

SUR-C1010K – Recessed Shelf Light

Product Overview

SUR-C1010K is a solder-free recessed shelf light for cabinet and display lighting. It is made of 6063-T5 aluminum with an anodized brushed finish for durability and heat dissipation. The LOTTE optical-grade PC diffuser ensures uniform, glare-free lighting. Equipped with FPC 2025-125D LEDs with PPA anti-break structure, it provides stable performance and reliable illumination.

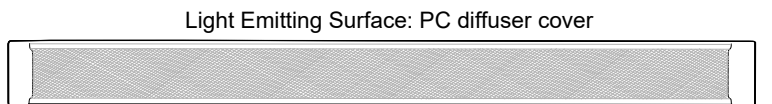
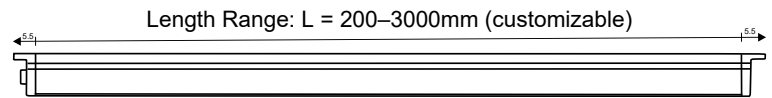
Basic Parameters

- **Light Body Power:** 7W/M
- **Input Voltage:** 12V DC
- **LED Type:** 2025 SMD, 125 LEDs/M, 6.6mm pitch, soft copper bracket
- **CCT Options:** 3000K / 3500K / 4000K / 6500K
- **Luminous Flux:** Varies depending on CCT
- **CRI:** Ra ≥ 80
- **LED Lifespan:** 20,000 hours
- **Warranty:** 3 Years



Control & Installation

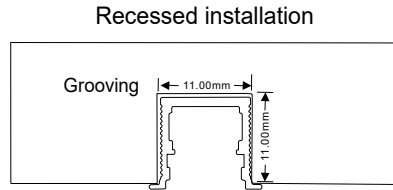
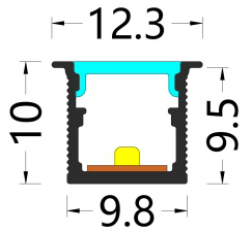
- **Switching Method:** External wall switch
- **Control Mode:** Independent external 12V controller
- **Conductive Method:** Plug-in conductive terminal contacts
- **Cutting:** Freely cuttable to custom lengths
- **Input Cable:** 2M cold-resistant PC-coated Dupont wire
- **Installation:** Recessed mounting



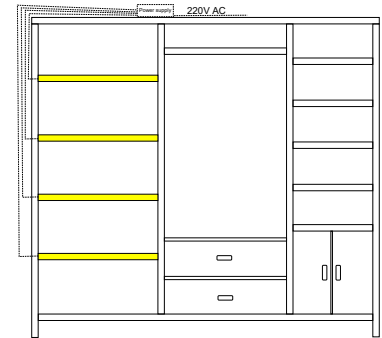
Technical Specifications

Model	SUR-C1010K			
LED Type	2025 SMD, 125 LEDs/M, 6.6mm pitch			
Power (W/M)	7W/M			
Input Voltage	12VDC			
Color Temperature	3000K	3500K	4000K	6500K
Lumen	233lm	239lm	245lm	239lm
CRI	80			
LED Quantity	125 LEDs/M			

Installation



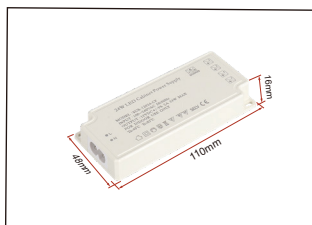
Wiring connection diagram



Application

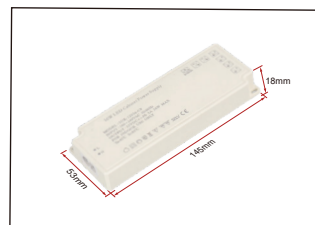


Driver & Controller (Optional, purchase for extra)



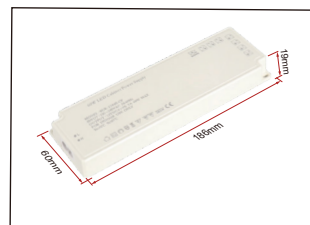
Model: SUR-12024-CP

- DC Voltage: 12VDC
- Rated Current: 2A
- Rated Power: 24W max
- Voltage Range: 100-240VAC
- Frequency Rang: 50-60HZ
- This Power supply is with 4 outlets for 12vdc ledlight, and 1 outlet for sensor switch.



Model: SUR-12036-CP

- DC Voltage: 12VDC
- Rated Current: 3A
- Rated Power: 36W max
- Voltage Range: 100-240VAC
- Frequency Rang: 50-60HZ
- This Power supply is with 6 outlets for 12vdc ledlight, and 1 outlet for sensor switch.



Model: SUR-12060-CP

- DC Voltage: 12VDC
- Rated Current: 5A
- Rated Power: 60W max
- Voltage Range: 100-240VAC
- Frequency Rang: 50-60HZ
- This Power supply is with 7 outlets for 12vdc ledlight, and 1 outlet for sensor switch.



Model: SUR-120100-CP

- DC Voltage: 12VDC
- Rated Current: 8.33A
- Rated Power: 100W max
- Voltage Range: 100-240VAC
- Frequency Rang: 50-60HZ
- This Power supply is with 9 outlets for 12vdc ledlight, and 1 outlet for sensor switch.