

LED FLEX 5600K

LL code: 83063

1

Basic description LEDFLEX 5600K



1.1

Application

Ideal for applications like:

- concealed and cove lighting
- edge lighting and contour marking
- back lighting for signage
- path and walkway lighting
- architectural decorative lighting

1.2

Specifications

Comes on roll with 5m as standard packing length (100 units of 50mm)

Voltage	24VDC
Max.current/m:	0,68A
Max. power/m:	16,27W/m
LED quantity:	120pcs/m
LED pitch:	8,35mm
Cutable every:	50mm or 6 LEDs
IP20	

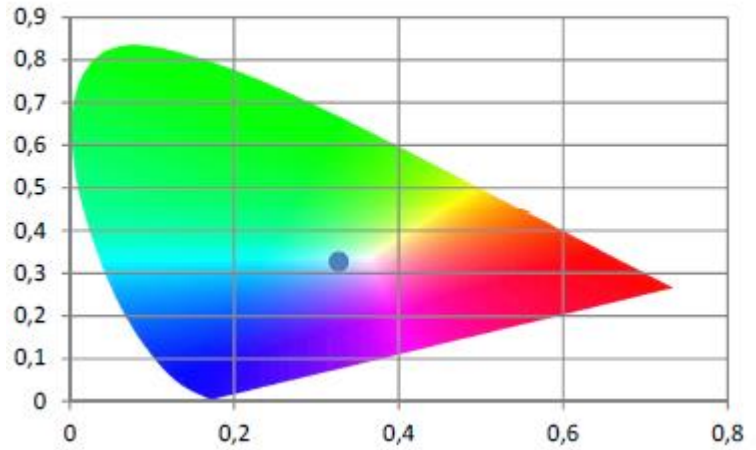


1.3

LEDs

Lumen: 1325 lm/m
Efficiency: 81,43 lm/W
Light color: 5760 K

CIE

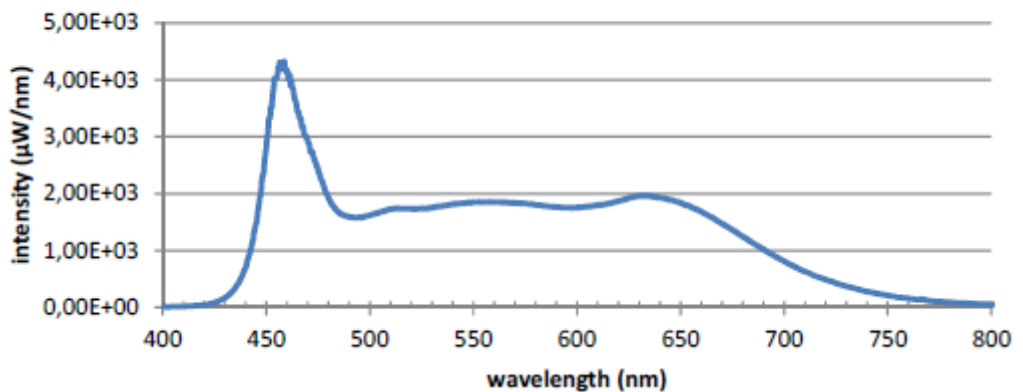


CRI: 90,4

CRI R1	90,3
CRI R2	90,5
CRI R3	94,6
CRI R4	89,9
CRI R5	90,0
CRI R6	89,0
CRI R7	89,9
CRI R8	88,8
CRI R9	69,9
CRI R10	82,6
CRI R11	93,9
CRI R12	69,7
CRI R13	89,7
CRI R14	97,8
CRI R15	85,3

Spectrum:

spectrum



1.4

Assembly

The mounting of the strip can be done with the double-sided adhesive on the back of the strip. The mounting surface must be clean and dry, free of oils, silicone coatings and dirt particles and must be heat conducting. We recommend on aluminum profile as carrier.

When mounting on metallic or electric conductive surfaces, there needs to be an electrical isolation between the strip and the mounting surface at the beginning and the end.

Once the strip is appropriately positioned. Press gently on the strip with about 20N/cm² (refer to application techniques of 3M adhesive transfer tapes).

The strip itself and all its components may not be mechanically stressed. Assembly must not damage conducting paths on the circuit boards.

Bending the strip over small radius should be avoided to avoid damage.

The smallest unit (6 LEDs/50mm) can be removed by cutting between the indicated solder pads there where scissors are printed.

The maximum length in single feed from one side is 5m.

To define maximum length on LL driver cards, refer to the table on the website www.lux-lumen.com.

Please ensure that the power supply is adapted to operate the total load.

1.5

Connections

Solder connection should only be performed on designated solder pads (marked "+/-"). Correct electrical polarity needs to be observed. Wrong polarity may destroy the strip. During soldering, don't exceed the maximum soldering time of 10 seconds and the maximum soldering temperature of 260 C°.

1.6

Dimensions

Supplied LEDstrip: +/- 5000mm x 10mm
Separate Unit: +/- 50mm x 10mm
Height LEDstrip: +/- 1,5mm