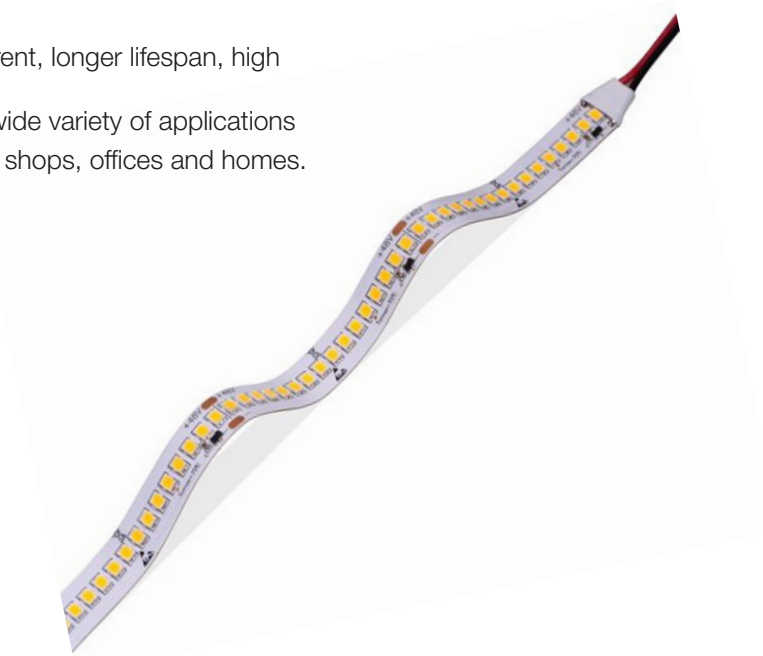


LUMISTRIP

LS200 Interior 48v LED Strip

LumiStrip current controlled LED strip features regulated current, longer lifespan, high efficacy & high CRI.
Designed to provide flexible, high quality linear lighting for a wide variety of applications including cove lighting, indirect lighting in hotels, restaurants, shops, offices and homes.



Features

- Current controlled
- Over temperature protection
- High efficacy up to 119Lm/w
- High LED density 224LEDs/m
- Longer continuous offering lower install costs
- CRI >97
- 5 year warranty
- Dimmable by PWM (pulse width modulation)

Dimensions



Electrical and light technical data

| | | | | | | | | |
|----------------------|--|-----|-------|-------|-------|-------|-------------------|----------------|
| Normal input voltage | 48VDC | | | | | | Voltage range | 44-52V DC |
| LED types | Epistar 2835 | | | | | | Product dimension | W12*H2mm |
| LED QTY/m | 224 | | | | | | PCB | 3oz copper |
| Wattage/m | 3.6w | 10w | 13.4w | 16.8w | 20.2w | 26.8w | Cut length | 71.42mm |
| Binning tolerance | SDCM≤3 | | | | | | Beam angle | 120° |
| CRI | >97 | | | | | | IP rating | IP20 |
| TM30 | Rf=95, Rg=103 | | | | | | Bend radius | R=50mm |
| Dimming | Dimmable by PWM | | | | | | Installation | 300LSE 3M tape |
| Connection | 0.5mm ² red/black 2 core tail | | | | | | | |

Temperature Data

| | | | |
|----------------------|------------|--------------------|-------------------------|
| Operating Temp. (Tc) | -25 - 70°C | Storage Temp. (TS) | -30 - 80°C |
| Ambient Temp. (Ta) | -25 - 45°C | Lumen Maintenance | L70 @ 50,000Hrs @ 25° C |

Product Details

| Power series | Product model | Watts/m | CCT | Lm/m | Efficacy | CRI (RA) | Max run | Warranty |
|--------------|---------------|---------|-------|--------|----------|----------|---------|----------|
| 3.6W | LS200-27K-3W | 3.6W | 2700K | 356Lm | 101Lm/w | 97 | 40m | 5 years |
| | LS200-3K-3W | | 3000K | 370Lm | 105Lm/w | | | 5 years |
| | LS200-4K-3W | | 4000K | 409Lm | 116Lm/w | | | 5 years |
| | LS200-55K-3W | | 5500K | 446Lm | 127Lm/w | | | 5 years |
| 10W | LS200-27K-10W | 10W | 2700K | 1068Lm | 105Lm/w | | 25m | 5 years |
| | LS200-3K-10W | | 3000K | 1094Lm | 106Lm/w | | | 5 years |
| | LS200-4K-10W | | 4000K | 1099Lm | 108Lm/w | | | 5 years |
| | LS200-55K-10W | | 5500K | 1150Lm | 112Lm/w | | | 5 years |
| 13.4W | LS200-27K-13W | 13.4W | 2700K | 1421Lm | 103Lm/w | | 20m | 5 years |
| | LS200-3K-13W | | 3000K | 1402Lm | 105Lm/w | | | 5 years |
| | LS200-4K-13W | | 4000K | 1461Lm | 106Lm/w | | | 5 years |
| | LS200-55K-13W | | 5500K | 1547Lm | 112Lm/w | | | 5 years |
| 16.8W | LS200-27K-16W | 16.8W | 2700K | 1770Lm | 103Lm/w | | 16m | 5 years |
| | LS200-3K-16W | | 3000K | 1812Lm | 104Lm/w | | | 5 years |
| | LS200-4K-16W | | 4000K | 1815Lm | 105Lm/w | | | 5 years |
| | LS200-55K-16W | | 5500K | 1952Lm | 113Lm/w | | | 5 years |
| 20.2W | LS200-27K-20W | 20.2W | 2700K | 2056Lm | 102Lm/w | | 12m | 5 years |
| | LS200-3K-20W | | 3000K | 2006Lm | 99Lm/w | | | 5 years |
| | LS200-4K-20W | | 4000K | 2093Lm | 104Lm/w | | | 5 years |
| | LS200-55K-20W | | 5500K | 2298Lm | 113Lm/w | | | 5 years |
| 26.8W | LS200-27K-26W | 26.8W | 2700K | 2652Lm | 100Lm/w | | 5m | 5 years |
| | LS200-3K-26W | | 3000K | 2960Lm | 112Lm/w | | | 5 years |
| | LS200-4K-26W | | 4000K | 2748Lm | 104Lm/w | | | 5 years |
| | LS200-55K-26W | | 5500K | 2981Lm | 113Lm/w | | | 5 years |

Note

- Life span may vary according to environmental conditions
- Max run when feed from one end, longer runs by feeding each max length separately

While every effort has been made to ensure the accuracy of all information provided Task Lighting can not be held responsible for any errors.
Task Lighting also reserves the right to modify/delete product details without notice.