

TP24-2765KCOB5M



Key Features

- Product Width: 10mm
- Lm/m (up to): 1500Lm/m
- Lm/W (up to): 83Lm/W
- CRI: 90+
- Lightsource SDCM: ≤5
- Run Length (Max): 5m
- Available Colours: 2700K - 6500K
- Warranty: 7 Years

24V

140°
BEAM

>90
CRI

HORIZ
BEND

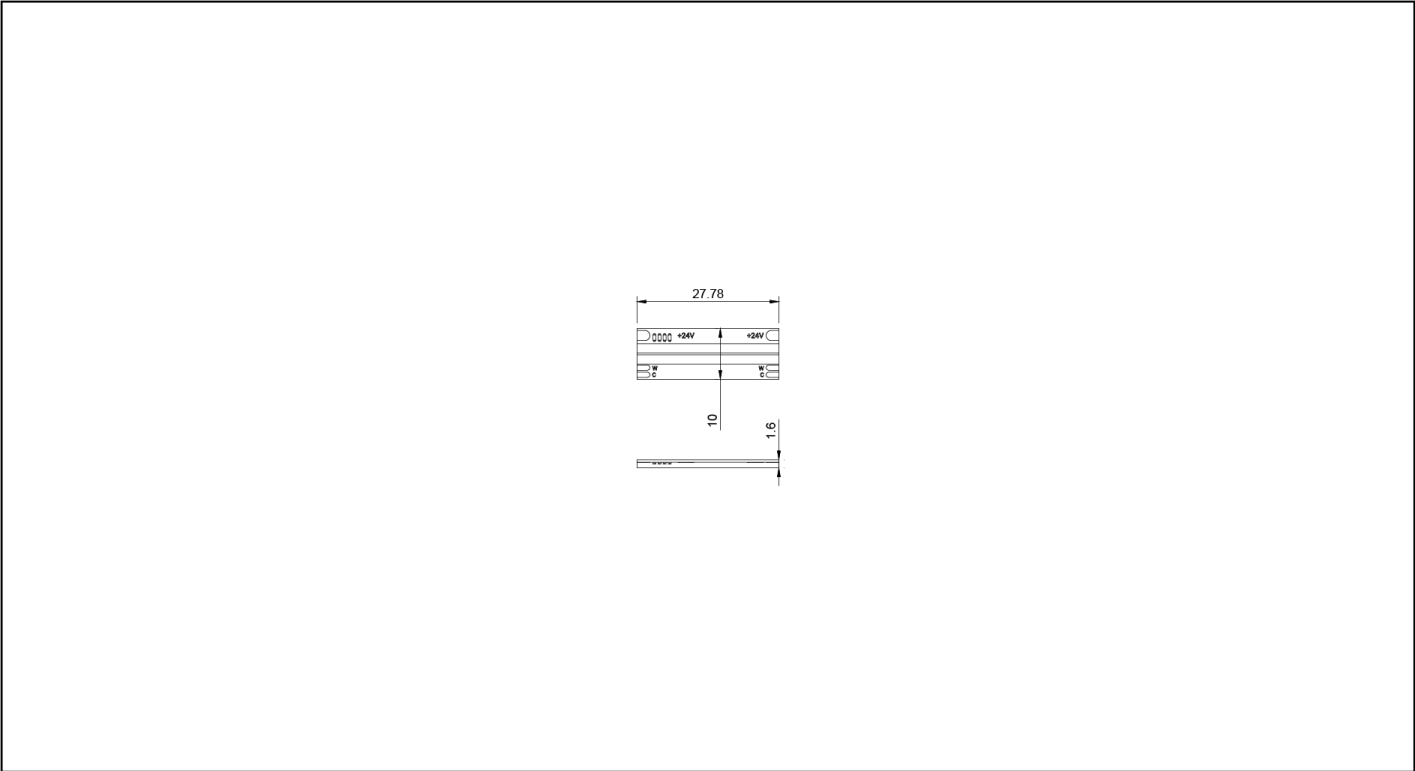
IP20

Mechanical Data

| | |
|-----------------------|------------|
| Body Colour | White |
| Bend Direction | Horizontal |
| Cable Both Ends | Yes |
| Cable Length | 500 mm |
| Cable Sheath Material | PVC |
| Cable Weight | 20 AWG |
| LED Chip Brand | JC_CSP |
| LED Chip Type | CSP |
| Copper Foil Weight | 3 oz |

| | |
|----------------------------|--------------|
| Cut Points | 27.78 mm |
| Entry Cable Direction | End |
| LED Module Replaceable | Yes |
| LED Pitch | 1.74 mm |
| LEDs Per Unit | 16 |
| LEDs Per Metre | 576 |
| LEDs Total | 28800 |
| Min · Bend Radius | 30 mm |
| PCB Type | Flexible |
| Product Weight | 7 g |
| Self Adhesive Brand | 3M |
| Self Adhesive Model Number | 55230H |
| Product Dimensions | 5000x10x2 mm |

Dimensions



Input

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

Control

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

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

Electrical Data

| | |
|-------------------------------------|----|
| Constant Voltage / Constant Current | CV |
|-------------------------------------|----|

| | |
|------------------------|------|
| Current Max · @5 Metre | 3.3A |
|------------------------|------|

| | |
|---------------------|---------|
| Current Max · Rated | 0.825 A |
|---------------------|---------|

| | |
|------------------------|--------|
| Wattage Max · @1 Metre | 19.8 W |
|------------------------|--------|

| | |
|------------------------|------|
| Wattage Typ · @1 Metre | 18 W |
|------------------------|------|

| | |
|------------------------|------|
| Wattage Typ · @5 Metre | 60 W |
|------------------------|------|

| | |
|-------------------------------|------|
| Wattage Typ · @Max Run Length | 60 W |
|-------------------------------|------|

| | |
|-------------------------------|-----|
| Current Typ · @Max Run Length | 3 A |
|-------------------------------|-----|

| | |
|------------------|-----|
| Max · Run Length | 5 m |
|------------------|-----|

Protection

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

Photometric Data

| | |
|------------|-------|
| Beam Angle | 140 ° |
|------------|-------|

| | |
|------------|---------|
| Bin Number | One Bin |
|------------|---------|

| | |
|-------------|-------------------|
| Colour Type | CCT Tunable White |
|-------------|-------------------|

| | |
|-----|----|
| CRI | 90 |
|-----|----|

| | |
|--------------------|------------|
| Luminous Intensity | 280.632 cd |
|--------------------|------------|

| | |
|-------------|----------|
| Lumen Total | 75000 Lm |
|-------------|----------|

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Ultra LEDs have taken reasonable care to ensure that the information in this datasheet is accurate at time of publication however it should be noted that all specifications are subject to tolerance. Descriptive specifications such as colour are subjective. Ultra LEDs reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Ultra LEDs in accordance with applicable terms and conditions

| | |
|---------------------------|---------------|
| Lumens Per Metre (White) | 1500 Lm/m |
| Lumens Per Watt | 83 Lm/W |
| Lumens Per Watt (White) | 675 Lm/W |
| Lumens Per Watt (White 2) | 750 Lm/W |
| Peak Luminous Intensity | 280.632 cd |
| SDCM | < 5 |
| Lumens Per Metre | 1500 Lm/m |
| Wavelength | 580.2 nm |
| R9 Value | 87 |
| CCT | 6500 - 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 | G |
| Lumen Maintenance Factor | 97 |
| Rated Life | 60000 Hours |
| Survival Factor | 0.9 |
| Switch Cycles | 10000 |

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