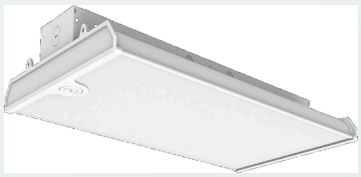
LEDone®

LOC-#FTHLHB Family Series

LED Linear High Bay Light with Built-in Sensor Base

A BRIGHTER TOMORROW



CONSTRUCTION

- Sheet metal housing, white powder coated finish
- Frosted PC lens

OPTICAL SYSTEM

- Seoul LED chips · 95° beam angle standard
- 150 lm/W high efficacy · up to 46,500 lm
- 50,000 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 50°C (-40°F to 122°F)

INSTALLATION & MOUNTING

- V-hook & chain or pendant mount options.

CONTROLS & DIMMING

- 0-10V dimming
- Built-in sensor base for smart sensor install
- CCT selectable: 3,500K / 4,000K / 5,000K

FEATURES

- **Wattage selectable:** 2 ft: 130W / 155W / 170W or 155W / 170W / 210W; 4 ft: 230W / 270W / 310W
- **CCT selectable:** 3,500K / 4,000K / 5,000K · default 5,000K
- **Built-in sensor base** — Bluetooth sensor options, app-compatible
- Easy installation and maintenance
- 0-10V dimming standard
- 50,000-hour rated lifetime
- 5-year limited warranty

SUITABLE APPLICATIONS

Warehouses	Factories
Distribution centers	Supermarkets
Airports	Logistic centers
Exhibition halls	Indoor open spaces

SELECTABLE OUTPUT

2-foot models: 130W / 155W / 170W or 155W / 170W / 210W. 4-foot model: 230W / 270W / 310W. CCT 3,500K / 4,000K / 5,000K — field selectable, default 5,000K.

DLC PRODUCT ID

LOC-2FTHLHB-MW170W3CCT – S-X4XTKP
LOC-2FTHLHB-MW210W3CCT – S-JJGYBD
LOC-4FTHLHB-MW310W3CCT – S-VHM1KZ

DLC Energy · Quality · Controllability℠

OneLink by LED One

NLC Qualified System — Bluetooth-capable. Verify on DLC QPL

Bluetooth sensor options: add an optional PIR or microwave Bluetooth sensor (app-compatible) to join the OneLink by LED One networked lighting controls system.

LEDone app

Sync and control your light network through the app: Available on both · Apple App Store (iOS) · Google Play Store (Android)

Download on the App Store · GET IT ON Google Play

OPTIONAL ACCESSORIES

LOC-ACY-S-MWS-01-G1
Microwave sensor · works with LOC-RC-WHITE-G1

LOC-ACY-S-MWS-BT-01-G1
Microwave Bluetooth sensor · app-compatible

LOC-RC-WHITE-G1
Remote control

LOC-ACY-S-PIRS-01-G1
PIR sensor · works with LOC-RC-WHITE-G1

LOC-ACY-S-PIRS-BT-01-G1
PIR Bluetooth sensor · app-compatible

On/Off Photocell / Daylight Harvesting
Sensor · LOC-ACY-S-MWS-01-G1

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

Performance & Ordering Data

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

LEDone®

LOC-2FTHLHB-MW170W3CCT

Selectable wattage · 150 lm/W

WATTAGE	CCT	LUMENS	EFFICACY	VOLTAGE	CRI	POWER FACTOR	THD	TYPICAL REPLACEMENT
130W	3500K / 4000K / 5000K	19,500 lm	150 lm/W	120-277V	80	0.97	10%	**355W HID** / 245W Old LED (80 lm/W)
155W	3500K / 4000K / 5000K	23,250 lm	150 lm/W	120-277V	80	0.97	10%	**425W HID** / 290W Old LED (80 lm/W)
170W	3500K / 4000K / 5000K	25,500 lm	150 lm/W	120-277V	80	0.97	10%	**465W HID** / 320W Old LED (80 lm/W)

LOC-2FTHLHB-MW210W3CCT

Selectable wattage · 150 lm/W

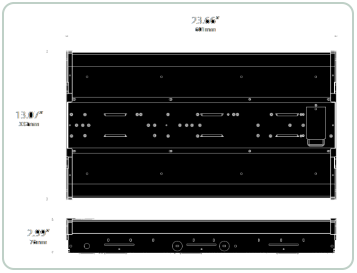
WATTAGE	CCT	LUMENS	EFFICACY	VOLTAGE	CRI	POWER FACTOR	THD	TYPICAL REPLACEMENT
155W	3500K / 4000K / 5000K	23,250 lm	150 lm/W	120-277V	80	0.97	10%	**425W HID** / 290W Old LED (80 lm/W)
170W	3500K / 4000K / 5000K	25,500 lm	150 lm/W	120-277V	80	0.97	10%	**465W HID** / 320W Old LED (80 lm/W)
210W	3500K / 4000K / 5000K	31,500 lm	150 lm/W	120-277V	80	0.97	10%	**575W HID** / 395W Old LED (80 lm/W)

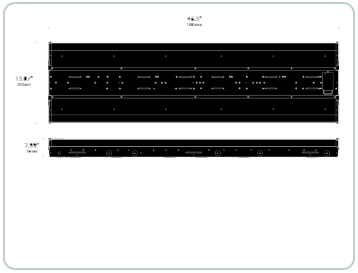
LOC-4FTHLHB-MW310W3CCT

Selectable wattage · 150 lm/W

WATTAGE	CCT	LUMENS	EFFICACY	VOLTAGE	CRI	POWER FACTOR	THD	TYPICAL REPLACEMENT
230W	3500K / 4000K / 5000K	34,500 lm	150 lm/W	120-277V	80	0.97	10%	**625W HID** / 430W Old LED (80 lm/W)
270W	3500K / 4000K / 5000K	40,500 lm	150 lm/W	120-277V	80	0.97	10%	**735W HID** / 505W Old LED (80 lm/W)
310W	3500K / 4000K / 5000K	46,500 lm	150 lm/W	120-277V	80	0.97	10%	**845W HID** / 580W Old LED (80 lm/W)

Housing dimensions





23.66 in	46.5 in	13.07 × 2.99 in
601 mm · 2-ft length	1181 mm · 4-ft length	332 × 76 mm · W × H

Mounting & accessories

- V-hook & chain or pendant mount
- Built-in sensor base for smart sensor install
- Optional Bluetooth sensors (PIR or microwave), app-compatible
- Optional non-Bluetooth sensors, remote control LOC-RC-WHITE-G1
- 0-10V dimming standard · CCT selectable

Electrical

- 120-277V input · -40°C to 50°C operating temperature
- Power factor 0.97 · THD 10% · CRI 80

Ordering information

MODEL	QTY.	NET WEIGHT	MASTER CARTON SIZE	GROSS WEIGHT	UPC CODE
LOC-2FTHLHB-MW170W3CCT	1 pc	7.72 lbs	24.45″ × 14.33″ × 3.62″	10.14 lbs	00810050949279
LOC-2FTHLHB-MW210W3CCT	1 pc	8.27 lbs	24.45″ × 14.33″ × 3.62″	10.58 lbs	00810050949286
LOC-4FTHLHB-MW310W3CCT	1 pc	12.26 lbs	47.48″ × 14.33″ × 3.62″	14.55 lbs	00810050949293

DLC Product IDs: LOC-2FTHLHB-MW170W3CCT – S-X4XTKP · LOC-2FTHLHB-MW210W3CCT – S-JJGYBD · LOC-4FTHLHB-MW310W3CCT – S-VHM1KZ

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.