

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
- Lengths per reel: 5 m, smallest cuttable unit: 83 mm
- Lifetime (L70/B50): up to 20,000 h (temperature at $T_a = 25^\circ\text{C}$)
- 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 sdc _m |

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 dm ³ |
| 4058075033443 | Shipping box 10 | 465 mm x 210 mm x 215 mm | 4299.00 g | 20.99 dm ³ |

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.