PRODUCT DATASHEET
LM-SV Kit 280-830 20 W

VALUE Flex Kit | LED modules for semi-professional applications

Areas of application

– Shelf and cupboard lighting
– Coving
– Backlighting

Product benefits

– Consistent white light (Standard Deviation of Color Matching SDCM: < 5)
– Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back

Product features

– Available with color temperature: 2,700 K, 4,000 K and 6,500 K
– Color rendering index R_a: 80
– Lenghts per reel: 5 m, smallest cuttable unit: 83 mm
– Lifetime (L70/B50): up to 20,000 h (temperature at T_a = 25 °C)
– Luminous flux: up to 330 lm/m

TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Construction wattage	20.00 W
Nominal wattage per meter	4 W
Nominal voltage	12 V
Type of current	DC
Nominal current	780.000 mA
Power factor λ	0.50

Photometrical data

Luminous efficacy	14 lm/W
Luminous flux	280 lm
Luminous flux per meter	280 lm
Color temperature	3000 K
Color rendering index Ra	80
Light color (designation)	Warm White
Standard deviation of color matching	≤5 sdcm

Light technical data

Beam angle	120 °
Rated beam angle (half peak value)	120.00 °

Dimensions & Weight
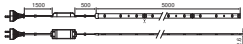
Length	5000.00 mm
Length – smallest unit	83 mm
Width	8.30 mm
Height	2.50 mm
Product weight	250.00 g

Colors & materials

Product color	White

Temperatures & operating conditions

Ambient temperature range	-10…+45 °C
Temperature range in operation	-10…+45 °C

Lifespan

Nominal lamp life time	20000 h
Number of switching cycles	10000

Capabilities

Dimmable	No
Dimming interface	Not dimmable
Self-adhesive	Yes

Certificates & Standards

Type of protection	IP44
Energy efficiency class	A

LOGISTICAL DATA

Temperature range at storage	-20…+60 °C

EQUIPMENT / ACCESSORIES

– LED driver included

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075033436	Folding box 1	190 mm x 43 mm x 190 mm	382.00 g	1.55 dm³
4058075033443	Shipping box 10	465 mm x 210 mm x 215 mm	4299.00 g	20.99 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.