

LUMISTRIP

LS200 IP67 48v LED Strip

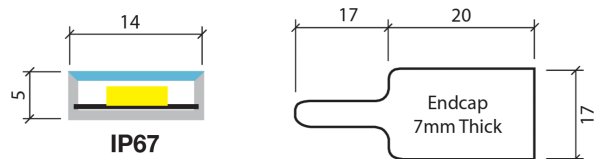


LumiStrip current controlled LED strip features regulated current, longer lifespan, high efficacy & high CRI. Designed to provide flexible, high quality linear lighting for a wide variety of applications including cove lighting, indirect lighting in hotels, restaurants, shops, offices and homes.

Features

- Current controlled
- IP67 protection
- Over temperature protection
- High efficacy up to 119Lm/w
- High LED density 224LEDs/m
- Longer continuous offering lower install costs
- High CRI up to Ra98.1 with high R9 & R12 values
- 5 to 7 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	2835 SMD / Epistar chip						Product dimension	W14*H5mm
LED QTY/m	224pcs						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	Up to Ra+98, Up to R9+97, Up to R12+88						IP rating	IP67
TM30	Rf=95, Rg=103						Bend radius	R=50mm
Dimming	Dimmable by PWM						Installation	300LSE 3M tape
Connection	5 x 0.5MM2 20AWG wire							

Temperature Data

Operating Temp. (Tc)	-25 - 70°C	Storage Temp. (TS)	-30 - 80°C
Ambient Temp. (Ta)	-25 - 45°C	Lifespan	Expected life 50,000Hrs @ 25degC *

Product Details

Power series	Product model	Wattage (metre)	CCT	Lumens (metre)	Efficacy	CRI (RA)	Max run	Binning	Warranty
3.6W	LS200E-27K-3W	3.6W	2700K	356Lm	101Lm/w	96.7	40m	SDCM≤3	7years
	LS200E-3K-3W	3.6W	3000K	370Lm	105Lm/w	96.9	40m	SDCM≤3	7years
	LS200E-4K-3W	3.6W	4000K	409Lm	116Lm/w	95.3	40m	SDCM≤3	7years
	LS200E-55K-3W	3.6W	5500K	446Lm	127Lm/w	97.4	40m	SDCM≤4	7years
10W	LS200E-27K-10W	10W	2700K	1068Lm	105Lm/w	98.2	25m	SDCM≤3	7years
	LS200E-3K-10W	10W	3000K	1094Lm	106Lm/w	95.7	25m	SDCM≤3	7years
	LS200E-4K-10W	10W	4000K	1099Lm	108Lm/w	96.5	25m	SDCM≤3	7years
	LS200E-55K-10W	10W	5500K	1150Lm	112Lm/w	96.6	25m	SDCM≤4	7years
13.4W	LS200E-27K-13W	13.4W	2700K	1421Lm	103Lm/w	98.1	20m	SDCM≤3	7years
	LS200E-3K-13W	13.4W	3000K	1402Lm	105Lm/w	96.1	20m	SDCM≤3	7years
	LS200E-4K-13W	13.4W	4000K	1461Lm	106Lm/w	96.8	20m	SDCM≤3	7years
	LS200E-55K-13W	13.4W	5500K	1547Lm	112Lm/w	96.8	20m	SDCM≤4	7years
16.8W	LS200E-27K-16W	16.8W	2700K	1770Lm	103Lm/w	98.0	16m	SDCM≤3	7years
	LS200E-3K-16W	16.8W	3000K	1812Lm	104Lm/w	96.4	16m	SDCM≤3	7years
	LS200E-4K-16W	16.8W	4000K	1815Lm	105Lm/w	97.1	16m	SDCM≤3	7years
	LS200E-55K-16W	16.8W	5500K	1952Lm	113Lm/w	96.8	16m	SDCM≤4	7years
20.2W	LS200E-27K-20W	20.2W	2700K	2056Lm	102Lm/w	97.9	12m	SDCM≤3	7years
	LS200E-3K-20W	20.2W	3000K	2006Lm	99Lm/w	98.1	12m	SDCM≤3	7years
	LS200E-4K-20W	20.2W	4000K	2093Lm	104Lm/w	97.3	12m	SDCM≤3	7years
	LS200E-55K-20W	20.2W	5500K	2298Lm	113Lm/w	97.1	12m	SDCM≤4	7years

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.