LED CANOPY LIGHT

CPXW SERIES

The **CPXW Selectable Canopy Light** is a contractor experience LED canopy light - designed to save you money, save you time, and install quickly. 12 fixtures in 1 - 4 selectable lumen outputs for different ceiling heights and 3 selectable CCT color outputs. Fast installtion that's prime for an easy retrofit - engineered with your experience first. Unleash controls with an easy mount sensor

Housing

Features a compact,one-piece die cast housing, saving costs versus models that are extruded or cast and repuire additional parts,The heat sink is included in the actual casting,further minimizing the need for additional parts.

1/2 in Knock Hole

Support wires coming from the hole for easier wire connections. Optional PIRsensor and Emergency Battery.

Motion Sensor(Option)

PIR Sensor and plug in and play Microwave Sensor optional.
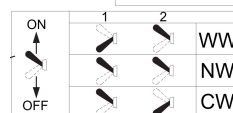
Emergency(Option)

10W Emergency battery,1300lm.

Photocell(Option)

Optional photocell allows for security and energy saving.

Photometry

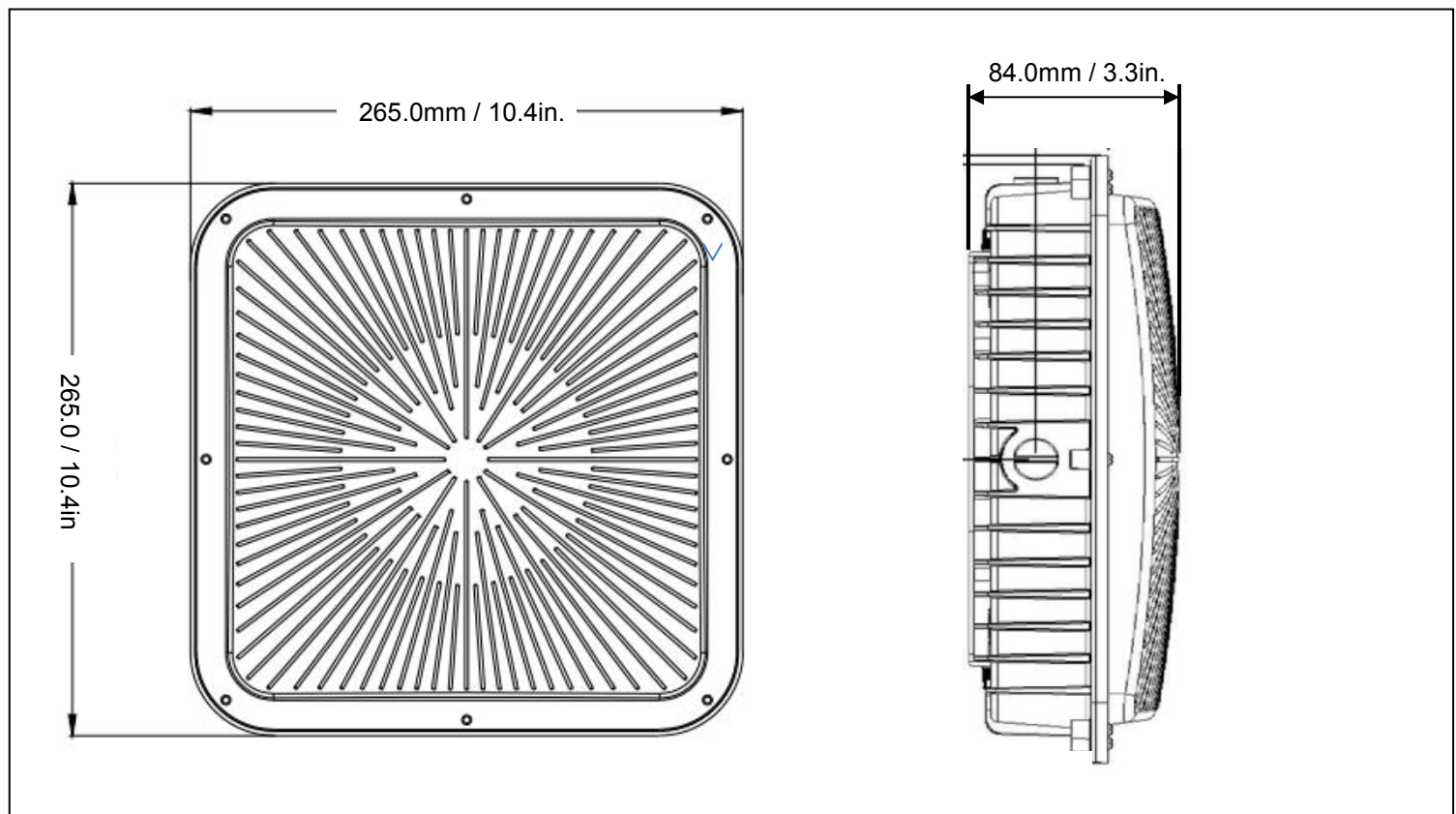Parking Garage Photometry and polycarbonate optical lens with heat resisting.

Power and CCT controller

The wattage and CCT can be changed by switch selection on the controller, it easy and very fast to meet the varied requirements.

C:60W
B:80W
A:40W

ON	1	2
		WW
		NW
OFF		CW

Technical Parameters

Model	CPXW20	CPXW40	CPXW60	CPXW80	CPXW100
Wattage	20W	40W	60W	80W	100W
Luminous Flux	2600lm-3600lm	5200lm-7200lm	7800lm-10800lm	10400lm-14400lm	13000lm-18000lm
Lumens per Watt	130 - 180				
Input Voltage	100-277V / 277-480V / 100-347V,50 / 60 Hz				
Color Temperature	3000K / 4000K / 5000K / 5700K / 6500K				
Operation Temperature	-40°C to + 50°C (-40°F to 122°F)				
Beam Angle	120°				
CRI	Ra70 (Ra80 or Ra90 optional)				
PF	≥0.95				
Net Weight	2.0kg / 4.4lbs			2.2kg / 4.9lbs	
QTY/CTN	5			5	
GW/CTN	12.8kg / 28.2lbs			13.8kg / 30.4lbs	
Size of box(mm/in)	310*310*110 / 12.20*12.20*4.33				
SIZE of CTN(mm/in)	610*320*320 / 24.01*12.59*12.59				

Product Dimensions

265.0mm / 10.4in.

265.0 / 10.4in

84.0mm / 3.3in.

Technical Parameters

Photometrics

光强:cd
C0/180,121.8°
C30/210,120.7°
C60/240,119.9°
C90/270,121.6°

平均光束角(50%):121.0度
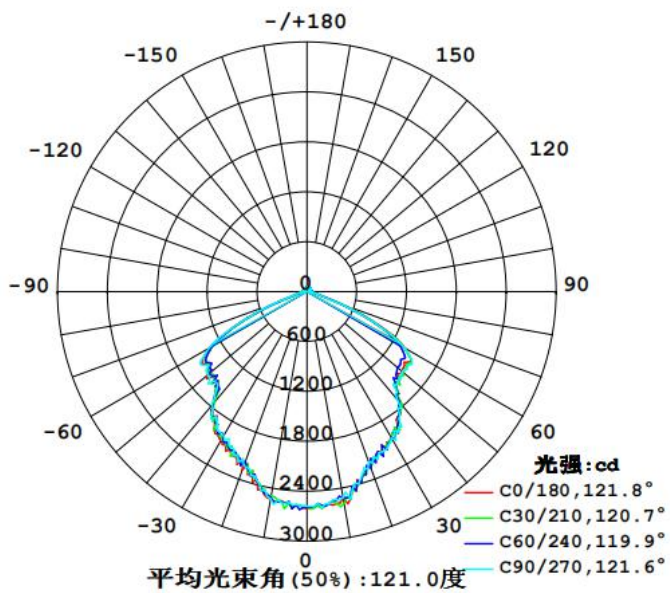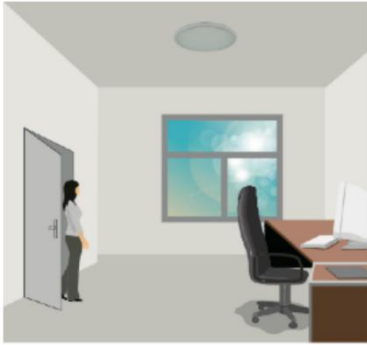
FUNCTIONS & CONTROLS

The Motion Sensor to achieve multi-level dimming controls for same areas that require a light change notice before switch OFF.
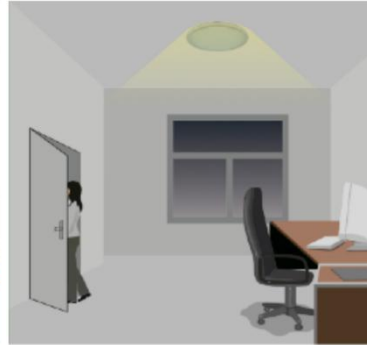Bi-level control: 0% OFF —> [0% | 10% | 30% | 50%] —> 100% ON
Selectable holding period: Motion hold-time | standby time. Selectable daylight threshold and choice of detection area.
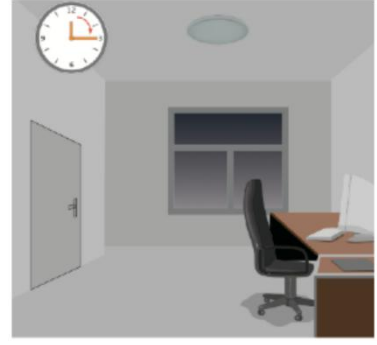
With suffifficient ambient light, fifixtures will not be switched ON even if motion is detected.

With insuffifficient ambient light, the sensor will switch ON the fifixture when motion is detected.

After standby period elapsed, the sensor will switch OFF the fifixture when no motion is detected.
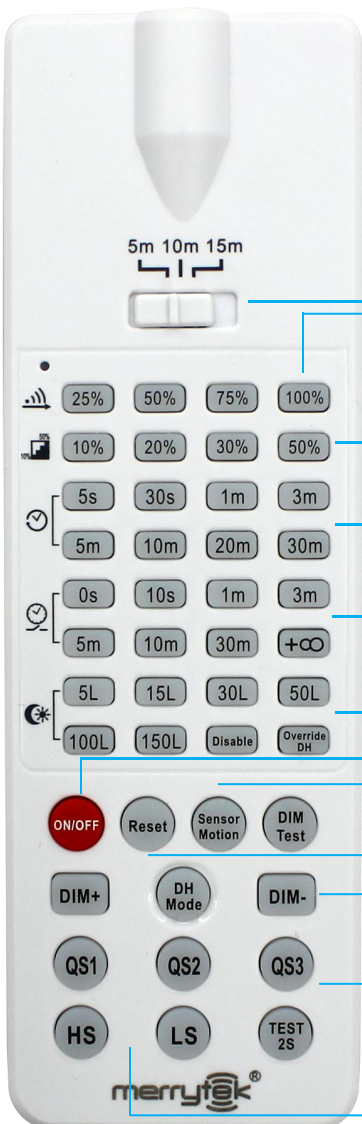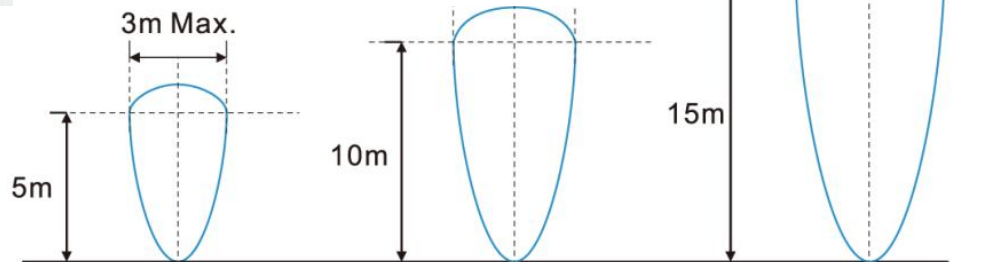
The fifixture switches OFF automatically after standby time

Remote Control

5m 10m 15m

Remote Distance
Toggle bottom can set the remote distance of remote control and sensoer

5m Max.

3m Max.

5m

10m

15m

5m 10m 15m

Detection Area Set up detection area: 25% / 50% / 75% / 100%

Stand-by dim level Set up stand-by dim level: 10% / 20% / 30% / 50%

Hold time Set up hold time: 5S / 30S / 1min / 3min / 5min / 10min / 20min / 30min

Stand-by period Set up stand-by time: 0S / 10S / 1min / 3min / 5min / 10min / 30min / +∞

Daylight Sensor Set up daylight threshold: 5LUX / 15LUX / 30LUX / 50LUX / 100LUX / 150LUX / Disable

Press "ON/OFF", the load lamp will enter normal ON/OFF mode. Sensor function will be override."ON/OFF" key has the memory function after power off. No matter the load lamp is ON / OFF before power off, it will enter the normally ON mode after power on again. Press "Reset" /"Sensor motion" to exit the normally ON / OFF mode, and the sensing function is turned on.

Press "Sensor motion", the load lamp will flash once and normally ON / OFF mode turns to the sensing mode. The parameters returns to the previous.

Press "RESET", the load lamp will flash once and enter the sensing mode. Sensor parameters return to factory setting.

Short press "DIM+/DIM-"to dim up/down load with the sensing mode. Each pressing will dim 5%; Dimming range: 50% to 100%. "DIM+/DIM-" have memory before power off. The load lamp will remain the brightness last sets after power on again.

Scence Options Detection Area Hold Time Stand-by period Stand-by dim level Daylight Sensor Induction model QS1 100% 5min 10min 10% 30Lux Hs QS2 100% 10min 30min 10% Disable Hs QS3 100% 20min 30min 10% Disable Hs

Press "HS" key to set the Detection Area to high sensitivity. Press "LS" key to set the Detection Area to low sensitivity. Adjusting the sensitivity is based on the Detection Area

Buttons: 25% 50% 75% 100% | 10% 20% 30% 50% | 5s 30s 1m 3m | 5m 10m 20m 30m | 0s 10s 1m 3m | 5m 10m 30m +∞ | 5L 15L 30L 50L | 100L 150L Disable Override DH | ON/OFF | Sensor Motion | ON/OFF Reset Sensor Motion DIM Test | DIM+ DH Mode DIM- | QS1 QS2 QS3 | HS LS TEST 2S | merrytek®

Reset | DIM+ DIM- | QS1 QS3 QS2 | HS LS

Installation Instruction
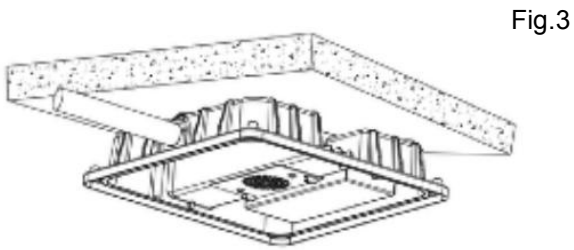
SURFACE MOUNT

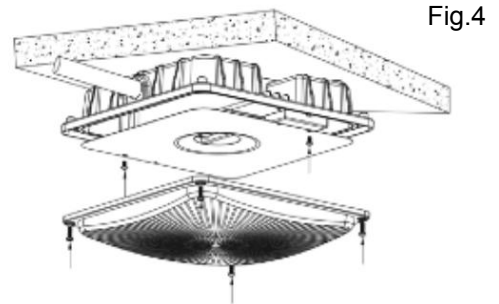STEP1: Remove the lens and metal plate by unscrewing the screws in Fig.1.

Fig.1
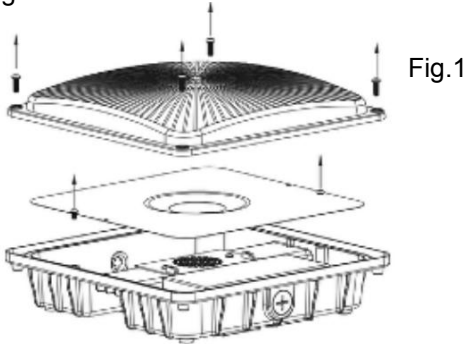
STEP2: Drill 4 holes on edge of fifixture and fifix it on the ceiling with using appropriate screws in Fig.2.

Fig.2
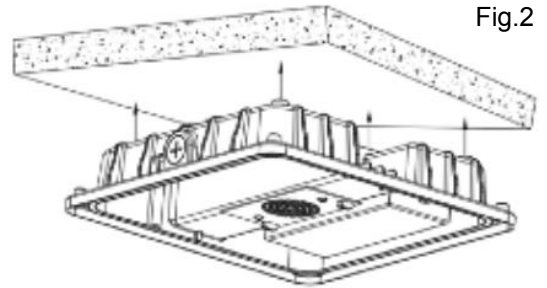
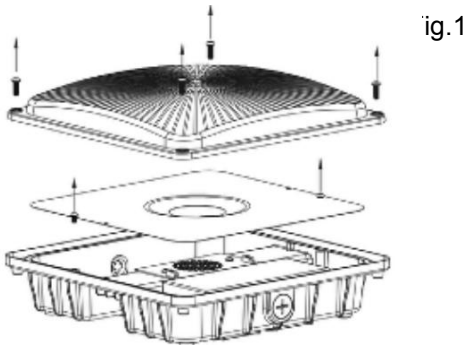STEP3: Remove 1/2" plug from direction you intend to feed conduit in Fig.3.

Fig.3

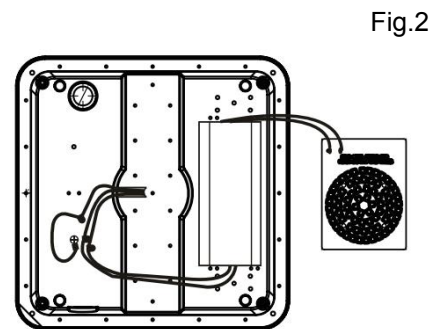STEP4: Replace the metal plate and the lens, make sure no wires are pinched when replacing parts in Fig.4.

Fig.4
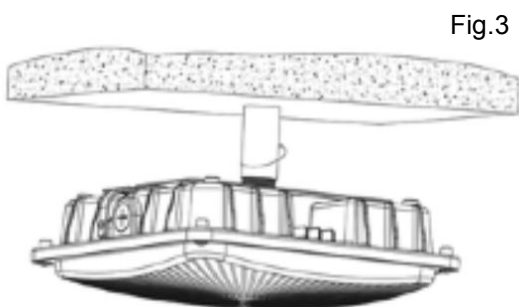
PENDANT W/ 3/4IN CONDUIT

STEP1: Remove the lens and metal plate by unscrewing the screws in Fig.1.

Fig.1

STEP2: Connect the wires threaded from conduit and Canopy, Black wire for Line, White for Neutral, Green/Yellow Green for Ground. in Fig.2.

Fig.2

STEP3: Secure the conduit into the hole on top of the fifixture in Fig.3.

Fig.3

Tip:If the light sensor switch is not needed, attach the accessory(protective cap) to the light sensor to cover it.
Remove cap
First:Hold on the cap with your hand,Do not spin the cap.
Second:you can pull out the cap.

light sensor

Protective cap
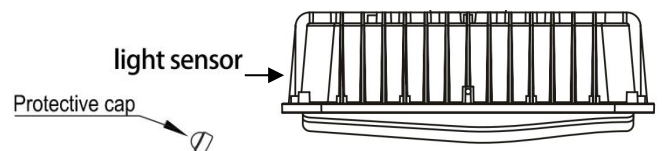
Installation Instruction

RISK OF FIRE:Universal voltage driver permits operation at 120V through 277V,277V through 480V,120V through 347V, 50 or 60 Hz . For 1-10V dimming follow wiring directions as shown in Fig. 2. For non-dimming , follow the wiring directions as shown in Fig.1.
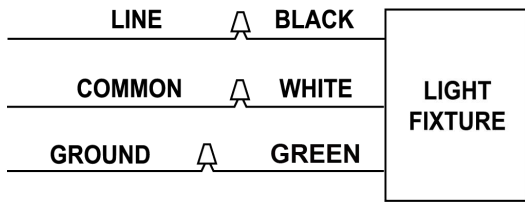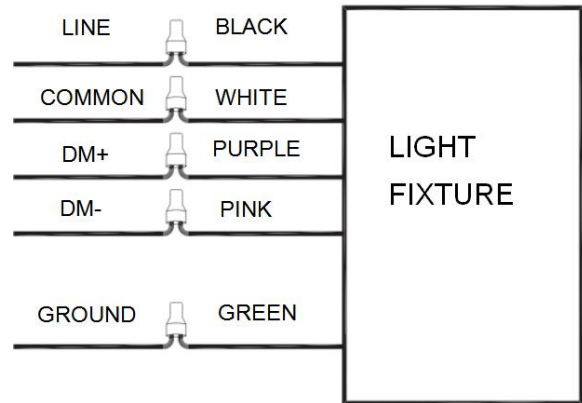
Fig.1

LINE	BLACK
COMMON	WHITE
GROUND	GREEN

LIGHT FIXTURE

Fig.2

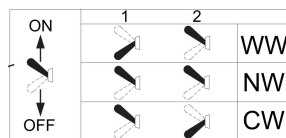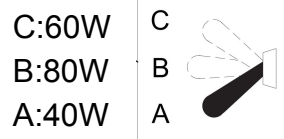| LINE	BLACK
COMMON	WHITE
DM+	PURPLE
DM-	PINK
GROUND	GREEN

LIGHT FIXTURE

FIELD-ADJUSTABLE CCT & WATTAGE

Follow instructions below to change the Fixture Power (W)and/or Color Temperature (CCT) from factory settings:

1.Locate the Field Adjustable Switches on Fixture Housing as shown below (Fig.3).

2.Select Power (W) and/or Color Temperature (CCT) by sliding respective switch to the desired value (Fig.3).

Fig.3

Power Selector Switch

C:60W   C
B:80W   B
A:40W   A

ON	1	2	
			WW
			NW
OFF			CW

CCT Selector Switch