



LED flex LONG 50M is equipped with an internal current regulator on each section. This makes it possible to feed the LED flex on only one side without a difference in light intensity over the entire length. Equipped with 84 LEDs type SMD2835 per meter, connection voltage 48VDC, can be shortened every 16,6 cm. Suitable for outdoor applications IP67. Color rendering CRI82, light beam 120°. Lifespan 50.000h L80B20. Maximum 50m with power supply on one side. Equipped with a pre-soldered connection cable of 30 cm on both sides. Delivered including 20 end caps with cable entry, 20 end caps without cable entry and a tube of silicone. In case of 48VDC maximum 60W per channel = 240W in total.



IP67



IK0



120



5 YEARS



up to 116



50.000  
L80B20



82



2700



PWM



SMD2835



NEE

### Technical specifications

Reference	50M-48V-IP67-2700
EAN code	5420076248406
ETIM code	EC002706

### Electrical specifications

LED power (W)	4,3
Input voltage (Vac)	48V
Frequency (Hz)	DC
Dimmable	PWM
Connection cable	0,3m
Energie class	E

### Dimensions and material properties

Dimensions (LxWxH)	50000x11x4mm
Buigradius (mm)	60
Kleinste sectie (mm)	166,66
Weight (kg)	0,7
Color	white
Working temp. (°C)	-20~+45
IP value	IP67
N° in masterbox	1
N° on pallet	0
MOQ	1

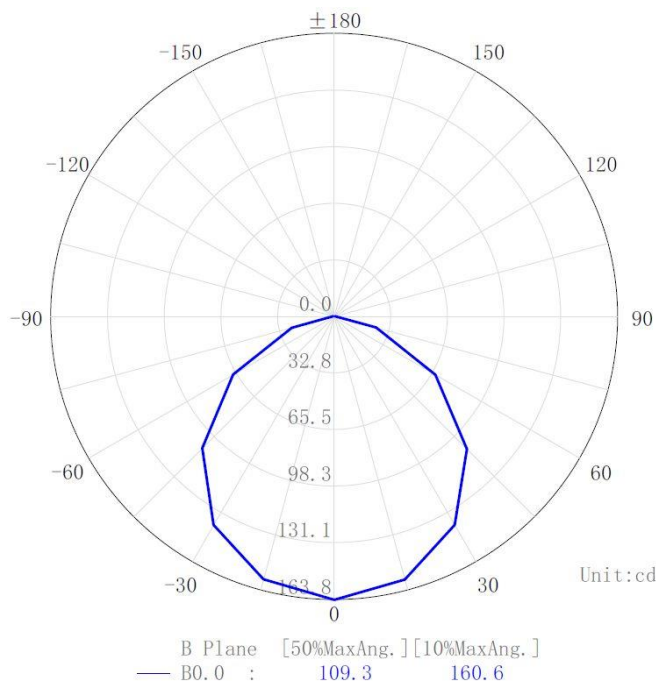
### Warranty and certification

Lifetime (h)	50.000 L80B20
Warranty (years)	5
ENEC approved	no

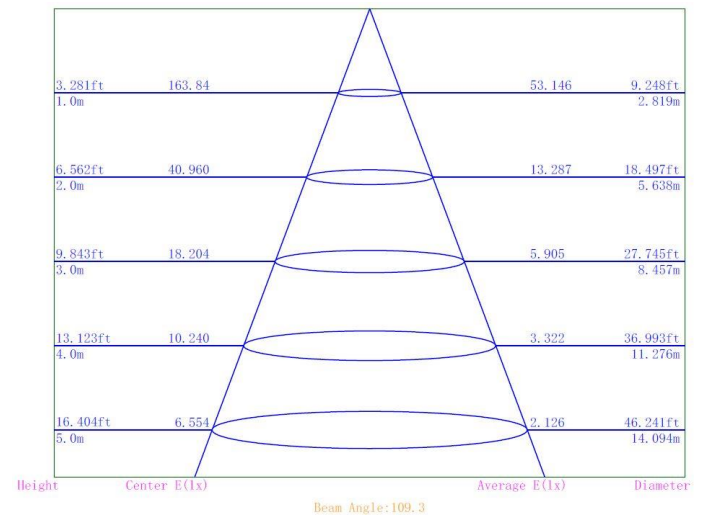
### Photometric specifications

Light angle (°)	120
Color temperature (K)	2700
CRI	82
SDCM	<3
Lumen output (Lm)	440
Lm/W	116
Flux code	48 81 96 100 103
Ledchip	SMD2835
Led manufacturer	Refond
N° of LEDs/m	84

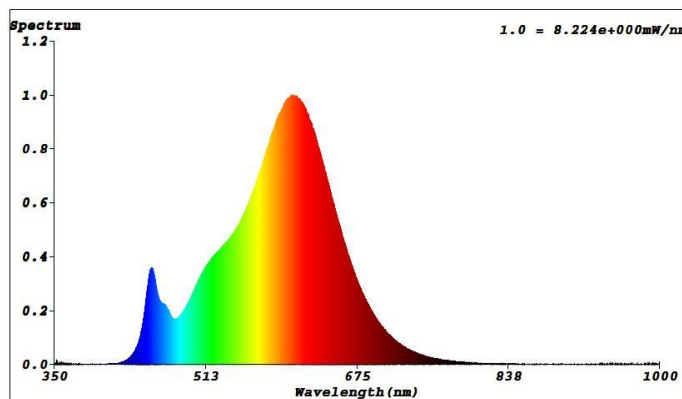
### Lumen distribution



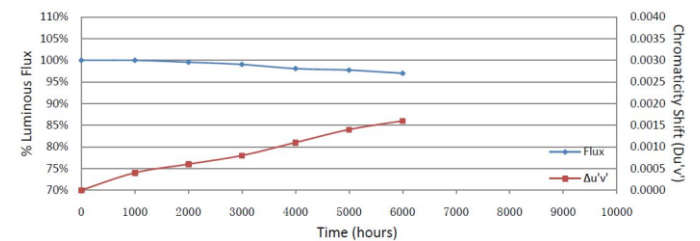
### Distance curve:



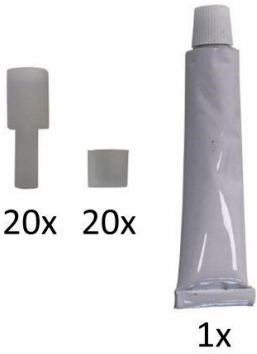
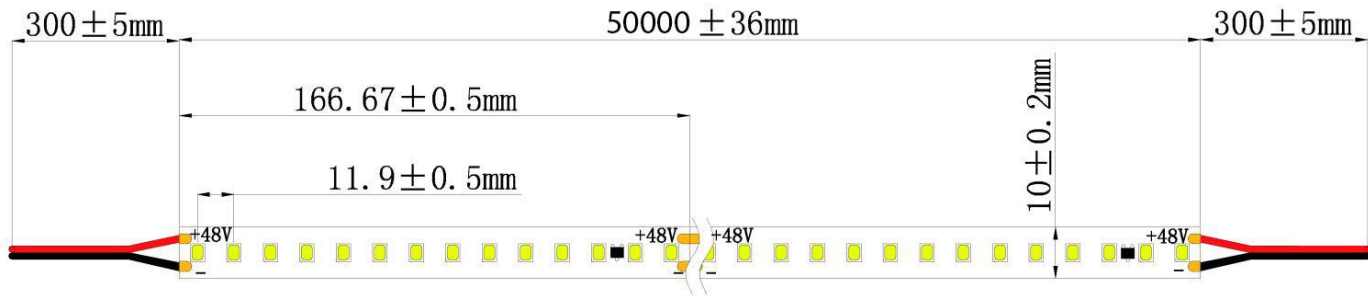
### Spectrum distribution



### Lumendrop

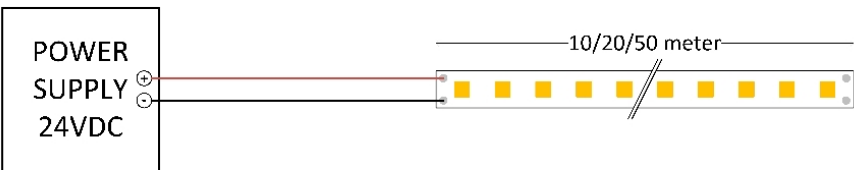


Dimensions

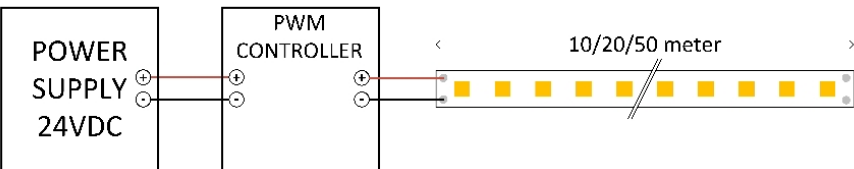


Connection diagram

**BASIC ON/OFF**



**DIMMING**



Type	Max. lenght
10M	10m
20M	20m
50M	50m

Certification

CE, RoHS, UL