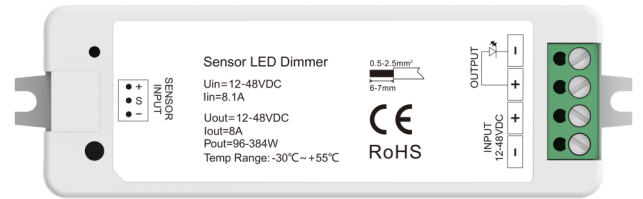


Sensor LED Dimmer

- 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.

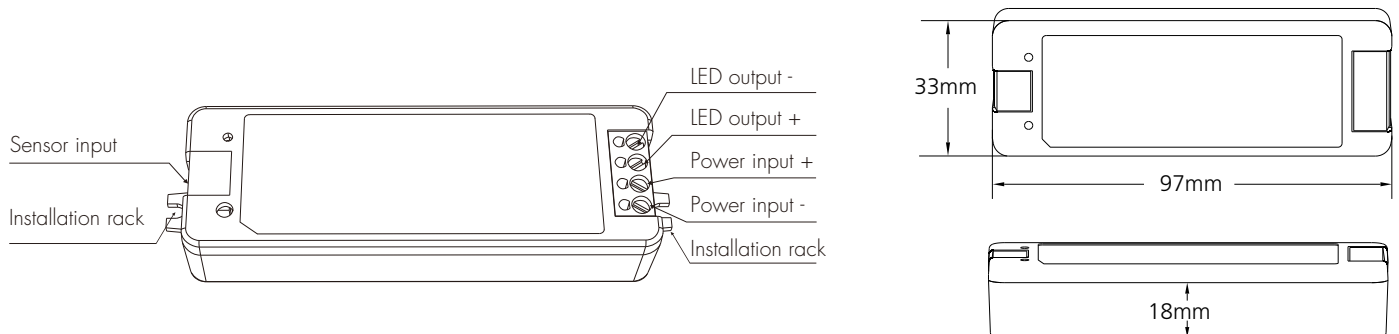


CE RoHS LVD

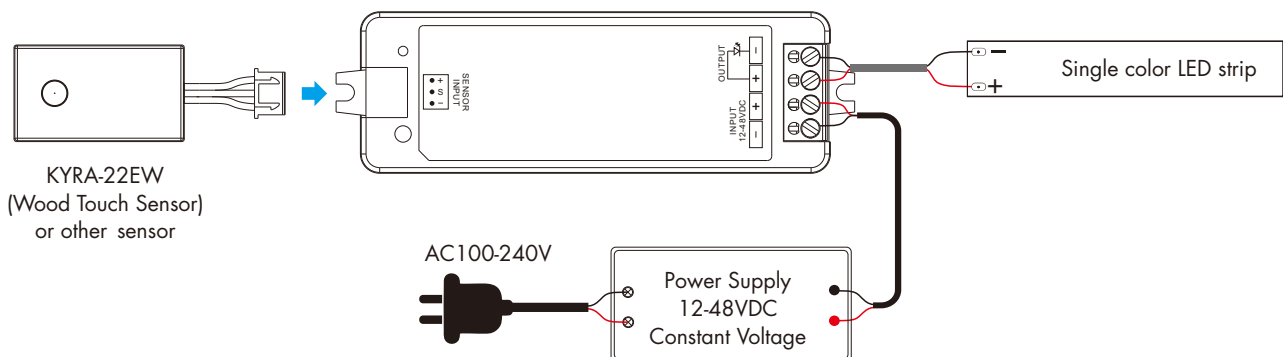
Technical Parameters

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	Warranty	5 years	
Output power	96W/192W/288W/384W (12V/24V/36V/48V)			Package	
Output type	Constant voltage			Size	L1 14 x W38 x H26mm
				Gross weight	0.052kg


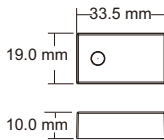

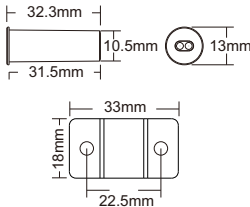

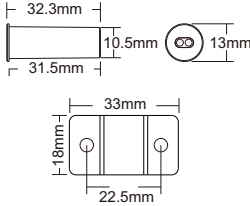
Mechanical Structures and Installations



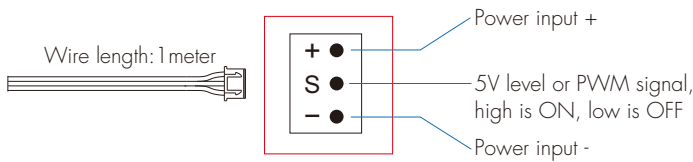
Wiring Diagram



Available sensor head

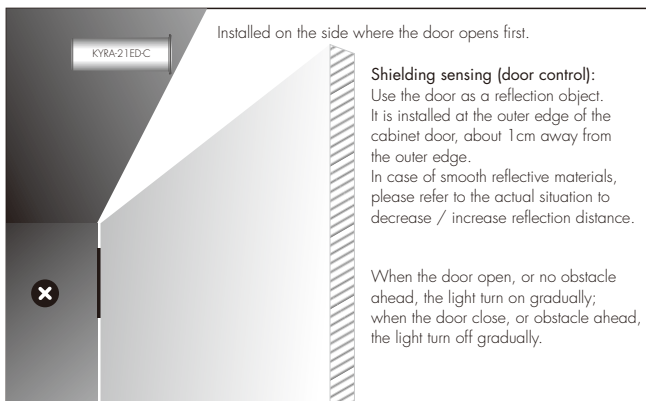
Model and Product name	Features	Product picture	Size	Sensor data
KYRA-22EW Wood Touch Sensor	The medium can be wood, glass or plastic. Short touch the sensing area to turn on or turn off light; long touch the sensing area to dimming up or down.			Dimming range: 0-100% PWM Frequency: 2KHz Detective distance: ≤5cm
KYRA-21ED-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: ≤8cm Sensitive angle: 15-30
KYRA-20EB-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: ≤8cm Sensitive angle: 15-30

Sensor wire define

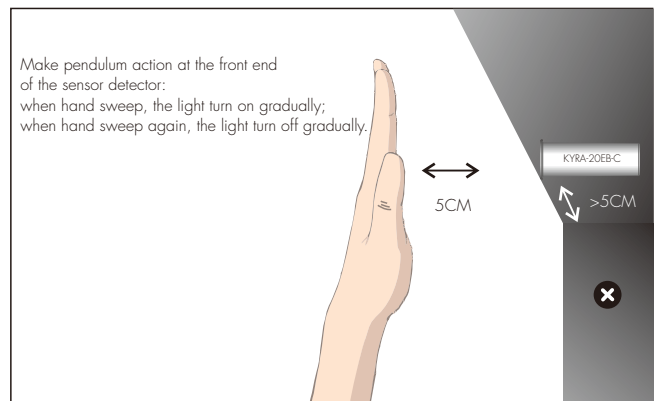


Induction sensor head installation and application

KYRA-21ED-C: Door Sensor



KYRA-20EB-C: Hand Sweep Sensor



KYRA-22EW: Wood Touch Sensor

