

PS24-236K14050M67



Key Features

- Product Width: 12mm
- Lm/m (up to): 1056Lm/m
- Lm/W (up to): 85.36Lm/W
- CRI: 90+
- Lightsource SDCM: ≤3
- Run Length (Max): 5m
- Available Colours: 2300K - 6000K
- Warranty: 5 Years

24V

>90
CRI

HORIZ
BEND

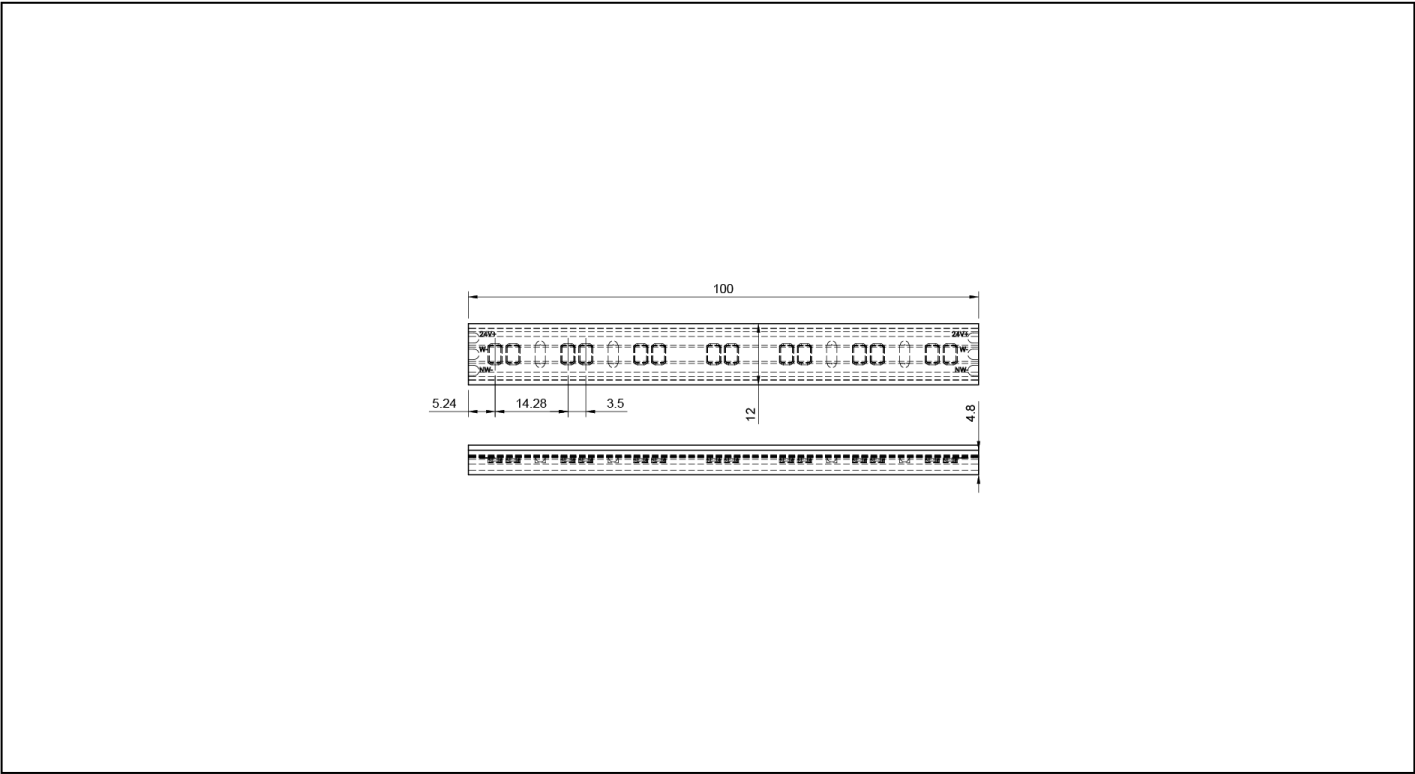
IP67

Mechanical Data

| | |
|-----------------------|------------|
| Bend Direction | Horizontal |
| Cable Length | 500 mm |
| Cable Sheath Material | Silicone |
| Cable Weight | 20 AWG |
| LED Chip Brand | SAN'AN |
| LED Chip Type | SMD |
| Connector Type | None |
| Copper Foil Weight | 3 oz |
| Cut Points | 100 mm |

| | |
|----------------------------|---------------|
| LED Pitch | 14.28 mm |
| LEDs Per Unit | 14 |
| LEDs Per Metre | 140 |
| LEDs Total | 1400 |
| Min · Bend Radius | 30 mm |
| PCB Type | Flexible |
| Product Weight | 5100 g |
| Self Adhesive Brand | JL |
| Self Adhesive Model Number | 4910F |
| Body Colour | White |
| Entry Cable Direction | End |
| Product Dimensions | 50000x12x5 mm |

Dimensions



Input

0161 507 9249 | support@ultraleds.co.uk | www.ultraleds.co.uk | Manchester, M17 1SJ Date: 08/07/2025

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

| | |
|---------------|--------------|
| Input Voltage | 22.8 -25.2 V |
|---------------|--------------|

Control

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|----------|-----|
| Dimmable | Yes |
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|--------------|-----------------------------|
| Dimming Type | 0-10, TRIAC, PWM, DALI, DMX |
|--------------|-----------------------------|

Electrical Data

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

| | |
|------------------------|---------|
| Current Max · @1 Metre | 0.594 A |
|------------------------|---------|

| | |
|------------------------|-------|
| Current Max · @5 Metre | 2.97A |
|------------------------|-------|

| | |
|---------------------|---------|
| Current Max · Rated | 0.594 A |
|---------------------|---------|

| | |
|------------------------|--------|
| Wattage Max · @1 Metre | 14.3 W |
|------------------------|--------|

| | |
|------------------------|------|
| Wattage Typ · @1 Metre | 13 W |
|------------------------|------|

| | |
|------------------------|---------|
| Wattage Typ · @5 Metre | 55.25 W |
|------------------------|---------|

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|-------------------------------|---------|
| Wattage Typ · @Max Run Length | 55.25 W |
|-------------------------------|---------|

| | |
|------------------------|--------|
| Current Max · @5 Metre | 2.97 A |
|------------------------|--------|

| | |
|-------------------------------|---------|
| Current Typ · @Max Run Length | 2.295 A |
|-------------------------------|---------|

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

Protection

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

Photometric Data

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

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

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|--------------------|------------|
| Luminous Intensity | 381.216 cd |
|--------------------|------------|

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|-------------|----------|
| Lumen Total | 52800 Lm |
|-------------|----------|

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|--------------------------|------------------|
| Lumens Per Metre (White) | 73.84615385 Lm/m |
|--------------------------|------------------|

| | |
|---------------------------|---------------|
| Lumens Per Watt (White) | 484 Lm/W |
| Lumens Per Watt (White 2) | 572 Lm/W |
| Peak Luminous Intensity | 381.216 cd |
| SDCM | < 3 |
| Lumens Per Metre | 1056 Lm/m |
| Lumens Per Watt | 85 Lm/W |
| Wavelength | 586 nm |
| R9 Value | 94 |
| CCT | 2300 - 6000 K |

Environment

| | |
|--------------------------|---|
| Application Environment | Indoor or Semi-outdoor application (with partial protection/shelter from the water) |
| Body Material | Silicone |
| Ingress Protection (IP) | IP67 |
| Interior or Exterior Use | Interior, Exterior |
| Solvent Resistant | No |
| Saltwater Resistant | No |
| UV Resistant | No |

Efficiency

| | |
|--------------------------|-------------|
| Energy Efficiency Class | F |
| 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 |