DATASHEET

120MLED-IP20-2700

Description:

Ledstrip mini-cut 120LED/m 24V IP20 2700K 5m

IP20	IK0	120	5 YEARS	up to 65
67.000 L80B20	82	2700	A+	PWM
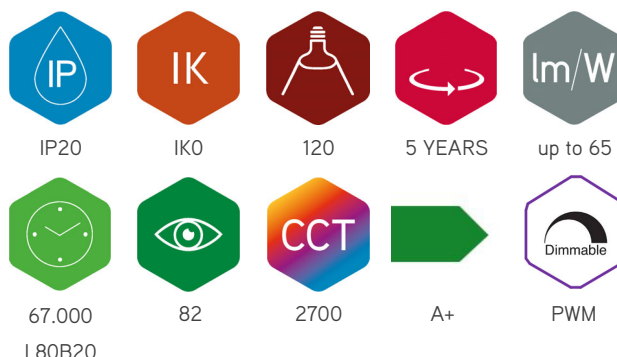
LED flex 120MLED is equipped with 120 LEDs type SMD2835 per meter and suitable for universal use in all kinds of applications. Thanks to the very short sections of 16.66 mm, customization becomes easier and any desired length can be achieved. Connection voltage 24VDC, to be shortened every 16.66 mm. Color rendering CRI82, light beam 120˚. Lifespan 50.000h L80B20. Equipped with pre-soldered connection cables of 30 cm on both sides.

Technical specifications

Reference	120MLED-IP20-2700
EAN code	5420076248680
ETIM code	EC002706

Electrical specifications

LED power (W)	14,4
Input voltage (Vac)	24V
Frequency (Hz)	DC
Dimmable	PWM
Connection cable	0,3m
Energie class	A+

Dimensions and material properties

Dimensions (LxWxH)	5000x8x1,8mm
Buigradius (mm)	60
Kleinste sectie (mm)	0
Weight (kg)	0,15
Color	white
Working temp. (˚C)	-20~+45
IP value	IP20
N˚ in masterbox	20
N˚ on pallet	0
MOQ	1

Warranty and certification

Lifetime (h)	67.000 L80B20
Warranty (years)	5
ENEC approved	no

Photometric specifications

Light angle (˚)	120
Color temperature (K)	2700
CRI	82
SDCM	<3
Lumen output (Lm)	913
Lm/W	65
Flux code	46 78 95 100 100
Ledchip	SMD2835
Led manufacturer	Refond
N° of LEDs/m	120

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less energy more light.

Lumen distribution

B Plane [50%MaxAng.] [10%MaxAng.]
B0.0 : 114.7   164.4

Distance curve:

Beam Angle:114.7
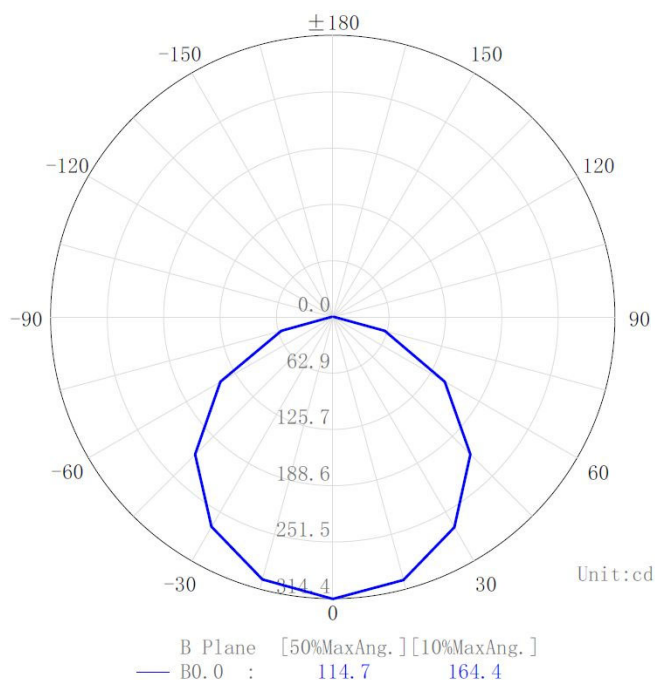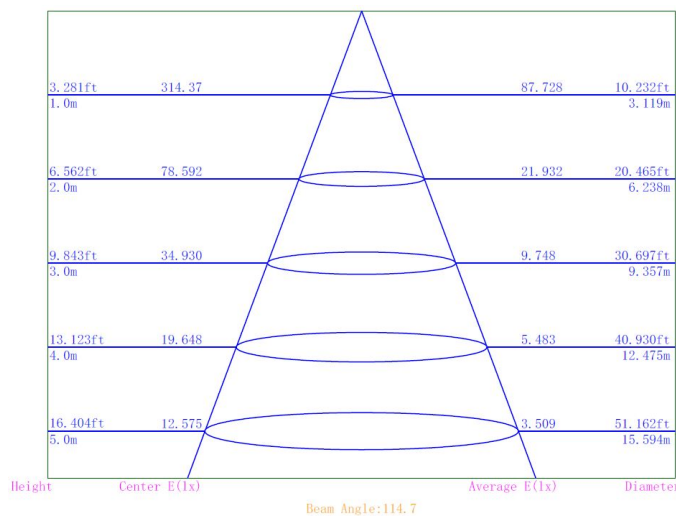
Spectrum distribution

Lumendrop

Visit our website for all test reports LM-79 / LM-80 / TM-21 and elumdat files, subject to changes without notice.
Rechargeable batteries (lead or NiCd) that are part of a lighting device always have a one-year warranty!

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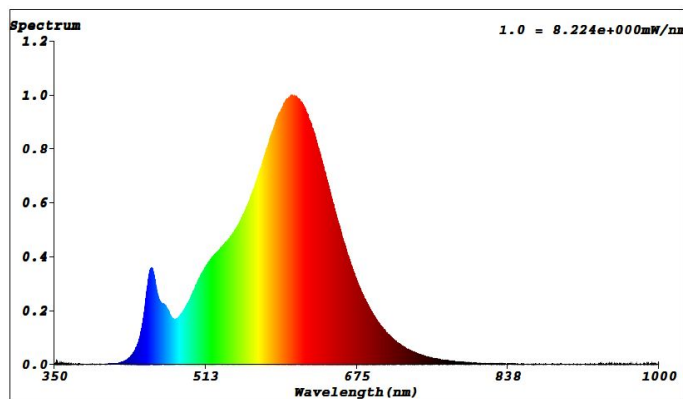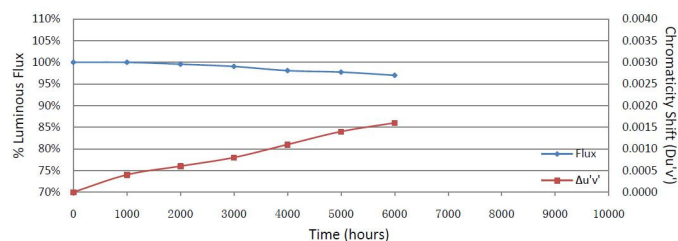
Dimensions
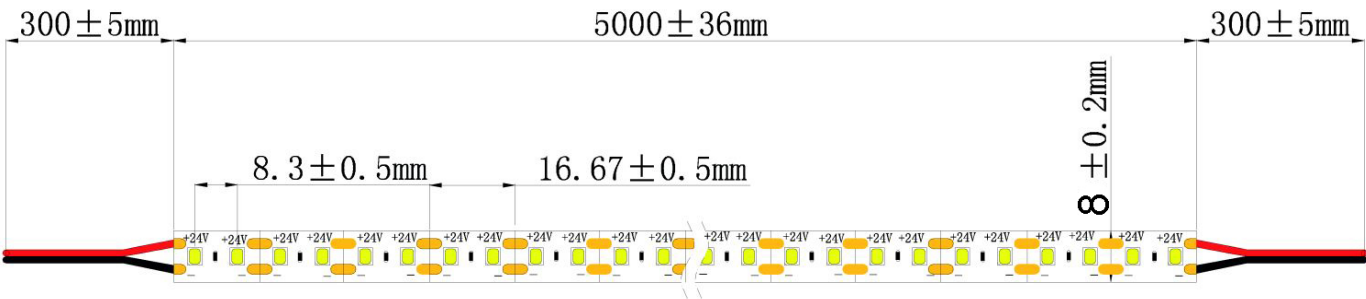
Connection diagram

BASIC ON/OFF

POWER SUPPLY 24VDC

! max. lenght in series !

DIMMING

POWER SUPPLY 24VDC

PWM CONTROLLER

! max. lenght in series !

POWER SUPPLY 24VDC
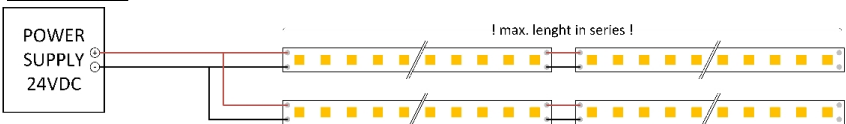
max. lenght in series = x2
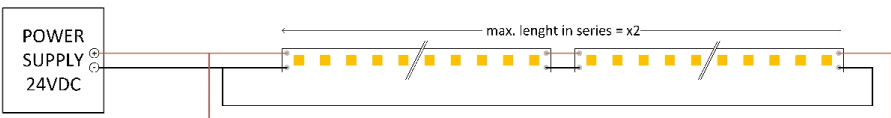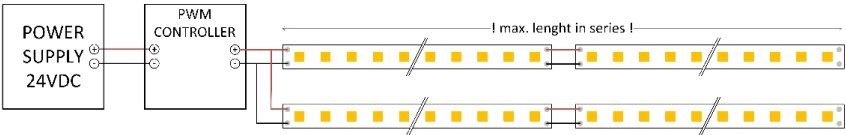
Type	Max. lenght in serie
64LED	12m
120LED	15m
120DOT	15m
120MLED	10m
128LED	10m
140FSLED	8m
160LED	8m
160POW	4m
196SDOT	15m
240DOT	9m
350DOT	8m
60BLED	5m
120SIDE	11m