

Date:	Project:	Type:	Notes:	Catalog #:
-------	----------	-------	--------	------------

LECB SERIES LED High Bay



The LECB Series is the perfect lighting solution for a wide variety of applications. LED technology allows power and light levels to be customized to meet both energy and design needs.



Features & Specifications

Applications

Ideal for use in warehouses, distribution centers, retail, gymnasiums, commercial and industrial applications.

Construction

Housing made 24 gauge cold rolled steel and is finished with a post-production baked white powder coat. Frosted lens.

Mounting

V- Hooks included for suspension mount. Chain and cable mount ready. Surface mount available. Cord and plug options offered.

Electrical

Utilizes high-efficiency LED power supply and circuit boards. 120-277V & 0-10V dimming standard. 480V option. 50/60HZ input frequency.

Operating Temperature

Suitable for -40°C – 50°C Ambient

Lumen Maintenance

L70 rating of 122,000 hours

Warranty

Five-year warranty. Terms and Conditions Apply. See warranty documentation for more information.

Certification

UL Damp Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) qualified. DLC 5.1 Premium listed¹. RoHS Compliant.

Performance Data

Form Factor	Rated Wattage	Tested Wattage	Delivered Lumens	Efficacy	CRI
1x2	65W	65W	8,775 LM	135 LPW	>84
1x2	85W	85W	11,475 LM	135 LPW	>84
1x2	105W	105W	14,175 LM	135 LPW	>84
1x2	130W	130W	17,550 LM	135 LPW	>84
1x2	155W	155W	20,925 LM	135 LPW	>84
1.5x2	170W	170W	22,950 LM	135 LPW	>84
1.5x2	210W	210W	28,350 LM	135 LPW	>84
1x4	255W	255W	34,425 LM	135 LPW	>84
1x4	300W	300W	40,500 LM	135 LPW	>84
1.5x4	400W	400W	54,000 LM	135 LPW	>84



Catalog Ordering

Sample Part # LECB-22-85W-50K-S5

LECB								
1	2	3	4	5	6	6	7	7

1 - Series	2 - Dimensions/ Wattage	3 - Color Temp (CCT)	4 - Version
LECB	22 - 65W (1x2 Foot, 65 Watt) 22 - 85W (1x2 Foot, 85 Watt) 22 - 105W (1x2 Foot, 105 Watt) 22 - 130W (1x2 Foot, 130 Watt) 22 - 155W (1x2 Foot, 155 Watt) 22 - 170W (1.5x2 Foot, 170 Watt) 22 - 210W (1.5x2 Foot, 210 Watt) 24 - 255W (1x4 Foot, 255 Watt) 24 - 300W (1x4 Foot, 300 Watt) 24 - 400W (1.5x4 Foot, 400 Watt)	40K (4000 Kelvin Temp) 50K (5000 Kelvin Temp)	E5 (DLC Version 5.1 Premium) S5 (DLC Version 5.1 Premium) ⁴

5 - Controls

OS (Occupancy Sensor)
PRGOS-LS ([Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell](#))
PRGOS-LR ([IRTEC LRD509 Programmable Occ Sensor w/ Remote Control](#))

6 - Options

EM10W (Battery Backup, 10 Watts, ~1300 lumens)²
EM10WT20 (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)²
EM15W (Battery Backup, 15 Watts, ~1950 lumens)²
EM15WT20 (Title 20 Compliant Battery Backup, 15 Watts, ~1950 lumens)²
EM20W (Battery Backup, 20 Watts, ~2600 lumens)²
EM20WT20 (Title 20 Compliant Battery Backup, 20 Watts, ~2600 lumens)²
ETS-DR (Emergency Control Device with 0-10V Relay)
480SD (480 Step-Down)⁵
PLG (6' SJT Cord & Plug)
C6 (6' Cord)
L7/15P (277V Twist-lock Plug)
PP (PowerPlus)

7 - Accessories (Sold Separately)

10GL (10' Loop w/ Gripple Hanging Kit)³
TMB (Top Mount Box)
SMK-1 (Surface Mount Kit 65WT, 85WT, 105WT, 130WT, 155WT, 255WT & 300WT)
SMK-2 (Surface Mount Kit 170WT, 210WT & 400WT)
LECB-12-WG-V5 (13" x 24" Wireguard 65WT, 85WT, 105WT, 130WT, & 155WT)
LECB-22-WG-V5 (17" x 24" Wireguard 170WT & 210WT)
LECB-14-WG-V5 (13" x 48" Wireguard 255WT & 300WT)
LECB-24-WG-V5 (17" x 48" Wireguard 400WT)

Notes

- Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/ to confirm which versions are qualified.
- Lumens will change based on fixture selection. Consult with factory for additional options.
- Mounting kit is manufactured by Gripple Inc.
- Only available with the 130WT and 255WT lumen packages.
- 480V SD option for the 400WT lumen package is only available if field intalled.

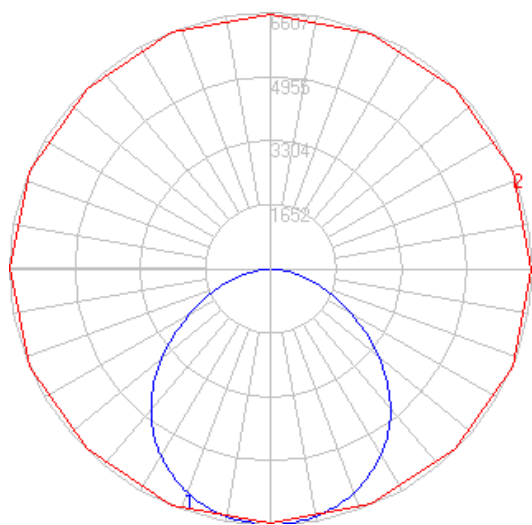
Photometric Data

LECB-22-130WT-40K Tested in accordance to IESNA LM-79

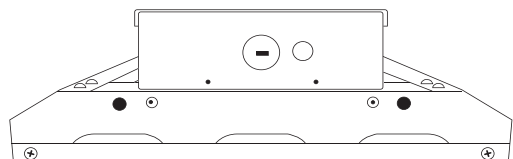
Zonal Lumen Summary

Zone	Lumens	%Luminaire
0-10	624.31	3.66%
10-20	1,791.19	10.49%
20-30	2,707.05	15.86%
30-40	3,222.12	18.88%
40-50	3,193.20	18.71%
50-60	2,634.74	15.44%
60-70	1,781.07	10.45%
70-80	900.14	5.27%
80-90	214.87	1.26%

Polar Graph



End View

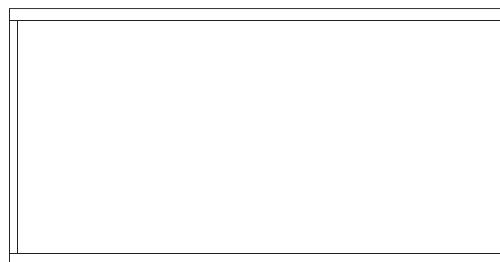


Physical Characteristics

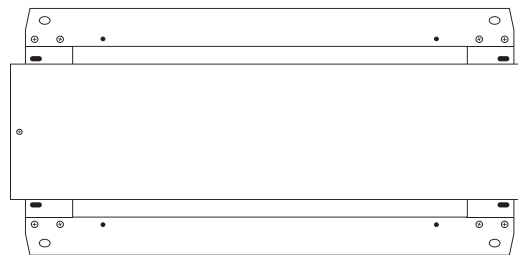
Dimensions

Version	Depth	Length	Width	Weight
65W, 85W & 105W	3.62"	23.8"	13.0"	10lbs
130W & 155W	3.62"	23.8"	13.0"	12lbs
170WT & 210W	3.62"	23.8"	17.3"	14lbs
255W & 300W	3.62"	45.9"	13.0"	18lbs
400W	3.62"	45.9"	17.3"	23lbs

Front View



Back View



Side View



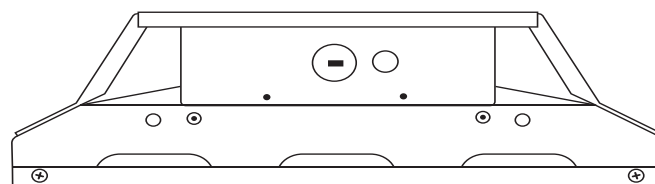
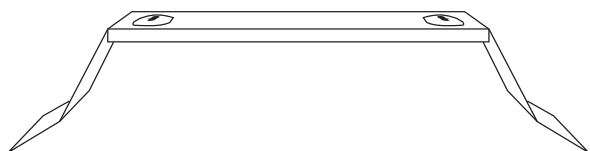
Versions

LECB-24 (1x4 housing)



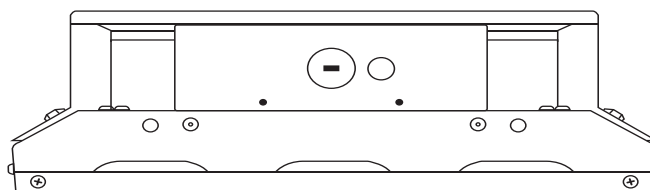
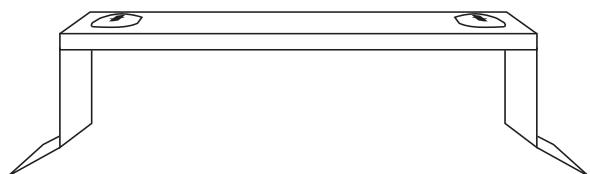
Mounting

SMK-1 (Surface Mount Kit 65WT, 85WT, 105WT, 130WT, 155WT, 255WT & 300WT)



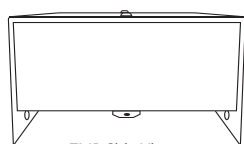
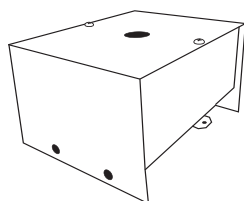
SMK-1 Installed

SMK-2 (Surface Mount Kit 170WT, 210WT & 400WT)

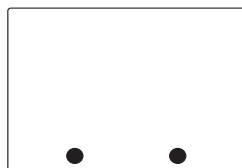


SMK-2 Installed

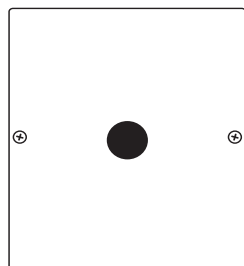
TMB (Top Mount Box)



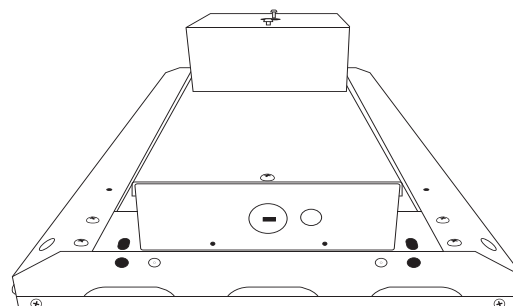
TMB Side View



TMB End View



TMB Top View



TMB Installed