

Date:	Project:	Type:	Notes:	Catalog #:
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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 Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) qualified¹. RoHS Compliant.

Performance Data

Form Factor	Rated Wattage	Tested Wattage	Delivered Lumens	Efficacy	CRI
1x2	68W	65W	8,515 LM	131 LPW	>84
1x2	90W	90W	11,790 LM	131 LPW	>84
1x2	110W	110W	14,440 LM	131 LPW	>84
1x2	135W	135W	17,685 LM	131 LPW	>84
1x2	162W	162W	21,222 LM	131 LPW	>84
1x2	178W	178W	23,318 LM	131 LPW	>84
1.5x2	223W	223W	29,312 LM	131 LPW	>84
1x4	265W	265W	34,715 LM	131 LPW	>84
1x4	320W	320W	41,920 LM	131 LPW	>84
1.5x4	425W	425W	55,675 LM	131 LPW	>84



LECB								
1	2	3	4	5	5	5	5	5
1 - Series	2 - Dimensions/ Wattage	3 - Color Temp (CCT)	4- Controls					
LECB	22 - 68W (1x2 Foot, 65 Watt) 22 - 90W (1x2 Foot, 90 Watt) 22 - 110W (1x2 Foot, 110 Watt) 22 - 135W (1x2 Foot, 135 Watt) 22 - 162W (1x2 Foot, 162 Watt) 22 - 178W (1x2 Foot, 178 Watt) 22 - 223W (1.5x2 Foot, 223 Watt) 24 - 265W (1x4 Foot, 265 Watt) 24 - 320W (1x4 Foot, 320 Watt) 24 - 425W (1.5x4 Foot, 425 Watt)	40K (4000 Kelvin Temp) 50K (5000 Kelvin Temp) 57K (5700 Kelvin Temp)	OS (Occupancy Sensor) PRGOS-LS (Sensorswitch LSXR-ADC-3v Occ Sensor w/ Dimming Photocell) PRGOS-LR (IRTEC LRD509 Programmable Occ Sensor w/ Remote Control)					

5 - Options

- EM5W** (Battery Backup, 5 Watts, ~650 lumens)²
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)²
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)²
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)²
- 480SD** (480 Step-Down)
- PLG** (6' SJT Cord & Plug)
- C6** (6' Cord)
- L7/15P** (277VT Twist-lock Plug)
- 10GL** ([10' Loop w/ Gripper Hanging Kit](#))³
- PP** (PowerPlus)
- TMB** (Top Mount Box)
- SMK-1** (Surface Mount Kit 68WT- 178WT)
- SMK-2** (Surface Mount Kit 223WT- 425WT)
- NV** (No Vents)
- WG** (Wireguard)
- BAA** (Buy American Act Compliant)

Notes

- 1 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.
- 2 Lumens will change based on fixture selection. Consult with factory for additional options.
- 3 Mounting kit is manufactured by Gripper Inc.

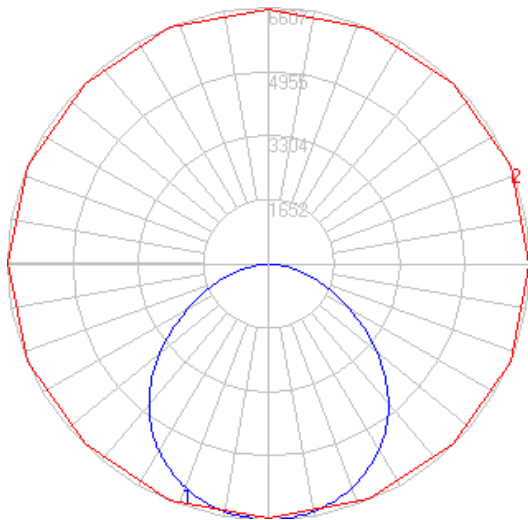
Photometric Data

LECB-22-135WT-40K Tested in accordance to IESNA LM-79

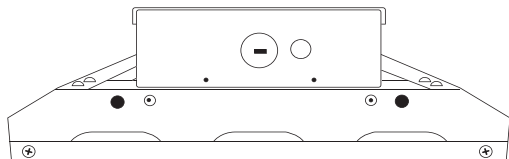
Zonal Lumen Summary

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

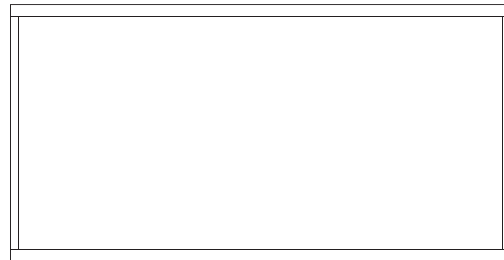


Physical Characteristics

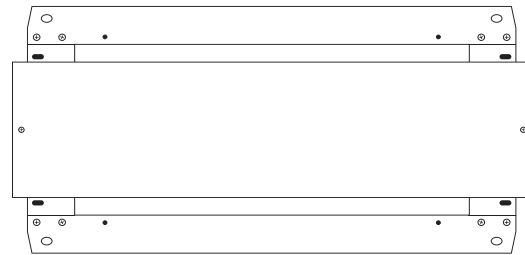
Dimensions

Version	Depth	Length	Width	Weight
68W-110W	3.62"	23.8"	12.6"	10lbs
135W-162W	3.62"	23.8"	12.6"	12lbs
223W	3.62"	23.8"	17.3"	14lbs
265W & 320W	3.62"	45.9"	12.6"	18lbs
425W	3.62"	45.9"	17.3"	23lbs

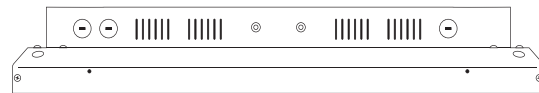
Front View



Back View



Side View



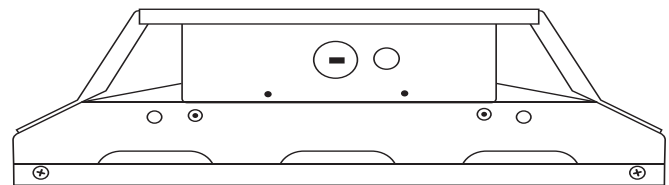
Versions

LECB-24 (1x4 housing)



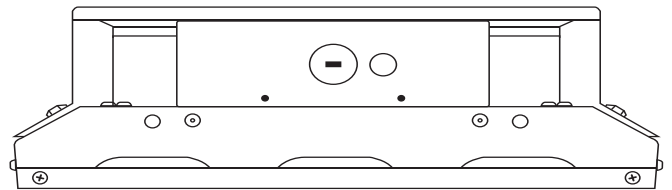
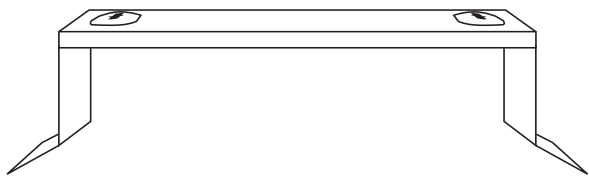
Mounting

SMK-1 (Surface Mount Kit 68WT- 178WT)



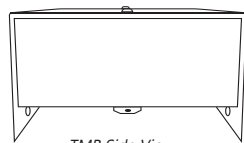
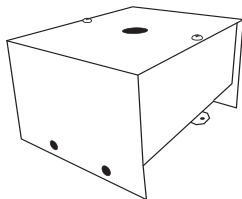
SMK-1 Installed

SMK-2 (Surface Mount Kit 223WT- 425WT)

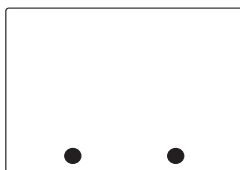


SMK-2 Installed

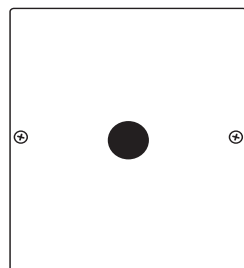
TMB (Top Mount Box)



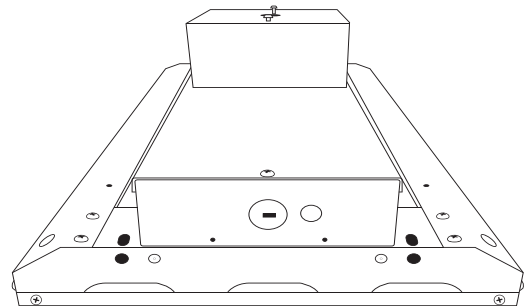
TMB Side View



TMB End View



TMB Top View



TMB Installed