

ILX 3525 Series

Extreme Application LED Lighting



Advantages of ILX3525

- Ultra bright industry leading **High Efficacy (lm/W)** LED industrial light
- **IP68** and Petro-Chemical Industry rated luminaire with an exceptional **10-Year Limited Warranty**
- **Hazardous Area and High Heat Rating** with an operational temperature of - 40 ~ + 60°C
- **NEMA 4X** industrial grade Dura-Guard powder coating with **10 years protection on weather and corrosion**
- **Marine Rated Stainless Steel** components and trimmings
- Proprietary wide angle optics enabling glare-free uniform lighting for all applications.
Eliminating the need for costly and fragile plastic lenses
- Advanced Thermal Technology enables low LED junction temperatures (Tj) for **maintenance free long life**
- High efficiency LED driver with integrated smart circuitry and surge & transient voltage protection
- Optional programmable **RF Wireless Smart Control System with PIR motion & daylight sensor** enabling greater savings and flexibility
- **L70 Rating @ Ta 25°C over 150,000 hour rated life**
- **Designed and engineered in USA**

Application

- Oil & Gas
- Mining
- Gas Canopy Lighting
- Food processing plants
- Foundries
- Paper and Pulp Mills
- Desalination Plants
- Chemical Plants
- Power Generation
- Water & Sewage

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Optic Options

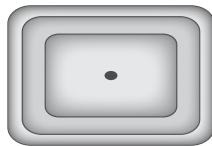
02 - Type II / wall mount & perimeter lighting applications

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



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Mounting Options



SPRING LOADED SNAP & SLIDE SURFACE MOUNTING SYSTEM

Part Number

Part Description

SSL-ILX3525-SS |

Snap & Slide Surface Mount Bracket / Stainless Steel



SPRING LOADED SNAP & SLIDE MOUNTING SYSTEM

Part Number

Part Description

SSL-ILX3525-45SS |

Snap & Slide Hanging System / 18" (45cm) / Stainless Steel

SSL-ILX3525-90SS |

Snap & Slide Hanging System / 36" (90cm) / Stainless Steel



CHAIN CHANDELIER MOUNTING SYSTEM

Part Number

Part Description

CH4-ILX3525-45SS |

4 Link Chain Chandelier System / 18" (45cm) / Stainless Steel

CH4-ILX3525-90SS |

4 Link Chain Chandelier System / 36" (90cm) / Stainless Steel



WALL MOUNTING SYSTEM

Part Number

Part Description

W90-ILX3525-G |

90° Wall Mount Elbow Bracket / Galvanized Steel Gray



VARIABLE ANGLE SWIVEL MOUNTING SYSTEM

Part Number

Part Description

SWL-ILX3525-SS |

Variable Angle Swivel Mounting Bracket / Stainless Steel

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Extreme Application LED Lighting - 100Watt

Ordering Information

ILX3525		Wattage	Voltage	Optics	Pitch	CCT	Driver	Mounting *
035 = 35Watt	UV = 90-277VAC	055 = 55Watt	DV = 127-300VDC	02 = Type II	M = Medium	30 = 3000K	ND = Non-Dimmable	SSL = Snap & Slide
075 = 75Watt		100 = 100Watt		S5 = Type V Rectangular	L = Long	40 = 4000K	DM = Dimmable	CH4 = 4 Chain
				F5 = Type V Frosted		50 = 5000K	DS = Dimmable With Sensor	W90 = Wall Mount
				B2 = Billboard				SWL = Swivel Mount

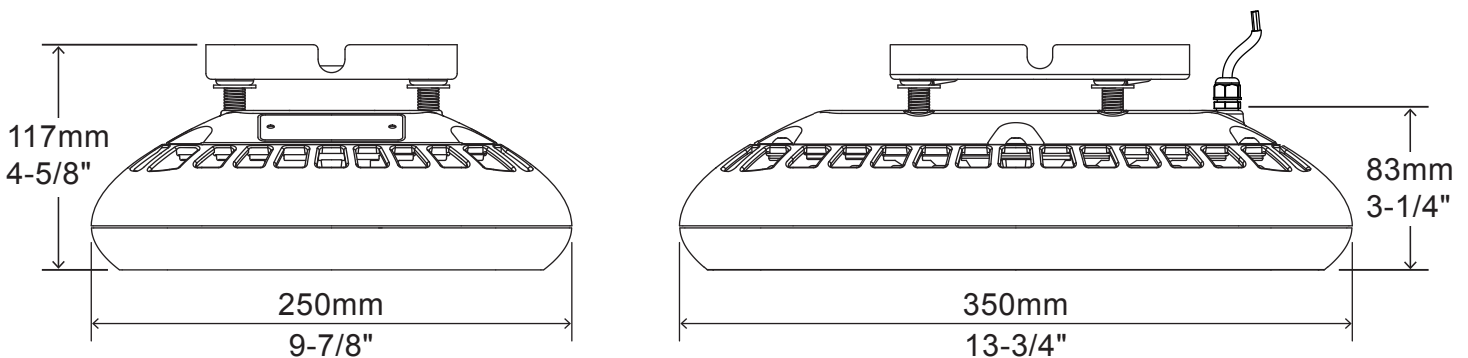
* SSL mount is standard, please see mounting options accessories for details.

NOTE: Outdoor application and corrosive environment please request glass lens. Gray is the standard exterior color. Other colors are available on request.

Example

Part Number	Part Description
ILX3525-100UV-S5M-50DS-SSL	LED Industrial Light / 100 Watt / 90-277VAC / Type V Rectangular / Medium Pitch / 5000K Cool White / Dimmable with Motion Sensor / Snap & Slide

External Dimensions



Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
1	38.5 x 28.5 x 16.5 cm 15 1/8 x 11 1/4 x 6 1/2 in	5.7 kg 12.5 lbs

ILX 3525 Series

Extreme Application LED Lighting - 100Watt - Type II / V

Specification - Type II / Type V Rectangular

Input Voltage	90-277VAC 47~63Hz / 127-300VDC
Fixture Watts	100 Watt
Lumens (Total) *	11,600 Lumens
Efficacy *	116 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@650mA
CRI	75
T _J - Junction Temp (T _a @ 25°C)	58°C
L70 Rating @ T _a 25°C	> 150K hours
Lighting Control	Dimmable (0-10V, PWM) / Daylight & Motion Sensor
Warranty	10-Year Limited
Operational Temperature (T _a)	-40°C ~ 60°C
Storage Temp. / Humidity	-40°C ~ 80°C / IP68 Waterproof Rated Fixture
Transient Surge Protection	6kV / 3kA (optional 10kV / 5kA) (L - L, L-G)

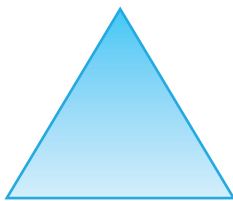
* Test data @ 25°C

NOTE: All Values Have ±7% Tolerance

NOTE: Light intensities measured directly below fixture

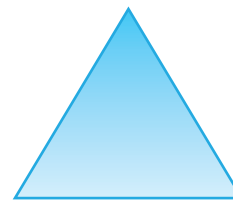


Illumination Levels - Type II & Type V Rectangular



Type II - Medium		
Height	LUX	FC
4m / 13ft	311	29
5m / 16.5ft	228	21
6m / 20ft	151	14
7m / 23ft	119	11
8m / 26ft	87	8

OPTICS: Type II Reflector & Linear Glass Lens.



Type V Rectangular - Medium		
Height	LUX	FC
4m / 13ft	285	26
5m / 16.5ft	182	17
6m / 20ft	126	12
7m / 23ft	93	9
8m / 26ft	71	7

OPTICS: Type V Rectangular Reflector & Clear Glass Lens.

ILX 3525 Series

Extreme Application LED Lighting - 100Watt - Type V Frosted

Specification - F5 Type V Frosted

Input Voltage	90-277VAC 47~63Hz / 127-300VDC
Fixture Watts	100 Watt
Lumens (Total) *	10,000 Lumens
Efficacy *	100 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@650mA
CRI	70 / 80
T _J - Junction Temp (T _a @ 25°C)	54°C
L70 Rating @ T _a 25°C	> 160K hours
Lighting Control	Dimmable (0-10V, PWM) / Daylight & Motion Sensor
Warranty	10-Year Limited
Operational Temperature (T _a)	-40°C ~ 60°C
Storage Temp. / Humidity	-40°C ~ 80°C / IP68 Waterproof Rated Fixture
Transient Surge Protection	6kV / 3kA (optional 10kV / 5kA) (L - L, L-G)

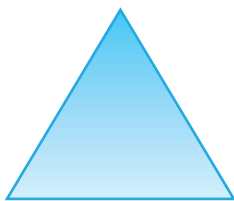
* Test data @ 25°C

NOTE: All Values Have ±7% Tolerance

NOTE: Light intensities measured directly below fixture



Illumination Levels - F5 Type V Frosted



Type V Frosted - Long		
Height	LUX	FC
3m / 9.8ft	353	33
4m / 13ft	255	24
5m / 16.5ft	185	17
6m / 20ft	126	12

OPTICS: No Reflector & Frosted Plastic Lens.