

Technical data

CODE:

51662/ 516625/ 51663

PRODUCT:

LED STRIPS

NOTE:

TECHNICAL DATA

IMAGE:**LAST UPDATE:**

3/2022

LED STRIPS

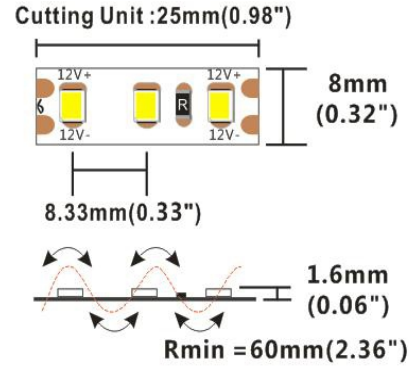
CE	RoHS	DC 12V	9,6 W	120 LEDs	8 mm	5 years	65 IP
-----------	-------------	---------------	--------------	-----------------	-------------	----------------	--------------



Model 51662/ 516625/ 51663

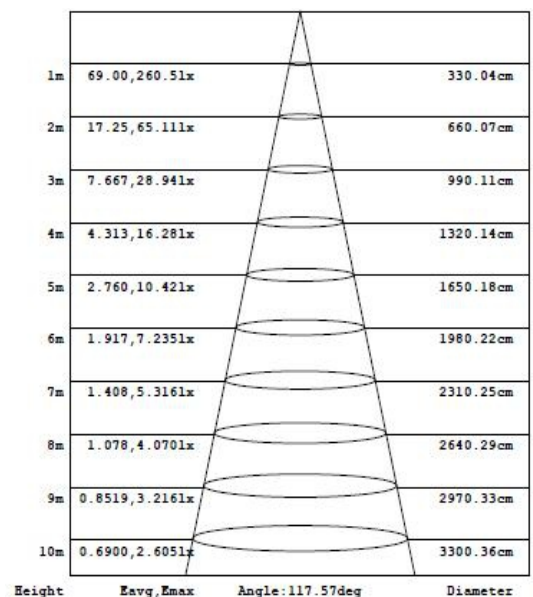
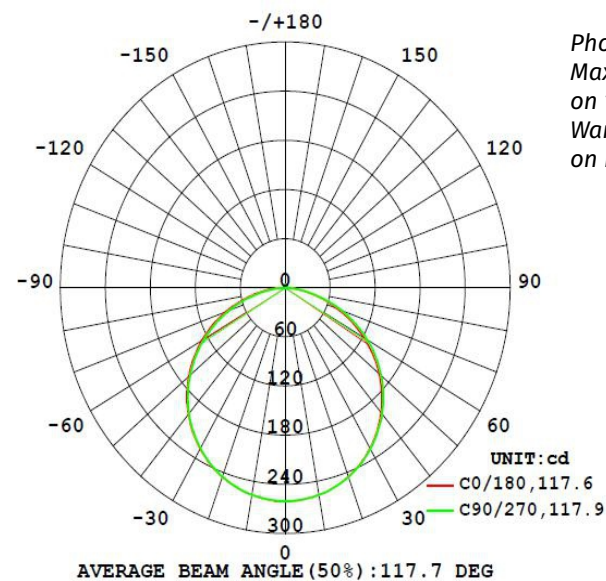
General description:

- Self-encapsulated design offers eight optional
- 1900-6000K white lights
- High quality PFC, high thermal 3M adhesive
- With life span over 60000H
- Ta: -25 ~ 40°C; Tc: 75°C (max)



Model	51662	516625	51663
Input voltage	DC 12 V	DC 12 V	DC 12 V
Typical Power	8,4 W (1 m) / 33,6 W (5 m)	8,4 W (1 m) / 33,6 W (5 m)	8,4 W (1 m) / 33,6 W (5 m)
Max. power	9,6 W	9,6 W	9,6 W
Power range	7,5 ~ 9,6 W	7,5 ~ 9,6 W	7,5 ~ 9,6 W
Rated current	0,7 A (1 m) / 2,8 A (5 m)	0,7 A (1 m) / 2,8 A (5 m)	0,7 A (1 m) / 2,8 A (5 m)
Color	NW	NW	W
CCT	4 000 K	4 000 K	6 000 K
Lumen (lm)	820	820	790
lm/W	98	98	94
Energy efficiency class	G	G	G
CRI	Ra>90	Ra>90	Ra>90
ON-off times	10 000 (test times)	10 000 (test times)	10 000 (test times)
Copper foil	3 oz	3 oz	3 oz
Max. length	6 m	5 m	5 m
Cutting unit	3 LEDs / 25 mm	3 LEDs / 25 mm	3 LEDs / 25 mm
LED pitch	8,33 mm	8,33 mm	8,33 mm
Min.bend diameter	Ø 60 mm	Ø 60 mm	Ø 60 mm
Mounting	3M tape	3M tape	3M tape
IP	65	65	65
Warranty	5 years	5 years	5 years

The tolerance of output data can be vary up to 15%.
The output data tested according to IES TM-30-15.



Precaution:

- Please drive the led strip with 12VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
- Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.
- Do not fold it in case any damage of LED beads.
- Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.
- Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.
- LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -25°C ~ 40°C. Storage temperature: 0°C ~ 60°C. Please use the strips without waterproof within indoor environment with humidity less than 70%.
- Please be careful during operation. Do not touch the AC power supply in case of electric shock.
- Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
- Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).

