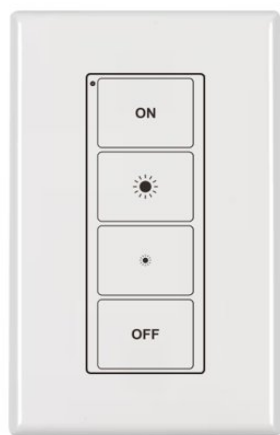


2026 CATALOG

LED High Bays

11 products



2CCT Selectable / Multi-wattage
(4000K/5000K) / (200W/230W/270W)



2CCT Selectable / Multi-wattage
(4000K/5000K) / (320W/360W/400W)



Updated October 4, 2026

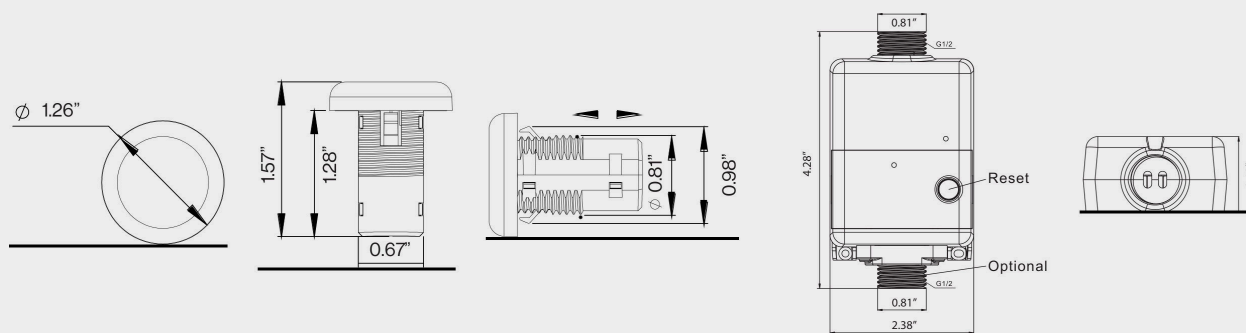
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DIMENSIONS: CONTROLLER Ø 1.26 IN × 1.57 IN · PACK 4.28 × 2.38 × 1.48 IN



CONNECT FIXTURES AND CIRCUITS TO THE BLUETOOTH MESH NETWORK

Two modules to control lighting from the Bluetooth mesh network. The 0-10 V controller plugs into the fixture, on its driver's 12 V output. The pack mounts on a junction box: 20 A relay at 120-347 V and 0-10 V output.

FEATURES

- Bluetooth mesh to 0-10 V converters
- Bi-level dimming, high-end trim, zoning
- Controller powered by the driver (12 V DC)
- Pack: 20 A relay, 120-347 V AC
- Relay the signal to neighbouring devices
- Button reset (5 s)

0-10 V WIRELESS CONTROLLER

Input	12 V DC, > 50 mA
Dimming output	0-10 V, 20 mA max.
Connection	3 wires: yellow VCC, purple DIM+, pink GND
Protection rating	IP20
Temperature	-20 °C to +60 °C

20 A RELAY POWER PACK

Input	120-347 V AC
Dimming output	0-10 V, 20 mA max.
Relay (general use)	20 A at 120-347 V AC
Resistive load	20 A at 120, 277 and 347 V AC
Capacitive load	8 A at 120-347 V AC
Motor	0.5 HP at 120 V · 1 HP at 240 V AC
Temperature	-20 °C to +50 °C
Humidity	8 to 80% RH
Protection rating	IP20
Mounting	Junction box, 1/2 in nipple

ORDERING

Build the product code

1 Model

LCBT-NODE-0-10V-T 0-10 V fixture controller, 12 V DC

LCBT-POWERPACK-20A-0-10V-UV-T 20 A relay pack, 120-347 V

EXAMPLE

LCBT-POWERPACK-20A-0-10V-UV-T

20 A relay pack, 120-347 V

PRODUCT RANGE — THE 2 MODULES

Code	Input	Output	Mounting
LCBT-NODE-0-10V-T	12 V DC	0-10 V, 20 mA max.	Inside the fixture
LCBT-POWERPACK-20A-0-10V-UV-T	120-347 V AC	20 A relay + 0-10 V	Junction box

COMMON TO BOTH MODULES

Network	Bluetooth mesh
Wireless range	30 m (100 ft), depending on the installation
Finish	White

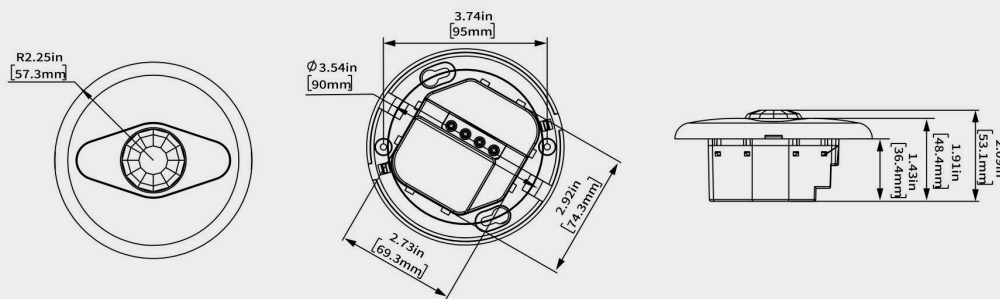
Controller: powered from the 12 V auxiliary output of a dim-to-off LED driver; all devices on the same 0-10 V line are controlled together.

Power pack: the relay switches the circuit's load, the 0-10 V output dims the connected drivers.

Bluetooth mesh network: each device relays commands to its neighbours; actual range depends on the installation.



DIMENSIONS: R 57.3 MM (2.25 IN) · OVERALL HEIGHT 53.1 MM (2.09 IN)



CEILING OCCUPANCY SENSING OVER A BLUETOOTH MESH NETWORK

Low-profile passive infrared (PIR) occupancy sensors, ceiling-mounted on an electrical box, with 360° coverage. They are configured wirelessly from a mobile app over a Bluetooth mesh network. Three models: 120-347 V with on/off switching, 120-347 V with 0-10 V dimming, and low-voltage DC.

FEATURES

- 360° PIR detection, radius up to 20 ft (6.1 m)
- Built-in light level sensor
- Bluetooth mesh, set from a mobile app
- Motion LED indicator, on-board antenna
- Mounts on a 4 in square or octagonal box
- 120-347 V AC or low-voltage DC

DETECTION

Type	Passive infrared (PIR)
Coverage	360°
Detection radius	20 ft (6.1 m) max.
Mounting height	12 ft (3.7 m) max.
Light level sensor	10 to 300 footcandles (107.6 to 3,229.2 lux)

INPUT POWER

120-347 V models	120, 230 (single phase), 277 or 347 V AC, 50/60 Hz
Low-voltage model	12 V DC

NETWORK AND INSTALLATION

Network	Bluetooth mesh
Range	40 m (130 ft)
Mounting	4 in square box (double gang ring) or 4 in octagonal
Humidity	95% RH max.
Color	White

ORDERING

Build the product code

1 Model

LCBT-SENSOR-PIR-CEIL-UV-T 120-347 V, on/off

LCBT-SENSOR-PIR-CEIL-0-10V-UV-T 120-347 V, 0-10 V dimming

LCBT-SENSOR-PIR-CEIL-LV-T low-voltage DC

EXAMPLE **LCBT-SENSOR-PIR-CEIL-0-10V-UV-T**

120-347 V, 0-10 V dimming

PRODUCT RANGE — THE 3 MODELS

Code	Input	Output	Temperature
LCBT-SENSOR-PIR-CEIL-UV-T	120-347 V AC	On/off load switching	0 °C to 55 °C
LCBT-SENSOR-PIR-CEIL-0-10V-UV-T	120-347 V AC	0-10 V dimming, 25 mA max.	0 °C to 55 °C
LCBT-SENSOR-PIR-CEIL-LV-T	12 V DC	0-10 V, 25 mA max.	0 to +40 °C

On/off model: wired to hot, load and neutral (ground optional) and switches the load directly.

0-10 V models: the dimming output connects to the luminaire's 0-10 V dimmable driver.

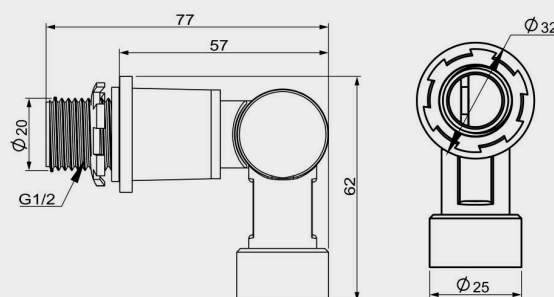
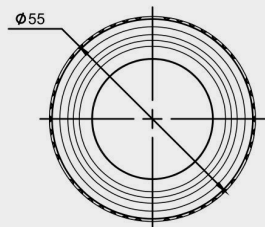
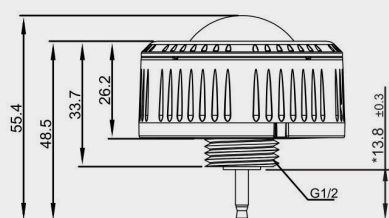
Bluetooth mesh network: each device relays commands to its neighbours, extending the range; actual range depends on the installation.

Reset with the sensor button (5 s) or with a remote (RESET then ON/OFF); remote range: 50 ft (15 m) indoors.

Compatibility: the on/off model switches the lighting load directly; the 0-10 V models control any luminaire with a 0-10 V dimmable driver (the low-voltage model also needs a 12 V DC supply, for example the driver's auxiliary output).



DIMENSIONS (MM): SENSOR Ø 55 × 55.4 · L BASE 77 × 62



SWITCH AND DIM HIGH BAYS BY OCCUPANCY AND DAYLIGHT

Passive infrared (PIR) occupancy sensor for LED high bays, with a 3.5 mm jack connection. It adjusts lighting by occupancy and daylight, and is configured wirelessly from a mobile app over a Bluetooth mesh network. Available in white or black, with an optional swivel L base to aim the sensor.

BLUETOOTH PIR SENSOR

Detection	Passive infrared (PIR)
Input	12 V DC, > 50 mA
Dimming output	0-10 V, 20 mA max.
Mounting height	40 ft (12 m) max.
Coverage	360°
Bluetooth range	164 ft (50 m)
Connection	3.5 mm jack, G1/2 thread
Temperature	-20 °C to +40 °C

FEATURES

- Passive infrared (PIR) occupancy detection, 360°
- Daylight harvesting
- Bluetooth mesh, set from a mobile app
- Continuous bi-level dimming, high-end trim, zoning
- Mounting height up to 40 ft (12 m)
- White or black · optional swivel L base

SWIVEL L BASE

Use	Single-pin base for the sensor
Shape	L-shaped, adjustable angle
Mounting	1/2 in knockout, G1/2 thread
Voltage	12 V
Temperature	-20 °C to +40 °C

LOCATION RATING · IP65

✓ Dry

✓ Damp
(covered)

✓ Wet

ORDERING

Build the product code

1 Bluetooth PIR sensor

LCHB-SENSOR-PIR-BT white

LCHB-SENSOR-PIR-BT-BK black

2 Swivel L base (option)

LCBT-SENSOR-BASE-WH-T white

LCBT-SENSOR-BASE-BK-T black

EXAMPLE

LCHB-SENSOR-PIR-BT-BK

black Bluetooth PIR sensor

PRODUCT RANGE — SENSORS

Description	Code
Bluetooth PIR sensor for high bays, 3.5 mm jack, white	LCHB-SENSOR-PIR-BT
Bluetooth PIR sensor for high bays, 3.5 mm jack, black	LCHB-SENSOR-PIR-BT-BK

ACCESSORIES

Code	Description	Sold
 LCBT-SENSOR-BASE-WH-T	Swivel L base, white	each
 LCBT-SENSOR-BASE-BK-T	Swivel L base, black	each

Continuous bi-level dimming, high-end trim, zoning, motion LED indicator, on-board antenna.

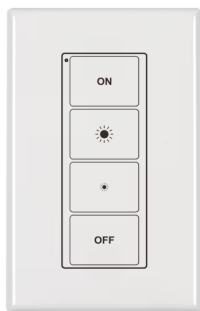
Bluetooth mesh network: each device relays commands to its neighbours, extending the range; all devices on the same 0-10 V line are controlled together.

Typical Bluetooth range of 164 ft (50 m) outdoors; actual range depends on the installation.

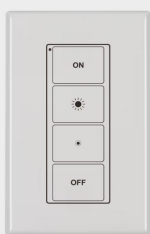
Magnetic reset (touch the side of the sensor for 5 s) or remote reset (RESET then ON/OFF).

L base: single-pin base for a 1/2 in knockout; the sensor plugs into it and its angle is adjustable.

Compatibility: the sensor plugs into the 12 V DC 3.5 mm jack receptacle of all 6 LEDCO high bays — UFO 90-150 W, 180-240 W and 240-300 W; linear 85-155 W, 200-270 W and 320-400 W.



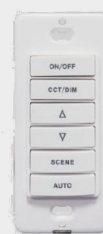
THE 3 SWITCHES



LCBT-SWITCH-BATT-T



LCBT-SWITCH-2B-120V-T



LCBT-SWITCH-6B-120V-T

CONTROL BLUETOOTH MESH LIGHTING FROM THE WALL

Wireless wall switches for Bluetooth mesh lighting: on, off, dimming and preset scenes, with no control wiring to run. The 4-button model is battery-powered and mounts with the included adhesive or with screws; the 2- and 6-button models are line-powered and install over an existing electrical box.

FEATURES

- On, off and dimming
- Up to 6 programmable scenes (4 and 6 buttons)
- Up to 100 fixtures per switch
- AES-128 encrypted messages
- Rated for 50,000 actuations
- Battery-powered 4-button: mount it anywhere

4-BUTTON, BATTERY

Battery	CR2450, not included
Battery life	more than 2 years
Scenes	Up to 6, programmable
Wireless range	150 ft (46 m), open range
Temperature	0 °C to +40 °C
Mounting	Adhesive (included) or screws (not included)

2- AND 6-BUTTON · LINE POWER

Input	120 V AC, 60 Hz
Wireless range	60 ft (18 m), open range
Scenes (6-button)	Up to 6, programmable
Temperature	0 °C to +40 °C
Mounting	Over an existing electrical box

COMMON TO ALL 3 MODELS

Radio	2.4 GHz (2400-2483.5 MHz)
Encryption	AES-128
Fixtures per switch	100 max.
Rated life	50,000 actuations
Enclosure	Recyclable PC, white

ORDERING

Build the product code

1 Model

LCBT-SWITCH-BATT-T 4 buttons, battery

LCBT-SWITCH-2B-120V-T 2 buttons + dimming slider

LCBT-SWITCH-6B-120V-T 6 buttons

EXAMPLE **LCBT-SWITCH-6B-120V-T**
 6-button switch

BUTTON FUNCTIONS

Model · control	Function
4-button · ON	Turns lights on
4-button · dim up	Press: dims up gradually; hold: color up gradually
4-button · dim down	Press: dims down gradually; hold: color down gradually
4-button · OFF	Turns lights off
2-button · top / bottom	Turns lights off / on
2-button · slider	Sets brightness
6-button · ON/OFF	Turns lights on / off
6-button · CCT/DIM	Switches between color temperature and dimming
6-button · ▲ / ▼	Press: ± 5 to 10% (dim or color); hold: gradual change
6-button · SCENE	Controls individual devices, complete scenes or a combination
6-button · AUTO	Intelligent mode: returns to sensor operation

4-button: the switch is made of a base plate and a remote that attaches magnetically and can also be used anywhere in the room; the adhesive takes about 24 h to set.

4-button: pull the plastic battery tab at installation; red LED = replace the battery; reset: hold the "Setup" button on the back for 10 s.

Pairing: the switch is added to the network from the mobile app (4-button: hold ON and OFF for 3 s).

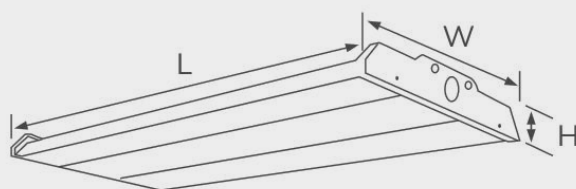
2-button: reset buttons on the side of the device.

Messages are sent in short bursts without interfering with Wi-Fi or other networks; decisions are made locally, in the switch and sensors.

2CCT Selectable / Multi-wattage
(4000K/5000K) / (200W/230W/270W)



DIMENSIONS: L 31.1 IN × W 10.2 IN × H 1.8 IN



L	W	H
31.1"	10.2"	1.8"

SLIM LINEAR HIGH BAY, FIELD ADJUSTABLE

Slim linear LED high bay for factories, warehouses and large commercial spaces. Wattage (200 / 230 / 270 W) and color (4000K or 5000K) set in the field; 120-347 V driver, 0-10 V dimming. CRCA steel body, polycarbonate diffuser. 10 ft white cord and aircraft cable included.

FEATURES

- Selectable wattage: 200 / 230 / 270 W
- 4000K or 5000K selectable
- 150 lm/W efficacy
- 120-347 V auto-sensing driver
- 0-10 V dimmable · 12 V sensor socket
- Damp location · L70 100,000 h

ELECTRICAL

Voltage	120-347 V AC
Power	200 / 230 / 270 W
Dimming	0-10 V
Sensor	12 V socket (option)

OPTICAL

Flux	30,000 / 34,500 / 40,500 lm
Efficacy	150 lm/W
Color temperature	4000K / 5000K
CRI	≥ 80

PHYSICAL

Dimensions	L 31.1 in × W 10.2 in × H 1.8 in
Finish	White
Location	Damp
Lifespan	L70 100,000 h



ORDERING

Build the product code

1

Code

LCHBL-200W-230W-270W-UV-CCT

EXAMPLE

LCHBL-200W-230W-270W-UV-CCT

example

PRODUCT RANGE — ALL ACTIVE CODES

Code	Description
LCHBL-200W-230W-270W-UV-CCT	Voltage : 120-347V · Color temperature : 2CCT selectable

ACCESSORIES

Code	Description	Sold
LCHB-SENSOR-T	12 V DC microwave motion sensor	each
LCHB-REMOTE-T	Sensor programming remote	each
LCHB-SENSOR-PIR-BT	Bluetooth PIR sensor	each

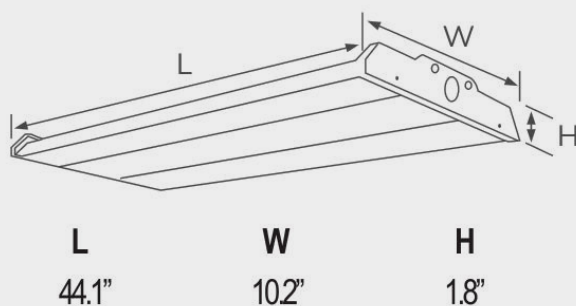
Power factor: 0.9. Operating temperature: -40 °C to +50 °C. Certifications: cULus, FCC, DLC 5.1 Premium.
Included: 10 ft white cord and 10 ft aircraft cable suspension set.
Microwave sensor: passes through walls or glass thinner than 20 cm, not through metal; do not install near fans or vibrating machinery.



2CCT Selectable / Multi-wattage
(4000K/5000K) / (320W/360W/400W)



DIMENSIONS: L 44.1 IN × W 10.2 IN × H 1.8 IN



SLIM LINEAR HIGH BAY, FIELD ADJUSTABLE

Slim linear LED high bay for factories, warehouses and large commercial spaces. Wattage (320 / 360 / 400 W) and color (4000K or 5000K) set in the field; 120-347 V driver, 0-10 V dimming. CRCA steel body, polycarbonate diffuser. 10 ft white cord and aircraft cable included.

FEATURES

- Selectable wattage: 320 / 360 / 400 W
- 4000K or 5000K selectable
- 150 lm/W efficacy
- 120-347 V auto-sensing driver
- 0-10 V dimmable · 12 V sensor socket
- Damp location · L70 100,000 h

ELECTRICAL

Voltage	120-347 V AC
Power	320 / 360 / 400 W
Dimming	0-10 V
Sensor	12 V socket (option)

OPTICAL

Flux	48,000 / 54,000 / 60,000 lm
Efficacy	150 lm/W
Color temperature	4000K / 5000K
CRI	≥ 80

PHYSICAL

Dimensions	L 44.1 in × W 10.2 in × H 1.8 in
Finish	White
Location	Damp
Lifespan	L70 100,000 h



ORDERING

Build the product code

1

Code

LCHBL-320W-360W-400W-UV-CCT

EXAMPLE

LCHBL-320W-360W-400W-UV-CCT

example

PRODUCT RANGE — ALL ACTIVE CODES

Code	Description
LCHBL-320W-360W-400W-UV-CCT	Voltage : 120-347V · Color temperature : 2CCT selectable

ACCESSORIES

Code	Description	Sold
LCHB-SENSOR-T	12 V DC microwave motion sensor	each
LCHB-REMOTE-T	Sensor programming remote	each
LCHB-SENSOR-PIR-BT	Bluetooth PIR sensor	each

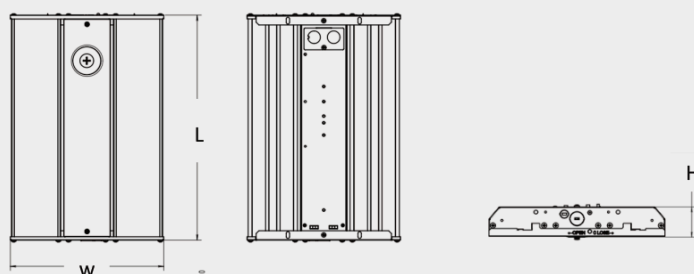
Power factor: 0.9. Operating temperature: -40 °C to +50 °C. Certifications: cULus, FCC, DLC 5.1 Premium.
Included: 10 ft white cord and 10 ft aircraft cable suspension set.
Microwave sensor: passes through walls or glass thinner than 20 cm, not through metal; do not install near fans or vibrating machinery.



2CCT Selectable
(4000K/5000K)



DIMENSIONS: L 12.3 IN × W 10.8 IN × H 1.85 IN



SLIM LINEAR HIGH BAY, FIELD ADJUSTABLE

Slim linear LED high bay for factories, warehouses and large commercial spaces. Wattage (85 / 100 / 130 / 155 W) and color (4000K or 5000K) set in the field; 120-347 V driver, 0-10 V dimming. Extruded aluminum body, frosted polycarbonate diffuser, 90° beam. 10 ft white cord and aircraft cable included.

FEATURES

- Selectable wattage: 85 / 100 / 130 / 155 W
- 4000K or 5000K selectable
- 150 lm/W efficacy
- 120-347 V auto-sensing driver
- 0-10 V dimmable · 12 V sensor socket
- Damp location · L70 100,000 h

ELECTRICAL

Voltage	120-347 V AC
Power	85 / 100 / 130 / 155 W
Dimming	0-10 V
Sensor	12 V socket (option)

OPTICAL

Flux	12,750 / 15,000 / 19,500 / 23,250 lm
Efficacy	150 lm/W
Color temperature	4000K / 5000K
CRI	≥ 80

PHYSICAL

Dimensions	L 12.3 in × W 10.8 in × H 1.85 in
Finish	White
Location	Damp
Lifespan	L70 100,000 h



ORDERING

Build the product code

1

Code

LCHBL-85W-100W-130W-155W-UV-CCT

EXAMPLE

LCHBL-85W-100W-130W-155W-UV-CCT

example

PRODUCT RANGE — ALL ACTIVE CODES

Code	Description
LCHBL-85W-100W-130W-155W-UV-CCT	HIGHBAY LED LINÉAIRE - 85W-100W-130W-155W - 120-347V - CCT

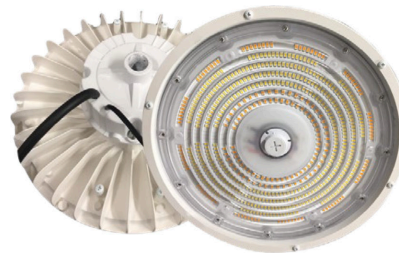
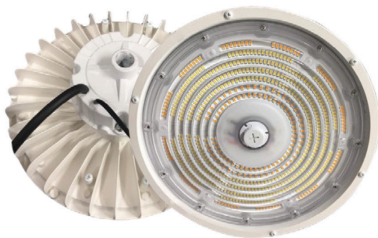
ACCESSORIES

Code	Description	Sold
LCHB-SENSOR-T	12 V DC microwave motion sensor	each
LCHB-REMOTE-T	Sensor programming remote	each
LCHB-SENSOR-PIR-BT	Bluetooth PIR sensor	each

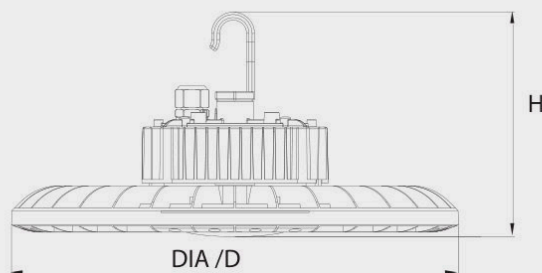
Operating temperature: -40 °C to +50 °C. Certifications: ETL, FCC, DLC Premium.
Included: 10 ft white cord and 10 ft aircraft cable suspension set.
Microwave sensor: passes through walls or glass thinner than 20 cm, not through metal; do not install near fans or vibrating machinery.



2CCT Selectable / Multi-wattage
(4000K/5000K) / (180W/200W/240W)



DIMENSIONS: Ø 13.78 IN × H 6.33 IN (WITH HOOK)



120-347 V ROUND HIGH BAY, FIELD ADJUSTABLE

Round LED high bay for factories, warehouses, retail and high ceilings. Wattage (180 / 200 / 240 W) and color (4000K or 5000K) set in the field; 120-347 V driver, 0-10 V dimming. Die-cast aluminum housing, impact and UV resistant polycarbonate lens. White or black finish, 10 ft cord included.

FEATURES

- Selectable wattage: 180 / 200 / 240 W
- 4000K or 5000K selectable
- Efficacy ≥ 150 lm/W
- 120-347 V auto-sensing driver
- 0-10 V dimmable · optional sensor
- IP65 · NEMA 4X · NSF

ELECTRICAL

Voltage	120-347 V AC
Power	180 / 200 / 240 W
Dimming	0-10 V
Sensor	Bi-level microwave (option)

OPTICAL

Flux	23,700 / 30,800 / 37,000 lm
Efficacy	≥ 150 lm/W
Color temperature	4000K / 5000K
CRI	≥ 80

PHYSICAL

Dimensions	Ø 13.78 in × H 6.33 in
Housing	Die-cast aluminum
Finish	White or black
Lifespan	50,000 h

LOCATION RATING · IP65

✓ Dry

✓ Damp
(covered)

✓ Wet



ORDERING

Build the product code

1

Code

LCHBU-180-200-240W-MKWV-BK-T

LCHBU-180-200-240W-MKWV-WH-T

EXAMPLE

LCHBU-180-200-240W-MKWV-BK-T

example

PRODUCT RANGE — ALL ACTIVE CODES

Code	Description
LCHBU-180-200-240W-MKWV-BK-T	Finish : Black · Voltage : 120-347V · Color temperature : 2CCT selectable
LCHBU-180-200-240W-MKWV-WH-T	Finish : White · Voltage : 120-347V · Color temperature : 2CCT selectable

ACCESSORIES

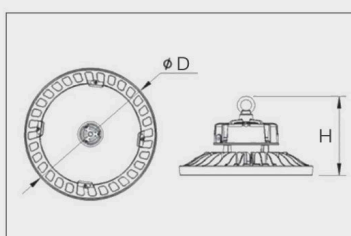
Code	Description	Sold
LCHB-SENSOR-T	12 V DC microwave motion sensor	each
LCHB-REMOTE-T	Sensor programming remote	each
LCHB-SENSOR-PIR-BT	Bluetooth PIR sensor	each

Lens: impact (IK08) and UV resistant polycarbonate, even and glare-free distribution.
Operating temperature: -20 °C to +50 °C. Certifications: ETL, FCC, DLC 5.1 Premium, NEMA 4X, NSF.
Mounting: hook supplied; U bracket (pendant or adjustable) and linkable bracket. 10 ft white cord included.
Option: polycarbonate protective hood.
Microwave sensor: passes through walls or glass thinner than 20 cm, not through metal; do not install near fans or vibrating machinery.



2CCT Selectable / Multi-wattage
(4000K/5000K) / (240W/270W/300W)

DIMENSIONS: Ø 15.4 IN × H 7.28 IN

DIA/D
15.4"H
7.28"**ROUND HIGH BAY AT 170 LM/W, UP TO 51,000 LUMENS**

High-output round LED high bay for factories, warehouses and high ceilings. Wattage (240, 270 or 300 W) and color (4000K or 5000K) set in the field; 120-347 V driver, 0-10 V dimming. Polycarbonate lens, 90° beam, 3 m cable, sensor socket.

FEATURES

- Selectable wattage: 240 / 270 / 300 W
- 4000K or 5000K selectable
- 170 lm/W efficacy
- 120-347 V auto-sensing driver
- 0-10 V dimmable · sensor socket
- IP65 · wet location

ELECTRICAL

Voltage	120-347 V AC
Power	240 / 270 / 300 W
Dimming	0-10 V
Sensor	Socket supplied

OPTICAL

Flux	40,800 / 45,900 / 51,000 lm
Efficacy	170 lm/W
Color temperature	4000K / 5000K
CRI · beam	≥ 80 · 90°

PHYSICAL

Dimensions	Ø 15.4 in × H 7.28 in
Lens	Polycarbonate
Location	Wet · IP65
Lifespan	L70 50,000 h

LOCATION RATING · IP65

✓ Dry

✓ Damp
(covered)

✓ Wet



ORDERING

Build the product code

1 Code

LCHBU-240-270-300W-MKWV-T

EXAMPLE

LCHBU-240-270-300W-MKWV-T

example

PRODUCT RANGE — ALL ACTIVE CODES

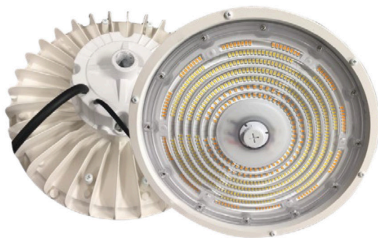
Code	Description
LCHBU-240-270-300W-MKWV-T	Voltage : 120-347V · Color temperature : 2CCT selectable

ACCESSORIES

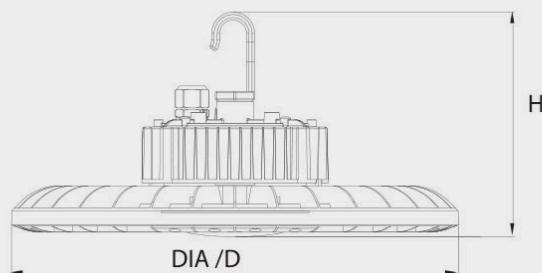
Code	Description	Sold
LCHB-SENSOR-T	12 V DC microwave motion sensor	each
LCHB-REMOTE-T	Sensor programming remote	each
LCHB-SENSOR-PIR-BT	Bluetooth PIR sensor	each

Certifications: cULus, FCC, DLC 5.1 Premium, NSF. White finish.
3 m power cable included.
Mounting per the installation guide: hook, ceiling or 1/2 in NPT fitting.
Ambient operating temperature: -40 °C to +55 °C.

2CCT Selectable / Multi-wattage
(4000K/5000K) / (90W/120W/150W)



DIMENSIONS: Ø 11.41 IN × H 5.87 IN (WITH HOOK)



120-347 V ROUND HIGH BAY, FIELD ADJUSTABLE

Round LED high bay for factories, warehouses, retail and high ceilings. Wattage (90 / 120 / 150 W) and color (4000K or 5000K) set in the field; 120-347 V driver, 0-10 V dimming. Die-cast aluminum housing, impact and UV resistant polycarbonate lens. White or black finish, 10 ft cord included.

FEATURES

- Selectable wattage: 90 / 120 / 150 W
- 4000K or 5000K selectable
- Efficacy ≥ 150 lm/W
- 120-347 V auto-sensing driver
- 0-10 V dimmable · optional sensor
- IP65 · NEMA 4X · NSF

ELECTRICAL

Voltage	120-347 V AC
Power	90 / 120 / 150 W
Dimming	0-10 V
Sensor	Bi-level microwave (option)

OPTICAL

Flux	13,800 / 18,400 / 23,000 lm
Efficacy	≥ 150 lm/W
Color temperature	4000K / 5000K
CRI	≥ 80

PHYSICAL

Dimensions	Ø 11.41 in × H 5.87 in
Housing	Die-cast aluminum
Finish	White or black
Lifespan	50,000 h

LOCATION RATING · IP65

✓ Dry

✓ Damp
(covered)

✓ Wet



ORDERING

Build the product code

1 Code

LCHBU-90-120-150W-MKWV-BK-T

LCHBU-90-120-150W-MKWV-WH-T

EXAMPLE

LCHBU-90-120-150W-MKWV-BK-T

example

PRODUCT RANGE — ALL ACTIVE CODES

Code	Description
LCHBU-90-120-150W-MKWV-BK-T	Voltage : 120-347V · Finish : Black · Color temperature : 2CCT selectable
LCHBU-90-120-150W-MKWV-WH-T	Voltage : 120-347V · Finish : White · Color temperature : 2CCT selectable

ACCESSORIES

Code	Description	Sold
LCHB-SENSOR-T	12 V DC microwave motion sensor	each
LCHB-REMOTE-T	Sensor programming remote	each
LCHB-SENSOR-PIR-BT	Bluetooth PIR sensor	each

Lens: impact (IK08) and UV resistant polycarbonate, even and glare-free distribution.

Operating temperature: -20 °C to +50 °C. Certifications: ETL, FCC, DLC 5.1 Premium, NEMA 4X, NSF.

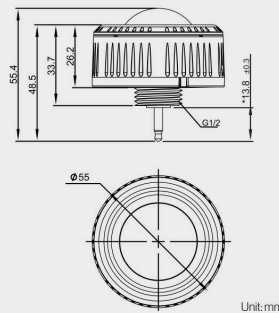
Mounting: hook supplied; U bracket (pendant or adjustable) and linkable bracket. 10 ft white cord included.

Option: polycarbonate protective hood.

Microwave sensor: passes through walls or glass thinner than 20 cm, not through metal; do not install near fans or vibrating machinery.



DIMENSIONS BLUETOOTH PIR: Ø 55 × 55.4 MM



SWITCH AND DIM HIGH BAYS BY OCCUPANCY AND DAYLIGHT

Plug-in sensors for LEDCO LED high bays. The Bluetooth PIR sensor adjusts lighting by occupancy and ambient light, and is configured wirelessly from a mobile device (Bluetooth mesh network). The microwave sensor, with a 3.5 mm jack, is set with its remote. For warehouses, factories and high-ceiling commercial spaces.

FEATURES

- PIR: infrared occupancy detection
- Daylight harvesting
- Bluetooth mesh, set from a mobile device
- 0-10 V dimming output
- Mounting height up to 40 ft (12 m)
- 3.5 mm jack microwave sensor with remote

LCHB-SENSOR-PIR-BT · BLUETOOTH PIR

Input	12 V DC, > 50 mA
Output	0-10 V, 20 mA max.
Mounting height	40 ft (12 m) max.
Coverage	360°

PIR · ENVIRONMENT

IP rating	IP65
Temperature	-20 °C to +40 °C
Bluetooth range	164 ft (50 m)
Connection	3.5 mm jack, G1/2 thread

LCHB-SENSOR-T · MICROWAVE

Type	Bi-level microwave, 5.8 GHz
Input	12-24 V DC, > 50 mA
Output	0-10 V, 25 mA max.
Mounting height	50 ft (15 m) max.
Connection	3.5 mm jack
Environment	IP65 · -20 °C to +60 °C
Setting	Remote LCHB-REMOTE-T

ORDERING

Build the product code

1 Code

LCHB-REMOTE-T
LCHB-SENSOR-PIR-BT
LCHB-SENSOR-T

EXAMPLE **LCHB-REMOTE-T**
example

LCHB-REMOTE-T · REMOTE

Type	Infrared programmer, 4 stored modes
Range	Up to 15 m (50 ft)
Batteries	2 × AAA 1.5 V
Dimensions	123 × 70 × 20.3 mm
Temperature	0 to 50 °C

PRODUCT RANGE — ALL ACTIVE CODES

Code	Description
LCHB-REMOTE-T	TÉLÉCOMMANDE POUR SENSOR DE HIGHBAY - RF
LCHB-SENSOR-PIR-BT	SENSOR PIR BLUETOOTH POUR HIGHBAY
LCHB-SENSOR-T	SENSOR DE HIGHBAY - RF

Bluetooth PIR: continuous bi-level dimming, high-end trim, zoning, motion LED; magnetic or remote reset.

Actual Bluetooth range depends on the installation.

Microwave: passes through walls or glass thinner than 20 cm, not through metal (dead zone behind a metal object); do not install near fans or vibrating machinery; more prone to false detection than a PIR, but works in hot environments.

Compatibility: both sensors plug into the 12 V DC 3.5 mm jack of the 6 LEDCO high bays (UFO 90-150, 180-240 and 240-300 W; linear 85-155, 200-270 and 320-400 W).

LCHB-REMOTE-T remote: programs the LCHB-SENSOR-T microwave sensor (the Bluetooth PIR sensor is set from the mobile app); carrying case included.