

ILB™

Industrial Low Bay

DESCRIPTION

The ILB™ delivers excellent illumination and provides the ideal solution for low ceiling applications, usually 20ft or less, such as industrial factories, garages, and warehouses. Distributing quality diffused light through the polycarbonate lens ensures optimum performance and low energy consumption which can improve optical safety and reduce maintenance costs. The durable construction is secured by stainless steel clips and integrated slots designed for passive cooling, ensuring a long life.



APPLICATIONS

Retail, Workshops, Industrial Factories, Garages, Warehouse, Institutional Facilities

FEATURES

Construction

Die-cast aluminum housing secured by stainless steel clips with an integrated slot design serves as passive cooling for thermal management, ensuring long lasting life.

Optical System

Diffused polycarbonate lens for low glare and maximum protection.

Warranty

5 Year Warranty.
Optional 7/10 Year Warranty Available.
See warranty documentation for more information.

Electrical

Input voltage: 120-277VAC
8W Emergency Battery Backup option available.

Installation/ Mounting

Surface Mount (Standard) or Hanging Mount Kit (Optional).

Controls/Dimming

1-10V Dimming comes standard.
External Bi-level Occupancy/Daylight Harvesting Sensor available.



ILB™

45W (5,400 lm)
70W (8,400 lm)
95W (11,400 lm)

Projected L70: 100,000+ hours

Warranty: 5 Years

System Efficacy: 120 LpW

1-10V Dimming



Wet Location



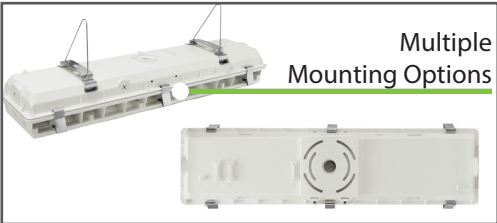
1-10V Dimming



Motion Sensor Option



8W EM Battery Backup Option



Multiple Mounting Options



Passive Cooling Thermal Management Design

Ordering Information

EXAMPLE: ILB-45W-50K-U-D-W-SM

Series	Wattage	CCT	Input Voltage	Dimming	Finish	Mounting Option	Control Option	Emergency Battery
ILB	45W 70W 95W	40K - 4000K 50K - 5000K	U - 120-277VAC	D - 1-10V Dimming	W - White	SM - Surface Mount HM - Hanging Mount	M - Bi-level Occupancy/ Daylight Harvesting Sensor	EM - 8W Emergency Battery Backup

Accessories

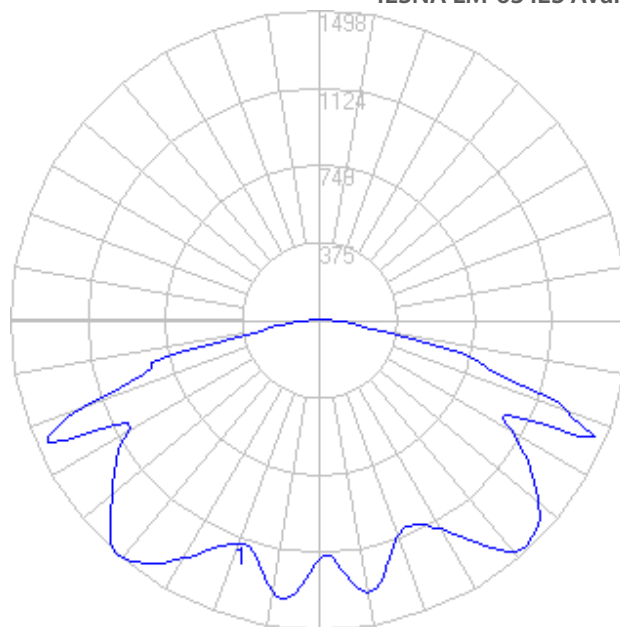
RC-RC-100 (TGS - Wireless Configuration Tool)
ILB-JBM (J- Box Surface Mount Plate)
ILB-CH (6' Hanging Chain Mount)

Performance Information

Input Voltage	120-277VAC
Input Frequency	50/60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	See Performance Table
CRI	>80
Available CCT	4000K, 5000K
Projected L70	100,000+ hours
Power Factor	>0.9
THD	<20%
Dimming	1-10V
Operating Temp.	-40°~113°F
IP Rating	Wet Location Rated

Photometric Data

* IESNA LM-63 IES Available



Performance Table

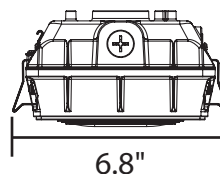
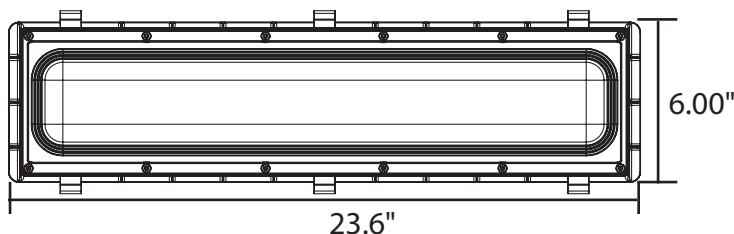
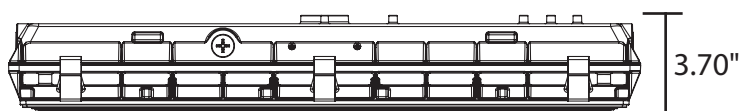
SKU	Wattage (W)	5000K	
		Delivered Lumens (lm)	Efficacy (lm/W)
ILB-45W-50K-U-D-W-SM	45	5400	120
ILB-70W-50K-U-D-W-SM	70	8400	120
ILB-95W-50K-U-D-W-SM	95	11400	120

Electrical Load

Wattage (W)	Driver Current (mA)	Current (A)			
		120V	208V	240V	277V
45	1120	0.38	0.22	0.19	0.16
70	1750	0.58	0.34	0.29	0.25
95	2500	0.79	0.46	0.40	0.34

Product Dimensions

45W/70W/95W



Weight: 7.05 lbs. (45W)
Weight: 8.03 lbs. (70W)
Weight: 8.20 lbs. (95W)

Accessories



Hanging Mount Kit
(Optional)
[HM]



External Bi-level Occupancy/
Daylight Harvesting Sensor
(Optional)
[M]



TGS - Wireless Configuration Tool
(Sold Separately)
[RC-RC-100]



Emergency
Battery Backup
(Optional)
[EM]



J-Box Surface Mount Plate
(Optional)
[ILB-JBM]

Control Pre-Commissioning

Default settings are indicated by *

High-end Trim/ Tuning	Sensitivity Range	Time Delay	Daylight Harvesting	Stand-by Light Level Setting	Stand-by Time Setting
70%	20%	10s	*Light sensor disabled	0%	∞
80%	50%	1min	1 FC (10 lux)	*10%	1min
90%	75%	*5min	3 FC (30 lux)	30%	30min
*100%	*100%	15min	5 FC (50 lux)	50%	*60min

High-End Trim/Tuning:

Setting that determines the maximum lumen output through high-end trim tuning, can be reduced by up to 30 percent.

Sensitivity Range:

Setting that determines the sensitivity range of the motion sensor when the daylight sensor is disabled.

Time Delay:

The light can be set to stay ON for any period of time between approx. 10 sec. to a maximum of 60 min. Any movement detected before this time elapse will re-start the timer.

Daylight Harvesting:

The chosen light response threshold can be disabled or respond when photocell detects foot candle levels 1-5 FC

Stand-by Light Level:

Setting determines how much lumen output is dimmed down to when no motion is detected.

Stand-by Time:

Setting determines how long after stand-by light level occurs the light will shut off. Up to 60 minutes.