

CTO-EC24-B65K5M



Key Features

- Product Width: 8mm
- Lm/m (up to): 1075Lm/m
- Lm/W (up to): 112Lm/W
- CRI: 90+
- Lightsource SDCM: ≤5
- Run Length (Max): 5m
- Available Colours: 2700K, 3000K, 4000K, 6500K
- Warranty: 3 Years

24V

>90
CRI

HORIZ
BEND

2oz
PCB

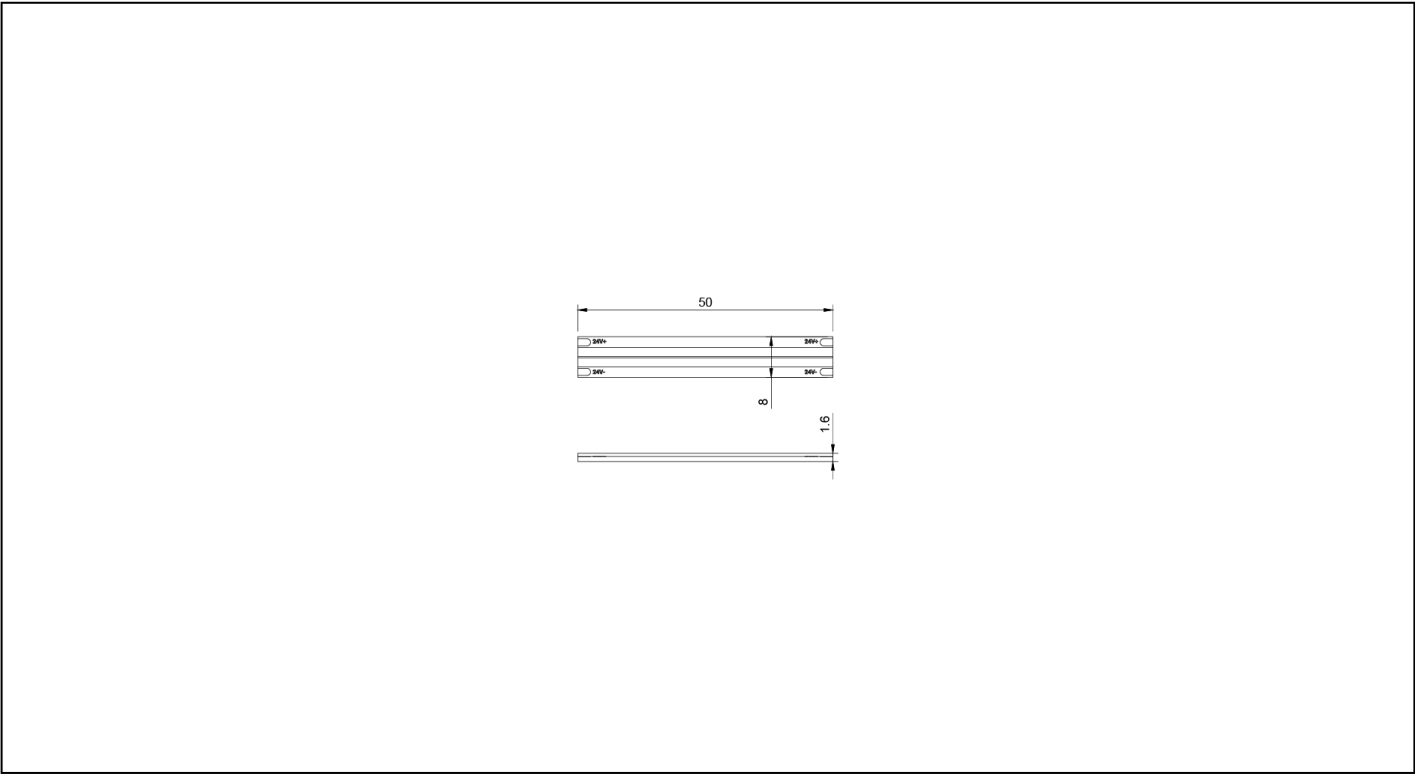
IP20

Mechanical Data

| | |
|-----------------------|------------|
| Body Colour | White |
| Bend Direction | Horizontal |
| Cable Both Ends | No |
| Cable Length | 2 mm |
| Cable Sheath Material | PVC |
| Cable Weight | 20 AWG |
| LED Chip Brand | SAN'AN |
| LED Chip Type | COB |
| Copper Foil Weight | 2 oz |

| | |
|----------------------------|-------------|
| Cut Points | 50 mm |
| LED Module Replaceable | No |
| LED Pitch | 2.083 mm |
| LEDs Per Unit | 24 |
| LEDs Per Metre | 480 |
| LEDs Total | 480 |
| Min · Bend Radius | 30 mm |
| PCB Type | Flexible |
| Self Adhesive Brand | 3M tape |
| Self Adhesive Model Number | 55230H |
| Entry Cable Direction | End |
| Product Dimensions | 5000x8x2 mm |

Dimensions



Input

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

Control

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Electrical Data

| | |
|-------------------------------------|--------|
| Constant Voltage / Constant Current | CV |
| Current Max · @5 Metre | 1.925A |
| Current Max · Rated | 0.44 A |
| Wattage Max · @1 Metre | 10.5 W |
| Wattage Typ · @1 Metre | 9.6 W |
| Wattage Typ · @5 Metre | 42 W |
| Wattage Typ · @Max Run Length | 42 W |
| Current Typ · @Max Run Length | 1.75 A |
| Max · Run Length | 5 m |

Protection

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

Photometric Data

| | |
|-------------------------|---------------|
| Colour Type | Single Colour |
| CRI | 90 |
| Luminous Intensity | 228.3 cd |
| Peak Luminous Intensity | 228.3 cd |
| SDCM | < 5 |
| Lumen Total | 5375 Lm |
| Lumens Per Metre | 1075 Lm/m |
| Lumens Per Watt | 112 Lm/W |

| | |
|------------|----------|
| Wavelength | 485.7 nm |
| R9 Value | 64 |
| CCT | 6500 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 | F |
| L70B50 | 36000 Hours |
| L80B10 | 36000 Hours |
| L90B10 | 24000 Hours |
| LM80 | 10000Hours |
| Lumen Maintenance Factor | 0.9707 |
| Rated Life | 36000 Hours |
| Survival Factor | 0.9 |
| Switch Cycles | 10000 |