![fsc lighting logo - Go Beyond Efficiency]

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 material is PMMA (Polymethylmethacrylate).

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 listed . 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
1x4	255W	255W	34,425 LM	135 LPW	>84
1.5x4	400W	400W	54,000 LM	135 LPW	>84

Catalog Ordering

LECB								
1	2	3	4	5	6	7	7	7

1 - Series

LECB

2 - Dimensions/ Wattage

22 - 65W-K-E5** (1x2 Foot, 65 Watt)
22 - 85W-K-E5** (1x2 Foot, 85 Watt)
22 - 105W-K-E5** (1x2 Foot, 105 Watt)
22 - 130W-K-S5** (1x2 Foot, 130 Watt)
22 - 155W-K-E5** (1x2 Foot, 155 Watt)
22 - 170W-K-E5** (1x2 Foot, 170 Watt)
24 - 255W-K-S5** (2x4 Foot, 255 Watt)
24 - 400W-K-E5** (1.5x4 Foot, 400 Watt)

3 - Color Temp (CCT)

40K (4000 Kelvin Temp)
50K (5000 Kelvin Temp)

4- Version

E5 (DLC Version 5.1 Premium)
S5 (DLC Version 5.1 Premium)

5 - Controls

OS On / Off PIR Occupancy Sensor
PRGOS-LS Sensorswitch LSXR Occ Sensor w/ Dimming Photocell
PRGOS-LR IRTEC LRD Programmable Occ Sensor w/ Remote Control

7 - Accessories

480SD 480 Step-Down
EM10WT20 Title 20 Compliant Emergency Battery Backup, 10 Watts, ~1300 Lumens (lumens will change based on fixture selection)
EM15WT20 Title 20 Compliant Emergency Battery Backup, 15 Watts, ~1950 Lumens (lumens will change based on fixture selection)
EM20WT20 Title 20 Compliant Emergency Battery Backup, 20 Watts, ~2600 Lumens (lumens will change based on fixture selection)
ETS-DR UL924 Emergency Lighting Control Device
PLG 6' SJT Cord & Plug
C6 6' Black Cord. Available in White
L7/15P 277V, 15a Twist Lock Plug
PP Power Plus Receptacle
10GL 10' Loop w/ Gripple Hanging Kit
LECB-TMB LECB Top Mount Box for Pendant and Surface Mounting
SMK-1-V5 Surface Mount Kit 65W, 85W, 105W, 130W, 155W & 255W
SMK-2-V5 Surface Mount Kit 170W & 400W
LECB-12-WG-V5 5.0 LECB 13" x 24" Wireguard 65W, 85WT, 105W, 130W, & 155W
LECB-22-WG-V5 5.0 LECB 17" x 24" Wireguard 170W
LECB-14-WG-V5 5.0 LECB 13" x 48" Wireguard 255W
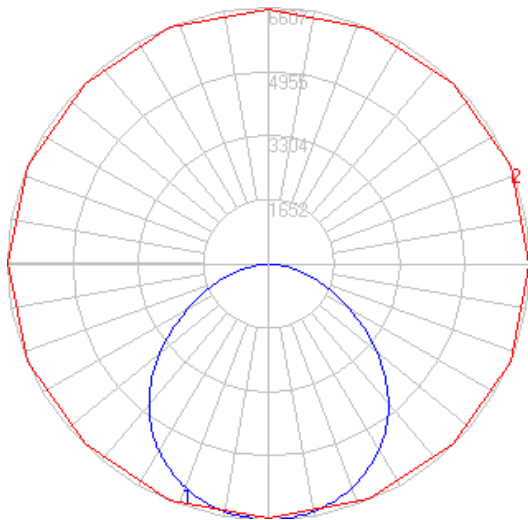**LECB-24-WG-V5** 5.0 LECB 17" x 48" Wireguard 400W

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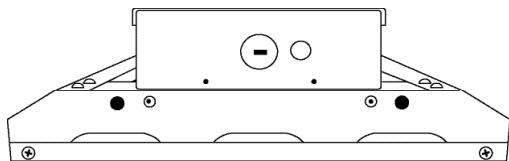
LECB-22-130WT-40K Tested in accordance to IESNA LM-79

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	3.62"	23.8"	17.3"	14lbs
255W	3.62"	45.9"	13.0"	18lbs
400W	3.62"	45.9"	17.3"	23lbs

Front View

Back View

Side View

![FSC lighting logo - Go Beyond Efficiency]
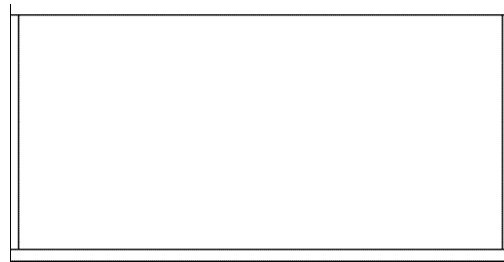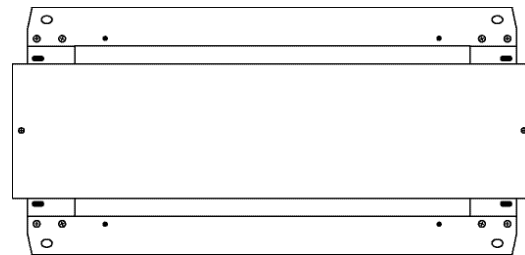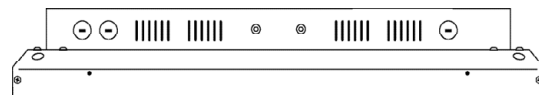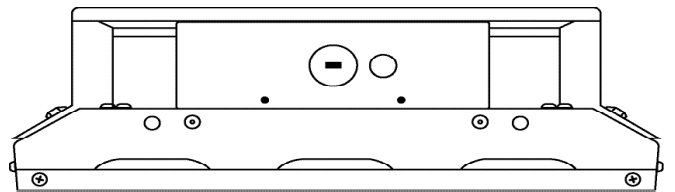
Versions

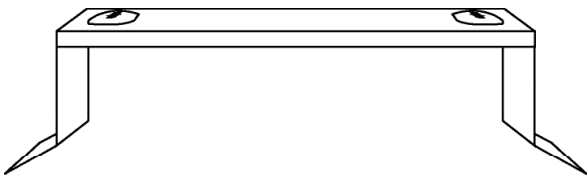LECB-24 (1x4 housing)

Mounting

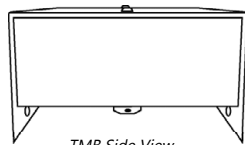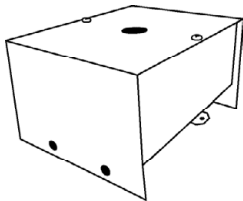SMK-1 (Surface Mount Kit 65WT, 85WT, 105WT, 130WT, 155WT, 255WT)
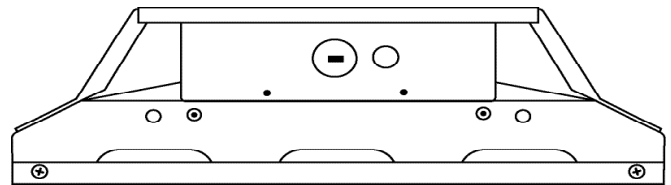
SMK-1 Installed

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

SMK-2 Installed
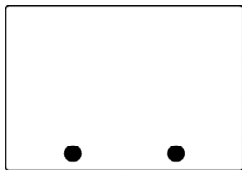
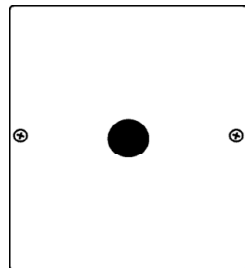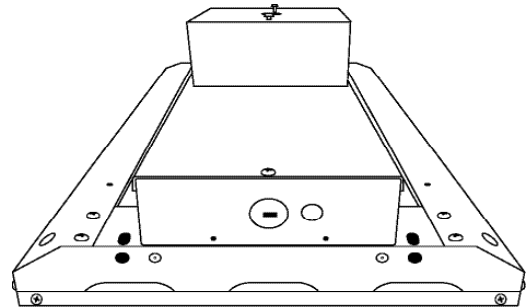TMB (Top Mount Box)

TMB Side View

TMB End View

TMB Top View

TMB Installed