SPECIFICATION SHEET

Shop Now

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

This LED UFO High Bay delivers up to 150 lm/W with efficient heat dissipation and built-in 6kV surge protection for added reliability. Its selectable wattage switch allows flexible performance across various settings. Ideal for gymnasiums, warehouses, industrial facilities, and other commercial high bay applications where powerful, energy-efficient lighting is essential.

FEATURES

Construction: Die-cast Aluminum

Lens: Clear and Polycarbonate glare-free options

Color Temperature: 5000K

Dimming: 0-10V

Voltage: 120-277 VAC

Emergency Battery: External with remote test switch

CRI: 70+

Power Factor: >0.9

Life: >143,000 Hours

Operating Temperature: -40 to 140°F

Warranty: 5 Years carefree for parts & components (Labor not included)

Listings: UL Certified, DLC Premium Listed, suitable for wet locations, IP69K rated

Infrared Motion sensor

PACKAGE CONTENTS:

Description	Q-ty
Industrial Kitchen LED UFO High Bay Light	1
Mounting ring (A)	1

A

Size	Wattage	Lumens
Small (SM)	100W | 150W | 200W	15,885 lm | 24,520 lm | 30,978 lm
Medium (MD)	150W | 200W | 240W	24,810 lm | 31,641 lm | 37,120 lm
Large (LG)	200W | 240W | 300W	32,649 lm | 38,070 lm | 45,148 lm

SPEC GRADE · 5 YEAR WARRANTY · DLC LISTED PREMIUM · UL · WET · IP69K · WATTAGE SELECTABLE · EMERGENCY BATTERY · 120V · 277V

ORDERING INFORMATION Example:

Model	Mounting	Size[2]	Finish	Lens	Options
15130	**P**[1] Pendant **PJ** Pendant with Junction box **S** Surface	**SM**[3] 11" x 6 3/4" **MD**[4] 12 5/8" x 6 3/4" **LG**[5] 12 5/8" x 7 15/16"	**BK** Black **WH**[6] White	**PC** Polycarbonate Glare-free **CL**[7] Clear **CLLG**[8] Clear - Large	**SH**[9] Spring hook **SC** Safety Cable **EM4**[10] 40W External Emergency Battery **EM6**[10] 60W External Emergency Battery **IMS** Infrared Motion Sensor **RC**[11] Remote Control for Infrared Motion Sensor

[1] Fixture includes a standard mounting ring for attaching a chain (not included) and comes with a 4-foot power cord.
[2] See further information in page 2.
[3] Small size available in 100/150/200W.
[4] Medium size available in 150/200/240W.
[5] Large size available in 200/240/300W.
[6] White finish only available for small size.
[7] Only available for small and medium sizes.
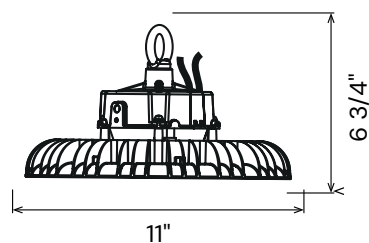[8] Only available for large size.
[9] Spring hook is ideal for installing fixture to ceiling. See measurements in page 2.
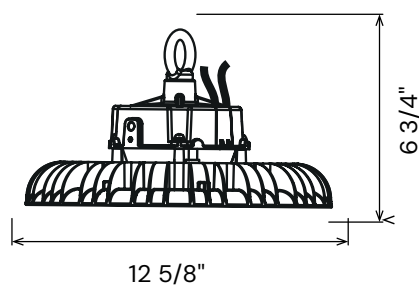[10] Remote test switch for External Emergency Battery is included.
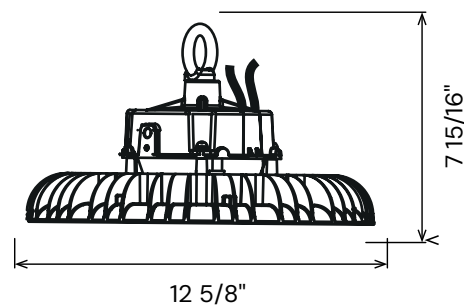[11] Suggested for programming high volume of fixtures.
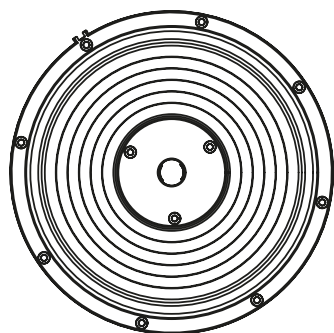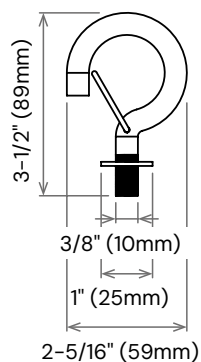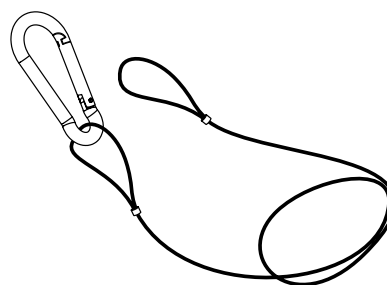
LINEDRAWINGS

15130-SM

6 3/4"

11"

15130-MD

6 3/4"

12 5/8"

15130-LG

7 15/16"

12 5/8"

Clear Lens

Spring Hook

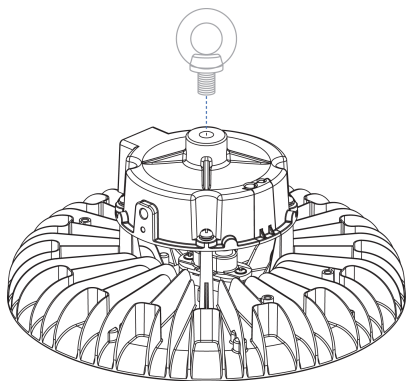3-1/2" (89mm)

3/8" (10mm)

1" (25mm)
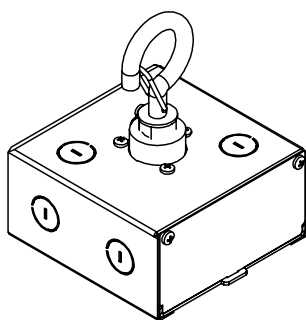
2-5/16" (59mm)

Safety Cable

MOUNTING

Pendant mount with O-ring

15130-P

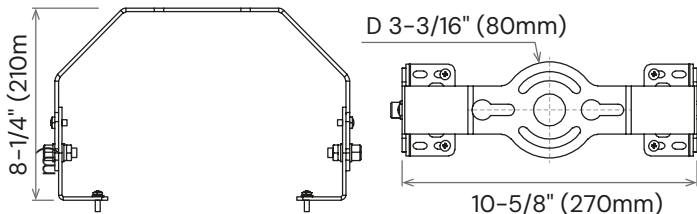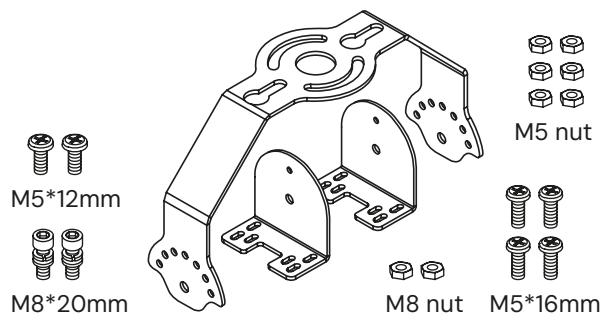### Pendant mount bracket with j-box and spring hook

15130-PJ

M10

M12

7-3/16" (183mm)

4-3/4" (120mm)   5-1/16" (128mm)
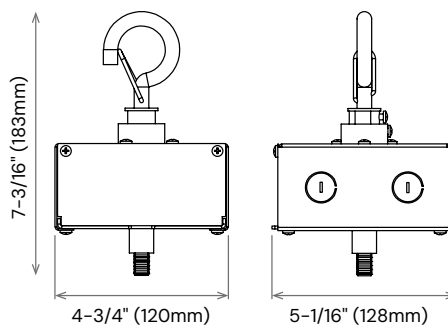
Surface mount bracket

15130-S

M5 nut

M5*12mm

M8*20mm   M8 nut   M5*16mm

8-1/4" (210m)

D 3-3/16" (80mm)

10-5/8" (270mm)

EXTERNAL EMERGENCY BATTERY KIT

EM4, EM6 listed for field and factory installation, provides constant power output to the load during emergency mode operation. They maintain illumination in emergency mode for a minimum of 90 minutes. It is an ideal emergency solution for UFO Helmut Series Architectural LED Round High Bay Light Fixture
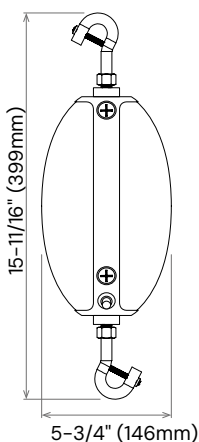
40W External Emergency Battery

EM4

15-11/16" (399mm)

5-5/8" (142mm)

60W External Emergency Battery

EM6

15-11/16" (399mm)

5-3/4" (146mm)
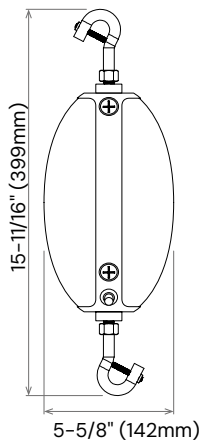
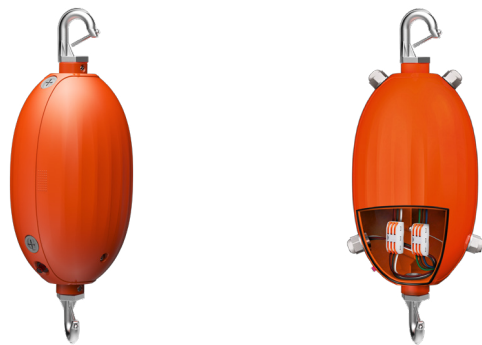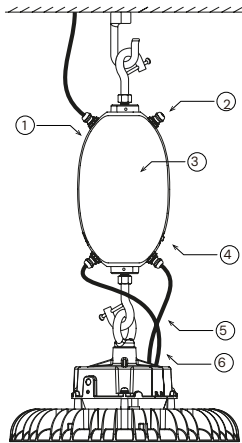## Remote test switch for External Emergency Battery

Press the ON button to switch battery to the back-up mode. The indicator light will turn off and fixture will decrease light output.

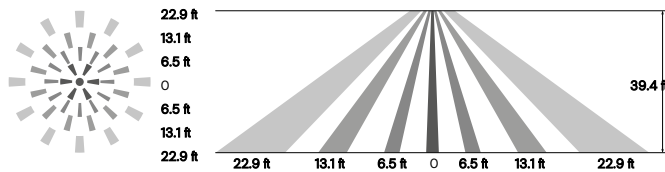Press OFF to switch the fixture to normal operation mode.

ON
OFF

1. Emergency back-up power
2. Waterproof connector
3. Integrated junction box cover
4. Remote control reception
5. Wire (dimming)
6. Wire (lamp input)

Specifications	EM4	EM6
Input voltage	100-347 V	
Input current	≤ 200 mA	
Input power	max 15W	
Standby input power	< 0.8W (finished charging)	
Maximum standby time between recharges	6 months	
Driver type	Constant power	
Output power (emergency mode)	40W	60W
Output voltage range	≤ 170 Vdc	
Lumens	6,000 lm	
Maximum load power	300W (when dimming to a minimum, the power needs to be less than 36W)	
Peak output power (emergency mode)	100W (lasts for 10 seconds)	
Number of output channels	1 channel	
RFI/EMI	FCC part 15 class B	
Output type	LED class 1	
Battery type	Li-ion	
Battery capacity available	2600 mAh (96 WH)	
Battery recharge time	24 hours	
Battery discharge time	90 min	
Maximum lighting fixture weight	44.1 lbs (20 kg)	
Self-diagnostic test system	In the normal charging mode, the system performs a self-diagnostic test every 30 days, the system switches to emergency mode for 30S, and then automatically switches back to the normal charging mode.	
	In the normal charging mode, the system switches to emergency mode every 360 days (after 11 monthly self-diagnostic test) and works until the end of discharge. Automatically switches back to normal charging mode after discharge.	
Operating temperature	-32°F to 122°F (0°C to 50°C)	
Service life	50,000 hours	
Input surge protection	2 kV	
Protections	Battery over discharge protection, output short circuit protection	
Approvals/class	RoHS, UL924 listed, CEC title 20	
	Dry/Wet Locations, IP65	

INFRARED MOTION SENSOR KIT

IMS

Mounting height < 39.4 ft (12 m) ceiling

22.9 ft
13.1 ft
6.5 ft
0
6.5 ft
13.1 ft
22.9 ft

39.4 ft

22.9 ft 13.1 ft 6.5 ft 0 6.5 ft 13.1 ft 22.9 ft

Detection distance radius 9.8–22.9 ft (3–7 m)

Default Setting:

Specifications	
Detection area	100 %
Hold time	10 min
Daylight threshold	Disable
Stand-by period	0 s
Stand-by dimming level	10 %

mounting User notes:

1. The driver voltage shall be stable and float within 10%.
2. Detection area options may NOT working obviously because it works depends on fresnel lens, it's physically defined.
3. Detection distance performance works better when moving parallel to the sensor as opposed to towards it.
4. Conduct testing with adequate ambient lighting for best results.
5. Dimming performance differs when connected to different drivers; If the driver can't completely turn OFF, sensor can't either.
6. The first time powering ON the sensor, light will be ON 100% for about 45S then dims to standby level or OFF.

Installation precautions:

1. PIR sensor can't be placed inside any material, fresnel lens must be completely exposed in air.
2. Fresnel lens of the PIR sensor must be lower than light fixture.
3. Suitable for ceiling mount installation, adjust sensitivity properly if it's installed on a wall because it will become more sensitive.

Application environment:

1. Suitable for indoor application, half/completely outdoor environment conditions might trigger the sensor.
2. Not suitable environment if there's sudden changed temperature of airflow for PIR sensor.
3. Not suitable environment if there's shelves between the sensor and target area.
4. Shall be mounted securely, to avoid any false triggers caused by movement of the fixture itself.
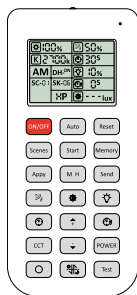
Specifications

|	
Operating voltage	
Operating current	< 15 mA
Detection area	25 %/50 %/75 %/100 %
Hold time	Remote control: 5 s/30 s/1 min/3 min/5 min/10 min/20 min/30 min Built-in switch: 5 s/1 min/5 min/10 min
Daylight threshold	2 lux (0.2 fc)/10 lux (0.9 fc)/30 lux (2.8 fc)/50 lux (4.7 fc)/80 lux (7.4 fc)/120 lux (11.2 fc)/200 lux (18.6 fc)/250 lux (23.2 fc)/ 300 lux (27.9 fc)/350 lux (32.5 fc)/400 lux (37.2 fc)/disable
Standby period	0 s/10 s/30 s/1 min/5 min/10 min/30 min/60 min/+ ∞
Standby dimming level	Remote control: 10 %/20 %/30 %/50 % Built-in switch: 0 %/10 %/30 %/50 %
Mounting height	≤ 39.4 ft (12 m)
Detection range	≥ 9 ft (3 m)
Operating frequency	–
Transmitting power	–

Remote Control for Infrared Motion Sensor

RC

| Button		Remarks	Button		Remarks	Button		Remarks
ON/OFF	ON/OFF	Turn the sensor ON/OFF.	M H	Mounting height	Adjust detection area/sensitivity levels according to real installation situations, higher or lower.	↕	Up	The main functional buttons to adjust the factors to desired level. Press + – button to dim light directly in non-detection mode.
Auto	Auto	Enter "sensor mode" and perform previous settings.	Send	Send	Memorize and send out the previous setting of individual parameters.	↕	Down	
Reset	Reset	Enter "sensor mode" and perform the default settings.		Detection range	Also known as "sensitivity", 100 % means the highest sensitivity and longest distance. Use this button and the + – buttons to adjust.	CCT	CCT Selectable	Not applicable to this product.
Scenes	Scenes	Shows current settings saved in remote.		Daylight sensor	The preset lux level at which motion will be detected. Use this button and the + – buttons to adjust.	POWER	Power	Adjust brightness in both ON/OFF mode & sensor mode, minimum 10%, max 100%, each time this button is pressed it changes by 5%.
Start	Start	Press this to begin scene setup.		Stand-by dimming	After hold time, the light will dim from 100 % to optional standby dimming levels. Use this button and the + – buttons to adjust.	○	Reserved Button	Not applicable to this product.
Memory	Memory	Saves the scene settings.		Hold time	The period that light will stay illuminated 100 % after no motion is detected. Use this button and the + – buttons to adjust.		Daylight Harvesting	Daylight harvesting function enabled or disabled.
Appy	Apply	Applies current scene settings to the fixture.		Stand-by period	The period after holdtime, during which the light keeps standby dimming level. Use this button and the + – buttons to adjust.	Test	Test button	Press this button to test the sensor; it will temporarily change the hold time to 2s. This setting cannot be saved.

WITH DUSK/DAWN FUNCTION:

1. With insufficient ambient brightness, sensor turns on light and keeps it at standby dimming level even if there is no motion or presence.
2. When sensor detects motion or presence it will bring the light level up to 100 %.
3. After motion is no longer detected, fixture remains at 100 % for hold time.
4. After pre-set hold time period it will dim to standby dimming level again and always keep it.
5. With sufficient ambient brightness, sensor will turn OFF light automatically.
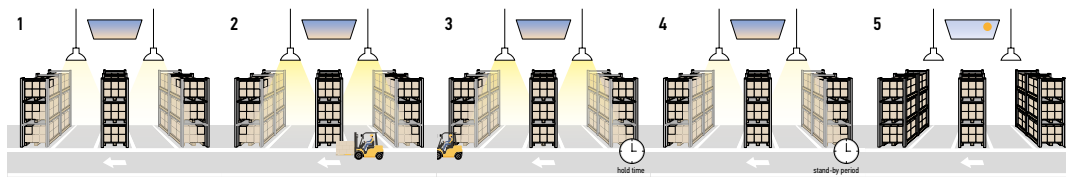
WITH DAYLIGHT DISABLED:

1. Sensor turns ON light when motion is detected.
2. Light will stay on after detecting motion for the desired hold time.
3. Sensor dims light to standby dimming level after hold time if there is still no motion.
4. Sensor turns OFF light after standby period.
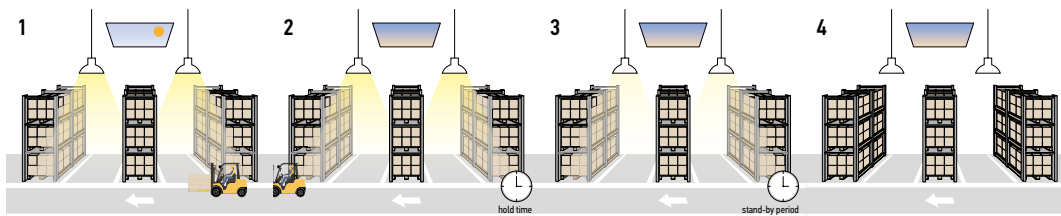
WITH DAYLIGHT THRESHOLD:

1. With sufficient daylight, the light remains OFF even after motion is detected.
2. With insufficient daylight, the sensor turns light ON when motion is detected.
3. After there's no motion detected, the sensor keeps light ON 100 % for holdtime.
4. After holdtime, sensor dims light to standby dimming level for standby period. If the standby period has been set as Os, sensor turns light OFF automatically after holdtime.
5. The sensor turns OFF light automatically after the standby period when there's no motion detected.
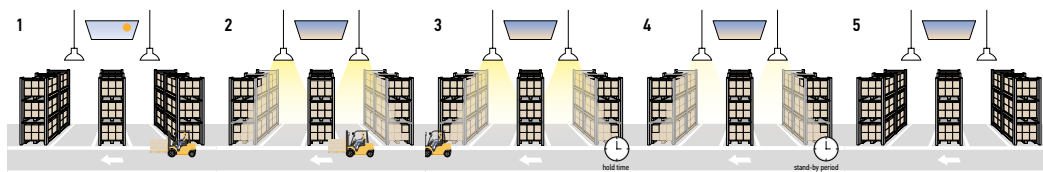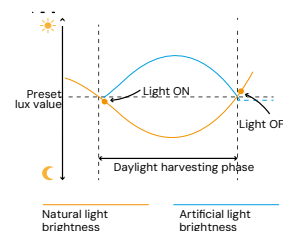

DAYLIGHT HARVESTING:

1. When ambient brightness is lower than preset lux level, sensor will turn on light automatically and keep dimming according to the change of the ambient brightness. As it gets darker outside the fixtures will brighten, and as it gets brighter outside the fixtures will dim down.
2. When the ambient brightness exceeds the preset lux level, the light will turn OFF.
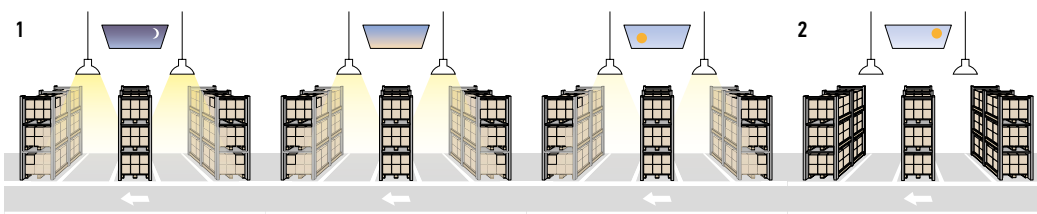
DAYLIGHT HARVESTING SETTING:

1. Adjust "daylight" value higher than 50lux.
2. Preset "standby period" OS
3. Press MW/PIR button 3 times until the MW/PIR icons are both blinking on LCD screen, daylight harvesting function enabled. (With BLE version, press DH button, daylight harvesting function enabled).

COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	**SOFT WHITE** GLOW	**NEUTRAL** GLOW	**DAYLIGHT** GLOW	**CRYSTAL WHITE** GLOW
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
X	X	X	X	✓