LEDone®

LOC-#FTHVTHB Family Series

LED Vapor Tight High Bay Light

A BRIGHTER TOMORROW

CONSTRUCTION

- Polycarbonate housing with frosted lens
- Stainless steel lens clips
- Mercury and UV free

OPTICAL SYSTEM

- Seoul LED chips · 108° beam angle standard
- 155 lm/W high efficacy · up to 41,075 lm
- 100,000 hours lifetime

WARRANTY

- 5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

ELECTRICAL

- 120-277V input
- -40°C to 40°C (-40°F to 104°F)

INSTALLATION & MOUNTING

- Surface mount or V-hooks.

CONTROLS & DIMMING

- 0-10V dimming
- CCT selectable: 3,500K / 4,000K / 5,000K

FEATURES

- **Wattage selectable:** 2 ft: 60W / 75W / 90W; 4 ft: 120W / 140W / 160W or 145W / 225W / 265W
- **CCT selectable:** 3,500K / 4,000K / 5,000K · default 5,000K
- **IP66 rated · IK08** double protection
- **NSF rated** for Splash Zone and Non Food Zone
- Linkable design
- Easy installation and maintenance
- 100,000-hour rated lifetime
- 5-year limited warranty

SUITABLE APPLICATIONS

Food / Beverage	**Heavy manufacturing**
Underground parking	**Refrigerated storage**
Warehouses	**Tunnels**

SELECTABLE OUTPUT

2-foot: 60W / 75W / 90W · 4-foot: 120W / 140W / 160W or 145W / 225W / 265W. CCT 3,500K / 4,000K / 5,000K — field selectable, default 5,000K.

DLC PRODUCT ID

LOC-2FTHVTHB-MW90W3CCT – S-3XCB7X
LOC-4FTHVTHB-MW160W3CCT – S-B117K8
LOC-4FTHVTHB-MW265W3CCT – S-HVN1ZK

IP66 & IK08 double protection

Dust-tight and water-jet resistant housing with impact protection, built for food and beverage, parking, and washdown environments.

Linkable design

Connect multiple fixtures end-to-end on a single run — see the linking-together table on page 2 for maximum fixture counts by circuit and wire gauge.

OPTIONAL ACCESSORIES

LOC-EMDR-16WLI-170SD
Emergency driver · only for use with 2FT 90W and 4FT 160W

HC403V-KD
Microwave sensor

ENABLED EnabLED Licensing Program for LED Luminaires and Retrofit Bulbs Member LED One Corporation

Performance & Ordering Data

LOC-#FTHVTHB Family Series · Selectable CCT 3500K / 4000K / 5000K · 120-277V

LEDone®

LOC-2FTHVTHB-MW90W3CCT

Selectable wattage · 155 lm/W

WATTAGE	CCT	LUMENS	EFFICACY	VOLTAGE	CRI	POWER FACTOR	THD	TYPICAL REPLACEMENT
60W	3500K / 4000K / 5000K	9,300 lm	155 lm/W	120-277V	80	0.9	10%	**170W HID** / 115W Old LED (80 lm/W)
75W	3500K / 4000K / 5000K	11,625 lm	155 lm/W	120-277V	80	0.9	10%	**210W HID** / 145W Old LED (80 lm/W)
90W	3500K / 4000K / 5000K	13,950 lm	155 lm/W	120-277V	80	0.9	10%	**255W HID** / 175W Old LED (80 lm/W)

LOC-4FTHVTHB-MW160W3CCT

Selectable wattage · 155 lm/W

WATTAGE	CCT	LUMENS	EFFICACY	VOLTAGE	CRI	POWER FACTOR	THD	TYPICAL REPLACEMENT
120W	3500K / 4000K / 5000K	18,600 lm	155 lm/W	120-277V	80	0.9	10%	**340W HID** / 235W Old LED (80 lm/W)
140W	3500K / 4000K / 5000K	21,700 lm	155 lm/W	120-277V	80	0.9	10%	**395W HID** / 270W Old LED (80 lm/W)
160W	3500K / 4000K / 5000K	24,800 lm	155 lm/W	120-277V	80	0.9	10%	**450W HID** / 310W Old LED (80 lm/W)

LOC-4FTHVTHB-MW265W3CCT

Selectable wattage · 155 lm/W

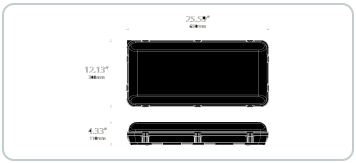
WATTAGE	CCT	LUMENS	EFFICACY	VOLTAGE	CRI	POWER FACTOR	THD	TYPICAL REPLACEMENT
145W	3500K / 4000K / 5000K	22,475 lm	155 lm/W	120-277V	80	0.9	10%	**410W HID** / 280W Old LED (80 lm/W)
225W	3500K / 4000K / 5000K	34,875 lm	155 lm/W	120-277V	80	0.9	10%	**635W HID** / 435W Old LED (80 lm/W)
265W	3500K / 4000K / 5000K	41,075 lm	155 lm/W	120-277V	80	0.9	10%	**745W HID** / 515W Old LED (80 lm/W)

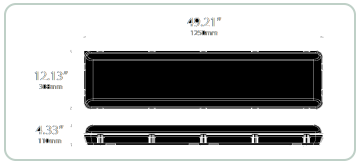
Linking together

Maximum fixtures per circuit

MODEL	18AWG – 7.5A			16AWG – 13A		
LOC-2FTHVTHB-MW90W3CCT	120V: 10	240V: 20	277V: 23	120V: 17	240V: 35	277V: 40
LOC-4FTHVTHB-MW160W3CCT	120V: 6	240V: 11	277V: 13	120V: 10	240V: 20	277V: 23
LOC-4FTHVTHB-MW265W3CCT	120V: 3	240V: 7	277V: 8	120V: 6	240V: 12	277V: 14

Housing dimensions





25.59 in	49.21 in	12.13 in	4.33 in
650 mm · 2-ft length	1250 mm · 4-ft length	308 mm width	110 mm height

Field-selectable switches

Mounting & accessories

- Surface mount or V-hooks
- Linkable end-to-end design
- Optional microwave sensor (HC403V-KD)
- Optional emergency driver (2FT 90W and 4FT 160W only)

Ordering information

MODEL	QTY.	NET WEIGHT	MASTER CARTON SIZE	GROSS WEIGHT	UPC CODE
LOC-2FTHVTHB-MW90W3CCT	1 pc	7.39 lbs	26.61″ × 12.6″ × 4.45″	8.42 lbs	00810050949248
LOC-4FTHVTHB-MW160W3CCT	1 pc	15.28 lbs	50.24″ × 12.6″ × 4.45″	17.13 lbs	00810050949255
LOC-4FTHVTHB-MW265W3CCT	1 pc	17.35 lbs	50.24″ × 12.6″ × 4.45″	19.2 lbs	00810050949262

Warranty: 5-year limited warranty. Actual performance may differ as a result of end-user environment and application. Specifications are subject to change without notice.