

PS24-27K16050M

Key Features

- Product Width: 8 mm
- Lm/m (up to): 2030 Lm/m
- Lm/W (up to): 141 Lm/W
- CRI: 90+
- Lightsource SDCM: ≤2
- Run Length (Max): 5 m
- Available Colours: 2700K–6000K
- Warranty: 7 Years



24V

>90
CRI

HORIZ
BEND

IP20

Mechanical Data

| | |
|-----------------------|------------|
| Bend Direction | Horizontal |
| Cable Both Ends | Yes |
| Cable Length | 500 mm |
| Cable Sheath Material | PVC |
| Cable Weight | 20 AWG |
| LED Chip Brand | SAN'AN |
| LED Chip Type | SMD |
| Connector Type | None |
| Copper Foil Weight | 3 oz |

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|----------------------------|--------------|
| Cut Points | 6.25 mm |
| LED Module Replaceable | No |
| LED Pitch | 6.25 mm |
| LEDs Per Unit | 1 |
| LEDs Per Metre | 160 |
| LEDs Total | 800 |
| Min · Bend Radius | 30 mm |
| PCB Type | Flexible |
| Product Weight | 161 g |
| Self Adhesive Brand | 3M |
| Self Adhesive Model Number | 55230H |
| Body Colour | White |
| Entry Cable Direction | End |
| Product Dimensions | 50000x8x2 mm |

Dimensions



Input

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

Control

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|-----------------------|-------|
| Default PWM Frequency | 50 Hz |
|-----------------------|-------|

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|----------|-----|
| Dimmable | Yes |
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Electrical Data

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|-------------------------------------|----|
| Constant Voltage / Constant Current | CV |
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|------------------------|-------|
| Current Max · @5 Metre | 2.64A |
|------------------------|-------|

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|---------------------|--------|
| Current Max · Rated | 0.66 A |
|---------------------|--------|

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| Wattage Max · @1 Metre | 15.84 W |
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|------------------------|--------|
| Wattage Typ · @1 Metre | 14.4 W |
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|------------------------|--------|
| Wattage Typ · @5 Metre | 57.6 W |
|------------------------|--------|

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|-------------------------------|--------|
| Wattage Typ · @Max Run Length | 57.6 W |
| Current Typ · @Max Run Length | 2.4 A |
| Max · Run Length | 5 m |

Protection

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

Photometric Data

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|-------------------------|---------------|
| Beam Angle | 118.6 ° |
| Bin Number | One Bin |
| Colour Type | Single Colour |
| CRI | 90 |
| Luminous Intensity | 604.6 cd |
| Peak Luminous Intensity | 604.6 cd |
| SDCM | < 2 |
| Lumens Per Metre | 1660 Lm/m |
| Lumens Per Watt | 115 Lm/W |
| Wavelength | 583.6 nm |
| R9 Value | 51 |
| CCT | 2700 K |

Environment

| | |
|--------------------------|----------|
| Application Environment | Indoor |
| Anti-Yellowing | No |
| Ingress Protection (IP) | IP20 |
| Interior or Exterior Use | Interior |
| Solvent Resistant | No |
| Saltwater Resistant | No |

| | |
|--------------------------|-------------|
| UV Resistant | No |
| Efficiency | |
| Energy Efficiency Class | E |
| L70B50 | 60000 Hours |
| L80B10 | 54000 Hours |
| L90B10 | 26000 Hours |
| LM80 | 10000Hours |
| Lumen Maintenance Factor | 0.9823 |
| Rated Life | 60000 Hours |
| Survival Factor | 0.9 |
| Switch Cycles | 10000 |