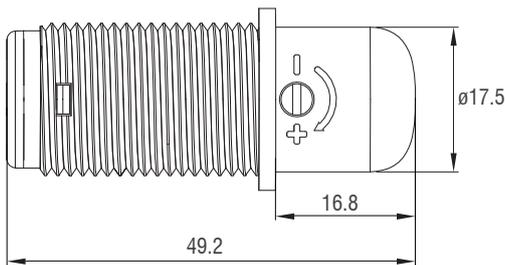
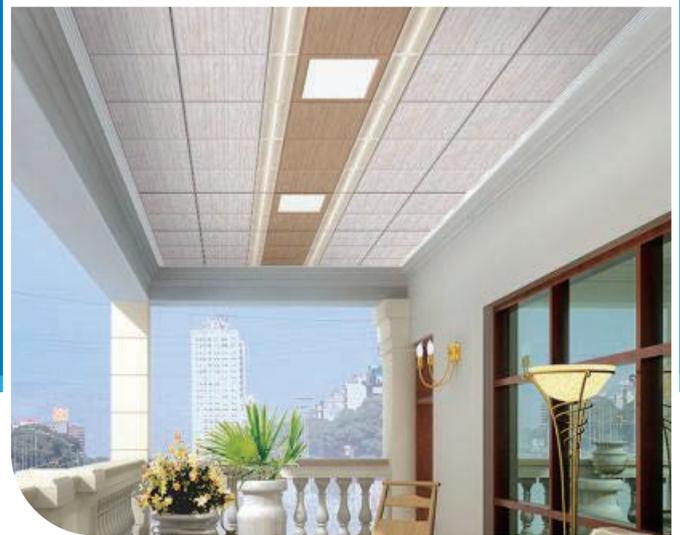
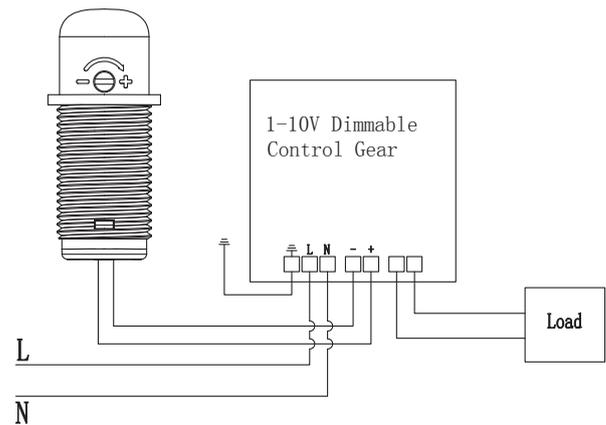


Daylight Sensor UFO-150W-DS



Unit:mm



Wiring diagram (to LED driver only) Pic 1

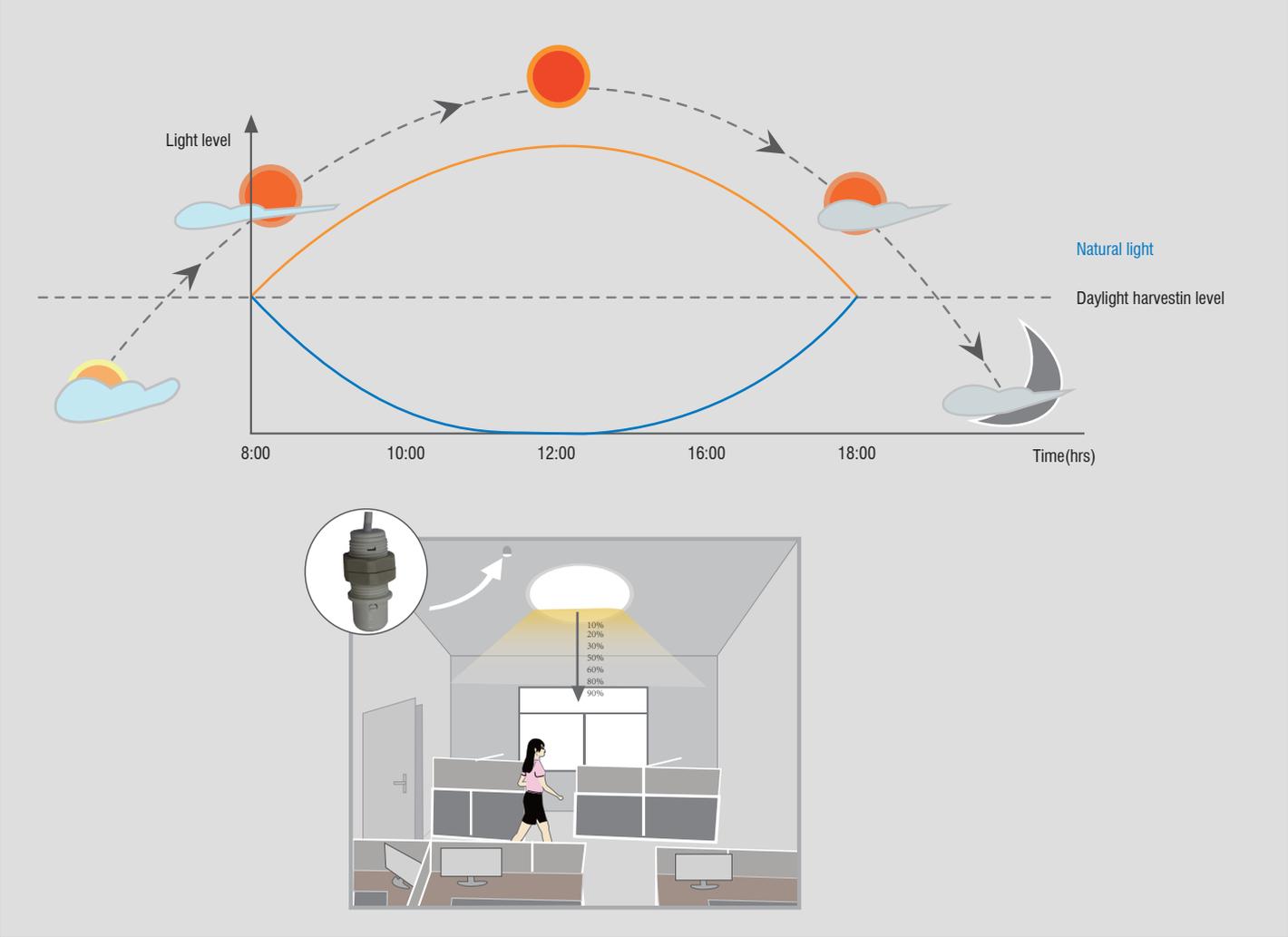


Daylight harvesting



Technical data

| | |
|-----------------------|--------------------------|
| Mauns Vlltage | 1-10V DC |
| Dimming rage | 10%-100% |
| Operating temperature | -25°C~45°C |
| Sensor anngle | 120° |
| Current sink | Max□50mA(Maximum rating) |
| Control line | red□+□white□- |
| Cable lenght | 1m |
| IP rating | IP20 |

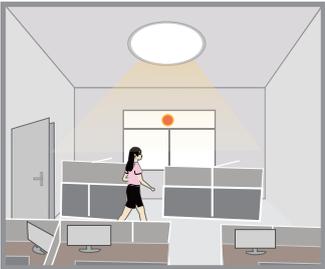


Connected to 1-10V interface, the sensor automatically compares ambient lux to preset lux value and adjusts artificial lighting to keep lighting balance.

01 Application with LED driver (Pic 1)



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 > preset lux value), light dims 10% brightness.



Switch off light manually when needed.

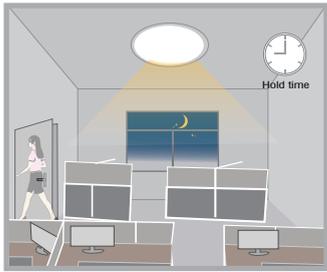
02 Application with ON/OFF sensor and LED driver (Pic 2)



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



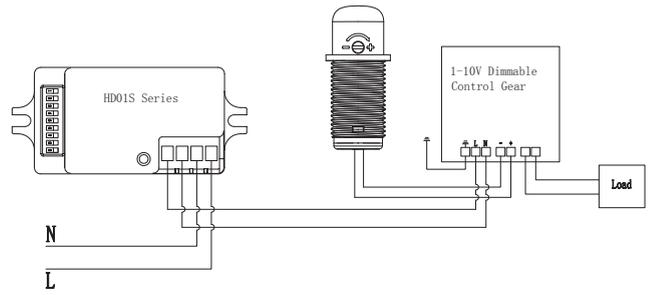
If Ambient lux < preset lux level and people walk in the detection area, lights on; if ambient lux is much less than preset lux level and people move, lights dim brighter by 1-10V dimming control to keep visual comfort.



The sensor goes to holdtime after people leave the detection area.



After holdtime, sensor automatically turns off if there's no more movement.

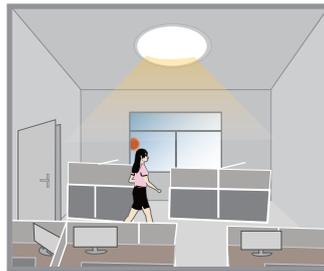


Wiring diagram (to ON/OFF sensor and LED driver) Pic 2

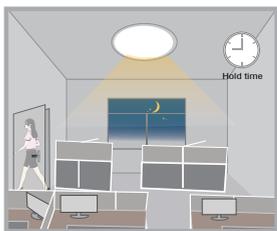
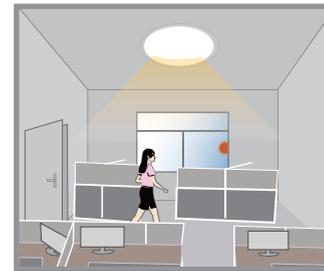
03 Dimmable sensor and LED driver (Pic 3)



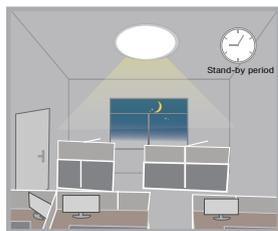
With enough ambient lux (ambient lux > preset lux value), lights don't turn on even though people move in the detection area.



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.



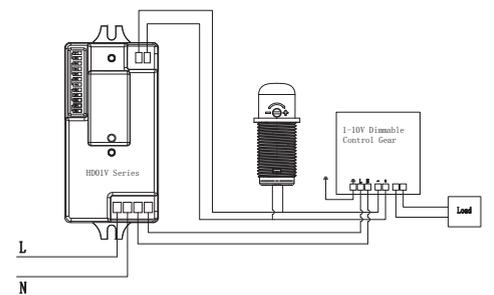
The sensor goes to holdtime after people leave the detection area.



After holdtime, 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) Pic 3