

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 Damp Listed. Adheres to LM79, LM80 and TM21 industry standards. DesignLights Consortium® (DLC) 5.1 Premium rating<sup>1</sup>. 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



<b>LECB</b>								
1	2	3	4	5	6	6	7	7

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

- EM5W** (Battery Backup, 5 Watts, ~650 lumens)<sup>2</sup>
- EM10W** (Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>
- EM5WT20** (Title 20 Compliant Battery Backup, 5 Watts, ~650 lumens)<sup>2</sup>
- EM10WT20** (Title 20 Compliant Battery Backup, 10 Watts, ~1300 lumens)<sup>2</sup>
- ETS-DR** (Emergency Control Device with 0-10V Relay)
- 480SD** (480 Step-Down)
- PLG** (6' SJT Cord & Plug)
- C6** (6' Cord)
- L7/15P** (277VT Twist-lock Plug)
- PP** (PowerPlus)
- BAA** (Buy American Act Compliant)

**7 - Accessories (Sold Separately)**

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

**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/](http://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 Gripple Inc.

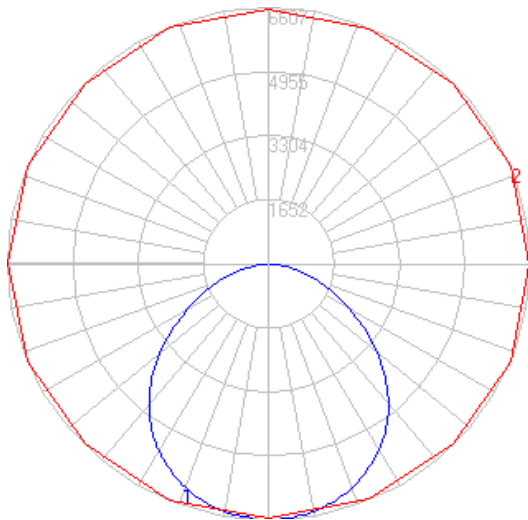
## Photometric Data

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

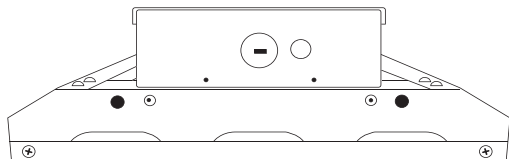
### Zonal Lumen Summary

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

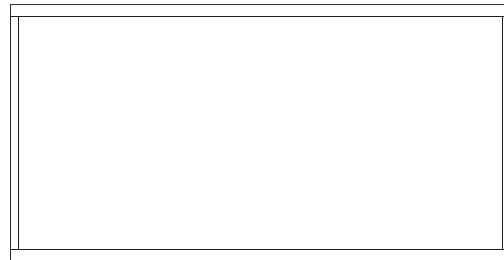


## Physical Characteristics

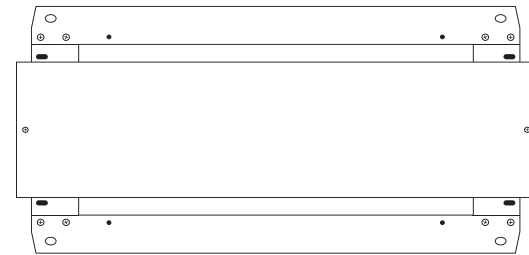
### Dimensions

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



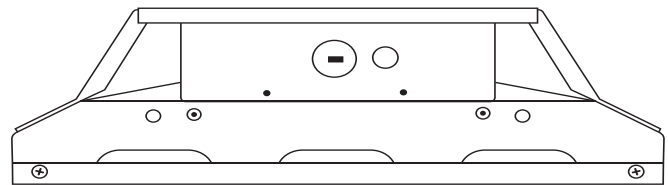
## Versions

LECB-24 (1x4 housing)



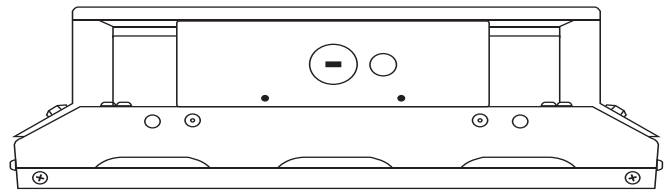
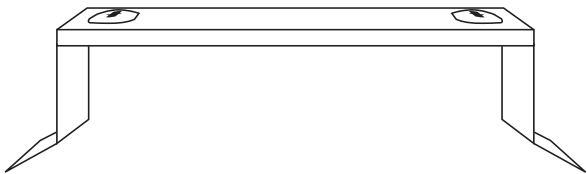
## Mounting

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



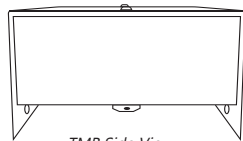
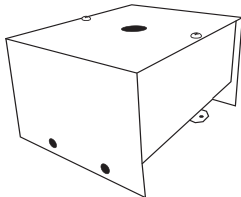
*SMK-1 Installed*

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

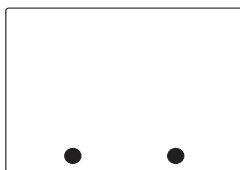


*SMK-2 Installed*

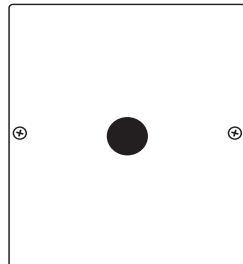
TMB (Top Mount Box)



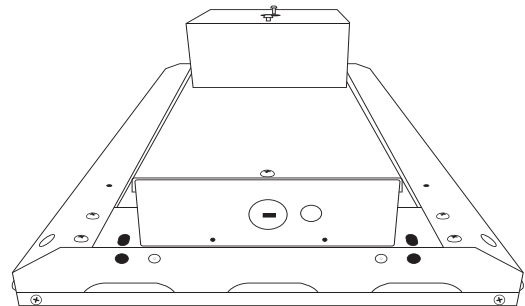
*TMB Side View*



*TMB End View*



*TMB Top View*



*TMB Installed*