ILX 3525 Series

Extreme Application LED Lighting

10 YEAR LIMITED WARRANTY

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**
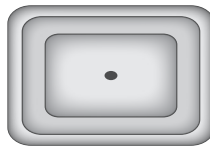- **Water & Sewage**

Optic Options

02 - Type II / wall mount & perimeter lighting applications

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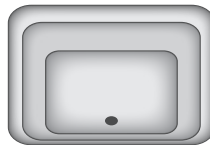
S5 - Type V Rectangular / symmetric for canopies, tunnels, parking garages and wide flood applications

M - Medium

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

L - Long

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

Ordering Information

IL3525

| Wattage	Voltage	Optics	Pitch	CCT	Driver	Mounting *
035 = 35Watt	UV = 90-277VAC	02 = Type II	M = Medium	30 = 3000K	ND = Non-Dimmable	SSL = Snap & Slide
055 = 55Watt	DV = 127-300VDC	S5 = Type V Rectangular	L = Long	40 = 4000K	DM = Dimmable	CH4 = 4 Chain
075 = 75Watt		F5 = Type V Frosted		50 = 5000K	DS = Dimmable With Sensor	W90 = Wall Mount
100 = 100Watt		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
ILX3525-055UV-S5M-50DS-SSL	LED Industrial Light / 55 Watt / 90-277VAC / Type V Rectangular / Medium Pitch / 5000K Cool White / Dimmable with Motion Sensor / Snap & Slide

External Dimensions

117mm
4-5/8"

250mm
9-7/8"

83mm
3-1/4"

350mm
13-3/4"
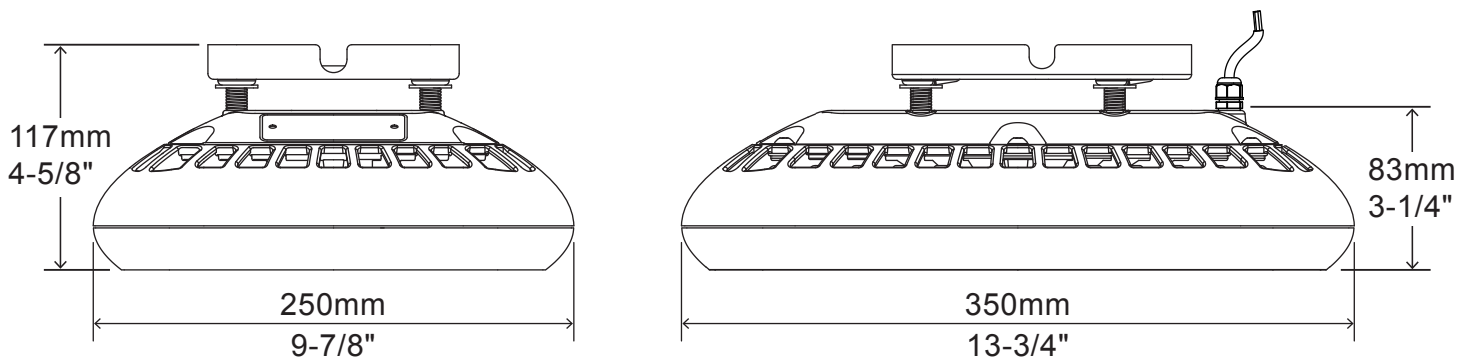
Packaging Information

Case Quantity	Dimensions (LxWxH)	Weight
1	38.5 x 28.5 x 16.5 cm 15⅛ x 11¼ x 6½ in	5.7 kg 12.5 lbs

Specification - Type II / Type V Rectangular

|	
Input Voltage	90-277VAC 47~63Hz / 127-300VDC
Fixture Watts	55 Watt
Lumens (Total) *	7,150 Lumens
Efficacy *	130 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@445mA
CRI	75
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 @ 25ºC
NOTE: All Values Have ±7% Tolerance
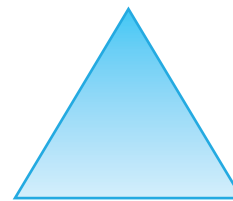NOTE: Light intensities measured directly below fixture

Illumination Levels - Type II & Type V Rectangular
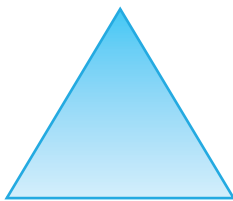
Type II - Medium		
Height	LUX	FC
4m / 13ft	202	19
5m / 16.5ft	148	14
6m / 20ft	98	9
7m / 23ft	77	7
8m / 26ft	56	5

OPTICS: Type II Reflector & Linear Glass Lens.

Type V Rectangular - Medium		
Height	LUX	FC
4m / 13ft	214	20
5m / 16.5ft	138	13
6m / 20ft	96	9
7m / 23ft	70	7
8m / 26ft	53	5

OPTICS: Type V Rectangular Reflector & Clear Glass Lens.

ILX 3525 Series

Extreme Application LED Lighting - 55Watt - Type V Frosted

Specification - F5 Type V Frosted

|	
Input Voltage	90-277VAC 47~63Hz / 127-300VDC
Fixture Watts	55 Watt
Lumens (Total) *	6,100 Lumens
Efficacy *	111 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@445mA
CRI	70 / 80
T_J - Junction Temp (T_a @ 25°C)	51°C
L70 Rating @ T_a 25°C	> 175K 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 @ 25ºC
NOTE: All Values Have ±7% Tolerance
NOTE: Light intensities measured directly below fixture

Illumination Levels - F5 Type V Frosted
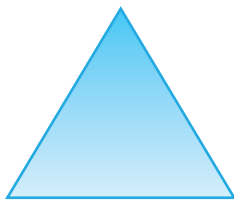
Type V Frosted - Long		
Height	LUX	FC
3m / 9.8ft	230	21
4m / 13ft	163	15
5m / 16.5ft	120	11
6m / 20ft	83	8

OPTICS: No Reflector & Frosted Plastic Lens.