

LP24-27K24050M



Key Features

- Product Width: 10mm
- Lm/m (up to): 3540Lm/m
- Lm/W (up to): 177Lm/W
- Cri: 90+
- Lightsource SDCM: ≤3
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 6000K
- Warranty: 7 Years

24V

PWM

From 1 Bin

>90 CRI

HORIZ BEND

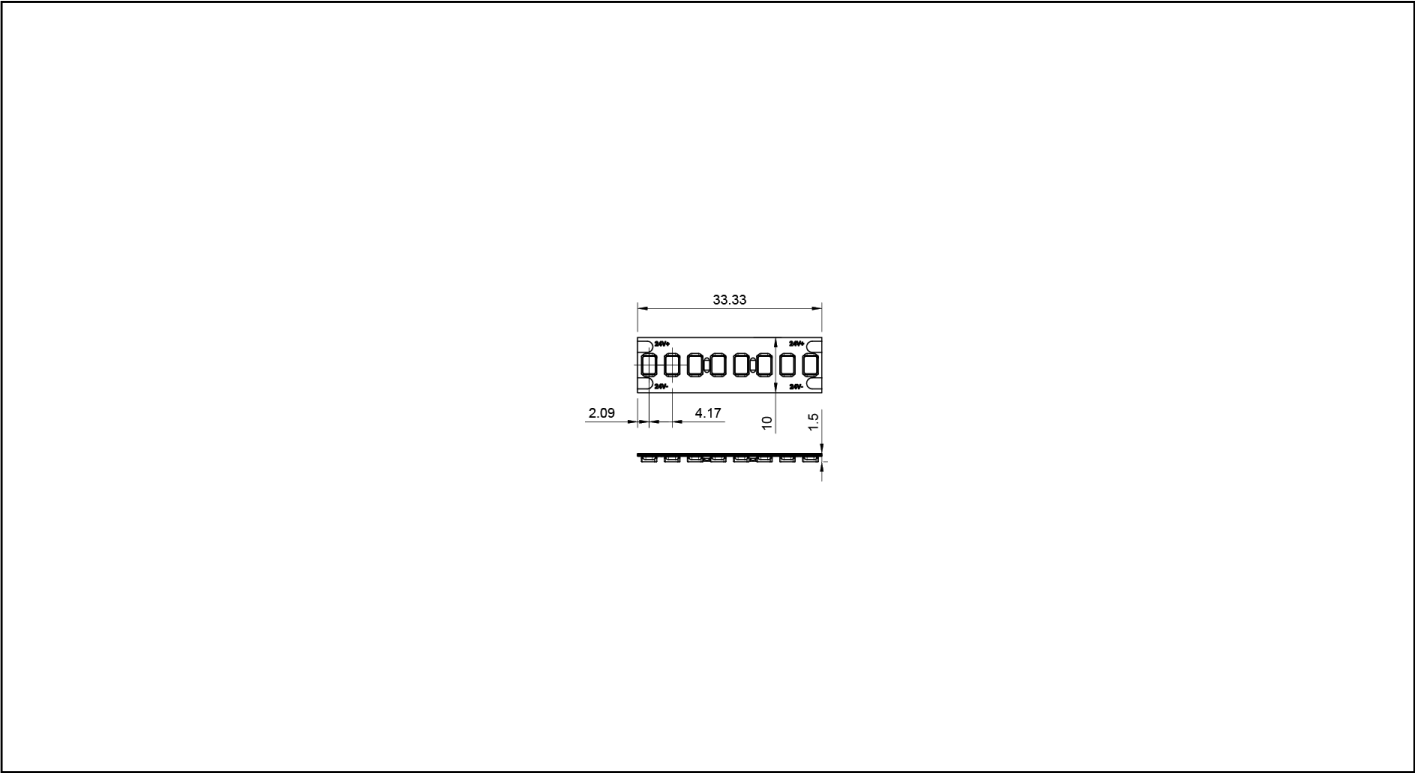
IP20

Mechanical Data

| | |
|-----------------------|------------|
| Bend Direction | Horizontal |
| Cable Length | 500 mm |
| Cable Sheath Material | PVC |
| Cable Weight | 18 AWG |
| LED Chip Brand | SAN'AN |
| LED Chip Type | SMD |
| Copper Foil Weight | 3 oz |
| Cut Points | 33.33 mm |
| LED Pitch | 4.17 mm |

| | |
|----------------------------|---------------|
| LEDs Per Unit | 8 |
| LEDs Per Metre | 240 |
| LEDs Total | 1200 |
| Min · Bend Radius | 30 mm |
| PCB Type | Flexible |
| Product Weight | 175 g |
| Self Adhesive Brand | 3M |
| Self Adhesive Model Number | 55230H |
| Body Colour | White |
| Entry Cable Direction | End |
| Product Dimensions | 50000x10x2 mm |

Dimensions



Input

| | |
|---------------|------|
| Input Voltage | 24 V |
|---------------|------|

Control

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|--------------|-----|
| Dimming Type | PWM |
|--------------|-----|

Electrical Data

| | |
|-------------------------------------|---------|
| Constant Voltage / Constant Current | CV |
| Current Max · @5 Metre | 3.652A |
| Current Max · Rated | 0.913 A |
| Wattage Max · @1 Metre | 22 W |
| Wattage Typ · @1 Metre | 20 W |
| Wattage Typ · @5 Metre | 80 W |
| Wattage Typ · @Max Run Length | 80 W |
| Current Typ · @Max Run Length | 3.32 A |
| Max · Run Length | 5 m |

Protection

| | |
|-------------------------|-----|
| Electrical Safety Class | III |
|-------------------------|-----|

Photometric Data

| | |
|-------------------------|---------------|
| Beam Angle | 116 ° |
| Bin Number | 1 |
| Colour Type | Single Colour |
| CRI | 90 |
| Luminous Intensity | 1029 cd |
| Lumen Total | 17000 Lm |
| Peak Luminous Intensity | 1029 cd |
| SDCM | < 3 |
| Lumens Per Metre | 3280 Lm/m |

| | |
|-----------------|----------|
| Lumens Per Watt | 164 Lm/W |
| Wavelength | 589.3 nm |
| R9 Value | 54 |
| CCT | 2700 K |

Environment

| | |
|--------------------------|----------|
| Application Environment | Indoor |
| Ingress Protection (IP) | IP20 |
| Interior or Exterior Use | Interior |

Efficiency

| | |
|--------------------------|-------------|
| Energy Efficiency Class | D |
| L70B50 | 60000 Hours |
| L80B10 | 54000 Hours |
| L90B10 | 24000 Hours |
| LM80 | 10000Hours |
| Lumen Maintenance Factor | 0.9823 |
| Rated Life | 60000 Hours |
| Survival Factor | 0.9 |
| Switch Cycles | 10000 |