



POWER-LITE®

Certainty at The Speed of Light



DAYLIGHT HIGH BAY

SENSOR

UFO-150W-DS

The POWER-LITE® Sensor is to suit the 150W UFO High Bay.

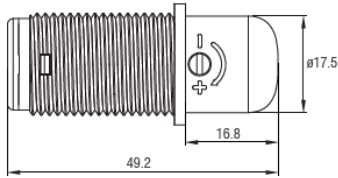


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DIMENSIONS

Length 1m



Unit:mm

Voltage

1-10V DC

Current Sink

Max 50mA
(Maximum rating)

Dimming Range

10% - 100%

Hold Time

1 min

Working Temp

-25°C ~ 45°C

Carton Qty

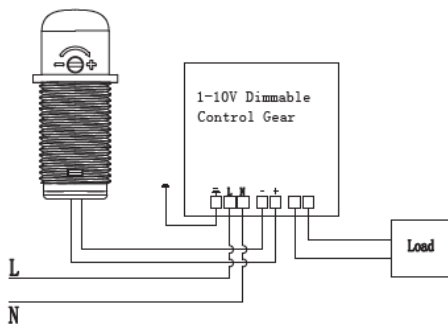
1

Sensor Angle

120°

WIRING DIAGRAM

(To LED Driver Only)



PRODUCT

DAYLIGHT HIGH BAY SENSOR

CODE

UFO-150W-DS

IP IP20

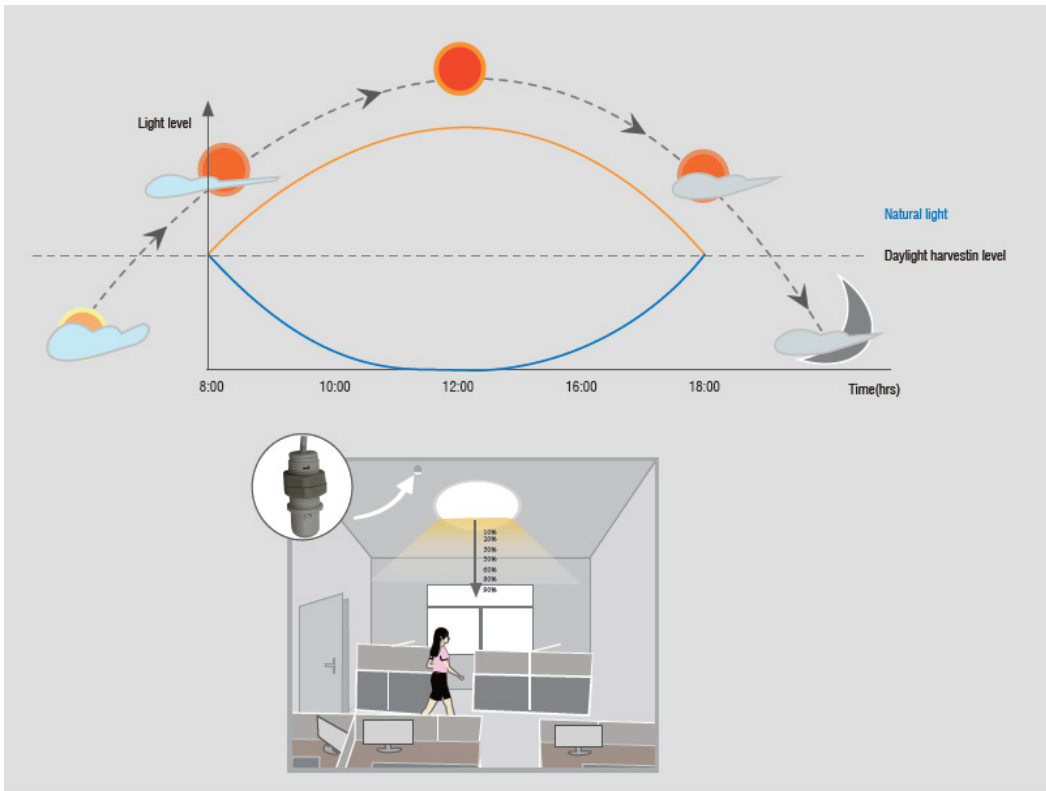


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DIAGRAM

Connected to 1-10V interface, the sensor automatically compares ambient lux to preset lux value and adjusts artificial lighting to keep lighting balance.

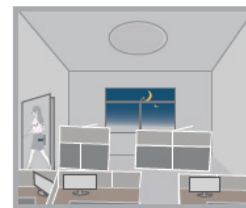


APPLICATION WITH LED DRIVER

Connected sensor is always automatically compares ambient lux to preset lux value. With 1-10V dimmable control gear, artificial light dims 10%-100% brightness according to the change of ambient lux level to keep visual comfort.



With enough ambient lux (ambient lux > pre-set lux value), light dims 10% brightness.



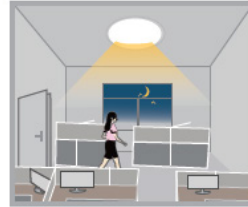
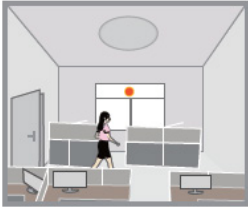
Switch off light manually when needed.



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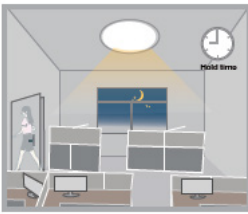
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APPLICATION WITH ON/OFF SENSOR & LED DRIVER



With enough ambient lux (ambient lux > preset lux value), lights don't turn on even though people move in the detection area.

If Ambient lux < preset lux level and people walk in the detection area, lights on; if ambient lux is much less than preset lux level and people move, lights dim brighter by 1-10V dimming control to keep visual comfort.

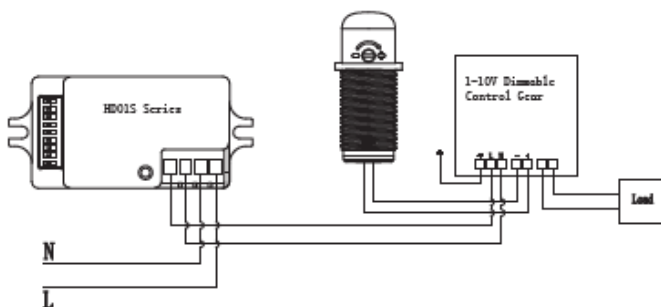


The sensor goes to hold time after people leave the detection area.

After hold-time, sensor automatically turns off if there's no more movement.

WIRING DIAGRAM

(to ON/OFF sensor & LED driver)

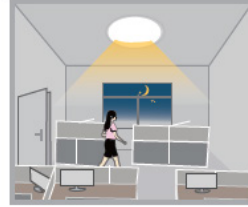
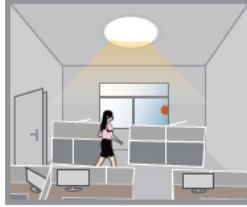
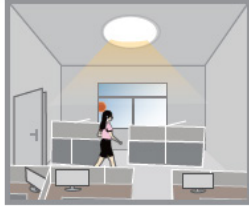
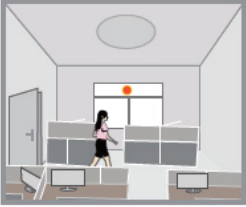




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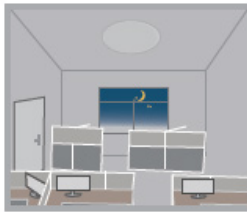
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DIMMABLE SENSOR & LED DRIVER



With enough ambient lux (ambient lux > preset lux value), lights don't turn on even though people move in the detection area.

If Ambient lux < preset lux level and people walk in the detection area, lights on; if ambient lux is much less than preset lux level and people move, lights dim brighter by 1-10V dimming control to keep visual comfort.



The sensor goes to hold time after people leave the detection area.

After hold time, the sensor goes to standby period keeping preset standby dimming level if there's no more movement.

After standby period, the sensor automatically turns off.

WIRING DIAGRAM

(to Dimmable sensor and LED driver)

