighting for mid-low-bay applications. Its compact design incorporates the industry's highest power density and is available in numerous choices of mounting systems and optics for a wide range of light distribution patterns.

The butterfly optical design delivers wide angle ultra-bright uniform light output, and its patented thermal technology ensures low LED junction temperatures (T_j) with extended lumen maintenance and virtually zero fixture maintenance. The IL3525 is available with optional wireless technology and has an industry leading 10-year limited warranty.

Patent No. US 8,272,765 B2 - US 8,757,842 B2 - US 9,383,084 B2
Other US and international patents pending

IL3525 Series

LED Industrial Mid-Low Bay Lighting



Years Warranty



Smart Control



Wet Location



Impact Resistance

Advantages of IL3525

- Technologically advanced, low profile LED industrial light
- Available in 35 ~ 100Watt configurations with various optics
- Flexible design with versatile mounting options for all applications
- Cost effective solution with a short ROI period
- Ultra-bright industry leading high efficacy up to 150 lm / W
- Proprietary reflector optics enabling glare-free uniform lighting for all working environments, eliminating the need for costly and fragile plastic lenses
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- IP68 rated tri-proof (dust, vapor & water-proof) luminaire
- Ultra-wide angle butterfly optics reducing required fixtures by up to 25%
- Optional wireless smart control system with motion & daylight sensor enabling greater savings and flexibility
- Titanium rated high efficiency LED driver with smart circuitry
- L70 ≥ 135,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

IL3525 Series

LED Billboard Lighting



Applications

- Outdoor Billboards
- Murals & signage
- Painted Billboards
- Highway Signage
- Manufacturing Plants
- Cold Storage Facilities
- Warehouses
- Airports
- Gas Stations
- Building Overhangs
- Entry Canopies
- Walkway Canopies

LED Canopy Lighting



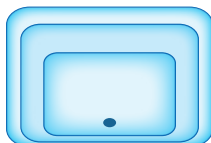
IL3525 Series

LED Industrial Mid-Low Bay Lighting

Optic Options

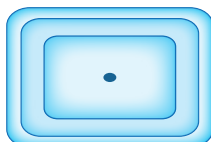
02 - Type II / wall mount & perimeter lighting applications

M - Medium



S5 - Type V Rectangular / symmetric for canopies, tunnels, parking garages and wide flood applications

M - Medium



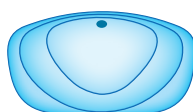
F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long



B2 - Billboard Lighting / asymmetric for billboards and signage applications

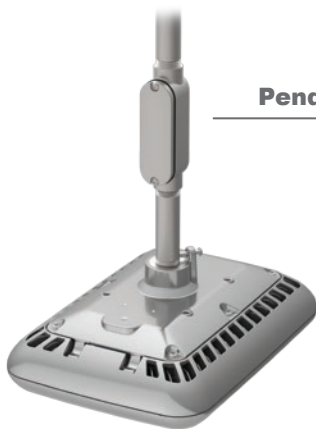
M - Medium



IL3525 Series

LED Industrial Mid-Low Bay Lighting

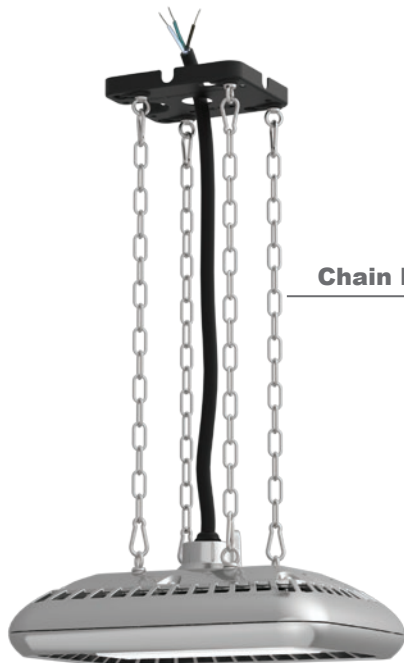
Mounting Options



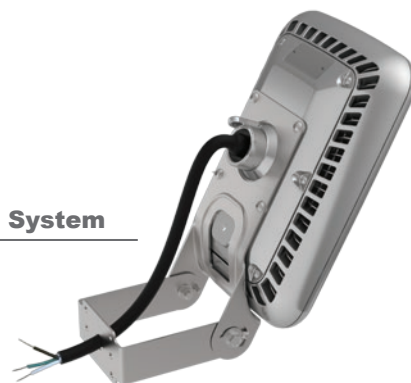
Pendant Mounting System - PDS



SSL - Snap & Slide Surface Mounting System



Chain Mounting System - CH4



SWL - Swivel Mounting System



CPY - Petroleum Canopy Mounting System

IL3525 Series

LED Industrial Mid-Low Bay Lighting

Ordering Information

IL3525	Wattage	Voltage	Optics	Pitch	CCT	Driver & Control	Mounting *
	035 = 35Watt 055 = 55Watt 075 = 75Watt 100 = 100Watt	UV = 100-277VAC DV = 127-390VDC	02 = Type II S5 = Type V Rectangular F5 = Type V Frosted	M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Sensor SC = Smart Control	PDS = Pendant Mount SSL = Snap & Slide Mount CH4 = 4 Chain Mount SWL = Swivel Mount CPY = Canopy Mount

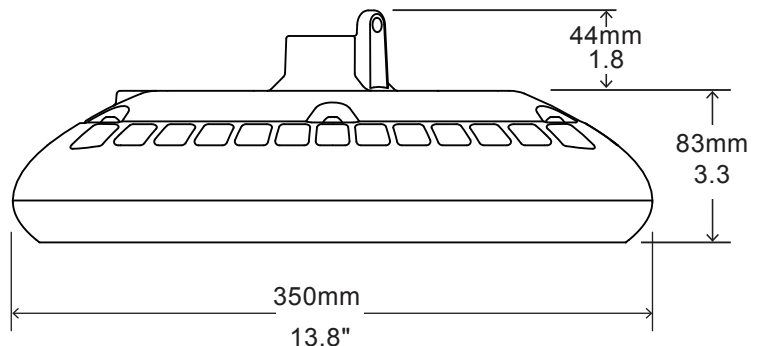
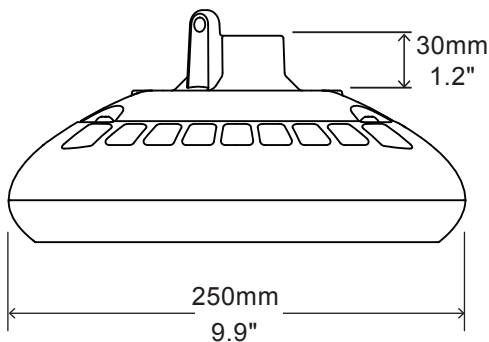
* PDS is the standard mounting system, please specify conduit diameter of NPT 3/4" or 1".

NOTE: Gray is the standard exterior color.

Example

Part Number	Part Description
IL3525-075UV-S5M-50ND-SSL	LED Industrial Light / 75 Watt / 100-277VAC / Type V Rectangular / Medium Pitch / 5000K Cool White / Non-Dimmable / Snap & Slide Mount

External Dimensions



Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
1	38.5 x 28.5 x 16.5 cm 15.2 x 11.25 x 6.5 in	5.7 kg 12.5 lbs



IL450 Series

INDUSTRIAL GRADE LED LUMINARE



IL450 Series

LED Industrial High Bay Lighting



Product Information

The IL450 Series is a technologically advanced LED industrial luminaire available in numerous choices of optics and versatile mounting systems for a variety of mid-high bay industrial applications. Its robust die-cast aluminium housing incorporates a patented air bi-pass convection system ensuring long LED life with extended lumen maintenance and virtually zero fixture maintenance.

The proprietary reflector controlled optical system delivers high efficacy, glare-free uniform lighting for exceptional visibility in all production processes. The IL450 is an IP68 rated robust industrial fixture available with optional wireless smart control.

Patent No. US 8,272,765 B2 - US 8,757,842 B2 - US 9,383,084 B2
Other US and international patents pending.

IL450 Series

LED Industrial High Bay Lighting



Years Warranty



Smart Control



Wet Location



Impact Resistance

Advantages of IL450

- Technologically advanced LED industrial light
- Flexible design with versatile mounting options for all applications
- Optional upward lighting module for retail applications to maximize space and comfort
- Cost effective solution with a short ROI period
- Available in 100 ~ 220 Watt configurations with various optics for different applications
- Ultra-bright industry leading high efficacy up to 170 lm / W
- Proprietary reflector optics enabling glare-free uniform lighting for all working environments, eliminating the need for costly and fragile plastic lenses
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- IP68 rated tri-proof (dust, vapor & water-proof) luminaire
- Optional wireless smart control system with motion & daylight sensor enabling greater savings and flexibility
- Versatile mounting options for various industrial applications
- Titanium rated high efficiency LED driver with smart circuitry
- L70 ≥ 150,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

IL450 Series

LED Industrial High Bay Lighting



Uplight Module Option

With innovation and flexibility in mind, Light Emitting Designs introduces the first true modularized, dual-sided, light-emitting highbay fixture. The uplight was designed and engineered specifically for applications requiring visual depth and ceiling height perception, such as big-box retail stores, supermarkets, airports, and upscale venues.

The uplight module is designed with a dedicated heatsink and is IP68-rated (water, vapor and dust-proof), providing over 2,500 lumens of upward light. The module is designed to provide discreet upward lighting without diminishing the aesthetics of the IL450.

Uplighting is available in all color temperatures and can be used with PDS or CH4 mounting options only. See the ordering information section for more about uplighting.



IL450 Series

LED High Mast Lighting



Applications

- Manufacturing Plants
- Warehouses
- Cold Storage
- Telecom Centers
- Outdoor Billboards
- Murals & Signage
- Painted Billboards
- Highway Signage
- Supermarkets
- Airports
- Retail Stores
- Sports Stadiums

Stadium / Sport Arena LED Lighting



IL450 Series

LED Industrial High Bay Lighting

Optic Options

02 - Type II / wall mount & perimeter lighting applications

S - Short

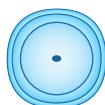


M - Medium

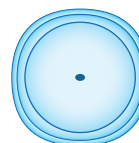


R5 - Type V Round / symmetric for low-mid-high bay, parking garages and flood applications

M - Medium



L - Long



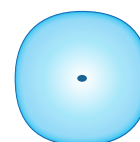
S5 - Type V Square / symmetric for high-bay, aisle, high-mast and flood applications

S - Short



F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long



B2 - Billboard Lighting / asymmetric for billboards and signage applications

S - Short

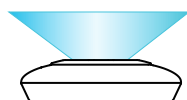


M - Medium



RU / SU / FU - Uplight / upwards emitting light module for big-box retail stores, supermarkets, and airports*

U - Uplight



* Uplight option available with all optics options

IL450 Series

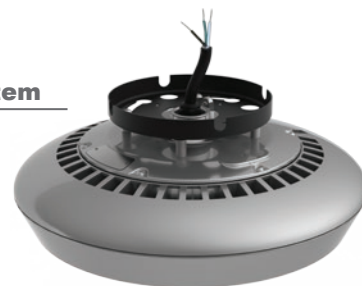
LED Industrial High Bay Lighting

Mounting Options



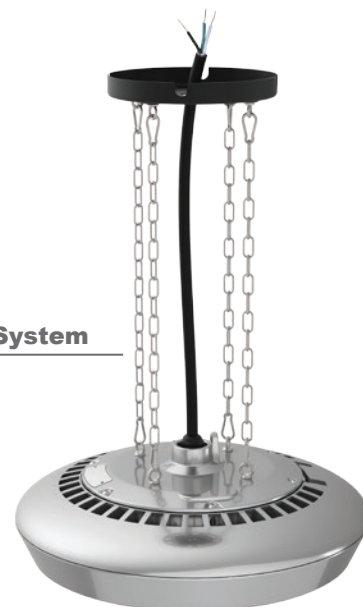
Swivel Mounting System - SWL

SST - Snap & Turn
Surface Mounting System

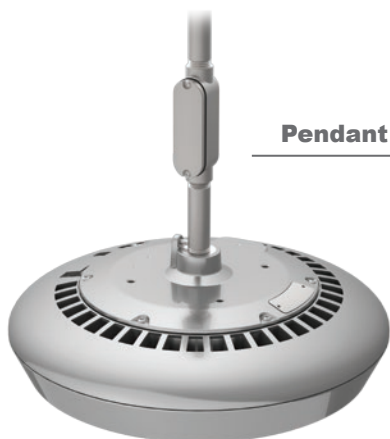


Wall Mounting System - W90

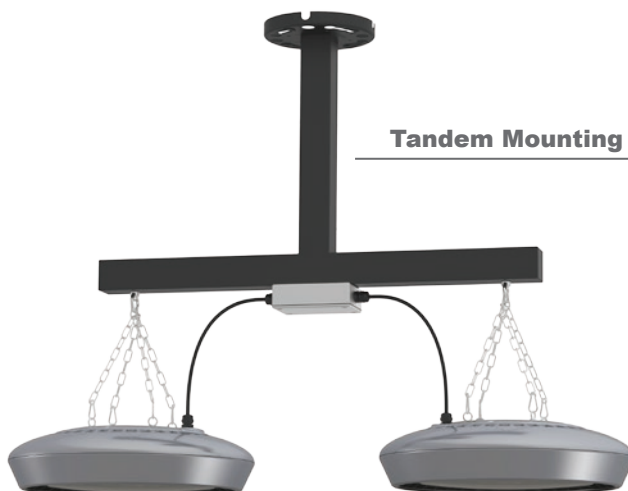
CH4 - Chain Mounting System



Pendant Mounting System - PDS



Tandem Mounting System - TMS



IL450 Series

LED Industrial High Bay Lighting

Ordering Information

IL45	Wattage	Voltage	Optics *	Pitch	CCT	Driver & Control	Mounting **
	100 = 100W 125 = 125W 150 = 150W 185 = 185W 220 = 220W	UV = 100-277VAC HV = 305-528VAC DV = 127-380VDC	02 = Type II R5 = Type V Round S5 = Type V Square F5 = Type V Frosted RU = R5 + Uplight SU = S5 + Uplight FU = F5 + Uplight B2 = Billboard	S = Short M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Sensor SC = Smart Control	PDS = Pendant Mount SST = Snap & Turn Mount CH4 = 4 Chain Mount W90 = 90° Wall Mount SWL = Swivel Mount TMS = Tandem Mount

* Uplight module is only available with CH4 & PDS mounting systems.

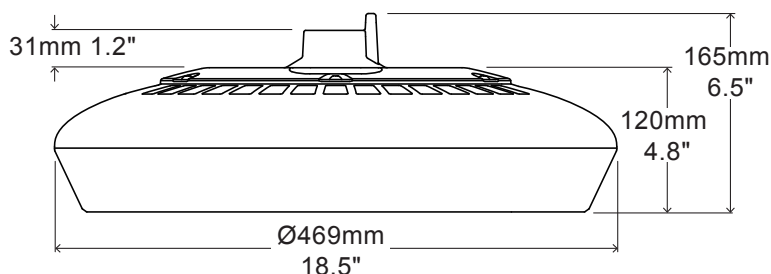
** PDS is the standard mounting system, please specify conduit diameter of NPT ¾" or 1".

NOTE: Gray is the standard exterior color.

Example

Part Number	Part Description
IL45150UV-R5M-50DM-PDS	LED Industrial Light / 150Watt / 100-277VAC / Type V Round / Medium Pitch / 5000K Cool White / Dimmable / Pendant Mount

External Dimensions



Packaging Information

Quantity	Dimensions (LxWxH)	Weight
1	50 x 50 x 23 cm 19.7x 19.7 x 9 in	12.5 kg 27.5 lbs



LX Series

TUNNEL LINEAR LED LUMINAIRE



LX Series

LED Tunnel Linear Lighting



Product Information

The LX Series is an IP69K-rated tri-proof, corrosion resistant linear LED tunnel luminaire designed to withstand the demanding environments of subterranean tunnels. It is available in 20 ~ 120Watt configurations and provides wide angle glare free, uniform lighting improving visibility and safety for all motorists.

The high efficacy LX Series incorporates an optional emergency battery backup system, motion sensor with soft dimming function and versatile mounting systems for all types of tunnel applications. This robust linear light has an IK10-impact rating and an all-inclusive dual sided junction box for easy to install end to end connectivity.

Patent No.US 10,222,052 B1

Other US and international patents pending

Applications

- Road Tunnels
- Utility Tunnels
- Underpasses
- Undersea Tunnels
- Metro Line Tunnels
- Tunnel Boring

LX Series

LED Tunnel Linear Lighting



Years Warranty



Wet Location



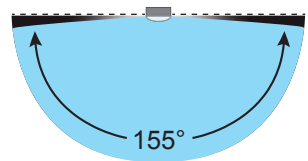
Pressure Washable



Impact Resistance

Advantages of LX Series

- IP69K rated tri-proof (dust, vapor & water-proof) LED tunnel light
- High efficacy fixture up to 170 lm / W
- Flexible wattages and lengths ranging from 20 ~ 120 Watt
- Corrosion resistant robust design with IK10-rated fixture housing
- Lightweight design with accessible junction box for simplified installation
- 80 CRI for exceptional color rendition
- Optional motion sensor with soft dimming function
- Optional all-inclusive emergency battery backup system 10 Watt / 90 minutes
- Versatile mounting options for all types of tunnel applications
- L70 ≥ 100,000 hours with 7-year limited warranty
- Designed and engineered in the USA

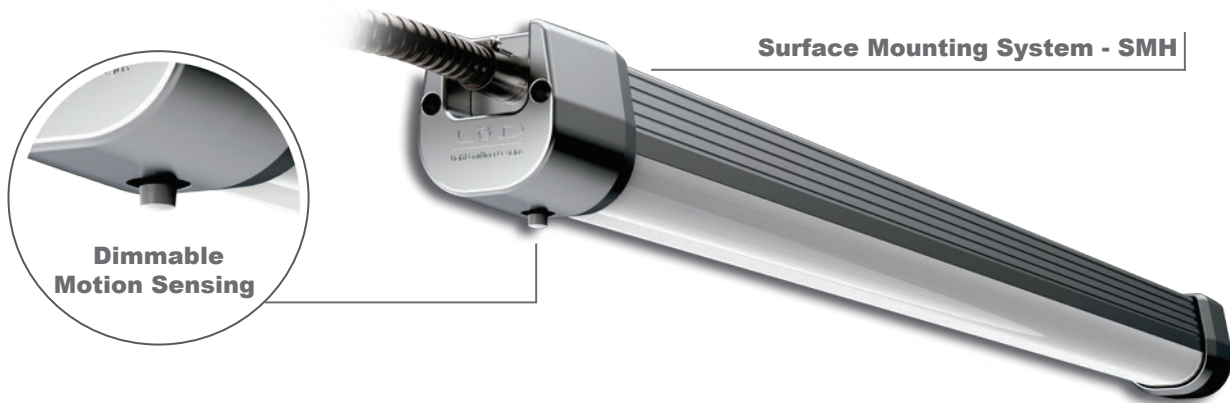


Wide Angle Optics

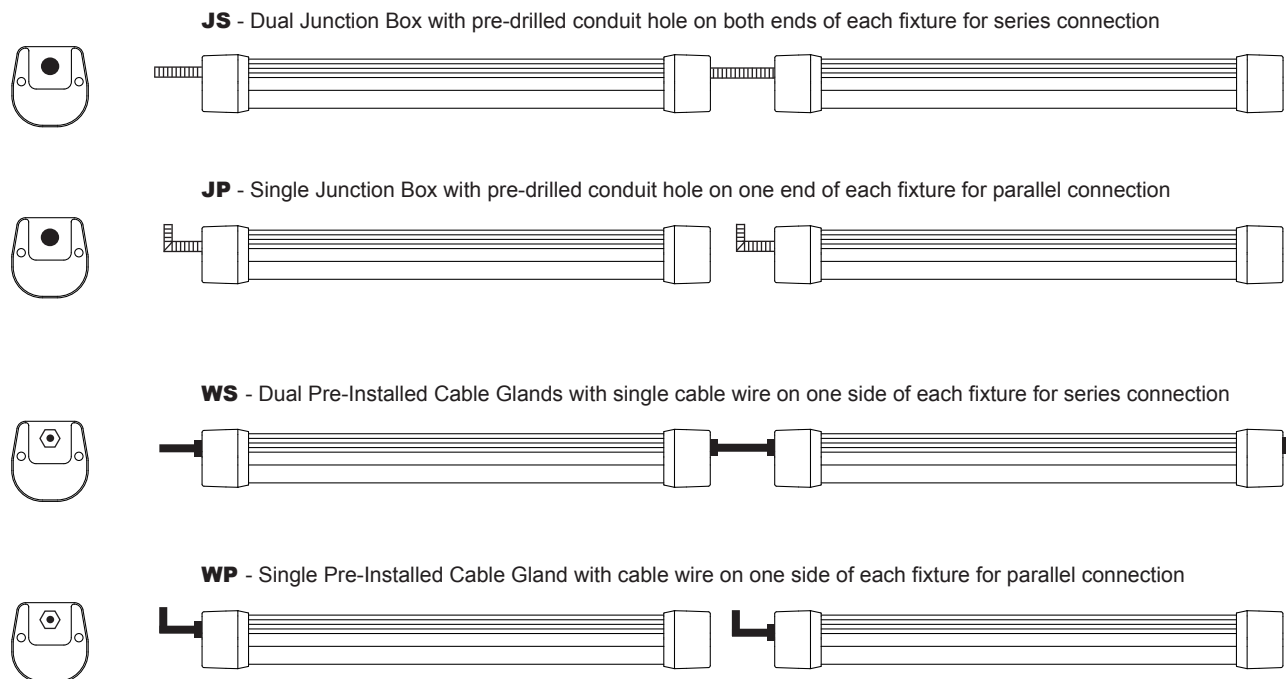
LX Series

LED Tunnel Linear Lighting

Mounting Options



Wiring Options

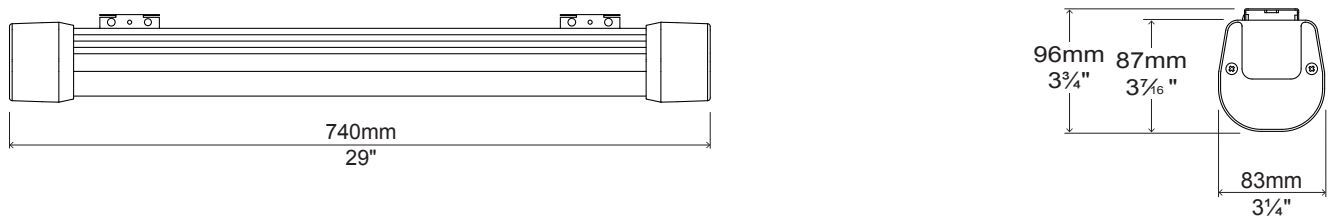


LX Series

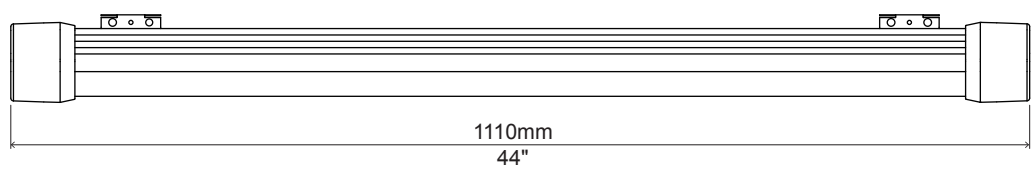
LED Tunnel Linear Lighting

External Dimensions

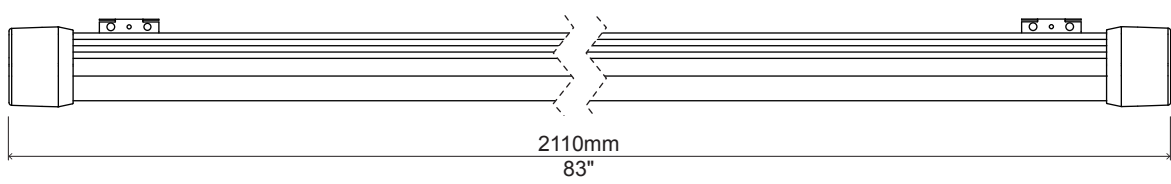
LX072



LX104 / LX1E4 / LX106 / LX1E6



LX208 / LX212



Packaging Information

Model	Case Quantity	Dimensions (L x W x H)	Weight
LX072	6	83 x 36 x 21 cm 32.7 x 14 x 8.3 in	13 kg 28.6 lbs
LX104	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LX1E4/1E6	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LX106	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LX208	4	217 x 24 x 21 cm 85.5 x 9.5 x 8.3 in	26.5 kg 58.4 lbs
LX212	4	217 x 24 x 21 cm 85.5 x 9.5 x 8.3 in	26.5 kg 58.4 lbs

LX Series

LED Tunnel Linear Lighting

Ordering Information

LX	Length & Wattage*	Wiring**	Optics	CCT	Driver & Control	Mounting***
	072 = 74cm / 29" / 20Watt 104 = 111cm / 44" / 40Watt 1E4 = 111cm / 44" / 40/10Watt 106 = 111cm / 44" / 60Watt 1E6 = 111cm / 44" / 60/10Watt 208 = 211cm / 83" / 80Watt 212 = 211cm / 83" / 120watt	JS = J-Box in Series JP = J-Box in Parallel WS = Cable in Series WP = Cable in Parallel	FL = Frosted Long CM = Clear Medium	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Motion Sensor	SMH = Surface Mount

* LX1E emergency battery back up series is available in standard 40 and 60 Watt configurations with an all-inclusive charger, battery , indicator and test switch.

**When ordering JS or JP Wiring options, please specify required conduit hole diameter.

***Multi Mount system comes standard enabling surface, threaded rod and chain mounting.

Example

Part Number	Part Description
LX104-JSFL-50DS-SMH	LED Tunnel Light / 111cm - 44" / 40Watt / 100-277VAC / J-Box in Series / Frosted Long / 5000K Cool White / Dimmable + Sensor / Surface Mount



ILX3525 Series

TUNNEL APPLICATION LED LUMINARE



ILX3525 Series

LED Tunnel Lighting



Product Information

The ILX3525 Series is an IP69K-rated compact, high efficacy LED tunnel light designed to prevent moisture, brake dust, exhaust chemicals, and other corrosive content from entering the light fixture. This vibration resistant luminaire incorporates a wide angle butterfly optical system that enables glare free, uniform lighting and ensures safety, security and visual comfort for all motorists.

Advanced thermal technology enables low LED junction temperatures (Tj) with extended lumen maintenance and virtually zero fixture maintenance. The ILX3525 is available with wireless smart technology for greater flexibility and maximizing energy savings.

Patent No.US 8,272,765 B2 - US 8,757,842 B2 - US 9,383,084 B2
Other US and international patents pending

Applications

- Road Tunnels
- Utility Tunnels
- Underpasses
- Undersea Tunnels
- Metro Line Tunnels
- Tunnel Boring

ILX3525 Series

LED Tunnel Lighting



Years Warranty



Smart Control



Wet Location



Pressure Washable



Impact Resistance

Advantages of ILX3525

- IP69K rated tri-proof (dust, vapor & water-proof) tunnel light
- Available in 35 ~ 100 Watt configurations with various optics
- Ultra-bright industry leading high efficacy up to 150 lm / W
- Proprietary wide-angle optics enabling glare-free, uniform lighting for all tunnel applications
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- Ultra-wide angle butterfly optics reducing required fixtures by up to 20%
- Industrial grade powder coating and copper-free aluminum build for complete corrosion resistance
- Marine-rated stainless steel fasteners and trimmings
- Optional wireless smart control system with enabling greater savings and flexibility
- Available with versatile mounting options for various tunnel applications
- Titanium rated high efficiency LED driver with smart circuitry
- L70 ≥ 135,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

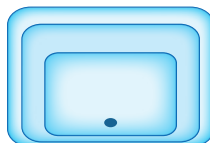
ILX3525 Series

LED Tunnel Lighting

Optic Options

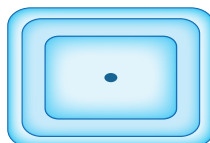
02 - Type II / wall mount & perimeter lighting applications

M - Medium



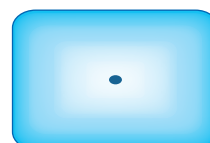
S5 - Type V Rectangular / symmetric for canopies, tunnels, parking garages and wide flood applications

M - Medium



F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long



ILX3525 Series

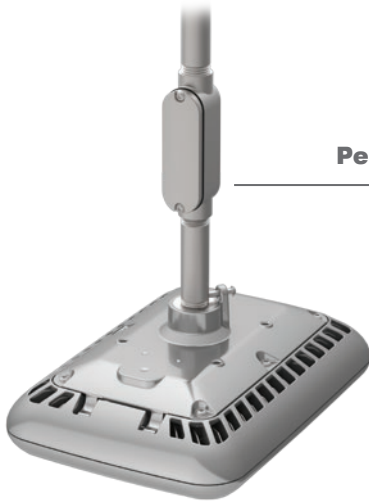
LED Tunnel Lighting

Mounting Options

SSL - Snap & Slide Surface Mounting System



Pendant Mounting System - PDS



SWL - Swivel Mounting System



ILX3525 Series

LED Tunnel Lighting

Ordering Information

ILX3525	Wattage	Voltage	Optics	Pitch	CCT	Driver & Control	Mounting *
	035 = 35Watt 055 = 55Watt 075 = 75Watt 100 = 100Watt	UV = 100-277VAC DV = 127-390VDC	02 = Type II S5 = Type V Rectangular F5 = Type V Frosted	M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable SC = Smart Control	PDS = Pendant Mount SSL = Snap & Slide Mount SWL = Swivel Mount

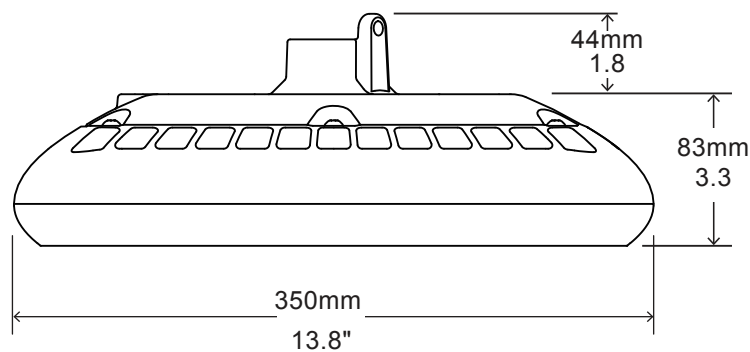
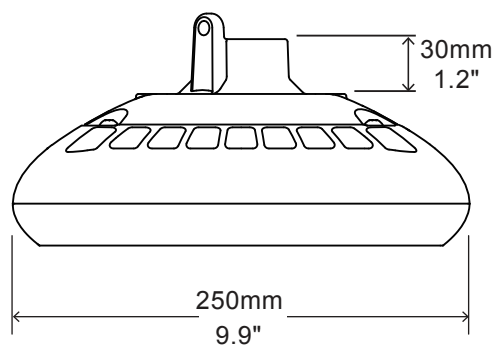
* PDS is the standard mounting system, please specify conduit diameter of NPT 3/4" or 1".

NOTE: Gray is the standard exterior color.

Example

Part Number	Part Description
ILX3525-075UV-S5M-50ND-SSL	LED Tunnel Light / 75 Watt / 100-277VAC / Type V Rectangular / Medium Pitch / 5000K Cool White / Non-Dimmable / Snap & Slide Mount

External Dimensions



Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
1	38.5 x 28.5 x 16.5 cm 15.2 x 11.25 x 6.5 in	5.7 kg 12.5 lbs



RWB E40 Series

LED STREET LIGHT BULB



RWB E40 Series

E40 LED Street Light Bulb



Product Information

The RWB E40 is a technologically advanced E40 standard LED street light bulb designed specifically for the bulb retrofit market. Constructed from high grade raw materials, its compact IP66 rugged design incorporates the industry's highest power density. Advanced Thermal Technology enables low LED junction temperatures (Tj) to ensure long LED life with extended lumen maintenance.

The RWB E40 is an ultra-bright industry leading high efficacy street light bulb that provides a cost-effective retrofit solution with a short ROI period for budgetary street lighting projects. It's backed by an exceptional 5-year limited warranty.

US and international patents pending.



Years Warranty



Wet Location

Advantages of RWB E40

- Technologically advanced LED E40 standard street light bulbs
- Energy efficient high efficacy (180lm/W) E40 LED street light bulb
- Direct replacement of up to 250W E40 standard street light bulbs
- Small footprint design available in 20 / 40 / 60 watt configurations
- Rotatable light engine enables field adjustable light direction after installation
- Wide angle optics with built in 15° vertical tilt for better uniformity
- L70 ≥ 30,000 hours with an operational temperature of -20°C ~ 50°C
- Advanced thermal technology enables low LED junction temperatures (Tj) for longer lifespan
- High efficiency LED driver enables ballast free direct AC operation for maintenance free lifespan
- Cost effective retrofit solution with a short ROI period for budgetary street lighting projects
- IP66 rated with a 5-year limited warranty
- Designed and engineered in the USA

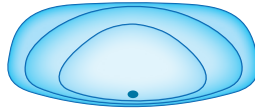
RWB E40 Series

E40 LED Street Light Bulb

Optics Options

02 - Type II / asymmetric for street and pedestrian walkway applications

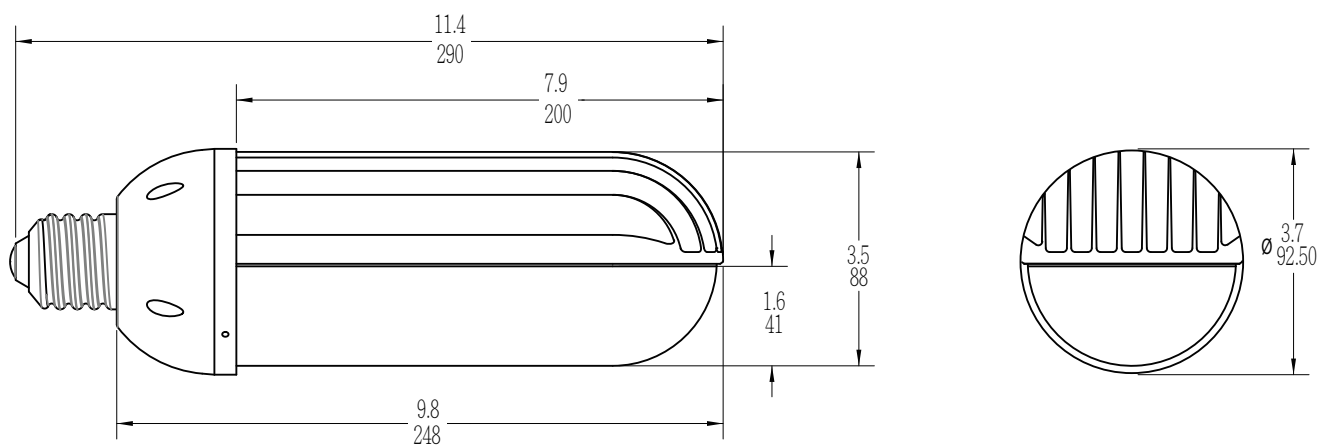
M - Medium



Applications

- Residential Streets
- Urban Roads
- Boulevards
- Perimeters
- Parking Lots
- Walkways

External Dimensions



RWB E40 Series

E40 LED Street Light Bulb

Ordering Information

RWB -	Wattage	Voltage	-	Optics	-	CCT	Driver & Control*
	E42 = 20Watt E44 = 40Watt E46 = 60Watt	UV = 100-277VAC HV = 200-480VAC		02M = Type II Clear Medium 2FL = Type II Frosted Long		30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable NS = Daylight Sensor

NOTE: Daylight sensing is available with externally mounted NEMA / ZHAGA standard receptacle module.

Example

Part Number	Part Description
RWB-E44UV-02M-50ND	LED E40 Standard Street Light Bulb / 40 Watt / 100-277VAC / Type II Clear Medium / 5000K Cool White / Non-Dimmable

Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
RWB-E40	9	35.5 x 33.5 x 33.5 cm 14 x 13 x 13 in	16.6 kg 36.5 lbs



RWL3525 Series

ROADWAY APPLICATION LED LUMINARE



RWL3525 Series

LED Roadway Lighting



Product Information

The RWL3525 is an innovative smart roadway light fixture with wide angle butterfly optical system delivering high efficacy, glare-free uniform lighting for residential and urban roads. Its technologically advanced design is available with interactive wireless technology offering smart cities future-proof solutions for maximizing energy savings and lowering overall maintenance costs.

Patented thermal management system enables low LED junction temperatures (T_j), extended lumen maintenance and virtually zero fixture maintenance. The durable RWL3525 Series has an IP68-rating for complete weather protection and a best in class 10-year limited warranty.

Patent No. US 8,272,765 B2 - US 8,757,842 B2 - US 9,383,084 B2
Other US and international patents pending.

Applications

- Residential Streets
- Urban Roads
- Parking Lots
- Perimeters
- Parks and Playgrounds
- Walkways

RWL3525 Series

LED Roadway Lighting



Years Warranty



Smart Control



Wet Location



Impact Resistance

Advantages of RWL3525

- Future-proof LED roadway / street light
- Available in 35 ~ 100 Watt configurations with various optics
- Ultra-bright industry leading high efficacy up to 150 lm / W
- Proprietary reflector optics enabling glare-free uniform lighting and eliminating the need for costly and fragile plastic lenses
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- IP68 rated tri-proof (dust, vapor & water-proof) luminaire
- Ultra-wide angle butterfly optics enabling longer pole spacing
- Optional wireless smart control system with daylight sensor enabling greater savings and flexibility
- Titanium rated high efficiency LED driver with smart circuitry
- L70 ≥ 135,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

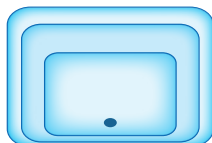
RWL3525 Series

LED Roadway Lighting

Optic Options

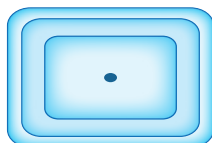
02 - Type II Roadway Lighting / asymmetric for street and pedestrian walkway applications

M - Medium



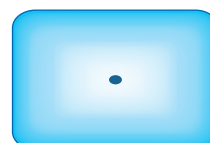
S5 - Type V Rectangular / symmetric for street, parking lot and pedestrian walkway applications

M - Medium



F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long



RWL3525 Series

LED Roadway Lighting

Ordering Information

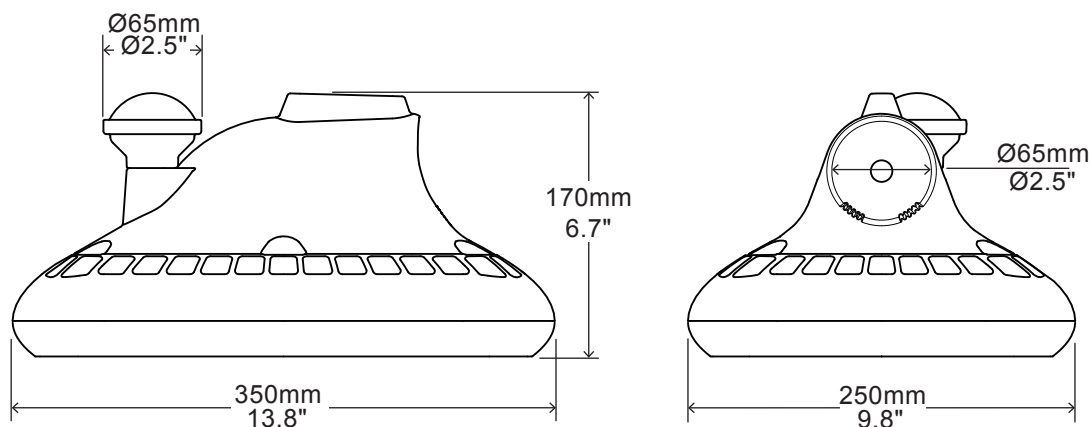
RWL3525 -	Wattage	Voltage	Optics	Pitch	CCT	Driver & Control
	035 = 35Watt 055 = 55Watt 075 = 75Watt 100 = 100Watt	UV = 100-277VAC DV = 127-390VDC	02 = Type II S5 = Type V Rectangular F5 = Type V Frosted	M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable+Sensor SC = Smart Control

NOTE: Gray is the standard exterior color.

Example

Part Number	Part Description
RWL3525-075UV-S5M-50ND	LED Roadway Light / 75 Watt / 100-277VAC / Type V Rectangular / Medium Pitch / 5000K Cool White / Non-Dimmable

External Dimensions



Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
1	38.5 x 28.5 x 21.5 cm 15.2 x 11.2 x 8.5 in	6.2 kg 13.6 lbs



RWVLI Series

ROADWAY & AREA-SITE APPLICATION LED LUMINARE



RWLII Series

LED Roadway & Area-Site Lighting



Product Information

The RWLII series is a classic round shaped roadway luminaire with the latest technologies to offer great flexibility for all basic street lighting projects. Its proprietary optical system enables high efficacy, glare-free uniform lighting creating a safe and attractive environment while reducing the carbon footprint for municipalities.

RWLII provides a higher value to cities by maximizing energy savings and lowering maintenance costs. This IP68-rated street light is designed to withstand the most challenging outdoor weather conditions and comes with an industry leading 10-year limited warranty.

Patent No. US 8,272,765 B2 - US 8,757,842 B2 - US 9,383,084 B2
Other US and international patents pending

Applications

- Residential Streets
- Urban Roads
- Motorways
- Boulevards
- Perimeters
- Parking Lots

RWLII Series

LED Roadway & Area-Site Lighting



Years Warranty



Wet Location



Impact Resistance

Advantages of RWLII

- Available in 100 ~ 220 Watt configurations with various optics
- Ultra-bright high efficacy up to 170 lm / W
- Proprietary reflector optics enabling glare-free uniform lighting, eliminating the need for costly and fragile plastic lenses
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- IP68 rated tri-proof (dust, vapor & water-proof) luminaire
- Dark Sky compliant / full cut-off optics
- Ideal for area walkway, street and parking lots
- Titanium rated high efficiency LED driver with smart circuitry
- L70 ≥ 150,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

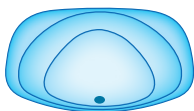
RWLII Series

LED Roadway & Area-Site Lighting

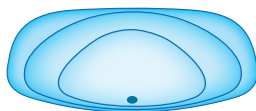
Optic Options

02 - Type II / asymmetric for street and pedestrian walkway applications

S - Short

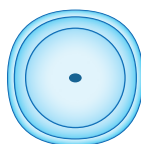


M - Medium

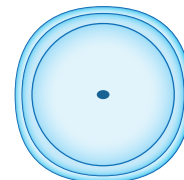


R5 - Type V Round / symmetric for street, parking lot and pedestrian walkway applications

M - Medium

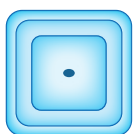


L - Long



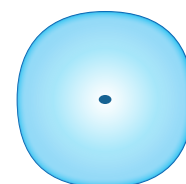
S5 - Type V Square / symmetric for street, parking lot and pedestrian walkway applications

S - Short

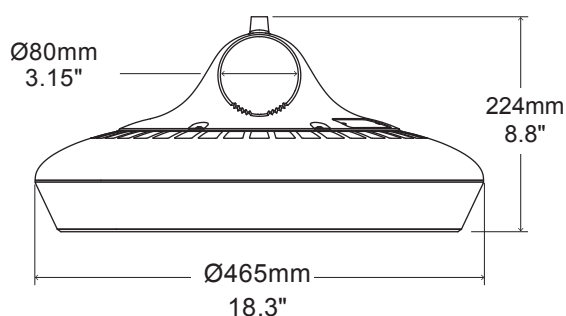


F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long



External Dimensions



Packaging Information

Quantity	Dimensions (LxWxH)	Weight
1	50 x 50 x 31 cm 19.7 x 19.7 x 12.2 in	13 kg 28.6 lbs

RWLII Series

LED Roadway & Area-Site Lighting

Ordering Information

RWLII	Wattage	Voltage	Optics	Pitch	CCT	Driver & Control
	100 = 100W 125 = 125W 150 = 150W 185 = 185W 220 = 220W	UV = 100-277VAC HV = 200-480VAC DV = 127-390VDC	02 = Type II R5 = Type V Round S5 = Type V Square F5 = Type V Frosted	S = Short M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable

NOTE: Gray is the standard exterior color.

Example

Part Number	Part Description
RWLII150UV-R5M-50DM	LED Roadway Light / 150 Watt / 100-277VAC / Type V Round / Medium Pitch / 5000K Cool White / Dimmable



RWL600 Series

ROADWAY & AREA-SITE APPLICATION LED LUMINAIRE



RWL600 Series

LED Roadway & Area-Site Lighting



Product Information

The RWL600 series is a corrosion resistant, low profile and energy efficient roadway & area site luminaire offering a cost effective solution for urban roads, walkways, parking lots and construction sites. It is available with an optional dusk to dawn built-in daylight sensor with a field serviceable modularized light engine and LED driver, prolonging fixture usage far beyond its warranty period.

The RWL600 incorporates the industry's highest efficacy light output and ultra-wide angle optics delivering outstanding visibility while improving the safety and security for area lighting applications. Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life.

US & International patents pending

Applications

- Residential Streets
- Urban Roads
- Parks & Playgrounds
- Campuses
- Parking Lots
- Walkways

RWL600 Series

LED Roadway & Area-Site Lighting



Years Warranty



Wet Location



Corrosive Area



Impact Resistance

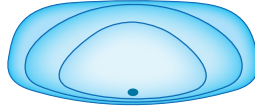
Advantages of RWL600

- Energy efficient and a cost effective LED roadway & area site luminaire
- Available in 30 / 50 / 70Watt configurations
- Ultra-bright industry leading high efficacy up to 180 lm /W
- Field serviceable cost effective modularized light engine and LED driver
- Wide angle optics with built in 10° vertical tilt for more uniform lighting distribution
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- ZHAGA standard receptacle with built in daylight sensor and surge / lightning protection
- L70 ≥ 50,000 hours with an operating temperature of -40°C ~ 50°C
- Titanium rated high efficiency LED driver with smart circuitry
- Ideal for budgetary roadway lighting projects
- SUS 316 marine rated stainless steel housing for superior weather and corrosion protection
- 15-year limited warranty on housing & structure
- 5 year limited warranty on light engine and LED driver
- Designed and Engineered in the USA

Optics Options

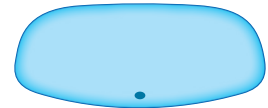
02 - Type II / asymmetric for street and pedestrian walkway applications

M - Medium

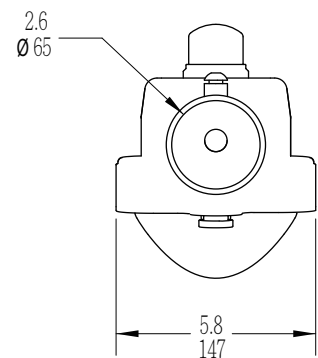
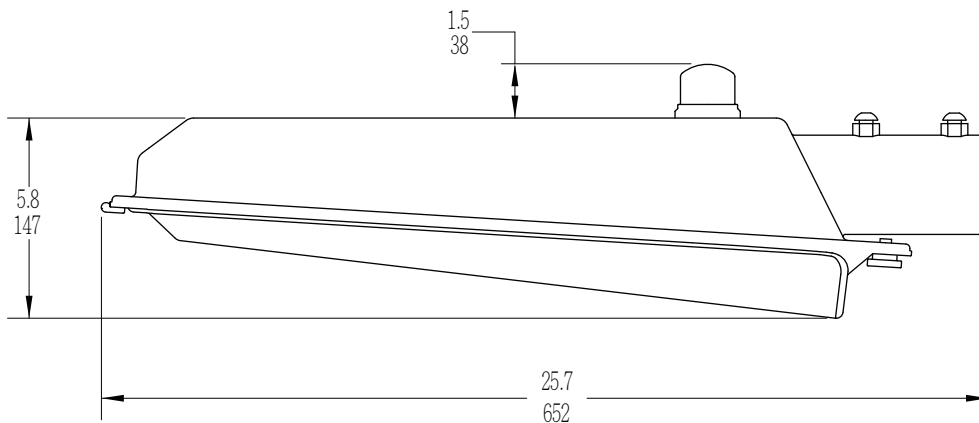


F2 - Type II Opaque - Frosted / asymmetric for ultra uniform & low glare applications

L-Long



External Dimensions



RWL600 Series

LED Roadway & Area-Site Lighting

Ordering Information

RWL60	Wattage	Voltage	Optics	CCT	Driver & Control*
	30 = 30Watt 50 = 50Watt 70 = 70Watt	UV = 100-277VAC HV = 200-480VAC	02M = Type II Clear Lens Medium F2L = Type II Frosted Lens Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DS = Dimmable + Sensor

*Daylight sensing is available with externally mounted ZHAGA standard receptacle module.

Example

Part Number	Part Description
RWL6030UV-02M-50ND	LED Area Light / 30 Watt / 100-277VAC / Type II Clear Lens Medium / 5000K Cool White / Non-Dimmable

Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
RWL600	1	67 x 7 x 10 cm 26.4 x 2.8 x 4 inch	2.7 kg 6 lbs



LX Series

HAZARDOUS AREA LINEAR LED LUMINARE



LX Series

LED Hazardous Area Linear Lighting



Product Information

The LX Series is a high efficacy, durable LED linear light designed to withstand the harsh conditions found in oil & gas and mining operations. This IP69K-rated tri-proof (water, vapor & dust-proof) LED linear light is ideal for applications that have a high concentration of airborne particulate matter, such as:

- Offshore Oil Platforms
- Refineries
- Gas-to-Liquid (GTL) Plants
- Terminals & Tank Farms
- Sub-Surface Mineshafts
- Conveyor Belts
- Ball / Tube Mill Facilities
- Tunnel Boring

The LX Series is available in flexible lengths and wattages ranging from 20 ~ 120 Watt and provides an ultra-wide 155° angle glare free uniform lighting with exceptional horizontal and vertical lumen distribution. Its patented thermal management system ensures long LED life with extended lumen maintenance and virtually zero fixture maintenance resulting in cost effective lighting solutions with a short ROI period. The LX Series comes with versatile mounting options and an accessible junction box for easy installation and end to end connections.

Patent No.US 10,222,052 B1

Other US and international patents pending

LX Series

LED Hazardous Area Linear Lighting



Years Warranty



Wet Location



Pressure Washable



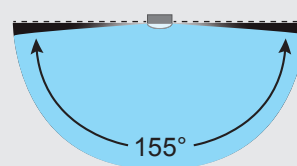
Impact Resistance



Hazardous Area

Advantages of LX Series

- Technologically advanced hazardous area LED linear light
- High efficacy fixture up to 170 lm / W
- Flexible wattages and lengths ranging from 20 ~ 120 Watt
- IP69K rated tri-proof (dust, vapor & water-proof) luminaire
- Robust design with IK10-rated fixture housing
- Glare free 155° wide angle optics reducing fixture count by up to 25%
- Lightweight design with accessible junction box for simplified installation
- 80CRI for exceptional color rendition
- Optional smart motion sensing with soft dimming function
- Optional all-inclusive emergency battery backup system 10 Watt / 90 minutes
- Versatile mounting options for all types of hazardous area locations
- L70 ≥ 100,000 hours with 7-year limited warranty
- Designed and engineered in the USA



Wide Angle Optics

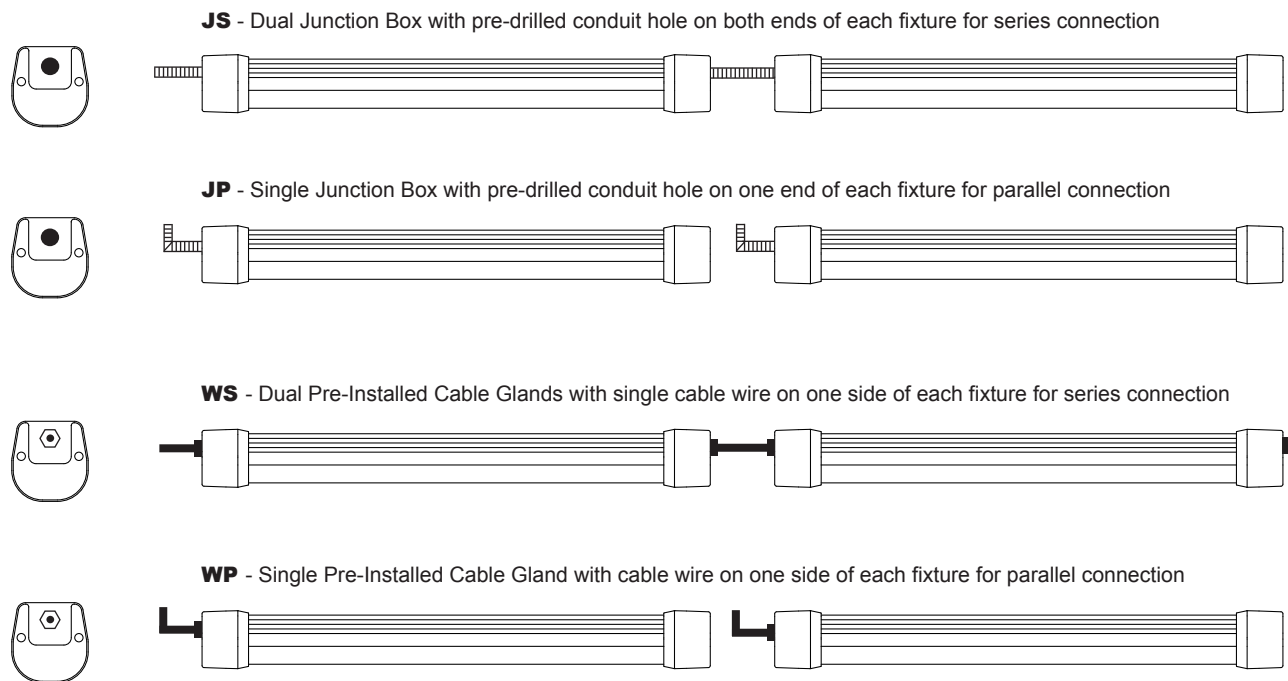
LX Series

LED Hazardous Area Linear Lighting

Mounting Options



Wiring Options

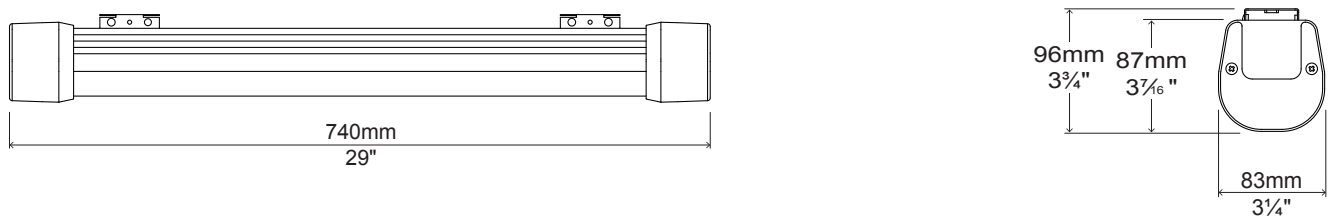


LX Series

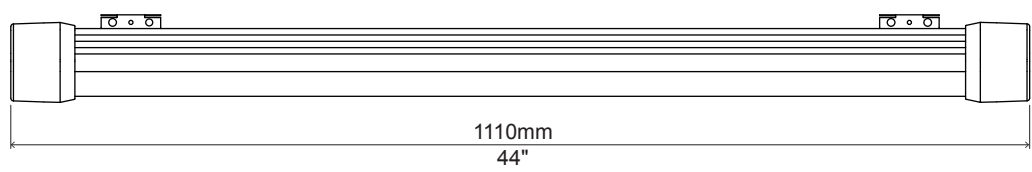
LED Hazardous Area Linear Lighting

External Dimensions

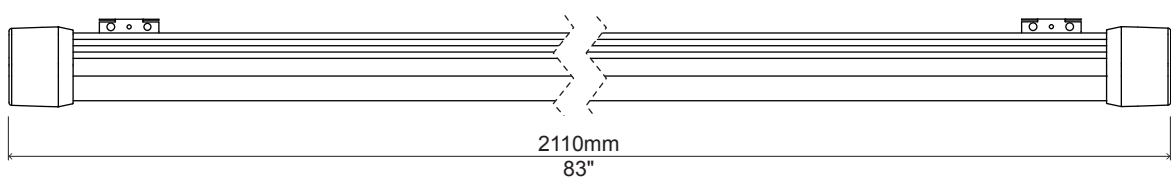
LX072



LX104 / LX1E4 / LX106 / LX1E6



LX208 / LX212



Packaging Information

Model	Case Quantity	Dimensions (L x W x H)	Weight
LX072	6	83 x 36 x 21 cm 32.7 x 14 x 8.3 in	13 kg 28.6 lbs
LX104	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LX1E4/1E6	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LX106	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LX208	4	217 x 24 x 21 cm 85.5 x 9.5 x 8.3 in	26.5 kg 58.4 lbs
LX212	4	217 x 24 x 21 cm 85.5 x 9.5 x 8.3 in	26.5 kg 58.4 lbs

LX Series

LED Hazardous Area Linear Lighting

Ordering Information

LX	Length & Wattage*	Wiring**	Optics	CCT	Driver & Control	Mounting***
	072 = 74cm / 29" / 20Watt 104 = 111cm / 44" / 40Watt 1E4 = 111cm / 44" / 40/10Watt 106 = 111cm / 44" / 60Watt 1E6 = 111cm / 44" / 60/10Watt 208 = 211cm / 83" / 80Watt 212 = 211cm / 83" / 120watt	JS = J-Box in Series JP = J-Box in Parallel WS = Cable in Series WP = Cable in Parallel	FL = Frosted Long CM = Clear Medium	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Motion Sensor	SMH = Surface Mount

* LX1E emergency battery back up series is available in standard 40 and 60 Watt configurations with an all-inclusive charger, battery , indicator and test switch.

**When ordering JS or JP Wiring options, please specify required conduit hole diameter.

***Multi Mount system comes standard enabling surface, threaded rod and chain mounting.

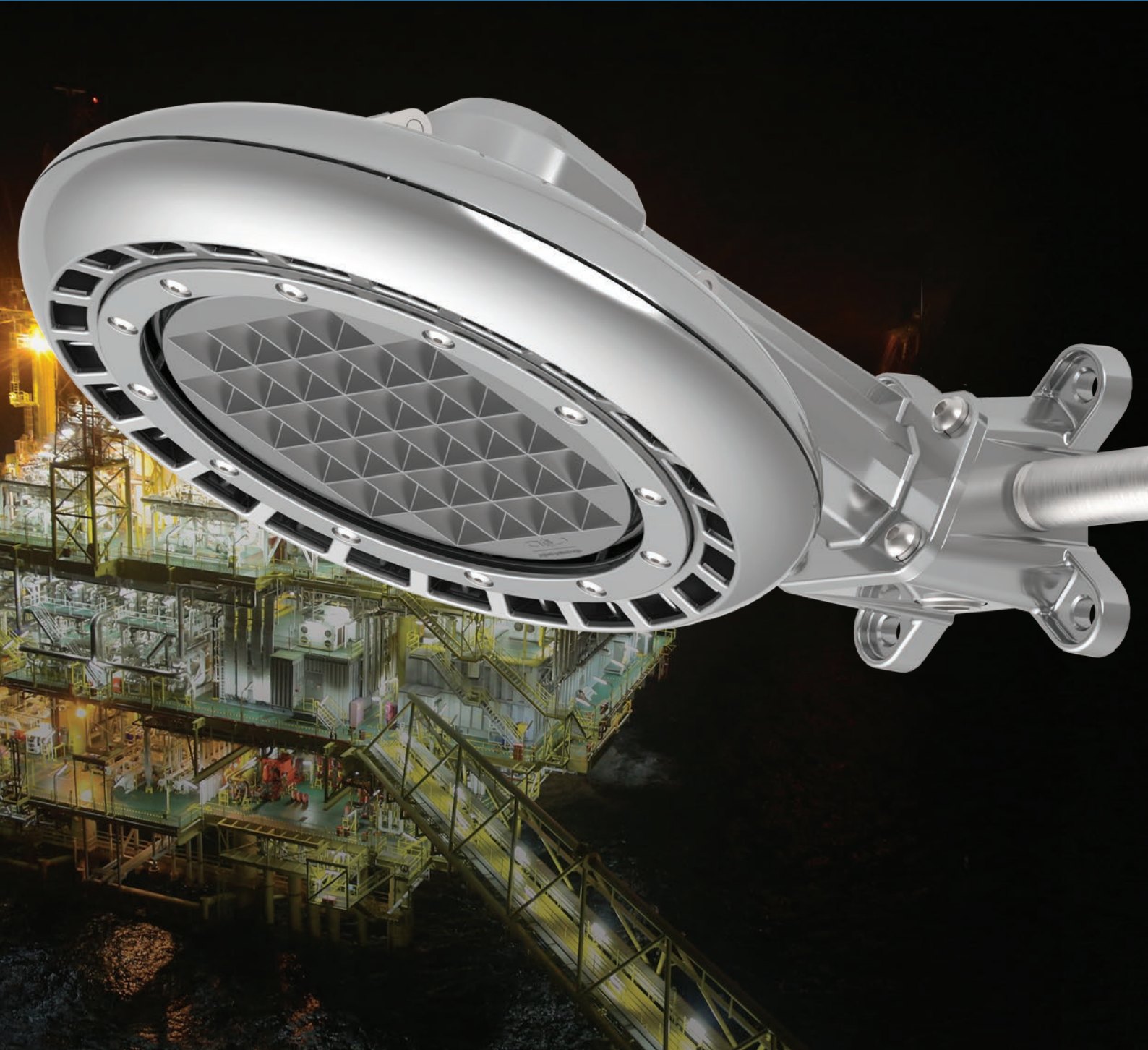
Example

Part Number	Part Description
LX104-JSFL-50DS-SMH	LED Hazardous Area Light / 111cm - 44" / 40Watt / 100-277VAC / J-Box in Series / Frosted Long / 5000K Cool White / Dimmable + Sensor / Surface Mount



ILX280 Series

HAZARDOUS AREA APPLICATION LED LUMINARE



ILX280 Series

LED Hazardous Area Lighting



Product Information

The ILX280 Series is a IP69K, hazardous area location rated LED industrial / well glass luminaire designed to withstand the industry toughest environments. Its proprietary reflector optical system delivers a broad range of optical configurations with high efficacy lumen packages for illuminating areas found in:

- Offshore Oil Platforms
- Refineries
- Gas-to-Liquid (GTL) Plants
- Terminals & Tank Farms
- Sub-Surface Mineshafts
- Conveyor Belts
- Ball / Tube Mill Facilities
- Tunnel Boring

The ILX280 incorporates advanced thermal technology to ensure low LED operating temperatures resulting in extended lumen maintenance and virtually zero fixture maintenance. Its durable design is available with versatile mounting options with an exceptional 10-year limited warranty.

Patent No.US 8,272,765 B2 - US 8,757,842 B2 - US 9,383,084 B2
Other US and international patents pending

ILX280 Series

LED Hazardous Area Lighting



Years Warranty



Wet Location



Pressure Washable



Impact Resistance



High Temperature



Hazardous Area

Advantages of ILX280

- Ultra-compact LED hazardous area location industrial / well glass light
- Available in 25 / 50 / 75 Watt configurations with various optics
- Ultra-bright industry leading high efficacy up to 165 lm / W
- Proprietary reflector optics enabling glare-free uniform lighting, eliminating the need for costly and fragile plastic lenses
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- IP69K rated tri-proof (dust, vapor & water-proof) luminaire
- Hazardous area and high operational temperature rated luminaire -40 ~ +60°C (-40 ~ +140°F)
- Industrial grade powder coating and copper-free aluminum build for complete corrosion resistance
- Marine-rated stainless steel fasteners and trimmings
- Available with versatile mounting options for various hazardous area locations
- Titanium rated high efficiency LED driver with smart circuitry
- L70 ≥ 145,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

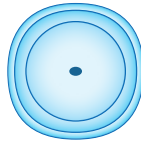
ILX280 Series

LED Hazardous Area Lighting

Optics Options

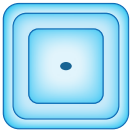
R5 - Type V Round / symmetric for mid-low bay, parking garages and flood applications

M - Medium



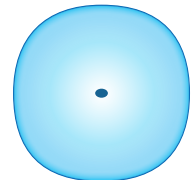
S5 - Type V Square / symmetric for mid-low bay, aisle and flood applications

S - Short



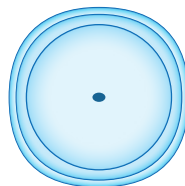
F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long



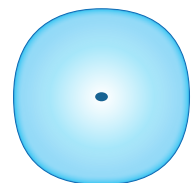
WC - Well Glass - Clear / spherical symmetric for area lighting, parking garages and wide flood applications

M - Medium



WF - Well Glass - Frosted / spherical symmetric for ultra uniform & low glare applications

L - Long



ILX280 Series

LED Hazardous Area Lighting

Mounting Options

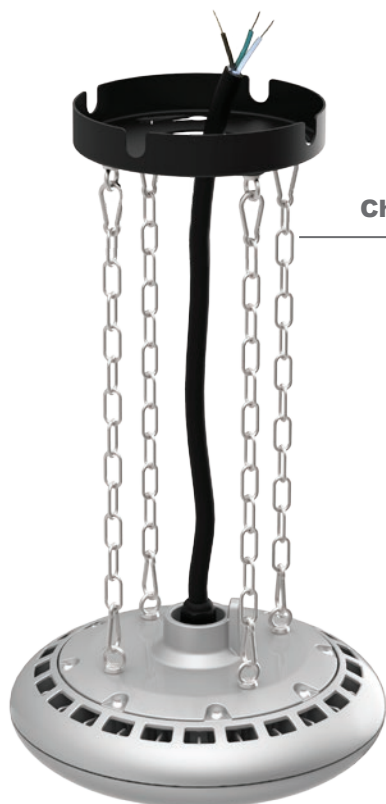
**SST - Snap & Turn Surface
Mounting System**



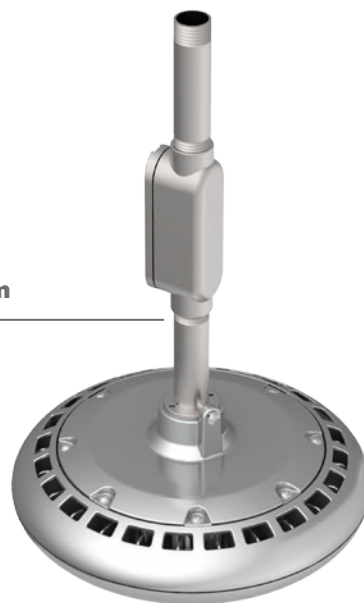
Swivel Mounting System - SWL



Chain Mounting System - CH4



PDS - Pendant Mounting System



ILX280 Series

LED Hazardous Area Lighting

Mounting Options

90° Stanchion Mounting System - S90



S25 - 25° Stanchion Mounting System



**90° Stanchion Wall - WS9
Mounting System**



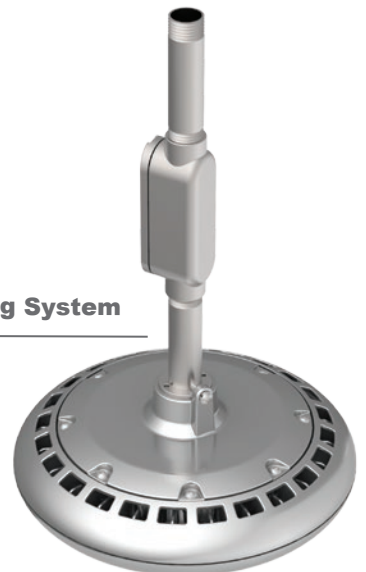
**WS2 - 25° Stanchion Wall
Mounting System**



Swivel Mounting System - SWL

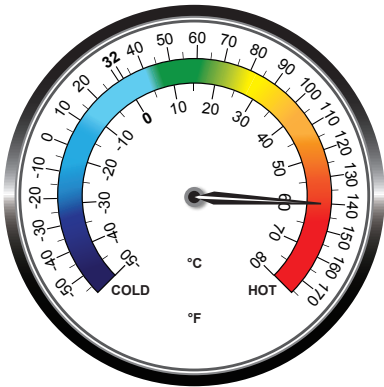


PDS - Pendant Mounting System



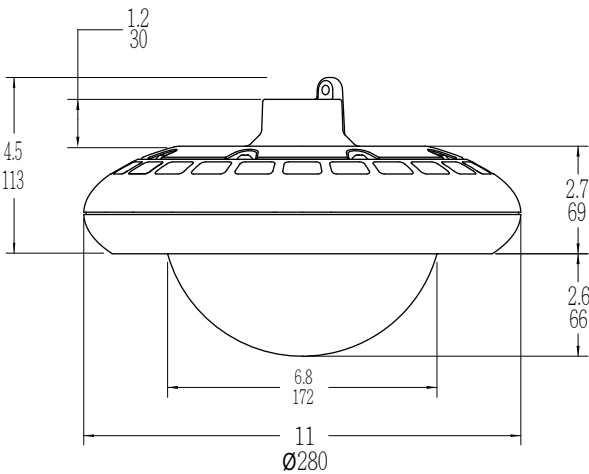
Thermal Management

The new ILX280 LED drivers are designed specifically for extreme application lighting that requires high ambient operating temperatures. It utilizes the latest topology in electronic circuitry design with state of the art military and industrial grade components. The LED driver is encapsulated with thermal potting into a dedicated heat sink for better thermal performance and greater flexibility for service and maintenance. The ILX280 LED driver module delivers an outstanding 95% efficiency and is designed to last over 60,000 hours in harsh environments with high operating ambient temperatures.

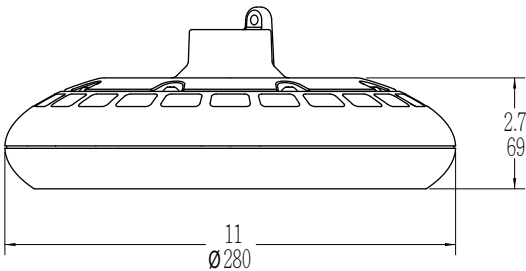


System Watts	T6 Temperature Code Ambient Temperature Range		T5 Temperature Code Ambient Temperature Range		T4a Temperature Code Ambient Temperature Range	
35 W	-40°F ~ 140°F	-40°C ~ 60°C	-40°F ~ 140°F	-40°C ~ 60°C		
55 W	-40°F ~ 131°F	-40°C ~ 55°C	-40°F ~ 140°F	-40°C ~ 60°C		
75 W	-40°F ~ 122°F	-40°C ~ 50°C	-40°F ~ 140°F	-40°C ~ 60°C	-40°F ~ 140°F	-40°C ~ 60°C

External Dimensions



ILX280 Well Glass



ILX280

ILX280 Series

LED Hazardous Area Lighting

Ordering Information

ILX28	Wattage	Voltage	Optics	Pitch	CCT	Driver & Control	Mounting *
	35 = 35Watt 55 = 55Watt 75 = 75Watt	UV = 100-277VAC DV = 127-390VDC	R5 = Type V Round S5 = Type V Square F5 = Type V Frosted WC = Well Glass Clear WF = Well Glass Frosted	S = Short M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Sensor	PDS = Pendant Mount SST = Snap & Turn Mount CH4 = 4 Chain Mount SWL = Swivel Mount S90 = 90° Stanchion Mount S25 = 25° Stanchion Mount WS9 = 90° Stanchion Wall WS2 = 25° Stanchion Wall

*PDS is the standard mounting system, Please specify conduit diameter of NPT 3/4" or 1".
NOTE: Gray is the standard exterior color.

Example

Part Number	Part Description
ILX2835UV-R5M-50DM-PDS	LED Hazardous Area Light / 35 Watt / 100-277VAC / Type V Round / Medium Pitch / 5000K Cool White / Dimmable / Pendant Mount

Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
ILX280	1	30 x 30 x 13.3 cm 11.2 x 11.2 x 5.3 in	3.9 kg 8.6 lbs
ILX280 Well Glass	1	30 x 30 x 20 cm 11.2 x 11.2 x 7.8 in	4 kg 8.8 lbs



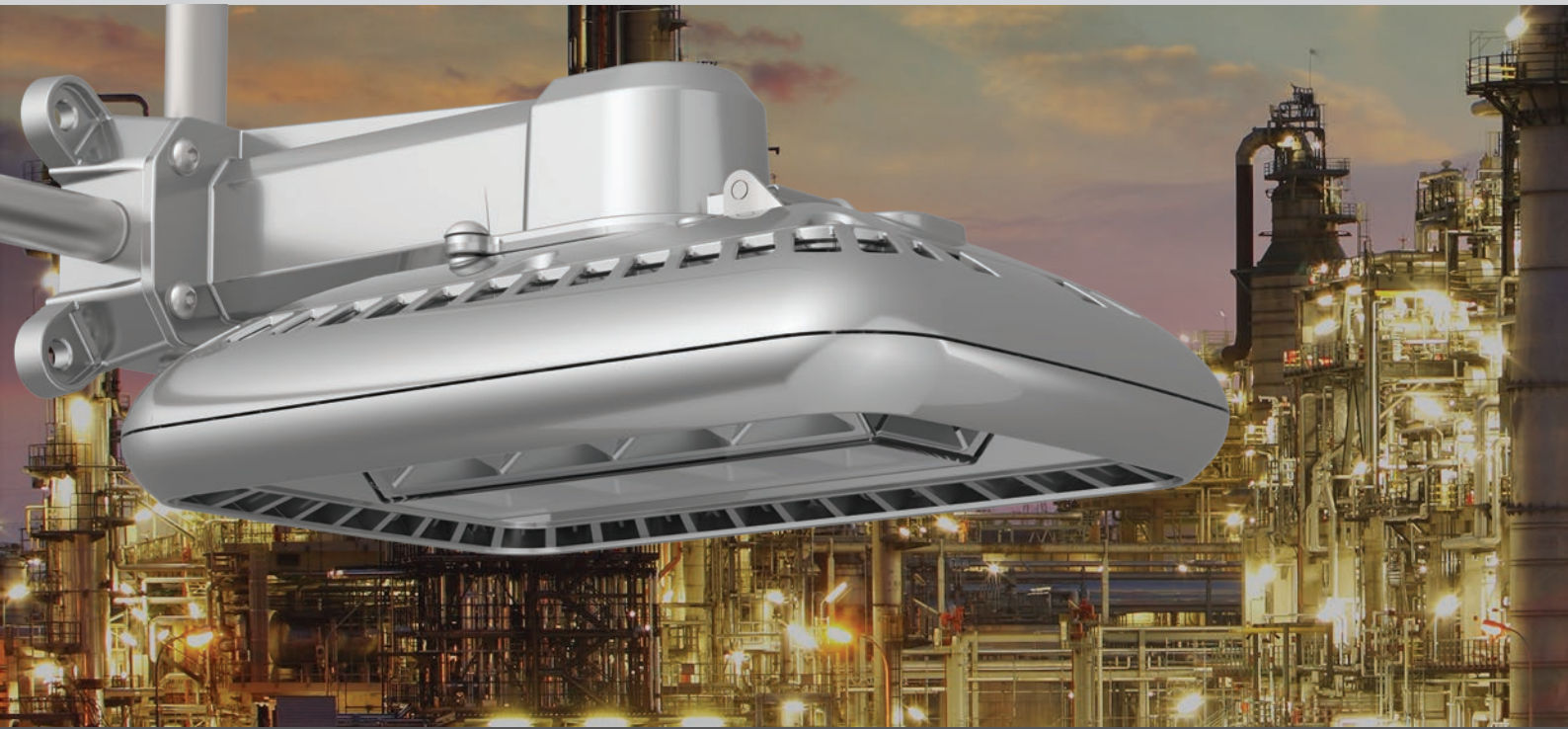
ILX3525 Series

HAZARDOUS AREA APPLICATION LED LUMINAIRE



ILX3525 Series

LED Hazardous Area Lighting



Product Information

The ILX3525 Series hazardous area light fixture is specifically engineered to withstand the harshest conditions found in mining and oil & gas operations. It is available in numerous lumen packages, optics variations and versatile mounting systems. Its unique butterfly optical system delivers ultra-bright high efficacy light output with outstanding horizontal and vertical surface coverage for all stages of hazardous area operations found in:

- Offshore Oil Platforms
- Refineries
- Gas-to-Liquid (GTL) Plants
- Terminals & Tank Farms
- Sub-Surface Mineshafts
- Chemical Plants
- Ball / Tube Mill Facilities
- Tunnel Boring

The ILX3525 Series incorporates patented thermal technology enabling low LED junction temperatures (T_j) with extended lumen maintenance and virtually zero fixture maintenance. The weatherproof ILX3525 has an IP69K rating ideal for the toughest operating conditions and is available with wireless smart technology for greater flexibility and energy savings.

Patent No. US 8,272,765 B2 - US 8,757,842 B2 - US 9,383,084 B2
Other US and international patents pending

ILX3525 Series

LED Hazardous Area Lighting



Years Warranty



Smart Control



Wet Location



Pressure Washable



Impact Resistance



High Temperature



Hazardous Area

Advantages of ILX3525

- Technologically advanced LED hazardous area light fixture
- Available in 35 ~ 100 Watt configurations with various optics
- Ultra-bright industry leading high efficacy up to 150 lm / W
- Wide angle butterfly optics enabling glare-free, uniform lighting
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- Hazardous location and high temperature rated with an operational temperature of -40 ~ +60°C (-40 ~ +140°F)
- IP69K-rated tri-proof (dust, vapor & water-proof) luminaire
- Industrial grade powder coating and copper-free aluminum build for complete corrosion resistance
- Marine-rated stainless steel fasteners and trimmings
- Optional wireless smart control system with motion & daylight sensor enabling greater savings and flexibility
- Available with versatile mounting options for various hazardous area applications
- Titanium rated high efficiency LED driver with smart circuitry
- L70 ≥ 135,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

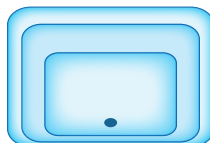
ILX3525 Series

LED Hazardous Area Lighting

Optic Options

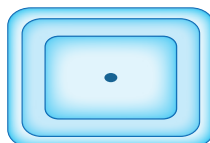
02 - Type II / wall mount & perimeter lighting applications

M - Medium



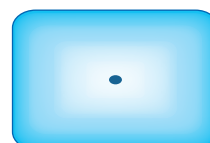
S5 - Type V Rectangular / symmetric for canopies, tunnels, parking garages and wide flood applications

M - Medium



F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long



ILX3525 Series

LED Hazardous Area Lighting

Mounting Options

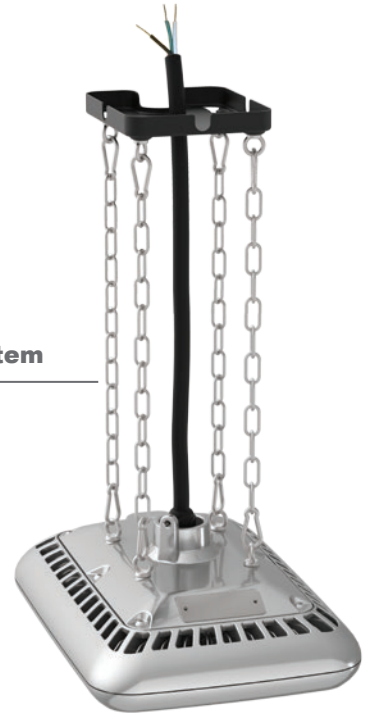
**SSL - Snap & Slide Surface
Mounting System**



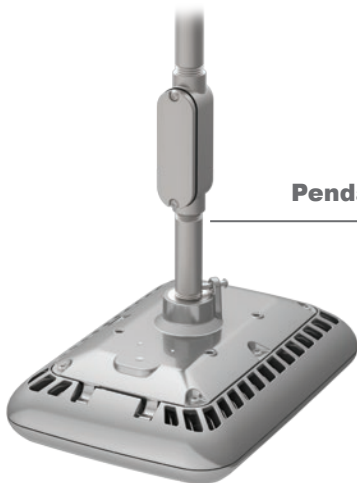
Swivel Mounting System - SWL



CH4 - Chain Mounting System



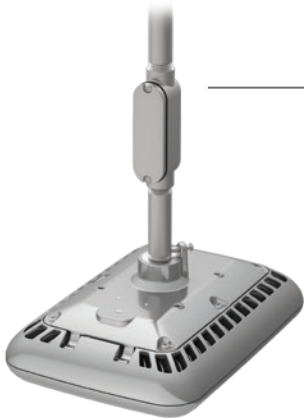
Pendant Mounting System - PDS



ILX3525 Series

LED Hazardous Area Lighting

Standard Mounting Options



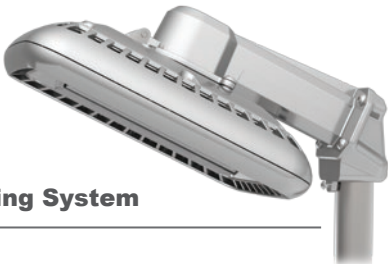
Pendant Mounting System - PDS



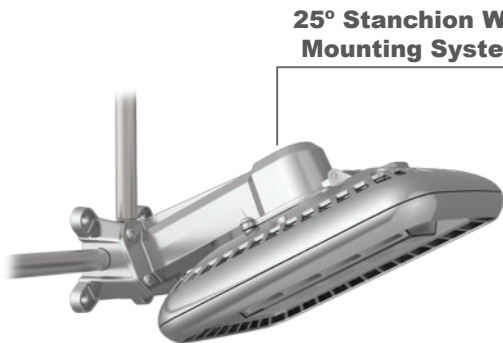
SWL - Swivel Mounting System



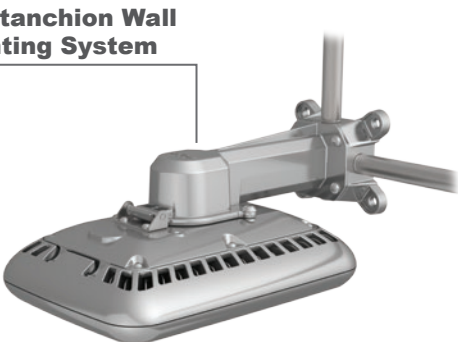
90° Stanchion Mounting System - S90



S25 - 25° Stanchion Mounting System



25° Stanchion Wall - WS2 Mounting System



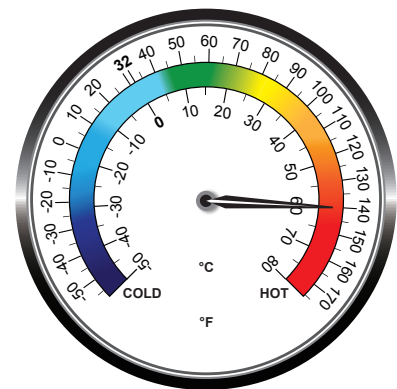
WS9 - 90° Stanchion Wall Mounting System

ILX3525 Series

LED Hazardous Area Lighting

Thermal Management

The new ILX3525 LED drivers are designed specifically for extreme application lighting that requires high ambient operating temperatures. It utilizes the latest topology in electronic circuitry design with state of the art military and industrial grade components. The LED driver is encapsulated with thermal potting into a dedicated heat sink for better thermal performance and greater flexibility for service and maintenance. The ILX3525 LED driver module delivers an outstanding 95% efficiency and is designed to last over 60,000 hours in harsh environments with high operating ambient temperatures.



System Watts	T6 Temperature Code Ambient Temperature Range		T5 Temperature Code Ambient Temperature Range		T4a Temperature Code Ambient Temperature Range	
35 W	-40°F ~ 140°F	-40°C ~ 60°C	-40°F ~ 140°F	-40°C ~ 60°C		
55 W	-40°F ~ 131°F	-40°C ~ 55°C	-40°F ~ 140°F	-40°C ~ 60°C		
75 W	-40°F ~ 122°F	-40°C ~ 50°C	-40°F ~ 140°F	-40°C ~ 60°C		
100 W	-40°F ~ 113°F	-40°C ~ 45°C	-40°F ~ 131°F	-40°C ~ 55°C	-40°F ~ 140°F	-40°C ~ 60°C

ILX3525 Series

LED Hazardous Area Lighting

Ordering Information

ILX3525	Wattage	Voltage	Optics	Pitch	CCT	Driver & Control	Mounting *
	035 = 35Watt 055 = 55Watt 075 = 75Watt 100 = 100Watt	UV = 100-277VAC DV = 127-390VDC	02 = Type II S5 = Type V Rectangular F5 = Type V Frosted	M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable SC = Smart Control	PDS = Pendant Mount SSL = Snap & Slide Mount SWL = Swivel Mount CH4 = 4 Chain Mount S90 = 90° Stanchion Mount S25 = 25° Stanchion Mount WS9 = 90° Stan Wall Mount WS2 = 25° Stan Wall Mount

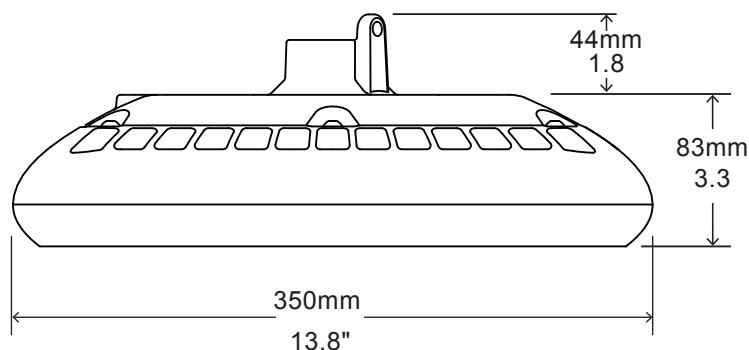
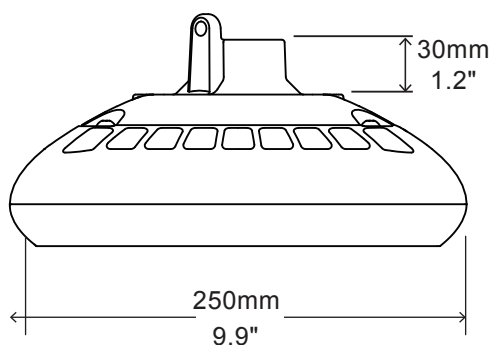
* PDS is the standard mounting system, please specify conduit diameter of NPT ¼" or 1".

NOTE: Gray is the standard exterior color.

Example

Part Number	Part Description
ILX3525-075UV-S5M-50DS-PDS	LED Hazardous Area Light / 75 Watt / 100-277VAC / Type V Rectangular / Medium Pitch / 5000K Cool White / Dimmable With Motion Sensor / Pendant Mount

External Dimensions



Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
1	38.5 x 28.5 x 16.5 cm 15.2 x 11.25 x 6.5 in	5.7 kg 12.5 lbs



ILX450 Series

HAZARDOUS AREA APPLICATION LED LUMINARE



ILX450 Series

LED Hazardous Area Lighting



Product Information

The ILX450 Series is the first true IP69K marine rated LED luminaire designed specifically to withstand the harsh conditions of extreme environments found in hazardous area locations such as offshore oil & gas platforms and mining operations. This robust fixture is available in numerous lumen packages, optical configurations, and versatile mounting options to cover all stages of hazardous area operations found in:

- Offshore Oil Platforms
- Refineries
- Gas-to-Liquid (GTL) Plants
- Terminals & Tank Farms
- Sub-Surface Mineshafts
- Chemical Plants
- Ball / Tube Mill Facilities
- Tunnel Boring

Its patented air bi-pass convection system enables excellent thermal management to ensure long LED life with extended lumen maintenance and virtually zero fixture maintenance. The ILX450 is available with an optional smart wireless control system for maximum efficiency and flexibility. Its proprietary optical system delivers ultra-bright industry leading high efficacy light output, resulting in cost effective solutions with a short ROI period.

Patent No. US 8,272,765 B2 - US 8,757,842 B2 - US 9,383,084 B2
Other US and international patents pending

ILX450 Series

LED Hazardous Area Lighting



Years Warranty



Smart Control



Wet Location



Pressure Washable



Impact Resistance



High Temperature



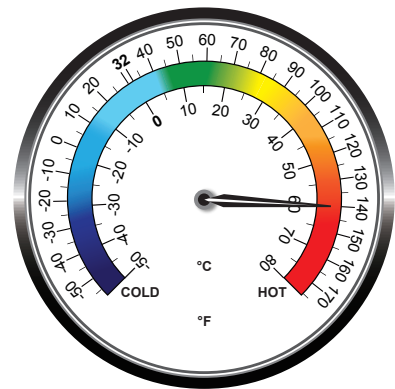
Hazardous Area

Advantages of ILX450

- Technologically advanced LED hazardous area light fixture
- Available in 100 ~ 220 watt configurations with various optics
- Ultra-bright industry leading high efficacy up to 170 lm / W
- Proprietary optics enabling glare-free, uniform lighting for most applications
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- Hazardous location and high temperature rated with an operational temperature of -40 ~ +65°C (-40 ~ +149°F)
- IP69K-rated tri-proof (dust, vapor & water-proof) & high pressure washable luminaire
- Industrial grade three layer powder coating on copper-free aluminium housing build for complete corrosion resistance
- Marine-rated stainless steel fasteners and trimmings
- Optional wireless smart control system with motion & daylight sensor enabling greater savings and flexibility
- Available with versatile mounting options for various hazardous area locations
- Titanium rated high efficiency LED driver with smart circuitry
- L70 ≥ 150,000 hours with an exceptional 10-year limited warranty
- Designed and engineered in the USA

Thermal Management

The new ILX450 LED drivers are designed specifically for extreme application lighting that requires high ambient operating temperatures. It utilizes the latest topology in electronic circuitry design with state of the art military and industrial grade components. The LED driver is encapsulated with thermal potting into a dedicated heat sink for better thermal performance and greater flexibility for service and maintenance. The ILX450 LED driver module delivers an outstanding 95% efficiency and is designed to last over 60,000 hours in harsh environments with high operating ambient temperatures.



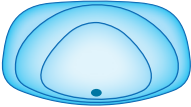
System Watts	T6 Temperature Code Ambient Temperature Range		T5 Temperature Code Ambient Temperature Range		T4a Temperature Code Ambient Temperature Range	
100 W	-40°F ~ 140°F	-40°C ~ 60°C	-40°F ~ 149°F	-40°C ~ 65°C		
120 W	-40°F ~ 131°F	-40°C ~ 55°C	-40°F ~ 149°F	-40°C ~ 65°C		
150 W	-40°F ~ 122°F	-40°C ~ 50°C	-40°F ~ 149°F	-40°C ~ 65°C		
185 W	-40°F ~ 113°F	-40°C ~ 45°C	-40°F ~ 131°F	-40°C ~ 55°C	-40°F ~ 149°F	-40°C ~ 65°C
220 W	-40°F ~ 113°F	-40°C ~ 45°C	-40°F ~ 131°F	-40°C ~ 55°C	-40°F ~ 149°F	-40°C ~ 65°C

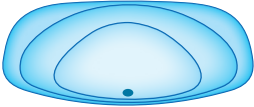
Optics Options

02 - Type II / wall mount & perimeter lighting applications

S - Short

M - Medium

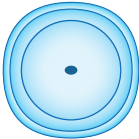


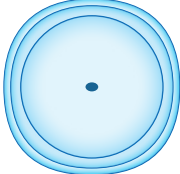


R5 - Type V Round / symmetric for low-mid-high bay, parking garages and flood applications

M - Medium

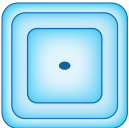
L - Long





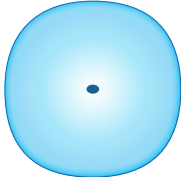
S5 - Type V Square / symmetric for high-bay, aisle, high-mast and flood applications

S - Short



F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long



ILX450 Series

LED Hazardous Area Lighting

Mounting Options

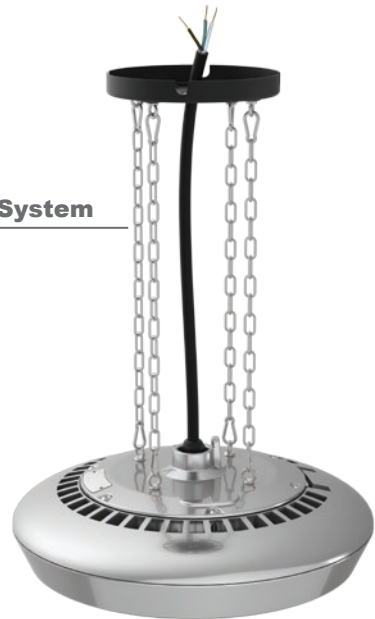


Swivel Mounting System - SWL

SST - Snap & Turn
Surface Mounting System



CH4 - Chain Mounting System



Pendant Mounting System - PDS



TMS - Tandem Mounting System



90° Wall Mounting System - W90



ILX450 Series

LED Hazardous Area Lighting

Mounting Options

90° Stanchion Mounting System - S90



S25 - 25° Stanchion Mounting System



90° Stanchion Wall Mounting System - WS9



WS2 - 25° Stanchion Wall Mounting System



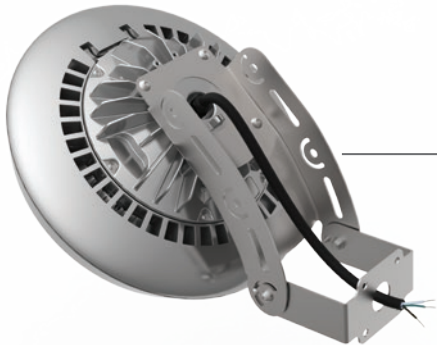
Ceiling Mounting System - CMS



ILX450 Series

LED Hazardous Area Lighting

High Temperature Mounting Options

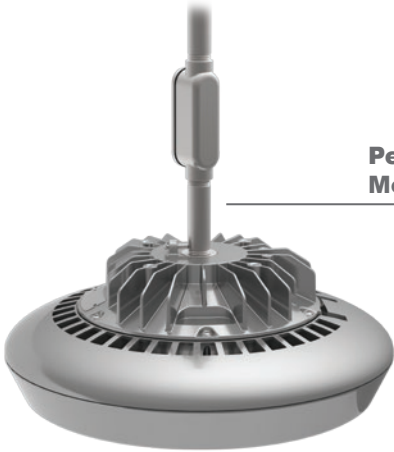


**Swivel High Heat - SWL
Mounting System**

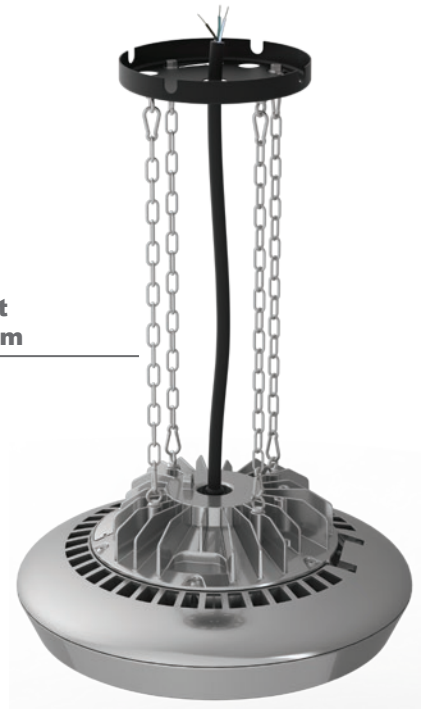
**SST - Snap & Turn High Heat
Surface Mounting System**



**Pendant High Heat - PDS
Mounting System**



**CH4 - Chain High Heat
Mounting System**



**TMS - Tandem High Heat
Mounting System**



ILX450 Series

LED Hazardous Area Lighting

High Temperature Mounting Options

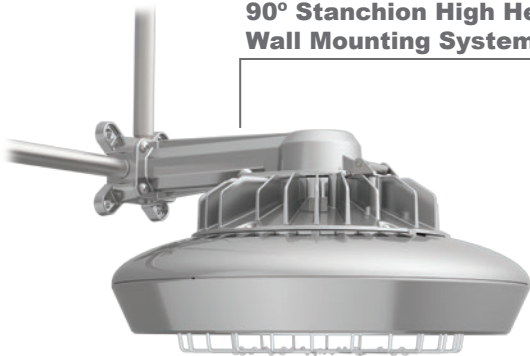
90° Stanchion High Heat - S90
Mounting System



S25 - 25° Stanchion High Heat
Mounting System



90° Stanchion High Heat - WS9
Wall Mounting System



WS2 - 25° Stanchion High Heat
Wall Mounting System



Ceiling High Heat - CMS
Mounting System



ILX450 Series

LED Hazardous Area Lighting

Ordering Information

ILX45	Wattage	Voltage	Optics	Pitch	CCT	Driver & Control	Mounting *
	100 = 100W 125 = 125W 150 = 150W 185 = 185W 220 = 220W	UV = 100-277VAC HV = 200-480VAC DV = 127-390VDC	O2 = Type II R5 = Type V Round S5 = Type V Square F5 = Type V Frosted	S = Short M = Medium L = Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Sensor SC = Smart Control HN = High Temp. Non-Dimmable HD = High Temp. Dimmable HC = High Temp. + Smart Control	PDS = Pendant Mount SST = Snap & Turn Mount CH4 = 4 Chain Mount W90 = 90° Wall Mount SWL = Swivel Mount TMS = Tandem Mount S90 = 90° Stanchion Mount S25 = 25° Stanchion Mount WS9 = 90° Stan Wall Mount WS2 = 25° Stan Wall Mount CMS - Ceiling Mount

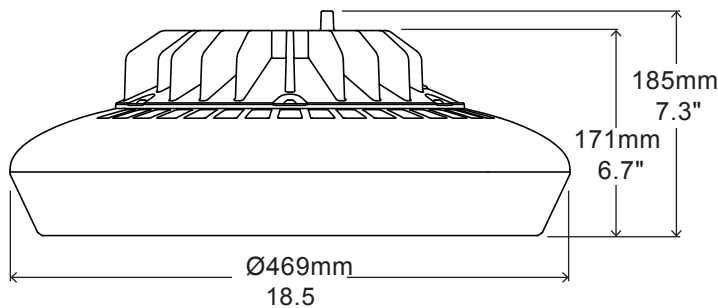
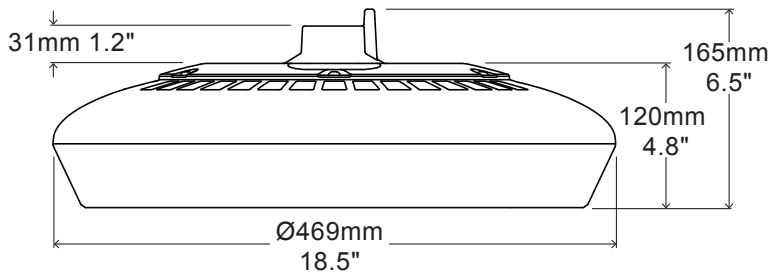
* PDS is the standard mounting system, please specify conduit diameter of NPT ¾" or 1".

NOTE: Gray is the standard exterior color.

Example

Part Number	Part Description
ILX45150UV-R5M-50HD-PDS	LED High Temperature Light / 150Watt / 100-277VAC / Type V Round / Medium Pitch / 5000K Cool White / High Temperature Dimmable / Pendant Mount

External Dimensions



Packaging Information

Quantity	Dimensions (LxWxH)	Weight
1	50 x 50 x 23 cm 19.7 x 19.7 x 9 in	12.5 kg 27.5 lbs

Quantity	Dimensions (LxWxH)	Weight
1	50 x 50 x 25.0 cm 19.7 x 19.7 x 9.8 in	15.0 kg 33.0 lbs



LX Series

FOOD PROCESSING LINEAR LED LUMINAIRE



LX Series

LED Food Processing Linear Lighting



Product Information

The LX Series is NSF certified and IP69K-rated LED linear light designed to withstand the demanding environments of modern food processing industry. This corrosion resistant fixture is available in multiple lengths and is ideal for applications that require daily cleaning with high pressure wash downs.

It is available in numerous high efficacy lumen packages and delivers ultra-wide 155° glare free, uniform lighting for outstanding horizontal and vertical surface coverage. Excellent thermal management ensures long LED life with extended lumen maintenance and virtually zero fixture maintenance. The LX Series has an IK10-impact rating and incorporates an all-inclusive junction box for simple installation with end to end connections.

Patent No.US 10,222,052 B1

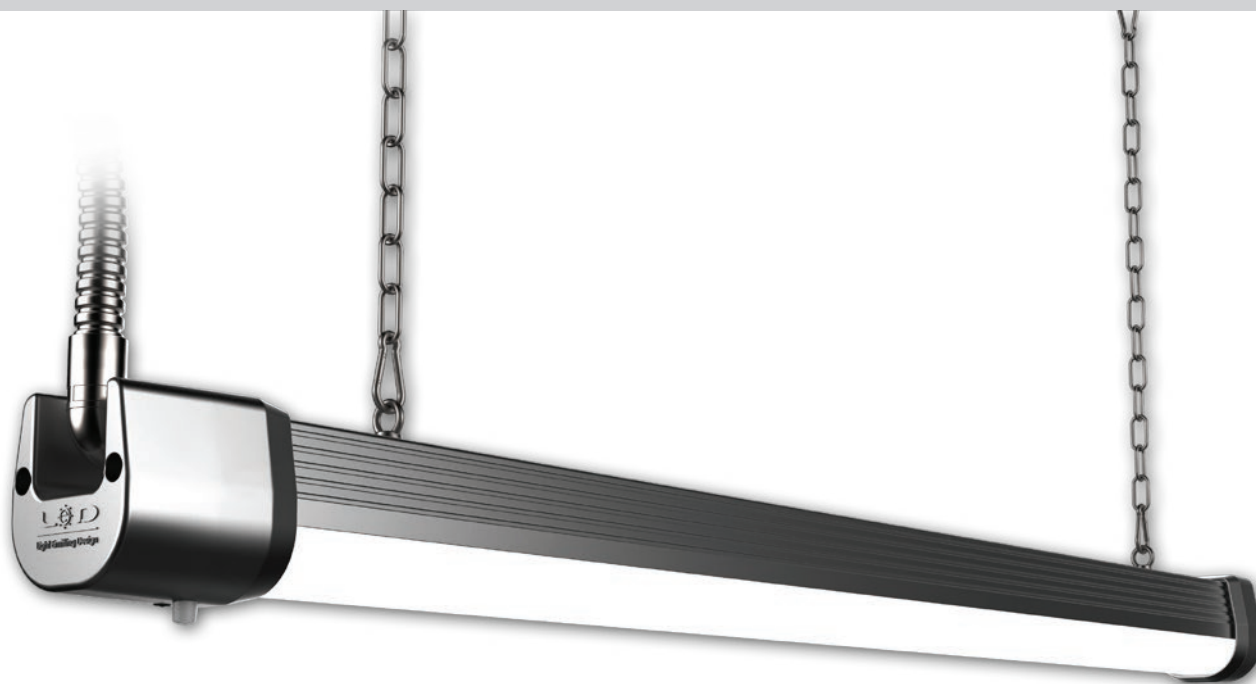
Other US and international patents pending

Applications

- Canneries
- Meat Packing Plants
- Slaughterhouses
- Rendering Plants
- Sugar Mills
- Dairy Processing
- Bottling Plants
- Chicken Farms

LX Series

LED Food Processing Linear Lighting



Years Warranty



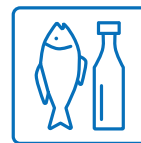
Wet Location



Pressure Washable



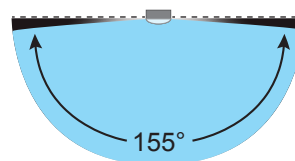
Impact Resistance



Food Processing

Advantages of LX Series

- NSF certified LED food & beverage processing linear light
- High efficacy fixture up to 170 lm / W
- Flexible wattages and lengths ranging from 20 ~ 120 Watt
- Robust designed fixture with an IK10-rating
- Glare free 155° wide angle optics reducing fixture count by up to 25%
- High pressure washable IP69K-rated tri-proof (dust, vapor & water-proof) fixture
- Lightweight design with accessible junction box for simplified installation
- 80CRI for exceptional color rendition
- Optional smart control and motion sensor with soft dimming function
- Optional all-inclusive emergency battery backup system 10 Watt / 90 minutes
- Versatile mounting options for all types of food & beverage processing applications
- L70 ≥ 100,000 hours with 7-year limited warranty
- Designed and engineered in the USA

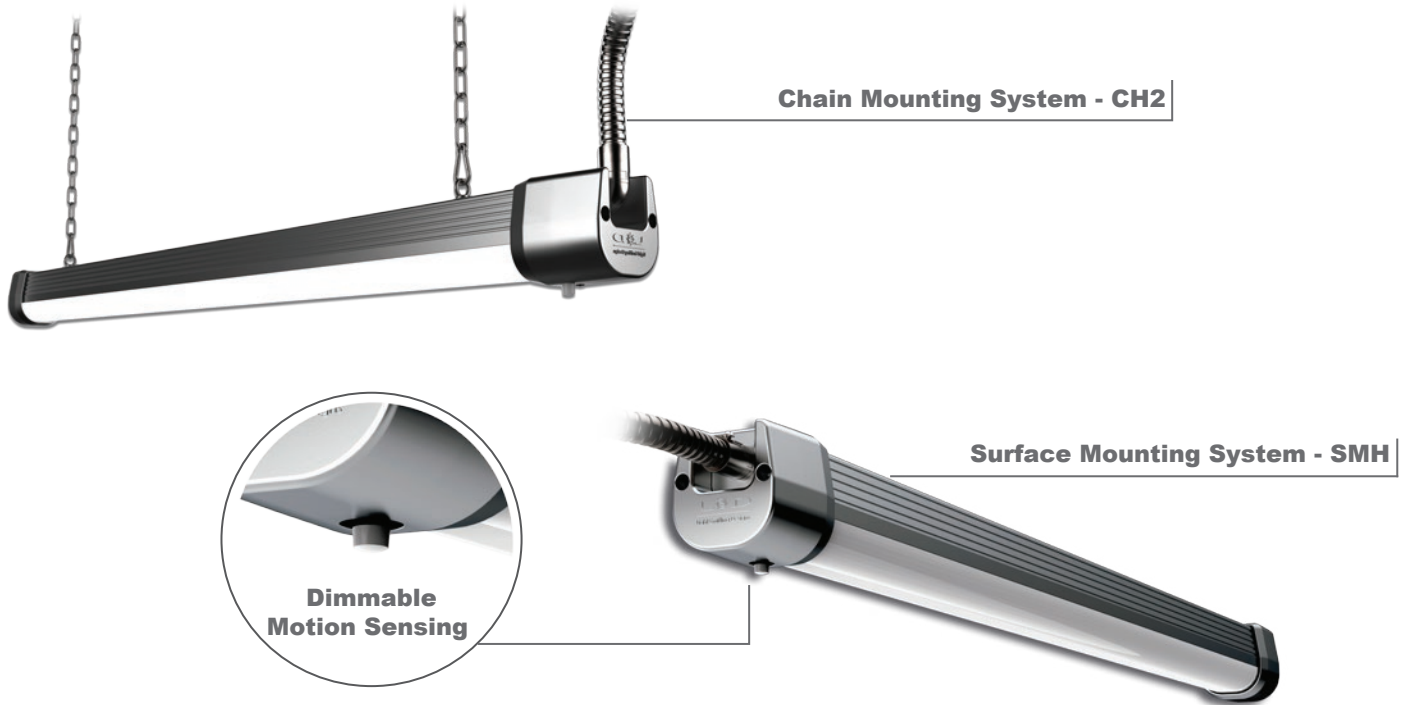


Wide Angle Optics

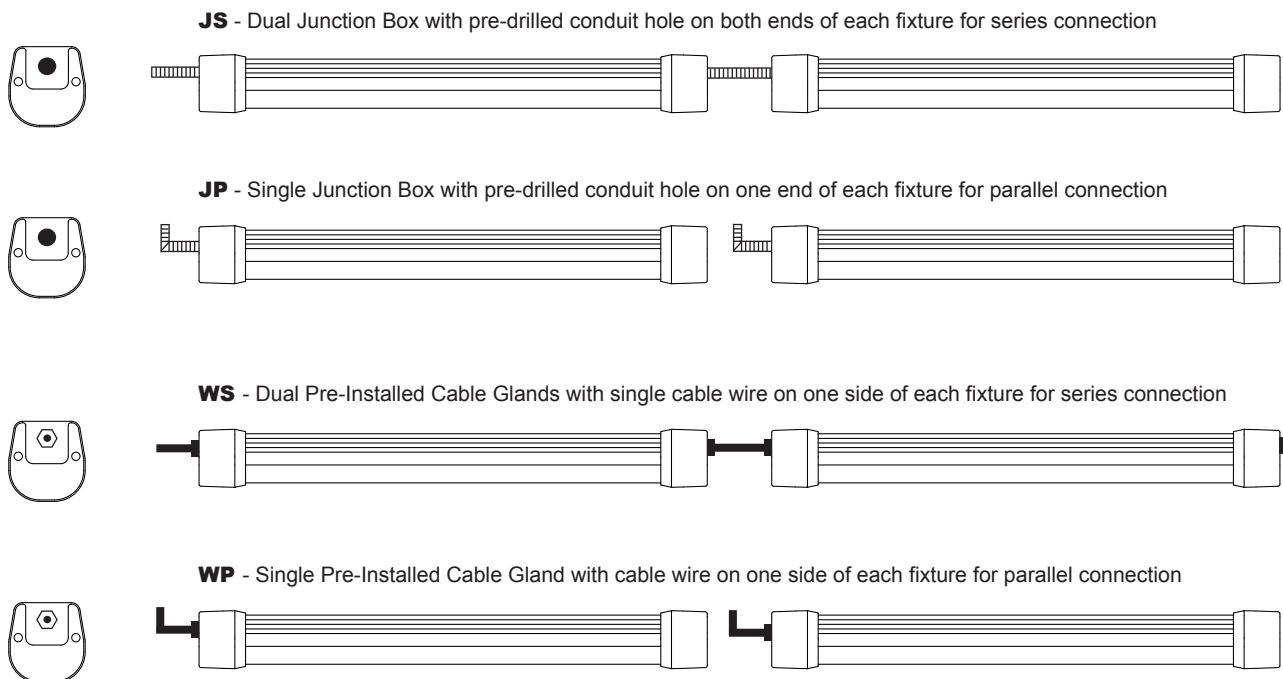
LX Series

LED Food Processing Linear Lighting

Mounting Options



Wiring Options

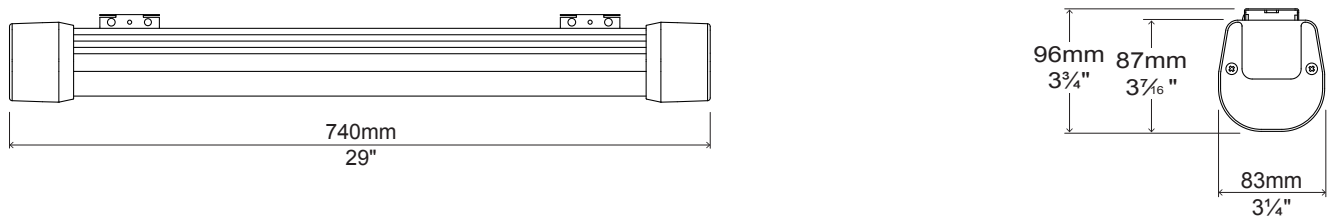


LX Series

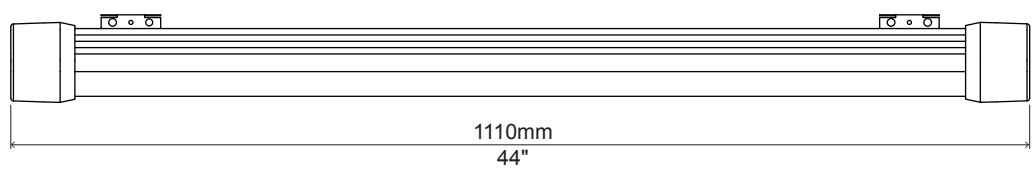
LED Food Processing Linear Lighting

External Dimensions

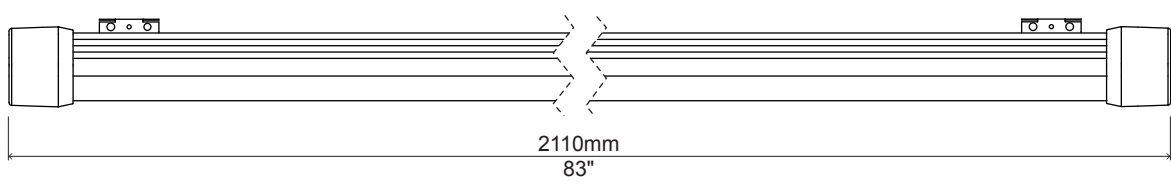
LX072



LX104 / LX1E4 / LX106 / LX1E6



LX208 / LX212



Packaging Information

Model	Case Quantity	Dimensions (L x W x H)	Weight
LX072	6	83 x 36 x 21 cm 32.7 x 14 x 8.3 in	13 kg 28.6 lbs
LX104	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LX1E4/1E6	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LX106	6	117 x 36 x 21 cm 46 x 14 x 8.3 in	18 kg 40 lbs
LX208	4	217 x 24 x 21 cm 85.5 x 9.5 x 8.3 in	26.5 kg 58.4 lbs
LX212	4	217 x 24 x 21 cm 85.5 x 9.5 x 8.3 in	26.5 kg 58.4 lbs

LX Series

LED Food Processing Linear Lighting

Ordering Information

LX	Length & Wattage*	Wiring**	Optics	CCT	Driver & Control	Mounting***
	072 = 74cm / 29" / 20Watt 104 = 111cm / 44" / 40Watt 1E4 = 111cm / 44" / 40/10Watt 106 = 111cm / 44" / 60Watt 1E6 = 111cm / 44" / 60/10Watt 208 = 211cm / 83" / 80Watt 212 = 211cm / 83" / 120watt	JS = J-Box in Series JP = J-Box in Parallel WS = Cable in Series WP = Cable in Parallel	FL = Frosted Long CM = Clear Medium	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable DS = Dimmable + Motion Sensor	SMH = Surface Mount CH2 = 2 Chain Mount

* LX1E emergency battery back up series is available in standard 40 and 60 Watt configurations with an all-inclusive charger, battery , indicator and test switch.

**When ordering JS or JP Wiring options, please specify required conduit hole diameter.

***Multi Mount system comes standard enabling surface, threaded rod and chain mounting.

Example

Part Number	Part Description
LX104-JSFL-50DS-SMH	LED Food Processing Linear Light / 111cm - 44" / 40Watt / 100-277VAC / J-Box in Series / Frosted Long / 5000K Cool White / Dimmable + Sensor / Surface Mount



ILX5530 Series

FOOD PROCESSING LED LUMINARE



ILX5530 Series

LED Food Processing Lighting



Product Information

The ILX5530 Series is the first true corrosion resistant, NSF certified and P69K hermetically sealed LED industrial luminaire specifically designed to withstand the extreme corrosive environments within the food processing industry. This high efficacy fixture is constructed from a specially treated marine rated SUS316 stainless steel and has a sloped curvature & smooth surface design enabling easy clean up during high pressure chemical wash-downs and prevents food residue and bacteria build up.

The proprietary polymer lens incorporates space age technology for unmatched corrosive resistance in acidic and caustic environments. The ILX5530 Series is available in various optics enabling, glare-free high CRI uniform lighting for all stages of food processing operations.

US & International patents pending

Applications

- Canneries
- Meat Packing Plants
- Slaughterhouses
- Rendering Plants
- Sugar Mills
- Dairy Processing Facilities
- Bottling Plants & Breweries
- Livestock Farms

ILX5530 Series

LED Food Processing Lighting



Years Warranty



Wet Location



Pressure Washable



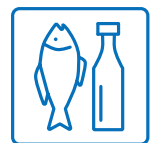
Impact Resistance



High Temperature



Corrosive Area



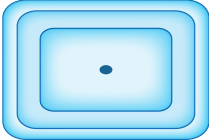
Food Processing

Advantages of ILX5530

- NSF certified industries first true corrosion resistant LED fixture
- Available in 100 ~ 150 Watt configurations
- Ultra-bright, industry leading high efficacy up to 165 lm / W
- IP69K-rated tri-proof (dust, vapor & water-proof) light fixture, high pressure washable up to 1800PSI
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- Sloped curvature & smooth surface design prevents food residue and bacteria build up
- Dual layer space age coating for unmatched corrosive resistance in acidic environments
- Corrosion resistant stainless steel SUS316 power connection portal for total protection
- Titanium rated high efficiency LED driver for unmatched reliability
- L70 ≥ 135,000 hours with an exceptional 7-Year Limited Warranty
- Designed and engineered in the USA

Optic Options

S5 - Type V Rectangular Medium / symmetric for canopies, tunnels, parking garages and wide flood applications

S - Short	M - Medium
	

F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long


Mounting Options



Swivel Mounting System - SWL



PDS - Pendant Mounting System

ILX5530 Series

LED Food Processing Lighting

Ordering Information

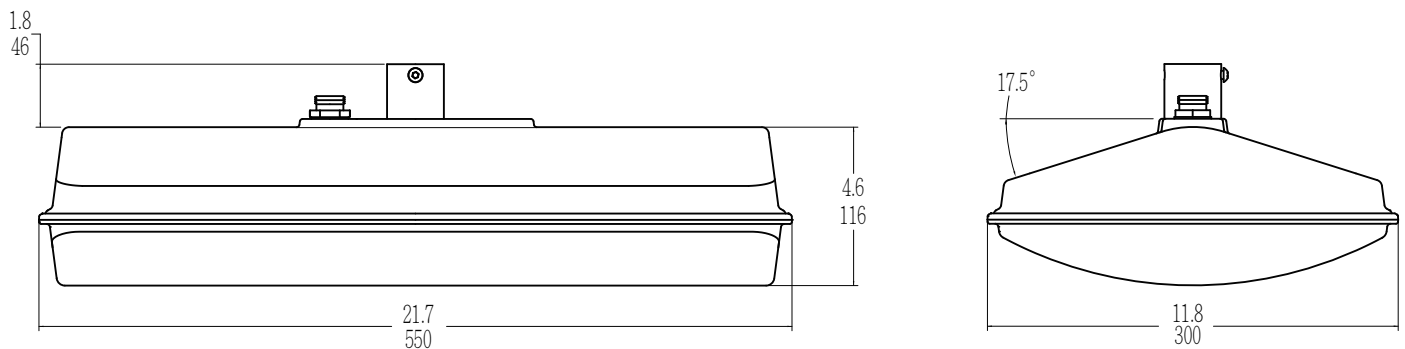
ILX5530 -	Wattage	Voltage	Optics	CCT	Driver & Control	Mounting*
	100 = 100W 125 = 125W 150 = 150W	UV = 100-277VAC HV = 200-480VAC	R5M = Type V Rectangular Medium F5L = Type V Frosted Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable	PDS = Pendant Mount SWL = Swivel Mount

*PDS is the standard mounting system, Please specify conduit diameter of NPT 3/4" or 1".

Example

Part Number	Part Description
ILX5530-150UV-R5M-50DM-PDS	LED Food Processing Light / 150 Watt / 100-277VAC / Type V Rectangular Medium / 5000K Cool White / Dimmable / Pendant Mount

External Dimensions



Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
1	57 x 32 x 17 cm 22.4 x 12.6 x 6.7 in	8.5 kg 18.75 lbs



RWX600 Series

CORROSIVE AREA APPLICATION LED LUMINAIRE



RWX600 Series

LED Corrosive Area Lighting



Product Information

The RWX600 Series is a true corrosion resistant, pole mounted area / site luminaire designed specifically to withstand the extreme corrosive environments found in offshore oil & gas and mining operations.

This IP66 rated luminaire is ideal for offshore oil platforms, terminals & tank farms to sub-surface mineshafts. Field serviceable cost effective modularized light engine and LED driver prolongs fixture usage far beyond its warranty period. The RWX600 is available with an optional dusk-to-dawn built in daylight sensor designed to work year-round.

US & International patents pending

Applications

- Offshore Oil Platforms
- Refineries
- Gas-to-Liquid (GTL) Plants
- Terminals & Tank Farms
- Desalination Plants
- Wastewater Treatment Plants
- Cement & Chemical Plants
- Conveyor Belts

RWX600 Series

LED Corrosive Area Lighting



Years Warranty



Wet Location



Impact Resistance



Corrosive Area

Advantages of RWX600

- Pole mounted corrosive area / site LED luminaire
- Available in 30 / 50 / 70Watt configurations
- Direct replacement of up to 250W HID street light
- Ultra-bright industry leading high efficacy up to 180 lm /W
- Field serviceable cost effective modularized light engine and LED driver
- Wide angle optics with built in 10° vertical tilt for more uniform lighting distribution
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- ZHAGA standard receptacle with built in daylight sensor and surge / lightning protection
- IP66 rated tri-proof (dust, vapor & water-proof) light fixture
- Titanium rated high efficiency LED driver with smart circuitry
- Ideal for budgetary lighting projects
- Marine rated SUS316 stainless steel housing for superior corrosion protection
- 15-year limited warranty on housing & structure
- 5 year limited warranty on light engine and LED driver

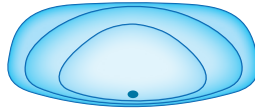
RWX600 Series

LED Corrosive Area Lighting

Optics Options

02 - Type II / asymmetric for street and pedestrian walkway applications

M - Medium

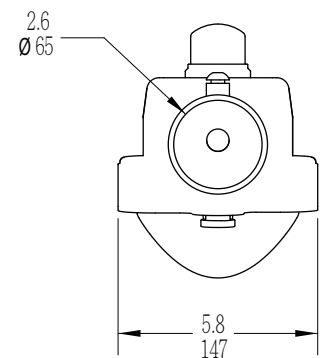
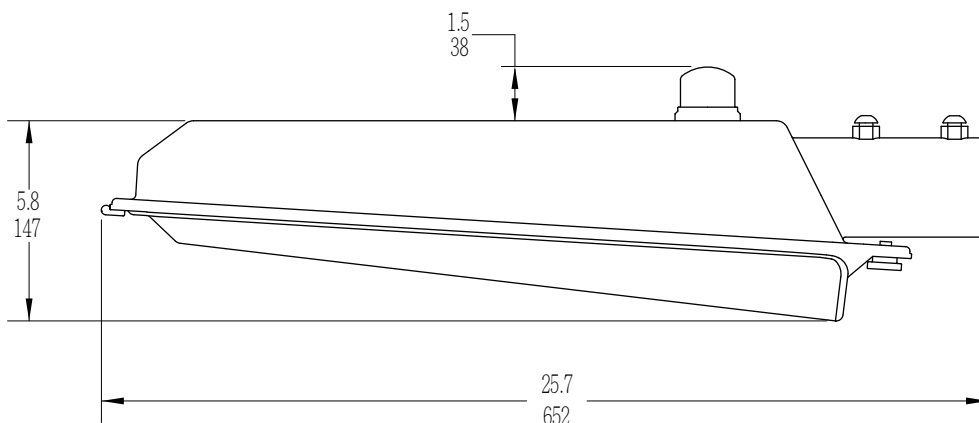


F2 - Type II Opaque - Frosted / asymmetric for ultra uniform & low glare applications

L-Long



External Dimensions



RWX600 Series

LED Corrosive Area Lighting

Ordering Information

RWX60	Wattage	Voltage	Optics	CCT	Driver & Control*
	30 = 30Watt 50 = 50Watt 70 = 70Watt	UV = 100-277VAC HV = 200-480VAC			
			02M = Type II Clear Lens Medium F2L = Type II Frosted Lens Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable NS = Daylight Sensor

*Daylight sensing is available with externally mounted ZHAGA standard receptacle module.

Example

Part Number	Part Description
RWX6030UV-02M-50ND	LED Corrosive Area Light / 30 Watt / 100-277VAC / Type II Clear Lens Medium / 5000K Cool White / Non-Dimmable

Packaging Information

Model	Case Quantity	Dimensions (LxWxH)	Weight
RWX600	1	67 x 7 x 10 cm 26.4 x 2.8 x 4 inch	2.7 kg 6 lbs



ILX5530 Series

CORROSIVE AREA LED LUMINARE



ILX5530 Series

LED Corrosive Area Lighting



Product Information

The ILX5530 Series is the first true corrosion resistant, NSF certified and P69K hermetically sealed LED industrial luminaire specifically designed to withstand extreme corrosive environments. This high efficacy fixture is constructed from specially treated marine rated SUS316 stainless steel with a sloped surface design enabling easy clean-up during high pressure chemical wash-downs and reducing residue and bacteria build up.

The proprietary polymer lens incorporates space age technology for unmatched corrosive resistance in acidic and caustic environments. The ILX5530 Series is available in various optics enabling, glare-free high CRI uniform lighting for all stages of hazardous corrosive area operations.

US & International patents pending

Applications

- Marine & Ship Yards
- Desalination Plants
- Wastewater Treatment Plants
- Cement & Chemical Plants
- Offshore Oil & Gas
- Refineries
- Gas-to-Liquid (GTL) Plants
- Terminals & Tank Farms

ILX5530 Series

LED Corrosive Area Lighting



Years Warranty



Wet Location



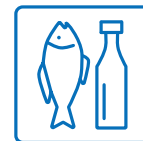
Pressure Washable



Impact Resistance



High Temperature



Food Processing



Corrosive Area

Advantages of ILX5530

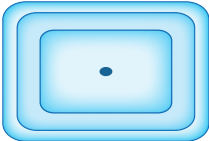
- Industries first true corrosion resistant LED fixture
- Available in 100 ~ 150 Watt configurations
- Ultra-bright, industry leading high efficacy up to 165 lm / W
- IP69K-rated tri-proof (dust, vapor & water-proof) light fixture, high pressure washable up to 1800PSI
- Advanced thermal technology enables low LED junction temperatures (Tj) for maintenance free long life
- Sloped curvature & smooth surface design prevents residue and bacteria build up
- Dual layer space age coating for unmatched corrosive resistance in acidic environments
- Corrosion resistant stainless steel SUS316 power connection portal for total protection
- Optional wireless smart control system enables greater savings and flexibility
- Titanium rated high efficiency LED driver for unmatched reliability
- L70 ≥ 135,000 hours with an exceptional 7-Year limited warranty
- Designed and engineered in the USA

ILX5530 Series

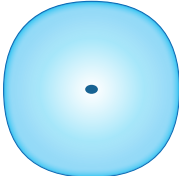
LED Corrosive Area Lighting

Optic Options

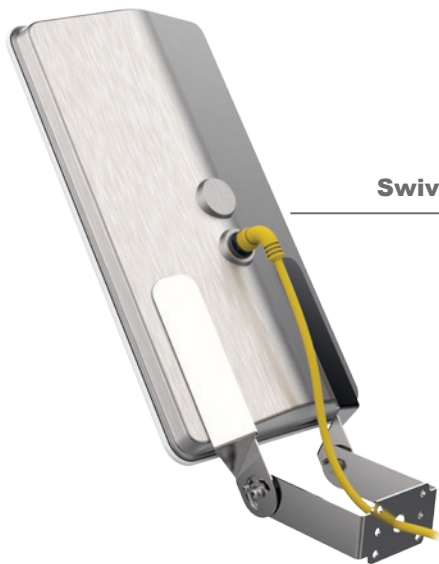
S5 - Type V Rectangular Medium / symmetric for canopies, tunnels, parking garages and wide flood applications

S - Short	M - Medium
	

F5 - Type V Opaque - Frosted / symmetric for ultra uniform & low glare applications

L - Long


Mounting Options



Swivel Mounting System - SWL



PDS - Pendant Mounting System

ILX5530 Series

LED Corrosive Area Lighting

Ordering Information

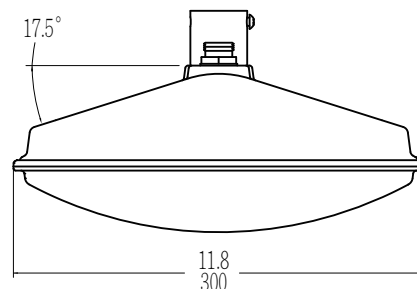
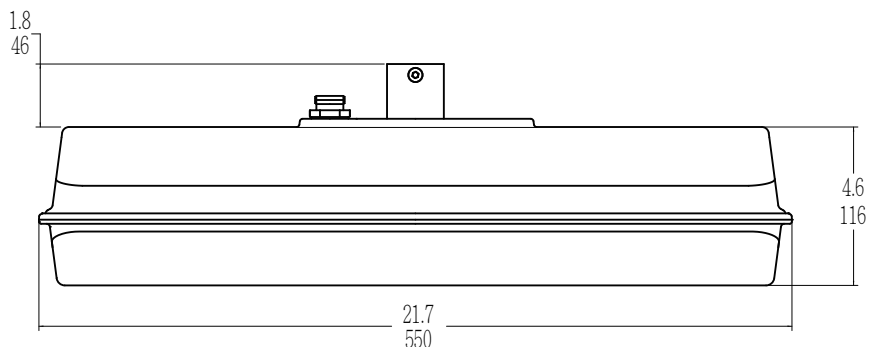
ILX5530 -	Wattage	Voltage	Optics	CCT	Driver & Control	Mounting*
	100 = 100W 125 = 125W 150 = 150W	UV = 100-277VAC HV = 200-480VAC	R5M = Type V Rectangular Medium F5L = Type V Frosted Long	30 = 3000K 40 = 4000K 50 = 5000K	ND = Non-Dimmable DM = Dimmable	PDS = Pendant Mount SWL = Swivel Mount

*PDS is the standard mounting system, Please specify conduit diameter of NPT 3/4" or 1".

Example

Part Number	Part Description
ILX5530-150UV-R5M-50DM-PDS	LED Corrosive Area Light / 150 Watt / 100-277VAC / Type V Rectangular Medium / 5000K Cool White / Dimmable / Pendant Mount

External Dimensions



Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
1	57 x 32 x 17 cm 22.4 x 12.6 x 6.7 in	8.5 kg 18.75 lbs



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