PRAGMALUX

1x

1x

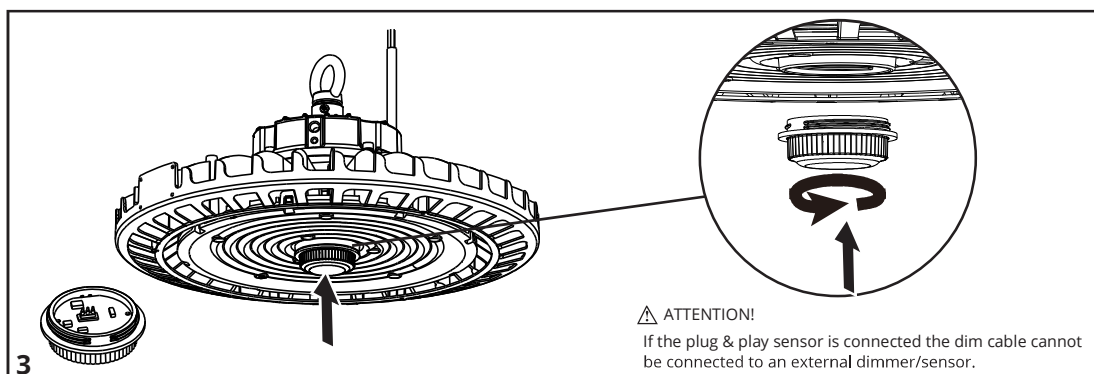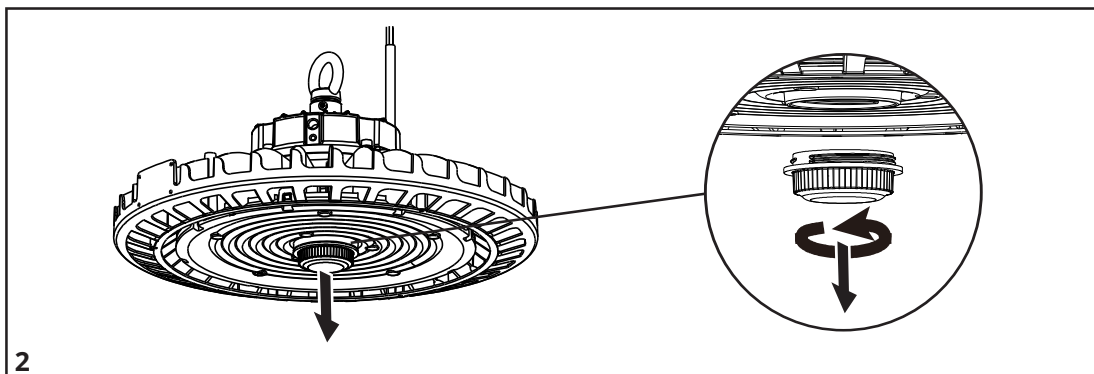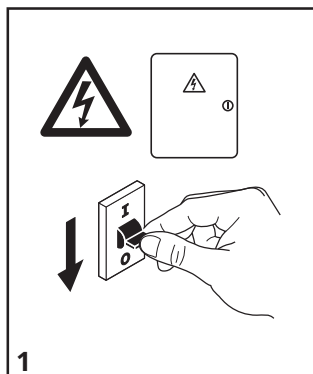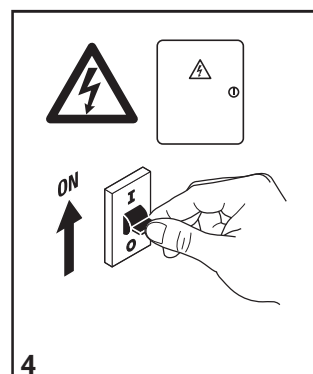⚠ **Accessories needs to be ordered separately**

⚠ 1 Remote control must be ordered separately to configure the sensor settings.
Each sensor/luminaire must be separately set with the remote control.

Item Description	Article number
LED Highbay Storm G2 Sensor PIR	1000442
LED Highbay Storm G2 Sensor Remote Control	1000459

Installation

1

2

3

⚠ ATTENTION!

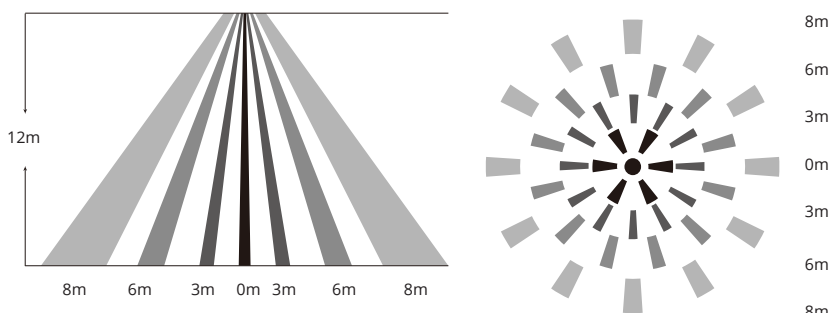If the plug & play sensor is connected the dim cable cannot be connected to an external dimmer/sensor.

4

Technical Data - Sensor PIR

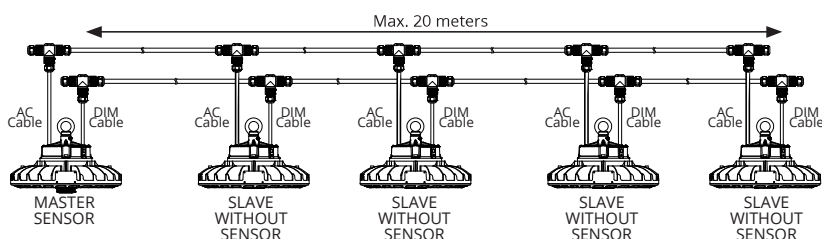|	
Operating voltage	10.5-15VDC
Operating current	30mA±5%
Stand-by power	≤0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold (ON-OFF)	6-18Lux(10Lux) / 20-45Lux(30Lux) / 30-70Lux(50Lux) / 60-100Lux(80Lux) / 90-155Lux(120Lux) / Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
PIR Wave Length	5-14um
Mounting height	Max. 12m (ceiling mounted)
Detection angle	120°
Detection range	Max,ø16m (ceiling mounted)
Operating temperature	-20°C~+60°C
Motion detection	0.5~1.5m/s

Factory default settings:

Detection area	100%
Hold time	5s
Daylight threshold	Disable
Stand-by period	0s
Stand-by dimming level	10%

Detection range (100% sensitivity)

12m

8m 6m 3m 0m 3m 6m 8m

8m
6m
3m
0m
3m
6m
8m

Master-Slave function

⚠ 1 Sensor can control up to 5 luminaires.
The maximum length between the master and the last slave should NOT exceed 20 meters.

Max. 20 meters

| AC Cable | DIM Cable | AC Cable | DIM Cable | AC Cable | DIM Cable | AC Cable | DIM Cable | AC Cable | DIM Cable |

MASTER SENSOR | SLAVE WITHOUT SENSOR | SLAVE WITHOUT SENSOR | SLAVE WITHOUT SENSOR | SLAVE WITHOUT SENSOR

Max. 5 luminaires

Remote Control

ON/OFF
The "ON/OFF" button acts as a switch, it turns the luminaire on or off.* Press the "Auto Mode" , "RESET" or "Apply" buttons to exit this mode.

Flick after press any button

Flick only after press "Apply" button

Reset
Press the "RESET" button to reset all the settings to the Factory settings (100% detection range,hold time 5S, no stand-by time and daylight threshold disabled)

Auto Mode
If the "Auto Mode" button is pressed, the sensor starts working under the last saved settings.

Detection area
Press the button "detection range" to set detection range as 100% / 75% / 50% / 10%.

Brightness +/-

⚠ Brightness function is NOT available

Hold-time
Press the button "hold-time" to set hold-time as 5s / 30s / 1min / 3min / 5min / 10min /15min/ 30min

Start
Press "Start" to customize the scene, users can adjust the detection range, daylight threshold, holdtime, standby dimming level and standby period.

Stand-by dimming level
Press the button "stand-by dimming level" to set the stand-by dimming level as 10% / 20% / 30%/ 50%.
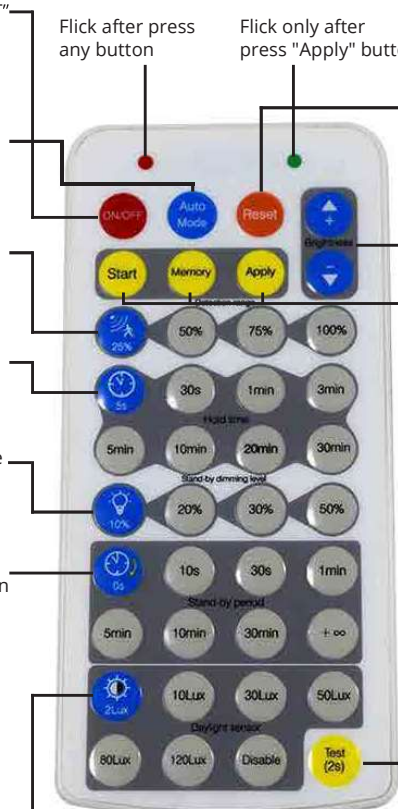
Memory
Press "Memory" to save all the settings.

Apply
1-Press "Apply" to enforce the saved values.
2-If the "Apply" button is pressed without memorizing all the settings, the values will deliver as only one-time operation.

Stand-by period
Press the button "stand-by period" to set stand-by period as 0s / 10s / 30s / 1min / 5min/ 10min / 30min / +∞

Note: "0s" means no standby period; "+∞" means infinite standby period.

Test (2s)
The button "Test (2s)" is for testing purpose after commissioning. If the button is pressed, the sensor goes on test mode (hold time is only 2s) automatically, stand-by period and daylight sensor are disabled.

Daylight threshold
Press the button "daylight sensor" to set daylight threshold as (ON-OFF): 6-18Lux(10Lux) / 20-45Lux(30Lux) / 30-70Lux(50Lux) / 60-100Lux(80Lux) / 90-155Lux(120Lux) / Disable

Note: Disable means light will be turned on once the sensor detects movement, regardless of the ambient daylight lux levels.

STEPS
1 - Press the "Start" button.
2 - Select the desired settings (Detection area / Hold-time / Stand-by dimming level / Stand-by period / Daylight thresold).
3 - Press "Memory" to save all the settings.
4 - Press "Apply" to enforce the settings.
5 - If you want to apply the same sensor settings to the other luminaires with sensor point the remote control to the other luminaires with sensor and press "Apply".

Notes
1 - Settings will be saved automatically and remain until the reset button is pressed again.
2 - Light will flicker when setting each parameter.
3 - 1 Remote control must be ordered separately to configure the sensor settings.
4 - Each sensor/luminaire must be separately set with the remote control.

⚠ Warning

• Only qualified electrician is allowed to do installation, maintenance and inspection for safety concern. It is dangerous for non-professional operators.
• Power should be cut off before installation, maintenance or inspection.
• Please install and use the product strictly according to the instruction.
• Do not disassemble or remold the product at will to avoid accident of electric shock or light falling.
• Working out of temperature range of -30 ~ +50 will shorten the lifetime of the product.

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