BACKLIT FLEX BAR

5 YEARS WARRANTY | 50 - 80 mm | 170° | 6500 K | IP20 | L80 50 000 h

ITEM DESCRIPTION

Backlit FLEX bars combine the performance of traditional LED bars with the flexibility of a strip. Designed to provide consistent illumination for single-sided lightboxes with slim to medium depth, they are perfect for projects where conventional rigid bars cannot fit. Each bar features 24 LEDs per meter with optical lenses, ensuring uniform light distribution and up to 125 lm/W efficacy. The bendable aluminum base with cut points after every LED allows easy adaptation to curved or irregular surfaces while maintaining reliable mechanical stability. With an IP20 protection rating and simple installation, Backlit FLEX is ideal for indoor applications such as arched or round lightboxes, retail displays, and other creative lighting designs requiring both precision and flexibility.

APPLICATION

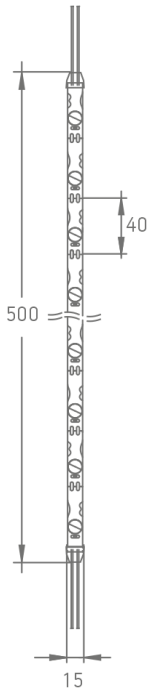
- Single-sided light boxes and flexible signage designs
- Recommended depth: 50 - 80 mm

FEATURES & BENEFITS

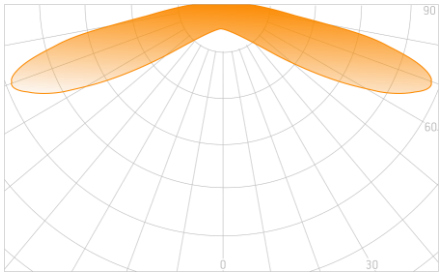
- Strip-like flexibility for easy installation on curved or irregular surfaces
- 24VDC system
- Long life-span of 50,000 h
- 5-years warranty

GENERAL SPECIFICATIONS

SUPPLY VOLTAGE	24 VDC
POWER	12 W/m
CRI	80
OPTICS	170°
RECCOMENDED DEPTH	50-80 mm
BINNING	5 SDCM
COLOUR / CCT	6500 K
OPERATING TEMPERATURE	-30 °C ~ +50 °C
STORAGE TEMPERATURE	+5°C ~ +70 °C
CERTIFICATION	UKCA, CE and RoHS compliant
IP CLASS	IP20
LIFETIME	L80 50,000 h
WARRANTY	5 years
MOUNTING OPTIONS	Double sided tape



LIGHT DISTRIBUTION GRAPH



Beam angle: 170°

ORDERING INFORMATION

SKU	COLOUR	POWER, W per METER	LUMEN OUTPUT, LM	DIMENSIONS LxWxH, MM
BLBP-S-LE24865I12	6500 K	12.0	1568	5000x15x5.5

PACKAGING INFORMATION

METERS per REEL	REELS. per BOX	WEIGHT per BOX, KG
5	40	6

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