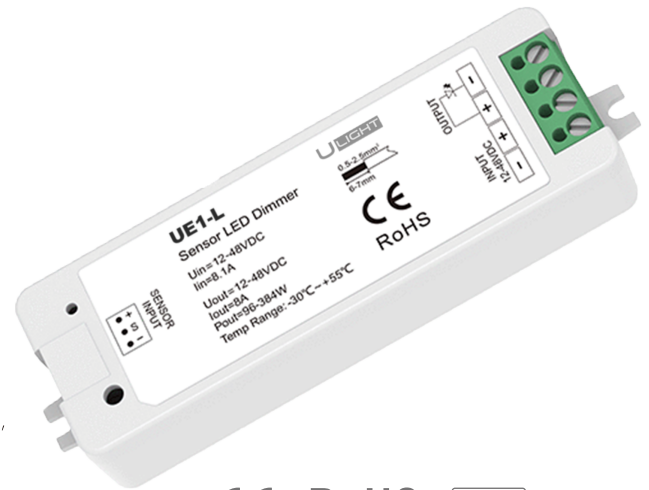


- Input connect with a variety of induction sensor head, output connected directly to the low voltage LED strip.
- Max 8A output current, max output power 384W@48V.
- PIR motion sensor: when people enter the sensitive field, the light turn on; when people exit the sensitive field, the light turn off after 30 seconds.
- Touch sensor: short touch to turn on or turn off light; long touch to dimming up or down.
- Door sensor: when the door open, or no obstacle ahead, the light turn on gradually; when the door close, or obstacle ahead, the light turn off gradually.
- Hand sweep sensor: when hand sweep, the light turn on gradually; when hand sweep again, the light turn off gradually.
- Microwave motion detector: turn on the light upon detection of motion, and turn off after a pre-selected hold time when there is no movement, without dimming, with dimming and two-step dimming function respectively.

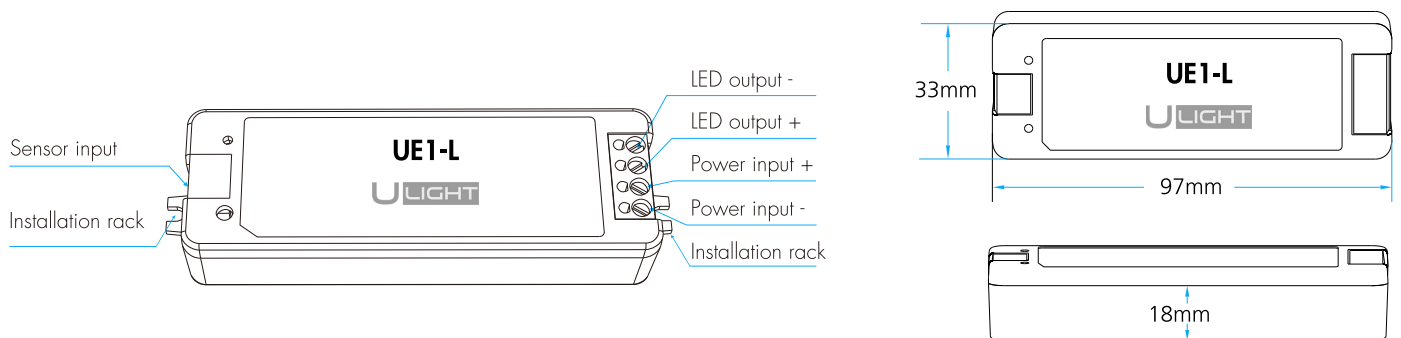


CE RoHS emc LVD

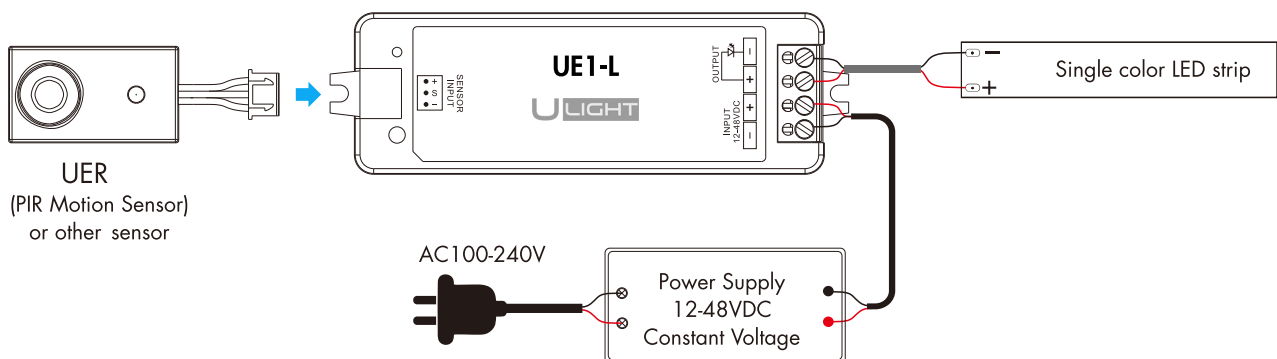
Technical Parameters

Input and Output	Safety and EMC	Environment
Input voltage: 12-48VDC	EMC standard (EMC): EN IEC 55015:2019+A11:2020, EN 61547:2009, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019	Operation temperature: Ta: -30 °C ~ +55 °C
Input current: 8.1A	Safety standard (LVD): EN 61347-1:2015+A1:2021, EN 61347-2-13:2014+A1:2017	Case temperature (Max.): Tc: +85 °C
Output voltage: 12-48VDC	Certification: CE, EMC, LVD	IP rating: IP20
Output current: 8A	Warranty: 5 years	Package: L114 x W38 x H26mm
Output power: 96W/192W/288W/384W (12V/24V/36V/48V)		Gross weight: 0.052kg
Output type: Constant voltage		


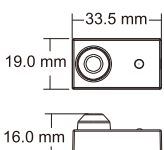

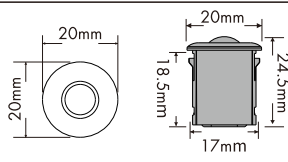

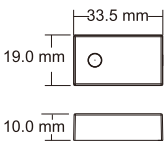

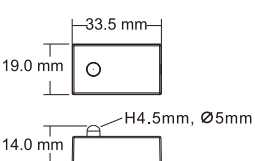

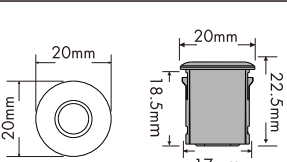

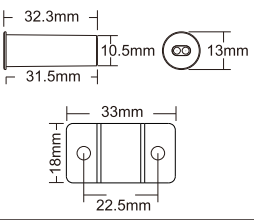

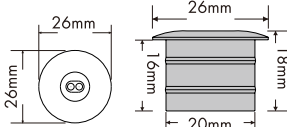

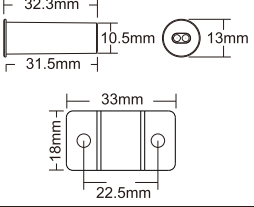

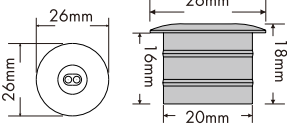

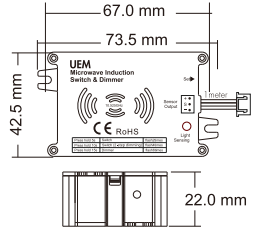
Mechanical Structures and Installations

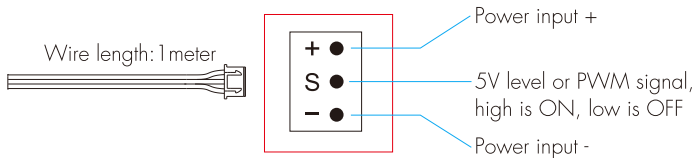


Wiring Diagram



Available sensor head

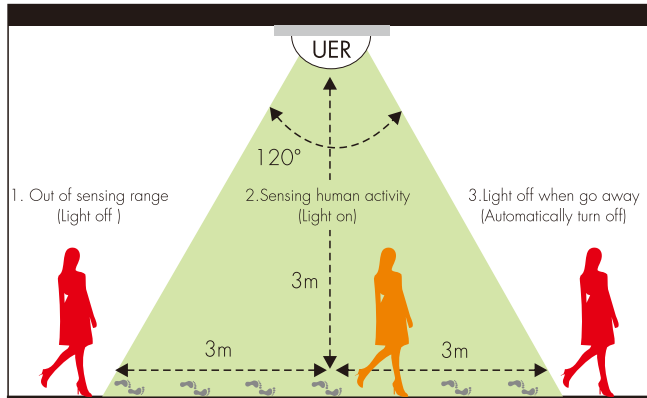
Model and Product name	Features	Product picture	Size	Sensor data
UER PIR Motion Sensor	When people enter the sensitive field, the light turn on; when these exit the sensitive field, the light turn off after 30 seconds.			Sensitive field: $\leq 3m$ Sensitivity angle: 120
UER-A PIR Motion Sensor				
UEW Wood Touch Sensor	The medium can be wood, glass or plastic. Short touch the sensing area to turn on or turn off light; long touch the sensing area to dimming up or down.			Dimming range: 0-100% PWM Frequency: 2KHz Detective distance: $\leq 5cm$
UEC Touch Sensor	Short touch the LED to turn on or turn off light; long touch the LED to dimming up or down.			Dimming range: 0-100% PWM Frequency: 128Hz
UEC-A Touch Sensor				
UED(C) Door Sensor	When the door open, or no obstacle ahead, the light turn on gradually; when the door close, or obstacle ahead, the light turn off gradually.			Sensitive field: $\leq 8cm$ Sensitive angle: 15-30
UED-C Door sensing head				
UEB(C) Hand Sweep Sensor	When the door open, or no obstacle ahead, the light turn on gradually; when the door close, or obstacle ahead, the light turn off gradually.			Sensitive field: $\leq 8cm$ Sensitive angle: 15-30
UEB-C Hand sweep sensing head				
UEM Microwave motion Sensor	Turns on the light upon detection of motion, and turns off after a pre-selected hold time when there is no movement.			Detection zone: Max.(DxH) 20x1.5m Detection angle: 150°(wall installation), 360°(ceiling installation) Hold time: 10s/30s/90s/3min 10min/20min/30min



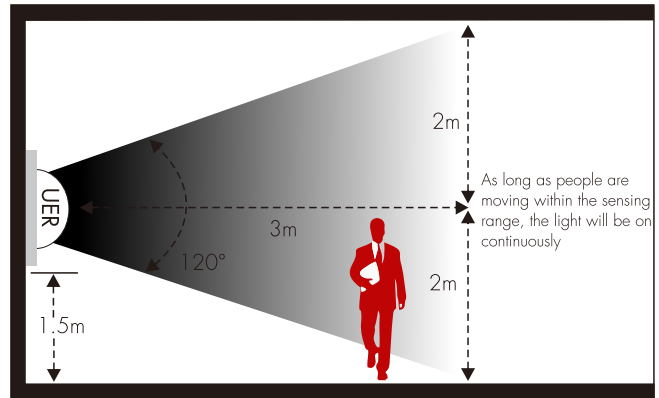
Induction sensor head installation and application

UER: PIR Motion Sensor

Ceiling mounting pattern

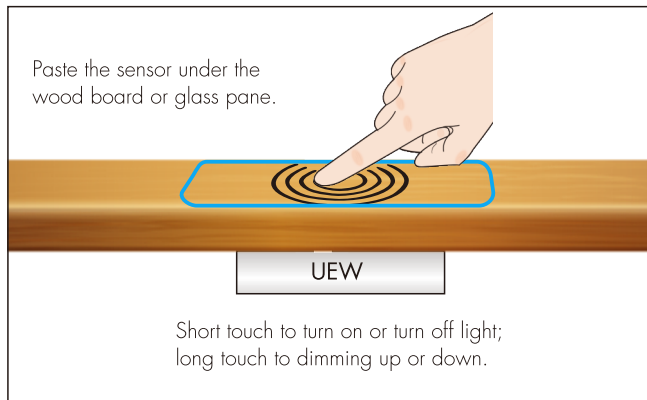


Wall mounting pattern

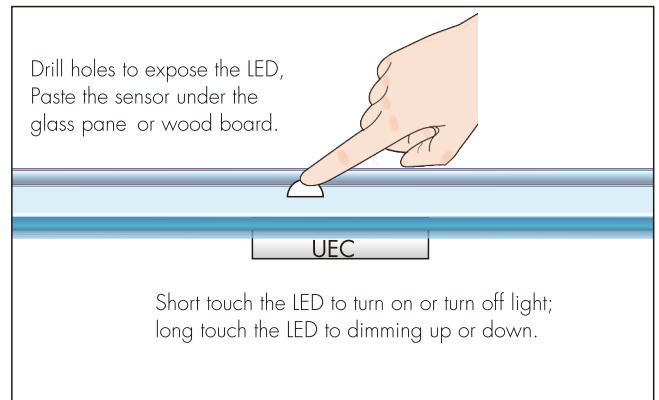


When installing, please pay attention to choosing a proper position and angle, otherwise the sensing distance will be very close or the sensing will be insensitive

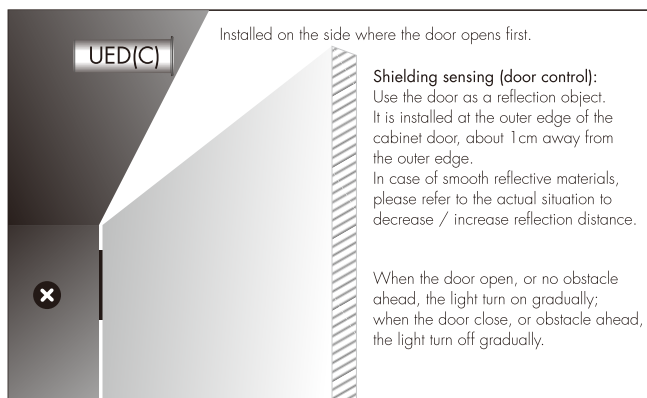
UEW: Wood Touch Sensor



UEC: Touch Sensor



UED(C): Door Sensor



UEB(C): Hand Sweep Sensor

