



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 indoor applications IP20. 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. In case of 48VDC maximum 60W per channel = 240W in total.



IP20



IK0



120



5 YEARS



up to 116



50.000
L80B20



82



4000



PWM



SMD2835



NEE

Technical specifications

Reference	50M-48V-IP20-4000
EAN code	5420076248390
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)	50000x10x1,8mm
Buigradius (mm)	60
Kleinste sectie (mm)	166,66
Weight (kg)	0,7
Color	white
Working temp. (°C)	-20~+45
IP value	IP20
N° in masterbox	10
N° on pallet	0
MOQ	1

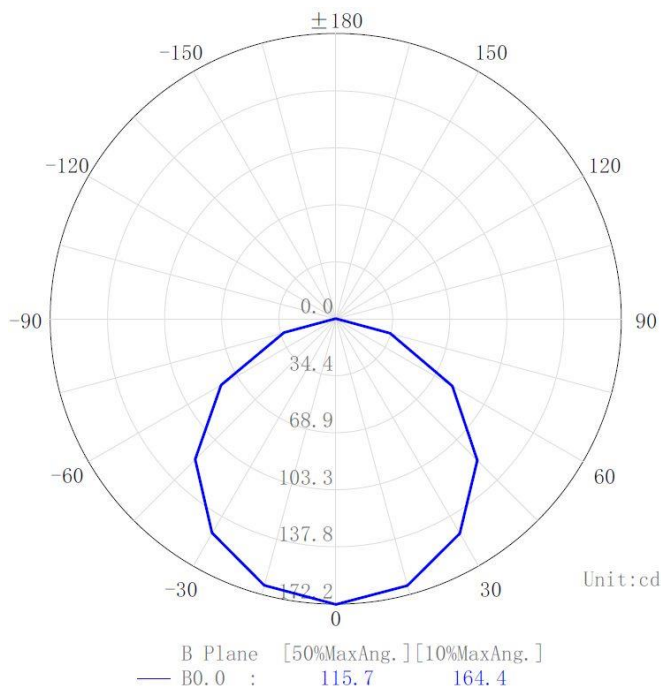
Warranty and certification

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

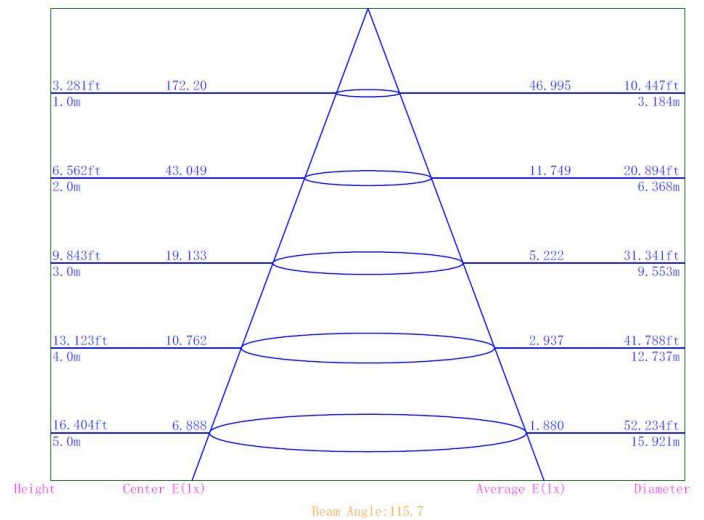
Photometric specifications

Light angle (°)	120
Color temperature (K)	4000
CRI	82
SDCM	<3
Lumen output (Lm)	523
Lm/W	116
Flux code	46 78 95 100 98
Ledchip	SMD2835
Led manufacturer	Refond
N° of LEDs/m	84

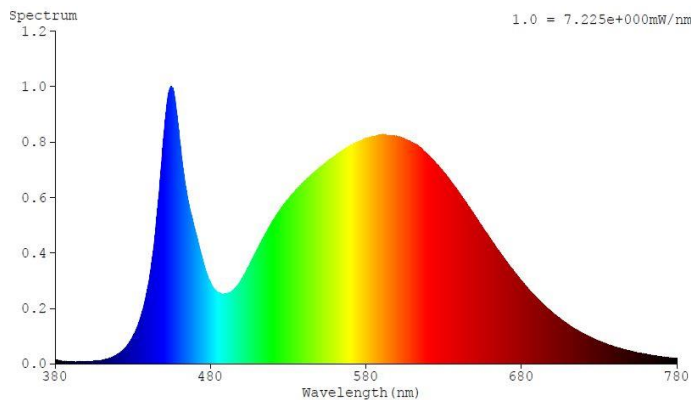
Lumen distribution



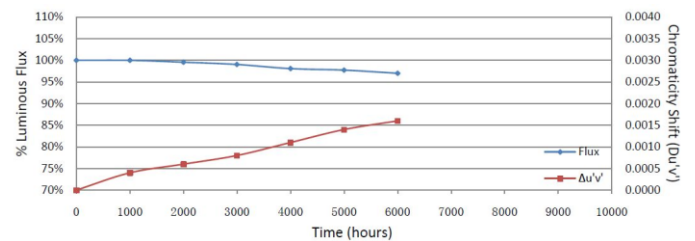
Distance curve:



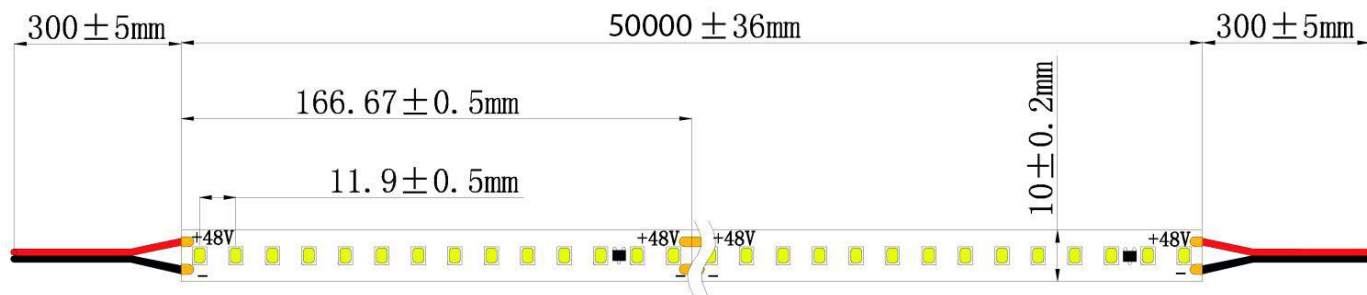
Spectrum distribution



Lumendrop

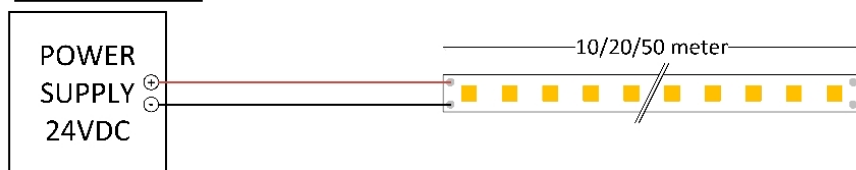


Dimensions

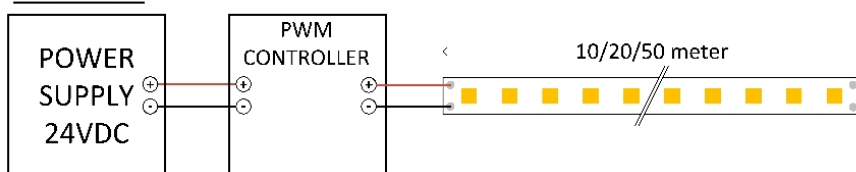


Connection diagram

BASIC ON/OFF



DIMMING



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

Certification

CE, RoHS, UL