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LED Canopy Lights, Premium

UL and DLC



Construction

Rugged die cast aluminum, corrosion-resistant housing with powder coating
Anti-UV PC lens is designed for parking garage and fuel pump canopy applications
3/4" conduit entry on top, three 1/2" on side
Luminaire operating temperature range from -40°F to 104°F
Bronze or silver finish

Optics

120-133lm/W
4000K/5000K
Minimum CRI of 80

Electrical

100-277V AC, 0-10V Dimming
L70 Calculated Life >50,000 hours

Listings

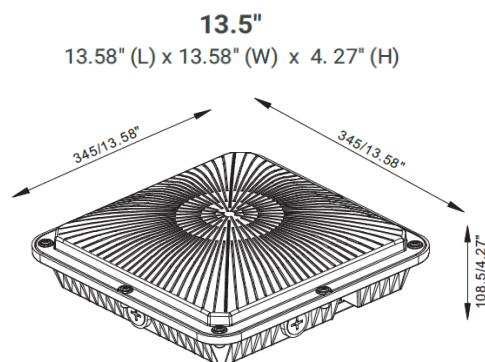
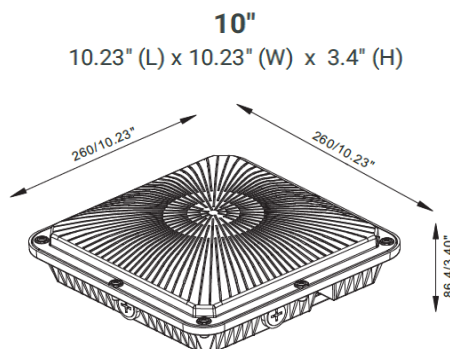
UL, DLC Premium, IP 66 Wet location

Options

Photocell
Occupancy sensor
Emergency backup

Product Information

Dimension	Power	Lumen	Efficacy	CCT	CRI	Voltage	Controls	Finish
10"	25W	3000lm	120lm/W	4000K/5000K	80+	100-277V	0-10V Dim	Bronze/Silver
10"	36W	4800lm	133lm/W	4000K/5000K	80+	100-277V	0-10V Dim	Bronze/Silver
10"	56W	7230lm	129lm/W	4000K/5000K	80+	100-277V	0-10V Dim	Bronze/Silver
13.5"	92W	11500lm	125lm/W	4000K/5000K	80+	100-277V	0-10V Dim	Bronze/Silver
13.5"	120W	15000lm	125lm/W	4000K/5000K	80+	100-277V	0-10V Dim	Bronze/Silver



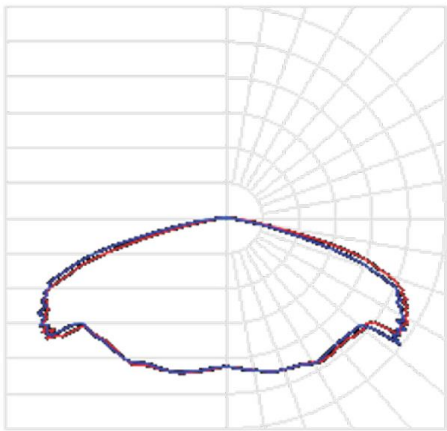
Item Codes

LHQ36-P(40/50)-(DB/SV)-D1
LHQ56-P(40/50)-(DB/SV)-D1
LHQ92-P(40/50)-(DB/SV)-D1
LHQ-P-JB
LHQ-P-PP
L-OS-PS-401V

36W, 4800 Lumen, 4000/5000K, 100-277 VAC, Dimm, Dark Bronze/Silver
56W, 7230 Lumen, 4000/5000K, 100-277 VAC, Dimm, Dark Bronze/Silver
92W, 11500 Lumen, 4000/5000K, 100-277 VAC, Dimm, Dark Bronze/Silver
Junction Box
Conduit Pipe
Occupancy plus photo sensor

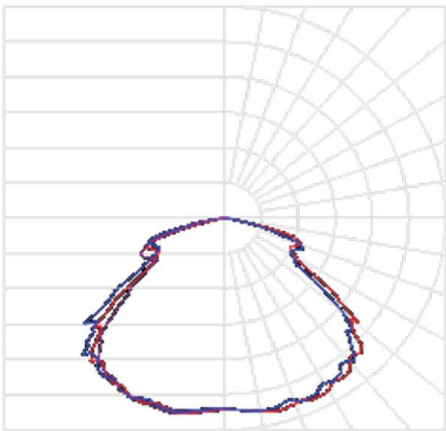
Light Distribution

Parking garage



■ -0°H
■ -90°H

Fuel pump canopy

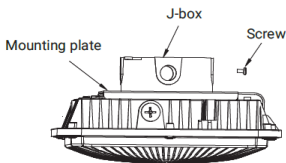


■ -0°H
■ -90°H

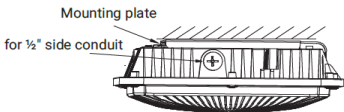
Mount

- a. installed to J-box
- b. installed to surface ceiling using 1/2" side conduit
- b. 3/4" conduit stem mount

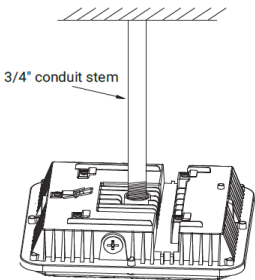
J-box Mount



Surface Mount

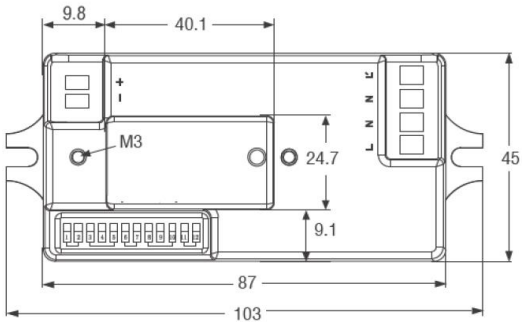
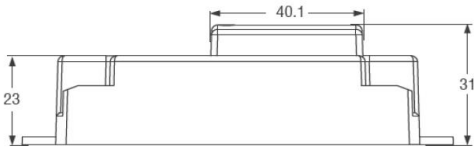
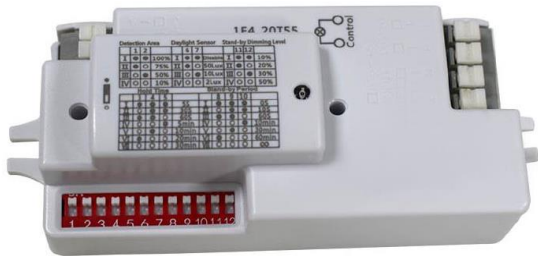


Pendent Mount

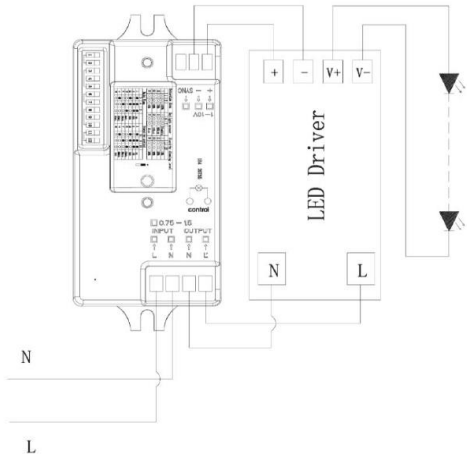


ITEM: L-OS-PS-401V

Cube Dimm (0-10 VDC) - step down, 400W, 15 meter, IP20
120-277 VAC



Wiring Diagram -



ITEM: L-OS-PS-BX

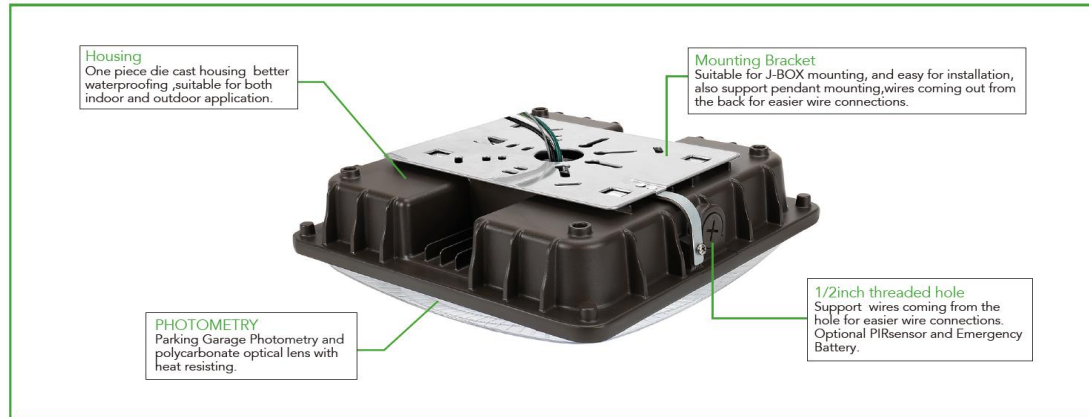
Waterproof container and
Holder to the fixtures



LED Canopy Lights, 40 and 60 watts

UL and DLC

- up to 139 Lumen/Watt, 0-10 VDC Dimmable
- 120 - 277 VAC and 347-480 VAC
- Occupancy sensor and Emergency Back-up
- -40 ~ + 40°C Operation Temp.
- Sealed die cast for in/out door usage



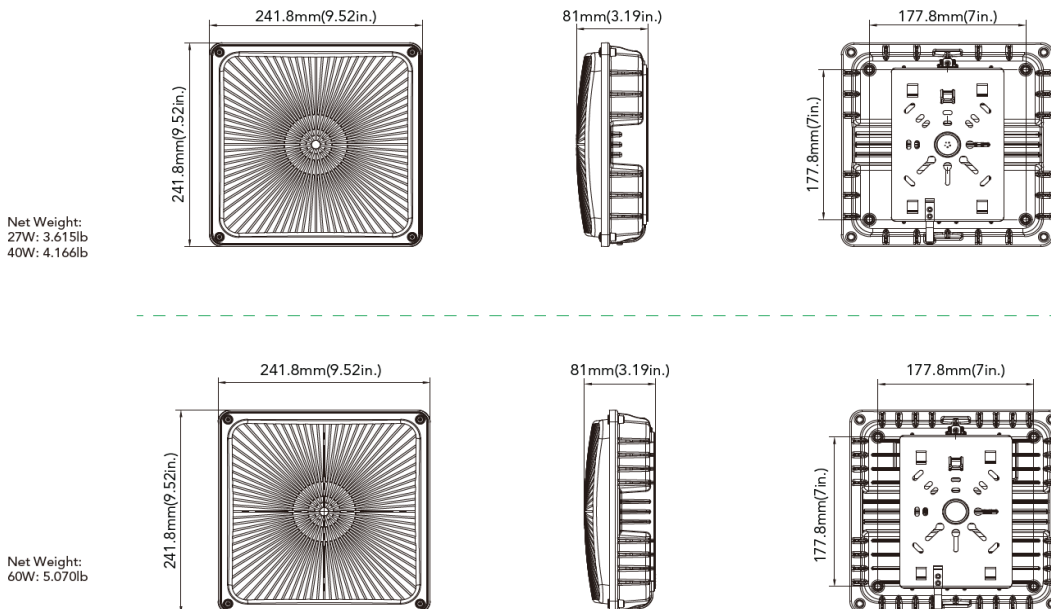
* previous stock of 45W, 70W non-dimm paritally available for cleaning

PERFORMANCE DATA

			4000K(70CRI)		5000K(70CRI)	
SYSTEM WATTS	PHOTOMETRY	VOLTAGE	LUMENS	LPW	LUMENS	LPW
27W	Parking Garage	120-277VAC	3750lm	139lm/W	3800lm	141lm/W
40W	Parking Garage	120-277VAC/347-480V	5350lm	134lm/W	5450lm	136lm/W
60W	Parking Garage	120-277VAC/347-480V	7800lm	130lm/W	8000lm	133lm/W

DIMENSION

unit: inch/mm



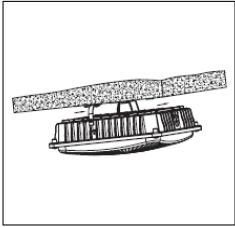
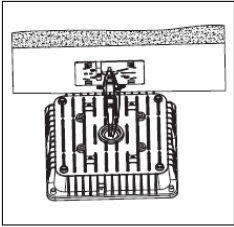
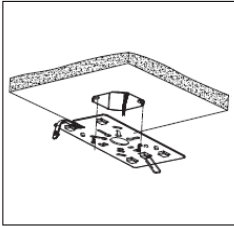
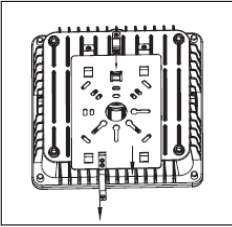
Item Codes

LHQ40-A50-(B/W/DB)-A1	40W, 5400 Lumen, 120-277 VAC, 5000K, Non-dimm, Black/White/Dark Bronze
LHQ40-D50-(B/W/DB)-A1	40W, 5400 Lumen, 120-277 VAC, 5000K, Dimmable, Black/White/Dark Bronze
LHQ40-D50-(B/W/DB)-A2	40W, 5400 Lumen, 347-480 VAC, 5000K, Dimmable, Black/White/Dark Bronze
LHQ60-A50-(B/W/DB)-A1	60W, 7800 Lumen, 120-277 VAC, 5000K, Non-dimm, Black/White/Dark Bronze
LHQ60-D50-(B/W/DB)-A1	60W, 7800 Lumen, 120-277 VAC, 5000K, Dimmable, Black/White/Dark Bronze
LHQ60-D50-(B/W/DB)-A2	60W, 7800 Lumen, 347-480 VAC, 5000K, Dimmable, Black/White/Dark Bronze
LHQ45N-A50-(B/W/DB)	45W, 4050 Lumen, 120-277 VAC, 5000K, Non-Dimm, Black/White/Dark Bronze
LHQ70N-A50-(B/W/DB)	70W, 5900 Lumen, 120-277 VAC, 5000K, Non-Dimm, Black/White/Dark Bronze
LHQ-EM-Box	Emergency housing

Installation

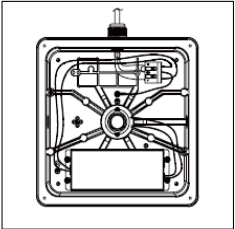
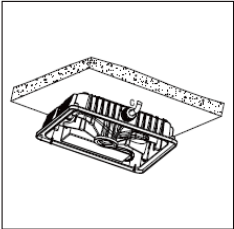
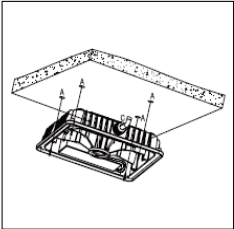
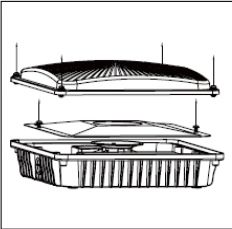
1. Surface Mounted with J-box

1. Loosen the screw on side of the light, removing the bracket from Canopy light by pulling it out slightly, just leaving the ring on bracket.
2. Fix the bracket on J-box, and put the wire through the central hole for wiring.
3. Attach the Canopy light with bracket by putting the ring on clips again. Connect the Black wire for Line, White for Neutral, Yellow Green for Ground.
4. Slide the Canopy lights into bracket, and secure the screw on side of the light to prevent the light from sliding out from the bracket. Installation done.

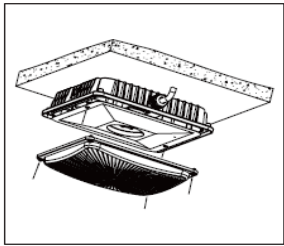


3. Surface mount

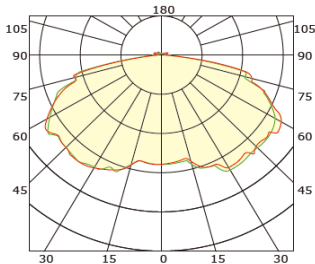
1. Remove the lens and metal plate by unscrewing the screws.
2. Drill 4 holes on edge of fixture and fix it on the ceiling with using appropriate screws. Cut off the wires through from 3/4" hole and plug the hole with provided Plug.
3. Remove 1/2" plug from direction you intend to feed conduit.
4. Disconnect the wires came from 3/4" hole and connect the wires came from 1/2" conduit with power supply . (White for Neutral, Black for Line, Yellow Green/Green for Ground)



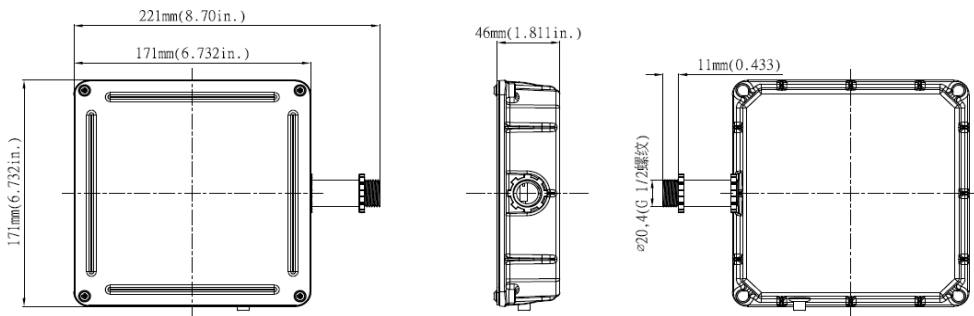
5. Replace the metal plate and the lens, make sure no wires are pinched when replacing parts.

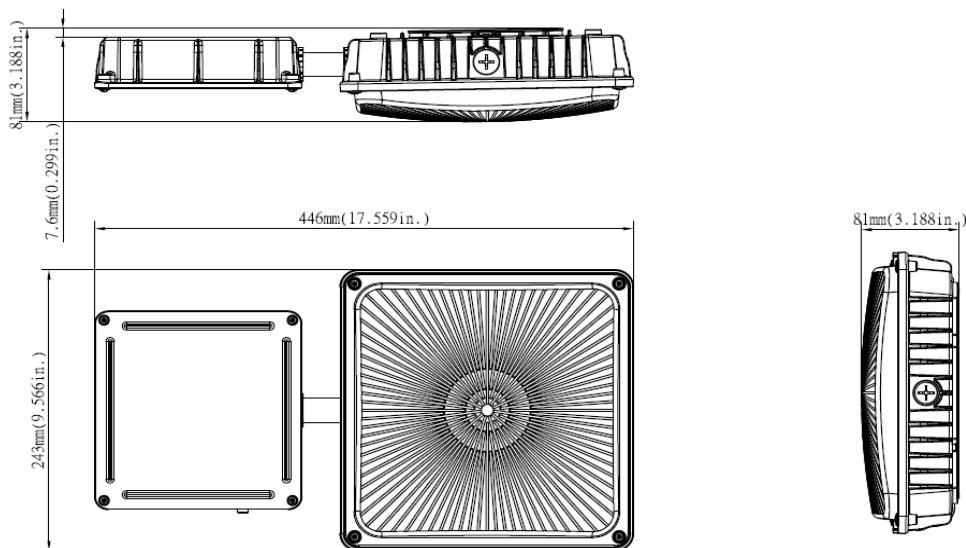


PHOTOMETRICS
Parking Garage



Emergency Box





Emergency LED Driver | Lithium iron phosphate battery



Product description

- LED emergency converter that can transfer standard LED fitting into emergency LED fitting.
- Used with Lithium iron phosphate battery.
- Suits for LED fitting with external led driver.
- Accessory: test switch and charge indicator.

Relevant standard

UL924

Product Description

- High-temperature Lithium iron phosphate batteries
- 3 Cells Lithium iron phosphate Battery pack

Technical data

- Input rated voltage: 100-277V AC 50-60Hz
- AC input current 10-80mA
- AC Input power rated 4 W max
- Power factor: >0.5
- Charge time ≥24 hours
- Charge mode: trickle re-charging on battery.
- Output emergency power 8 wattage, 130mA...540mA output current.
- Output voltage DC15...55V, DC60V max
- Battery capacity (LiFePo4): 9.6V 1500mAh IFR18650 3S1P
- Battery Charging Current 0-250mA
- 1.5 hours rated duration
- Charging indicator light
- Red on--Battery is charging
- Green light on--Battery is fully charged
- Indicator flicker--The device is something wrong and is malfunction.
- Max. casing temperature to 70°C
- Lumen Factor: 100lm/Wattage
- Reinforced insulation between the supply and the battery circuit.
- This unit can recharge the battery normally after reconnecting of battery.

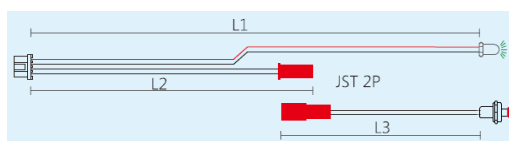
Technical Data

- Rated 500 charge/discharge cycle
- 18650 battery core
- Battery voltage 3.2V/Cell
- Max. short term temperature 70°C
- Ambient temperature 0°to +50°C°

Battery wire

- Two wires: 1 red and 2 black
- Length: 150mm
- Wire type: 0.75mm²

Test Switch and LED indicator



type	L1	L2	L3
05F02	300mm	150mm	150mm
05F03	600mm	150mm	450mm
05F04	1000mm	150mm	850mm

Applications

- Use in damp and dry environment.
- For use on a wide range of LED fittings to convert them from standard to emergency fitting.
- LED fitting would be maintained emergency LED fitting if standard (main powered) driver, emergency lighting kit and battery are all retained in the circuit.
LED fitting would be non-maintained emergency LED fitting if only emergency lighting kit and battery are retained in the circuit.
- Additional Relay that can control standard LED driver.
- Deep discharge protection.
- Connector between emergency kit and battery has the function of polarity reversal protection.
- Ambient range t_a 10....50°C
- IP20 protection, relies on end-product enclosure for protection against accidental contact live parts.
- Not intended for use in luminaires for high-risk task area lighting.
- Full warranty 3 years.

