IL 3525 Series

LED Industrial Lighting

Preserve the Planet you live on.

10 YEAR LIMITED WARRANTY

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_j) 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
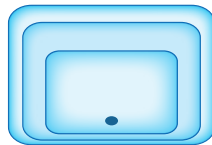- Parking Structures
- Canopy Lighting
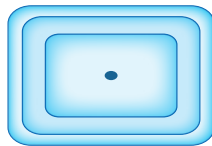- Tunnels

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
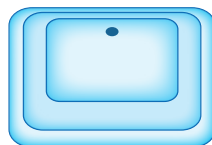
M - Medium

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

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

IL3525 Series

LED Industrial Lighting - 35Watt

Ordering Information

IL3525

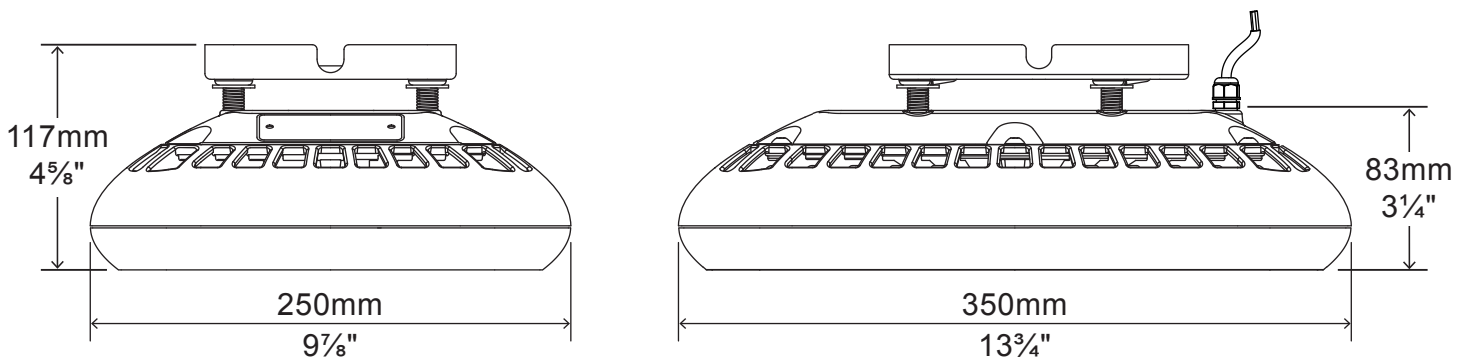| Wattage	Voltage		Optics	Pitch		CCT	Driver		Mounting *
035 = 35Watt	UV = 90-277VAC	-	02 = Type II	M = Medium	-	30 = 3000K	ND = Non-Dimmable	-	SSL = Snap & Slide
055 = 55Watt	DV = 127-300VDC		S5 = Type V Rectangular	L = Long		40 = 4000K	DM = Dimmable		CH4 = 4 Chain
075 = 75Watt			F5 = Type V Frosted			55 = 5000K	DS = Dimmable		W90 = Wall Mount
100 = 100Watt			B2 = Billboard				With Sensor		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
IL3525-035UV-S5M-50DS-SSL	LED Industrial Light / 35 Watt / 90-277VAC / Type V Rectangular / Medium Pitch / 5000K Cool White / Dimmable with Daylight & Motion Sensor / Snap & Slide

External Dimensions

117mm
4⅝"

250mm
9⅞"

83mm
3¼"

350mm
13¾"

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 & B2 Billboard

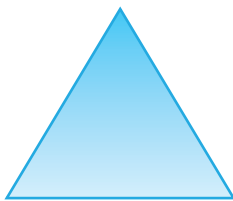|	
Input Voltage	90-277VAC 47~63Hz / 127-300VDC
Fixture Watts	35 Watt
Lumens (Total) *	4,830 Lumens
Efficacy *	138 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@285mA
CRI	75
T_J - Junction Temp (T_a @ 25°C)	50°C
L70 Rating @ T_a 25°C	> 175K hours
Lighting Control	Dimmable (0-10V, PWM) / Daylight & Motion Sensor
Warranty	10-Year Limited
Operational Temperature (T_a)	-40°C ~ 50°C
Storage Temp. / Humidity	-40°C ~ 80°C / IP68 Waterproof Rated Fixture
Transient Surge Protection	6kV / 3kA (L - L, L-G)

* Test data @ 25ºC
NOTE: All Values Have ±7% Tolerance
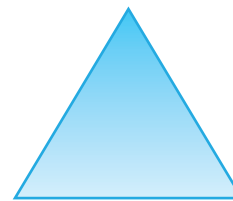NOTE: Light intensities measured directly below fixture

Illumination Levels - Type II & Type V Rectangular

Type II - Medium		
Height	LUX	FC
4m / 13ft	158	15
5m / 16.5ft	113	11
6m / 20ft	76	7
7m / 23ft	61	6
8m / 26ft	43	4

OPTICS: Type II Reflector & Linear Glass Lens.

Type V Rectangular - Medium		
Height	LUX	FC
4m / 13ft	144	13
5m / 16.5ft	92	9
6m / 20ft	64	6
7m / 23ft	47	4
8m / 26ft	36	3

OPTICS: Type V Rectangular Reflector & Clear Glass Lens.

Illumination Levels - B2 Billboard

B2 Billboard - Medium		
Height	LUX	FC
1m / 3.3ft	520	48
2m / 6.6ft	315	30
3m / 10ft	210	20

OPTICS: B2 Billboard Reflector & Clear Glass Lens.

Specification - F5 Type V Frosted

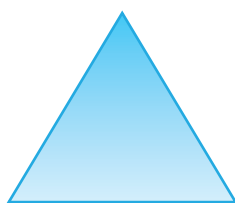|	
Input Voltage	90-277VAC 47~63Hz / 127-300VDC
Fixture Watts	35 Watt
Lumens (Total) *	4,025 Lumens
Efficacy *	115 Lumens / W
LED Model	Lumileds / Nichia / Cree
Number of LEDs & Driving Current	12@285mA
CRI	70 / 80
T_J - Junction Temp (T_a @ 25°C)	49°C
L70 Rating @ T_a 25°C	> 185K hours
Lighting Control	Dimmable (0-10V, PWM) / Daylight & Motion Sensor
Warranty	10-Year Limited
Operational Temperature (T_a)	-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 @ 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	180	17
4m / 13ft	126	12
5m / 16.5ft	95	9
6m / 20ft	63	6

OPTICS: No Reflector & Frosted Plastic Lens.

www.lightemittingdesigns.com
2140 N. Hollywood Way #6486 Burbank, CA 91510 USA
tel: 1 888 662-4466, e-mail: info@lightemittingdesigns.com

07

LeD is a trademark of Light Emitting Designs, Inc.
© 2017 Light Emitting Designs, Inc.
IL3525 35W REV12192016 Data Sheet