

# IL 3525 Series

## LED Industrial Lighting



### Advantages of IL3525

- **Proprietary Reflector and 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 (T<sub>j</sub>) for maintenance free long life
- **Dura-Guard** double layer epoxy coating with industry leading 10 year protection on weather and corrosion
- Integrated high efficiency LED driver with smart circuitry combined with surge and transient voltage protection
- A true industrial grade luminaire that is **IP68** (water, dust & vapor-proof) rated with an exceptional **10-Year Limited Warranty**
- Optional programmable **RF Wireless Smart Control System with PIR motion & daylight sensor** enabling greater savings and flexibility
- Designed and Engineered in the **USA**

### Application

- Food Processing Plants
- Billboards
- Warehouses
- Parking Structures
- Canopy Lighting
- Tunnels

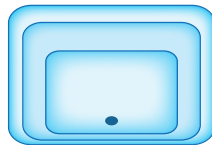
# IL 3525 Series

## LED Industrial Lighting

### Optic Options

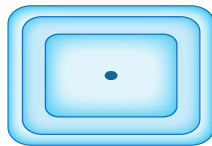
**02 - Type II** / wall mount & perimeter lighting

**M - Medium**



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

**M - Medium**



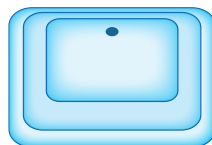
**F5 - Type V Opaque - Frosted** / symmetric for ultra uniform & low glare application

**L - Long**



**B2 - Billboard Lighting** / asymmetric for billboards and signage applications

**M - Medium**



# IL 3525 Series

## LED Industrial Lighting

### Mounting Options



#### SPRING LOADED SNAP & SLIDE SURFACE MOUNTING SYSTEM

##### Part Number

##### Part Description

SSL-IL3525-B

Snap & Slide Surface Mount Bracket / Steel Black



#### SPRING LOADED SNAP & SLIDE MOUNTING SYSTEM

##### Part Number

##### Part Description

SSL-IL3525-45B

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

SSL-IL3525-90B

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



#### CHAIN CHANDELIER MOUNTING SYSTEM

##### Part Number

##### Part Description

CH4-IL3525-45C

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

CH4-IL3525-90C

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



#### WALL MOUNTING SYSTEM

##### Part Number

##### Part Description

W90-IL3525-G

90° Wall Mount Elbow Bracket / Steel Gray



#### VARIABLE ANGLE SWIVEL MOUNTING SYSTEM

##### Part Number

##### Part Description

SWL-IL3525-SS

Variable Angle Swivel Mounting Bracket / Stainless Steel

# IL 3525 Series

## LED Industrial Lighting - 55Watt

### Ordering Information

IL3525		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

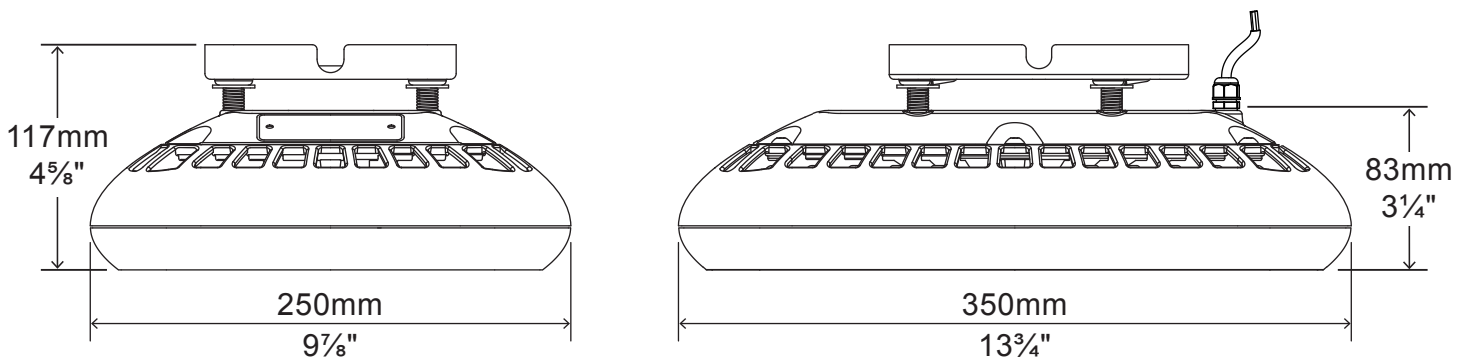
\* SSL mount is standard, please see mounting options accessories for details.

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
IL3525-055UV-S5M-50DS-SSL	LED Industrial Light / 55 Watt / 90-277VAC / Type V Rectangular / Medium Pitch / 5000K Cool White / Dimmable with Daylight & 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

# IL 3525 Series

## LED Industrial Lighting - 55Watt - Type II / V

### Specification - Type II / Type V Rectangular & B2 Billboard

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 <sub>J</sub> - Junction Temp (T <sub>a</sub> @ 25°C)	54°C
L70 Rating @ T <sub>a</sub> 25°C	> 160K hours
Lighting Control	Dimmable (0-10V, PWM) / Daylight & Motion Sensor
Warranty	10-Year Limited
Operational Temperature (T <sub>a</sub> )	-40°C ~ 50°C
Storage Temp. / Humidity	-40°C ~ 80°C / IP68 Waterproof Rated Fixture
Transient Surge Protection	6kV / 3kA (L - L, L-G)

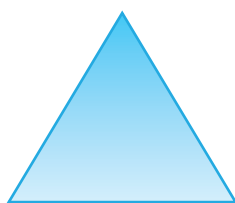
\* Test data @ 25°C

NOTE: All Values Have ±7% Tolerance

NOTE: Light intensities measured directly below fixture

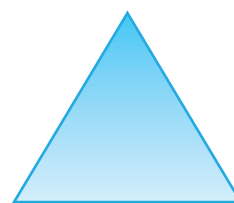


### Illumination Levels - Type II & Type V Rectangular



Type II - Medium		
Height	LUX	FC
4m / 13ft	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.



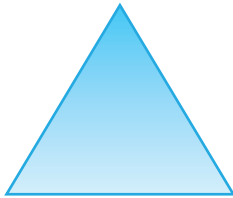
Type V Rectangular - Medium		
Height	LUX	FC
4m / 13ft	214	20
5m / 16.5ft	138	13
6m / 20ft	96	9
7m / 23ft	70	7
8m / 26ft	53	5

OPTICS: Type V Rectangular Reflector & Clear Glass Lens.

# IL 3525 Series

LED Industrial Lighting - 55Watt - Type II / V

## Illumination Levels - B2 Billboard



<i>B2 Billboard - Medium</i>		
Height	LUX	FC
1m / 3.3ft	668	62
2m / 6.6ft	406	38
3m / 10ft	269	25

OPTICS: B2 Billboard Reflector & Clear Glass Lens.

# IL 3525 Series

## LED Industrial 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 <sub>J</sub> - Junction Temp (T <sub>a</sub> @ 25°C)	51°C
L70 Rating @ T <sub>a</sub> 25°C	> 175K hours
Lighting Control	Dimmable (0-10V, PWM) / Daylight & Motion Sensor
Warranty	10-Year Limited
Operational Temperature (T <sub>a</sub> )	-40°C ~ 50°C
Storage Temp. / Humidity	-40°C ~ 80°C / IP68 Waterproof Rated Fixture
Transient Surge Protection	6kV / 3kA (L - L, L-G)

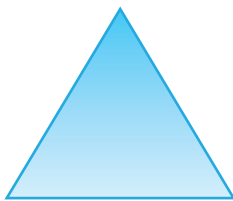
\* Test data @ 25°C

NOTE: All Values Have ±7% Tolerance

NOTE: Light intensities measured directly below fixture



### Illumination Levels - F5 Type V Frosted



<b>Type V Frosted - Long</b>		
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.