Meaningful Innovation.

WEEE Number: 80133970

INSTRUCTION MANUAL

DAYLIGHT SENSOR

TECHNICAL DATA

MODEL	VT-8059
SKU	1369
DETECTION RANGE	360°
DIMMING RANGE	1%-100%
SENSOR TYPE	Daylight Sensor
INPUT VOLTAGE	AC: 220-240V, 50Hz
POWER SOURCE	DC: 1-10V
IP RATING	IP20
BODY TYPE	PC
DIMENSION	63.5 x Ø21.2cm



05 YEAR WARRANTY*

INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instructions carefully before starting the installation and keep this manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best. The warranty is valid for 5 years from the date of purchase. The warranty does not apply to damage caused by incorrect installation or abnormal wear and tear. The company gives no warranty against damage to any surface due to incorrect removal and installation of the product. The products are suitable for 10-12 Hours Daily operation. Usage of product for 24 Hours a day would void the warranty. This product is warranted for manufacturing defects only.

WARNING

1. Please make sure to turn off the power before starting the installation.
2. Installation must be performed by a certified person.
3. For indoor use only.

This marking indicates that this product should not be disposed of with other household wastes.

Caution, risk of electric shock.

MULTI-LANGUAGE MANUAL QR CODE

Please scan the QR code to access the manual in multiple languages.

FR

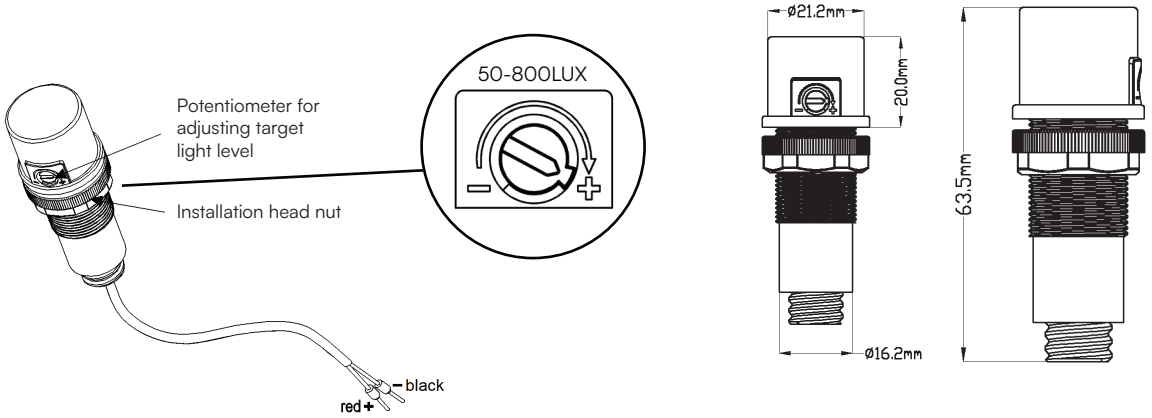
Cet appareil, ses accessoires et cordons se recyclent

À DÉPOSER EN MAGASIN ou À DÉPOSER EN DÉCHÈTERIE

Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

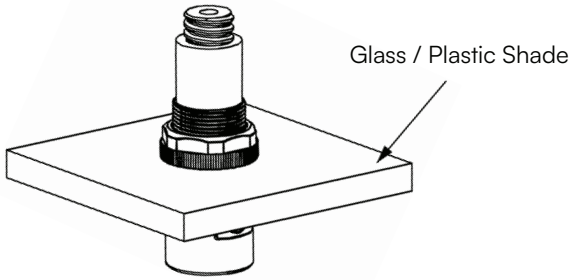
IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: SUPPORT@V-TAC.EU
FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS.
V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

PRODUCT DIAGRAM

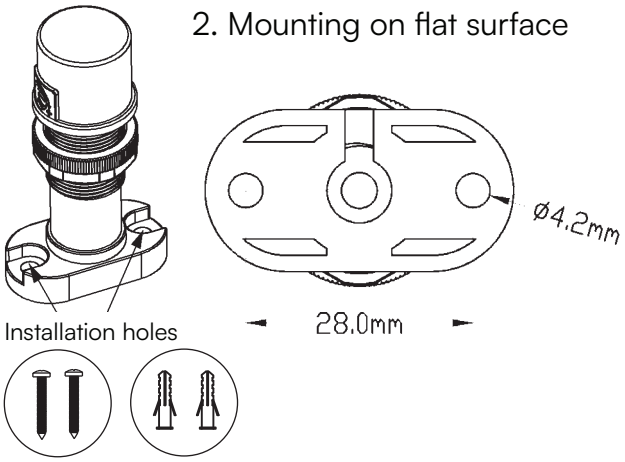


INSTALLATION METHODS

1. Mounting on glass/plastic shade

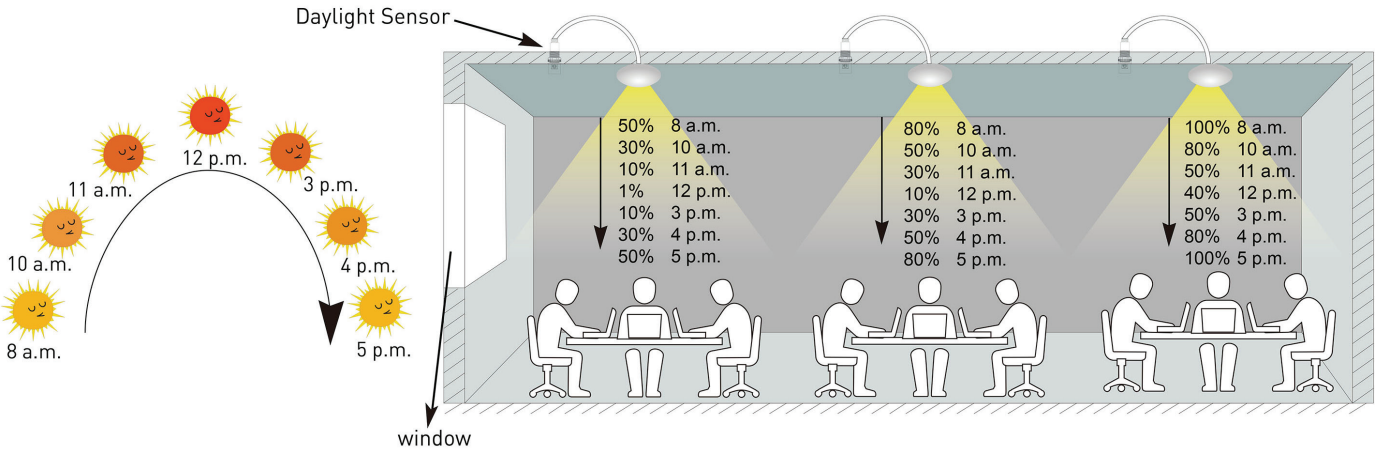


2. Mounting on flat surface



PRODUCT FUNCTIONS

- Daylight sensor can automatically dim the lighting in accordance with the available daylight.
- VT-8059 provides a simple and effective solution for daylight harvesting.
- Works with 1-10V power source, and uses photocell to measure ambient LUX level, then passes the signal to the connected LED dimmable driver to adjust the illumination level of lamps accordingly.
- When the ambient light gets brighter, the illumination will get darker.
- When daylight is insufficient, the lamp will be in 100% illumination level, and turns to 1% level when daylight is enough, then gradually back to 100% level when the ambient light gets darker.

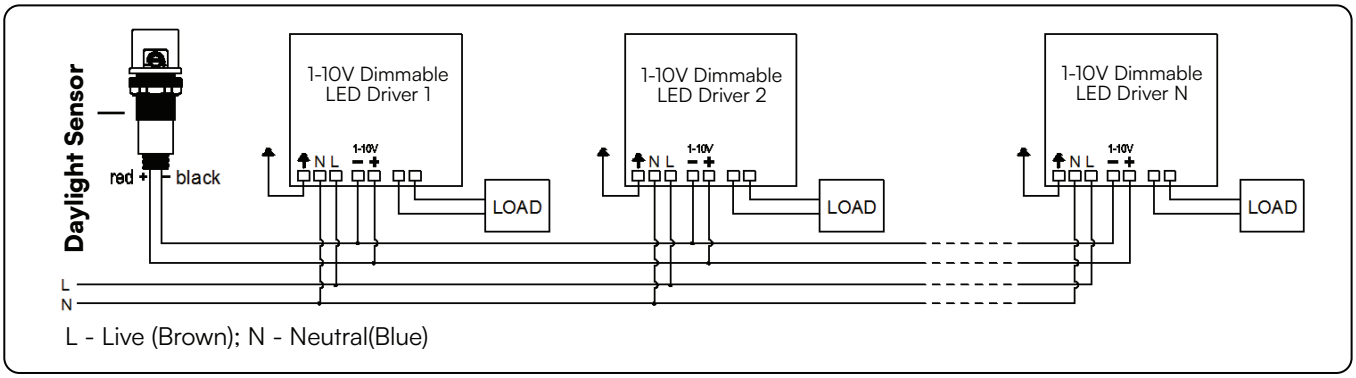


FUNCTIONALITY [with different connections]

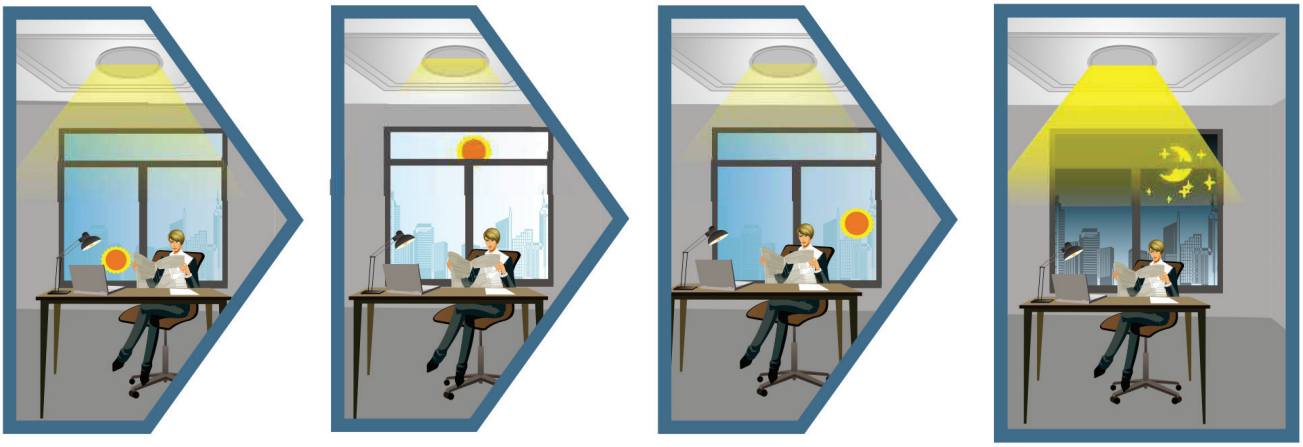
1. DAYLIGHT SENSOR

VT-8059+ 1-10V dimmable LED driver (Any brand)

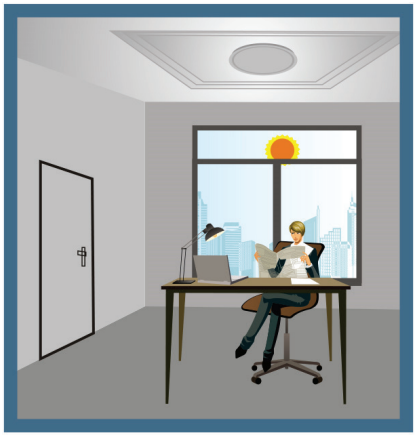
CONNECTION-WIRE DIAGRAM



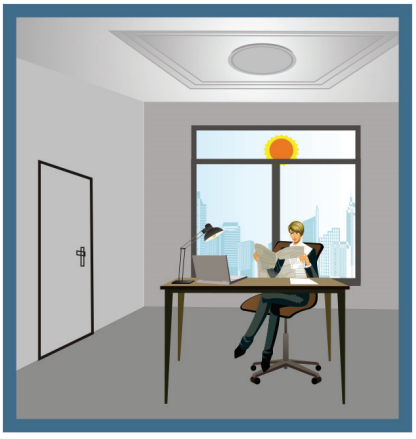
L - Live (Brown); N - Neutral(Blue)



Based on the ambient light, the lamp lights at 100% illumination or dims accordingly to maintain the preset illumination level.



The lamp dims to minimum light level, but never turns off completely when there is sufficient ambient light.

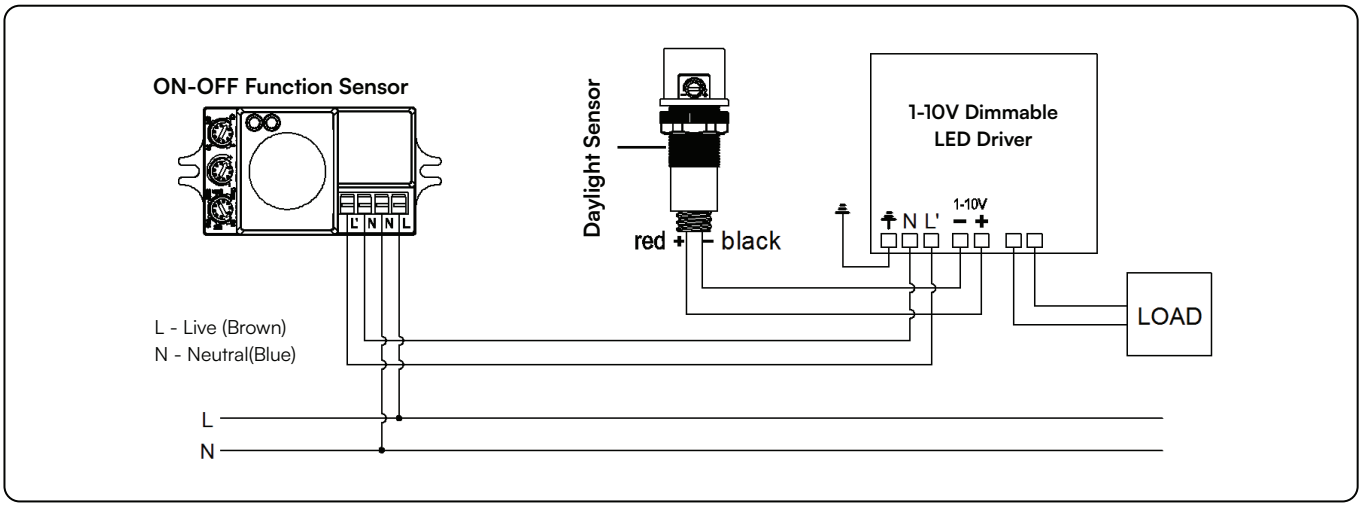


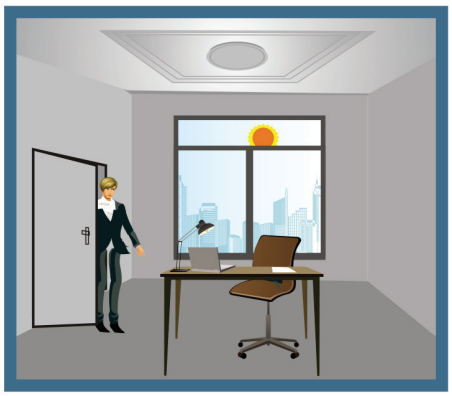
Users can switch off the lamp manually

2. ON-OFF FUNCTION SENSOR

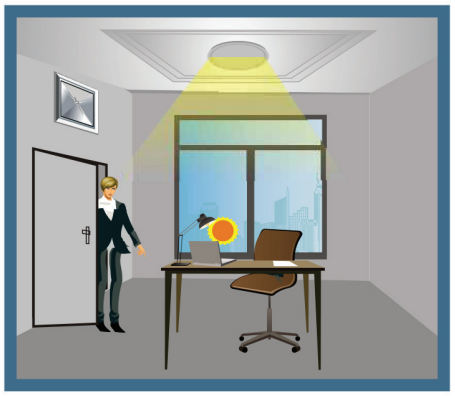
(e.g. VT-8048 ,VT-8049 ,VT-8051 ,VT-8077) + Daylight Sensor VT-8059 + 1-10V dimmable LED driver (Any brand)

CONNECTION-WIRE DIAGRAM

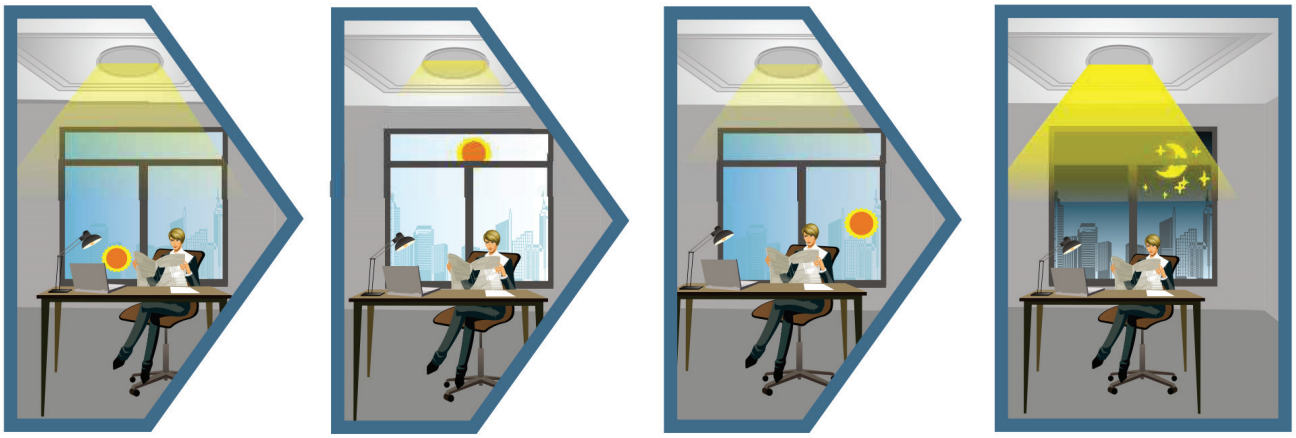




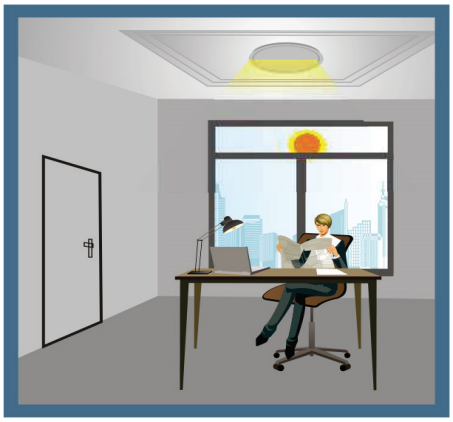
If ambient light is more than preset illumination level (set by 1-10V daylight sensor); The lamp remains off, even when motion is detected.



If ambient light is less than preset illumination level, the lamp turns on when motion is detected



Based on the ambient light, the lamp lights at 100% illumination or dims accordingly to maintain the preset illumination level.



The lamp dims to minimum light level, but never turns off completely when there is sufficient ambient light.

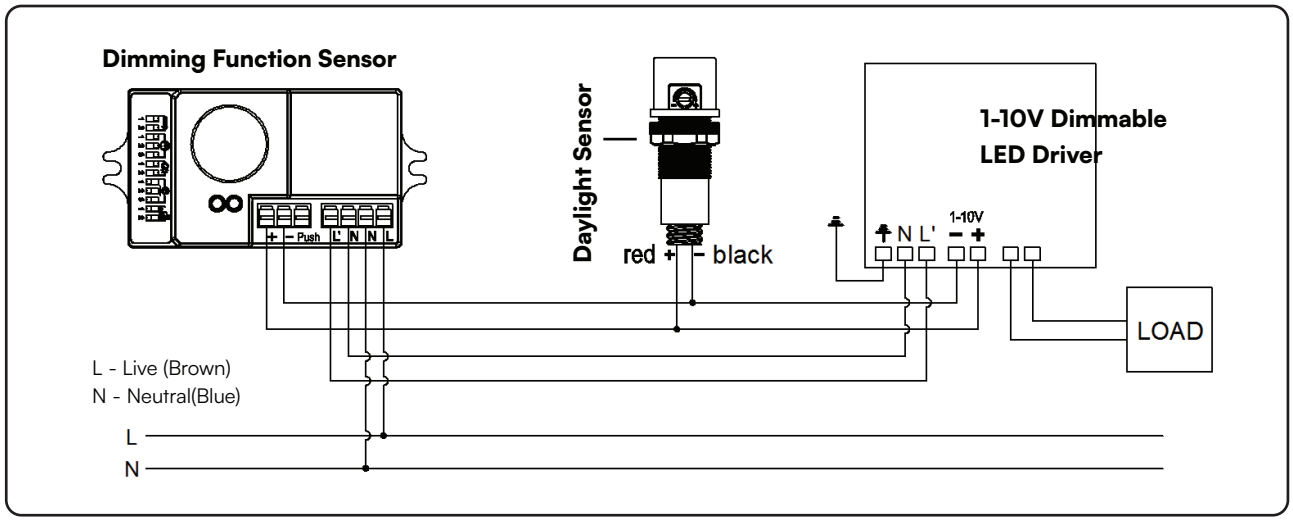


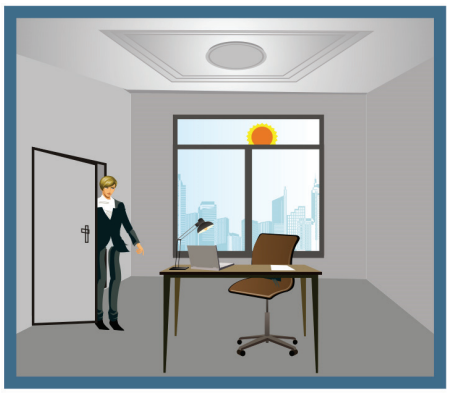
When no motion is detected, the lamp automatically turns off after hold time.

3. DIMMING FUNCTION SENSOR +DAYLIGHT SENSOR

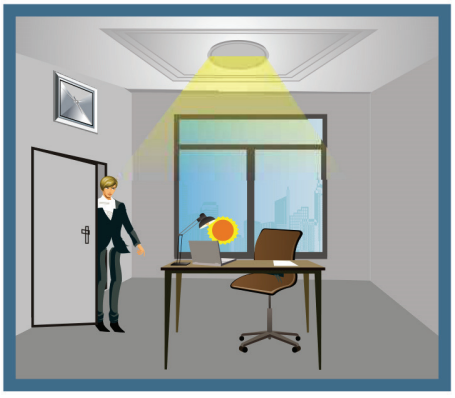
VT-8059 + 1-10V dimmable LED driver

CONNECTION-WIRE DIAGRAM

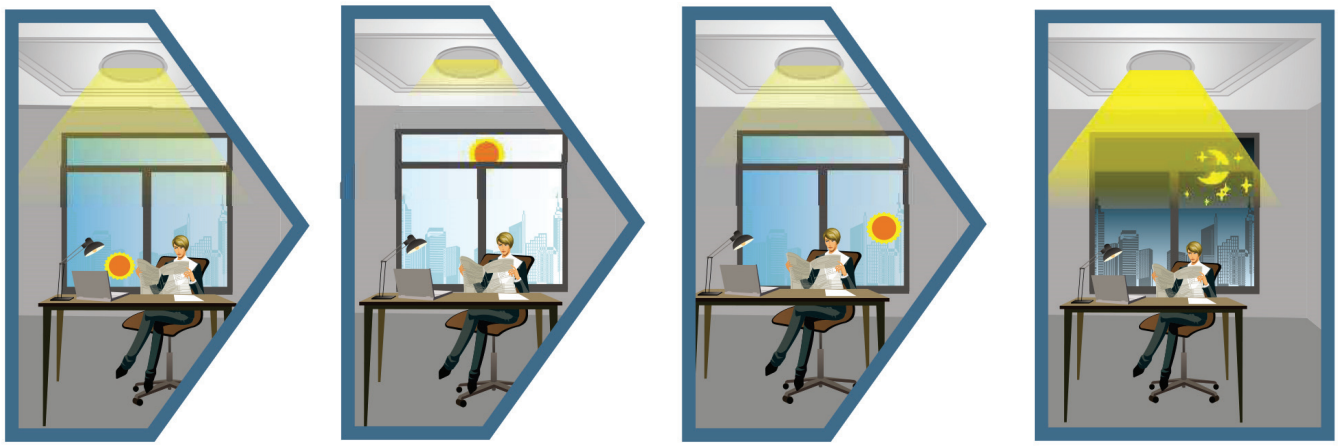




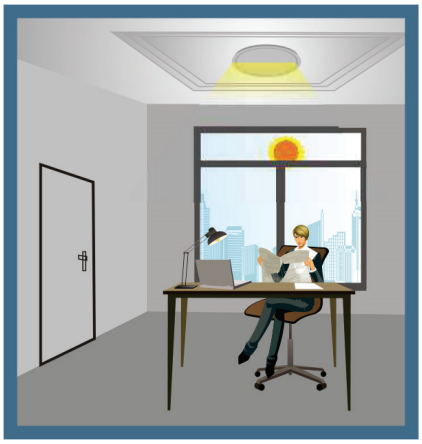
If ambient light is more than preset illumination level (set by 1-10V daylight sensor); The lamp remains off, even when motion is detected.



If ambient light is less than preset illumination level, the lamp turns on when motion is detected



Based on the ambient light, the lamp lights at 100% illumination or dims accordingly to maintain the preset illumination level.



Even with sufficient ambient light, the lamp never turns off.



With insufficient ambient light, the lamp dims to a stand-by dimming level (set in the dimming function sensor). When no motion is detected during hold time, the lamp automatically turns off after stand-by period.

RoHS CE UKCA 22 PAP

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