

Tagra | Climate COB | Pro COB LED Strip Light | 480  
LEDs/m | 24V | IP67 | 8.8W/m | 2700K | 5M

**PC24-27KHT5M / ITM014327**



Tagra | Climate COB | Pro COB LED Strip Light | 480 LEDs/m | 24V | IP67 | 8.8W/m | 2700K | 5M



|                         |                        |                    |                        |                          |
|-------------------------|------------------------|--------------------|------------------------|--------------------------|
| Cut Points<br>✂<br>50mm | IP Rating<br>💧<br>IP67 | LEDs<br>💡<br>480/m | Voltage In<br>⚡<br>24V | Warranty<br>🛡<br>3 Years |
|-------------------------|------------------------|--------------------|------------------------|--------------------------|

**SKU:** PC24-27KHT5M  
**ITM:** ITM014327

- Key Features:**
- **Light Colour:** 2700K
  - **Product Length:** 5m
  - **Lm/W (Up To):** 90Lm/W
  - **Lm/m (Up To):** 720Lm/m
  - **Dimensions (W x H):** 12 x 5.5mm

| Mechanical Data             |          |                      |                   |
|-----------------------------|----------|----------------------|-------------------|
| Bend Direction:             | Vertical | Body Colour:         | White             |
| Cable Both Ends:            | Yes      | Cable Length:        | 500mm             |
| Cable Sheath Material:      | Silicone | Cable Gauge:         | 20AWG             |
| LED Chip Brand:             | SanAn    | LED Chip Type:       | COB               |
| Copper Foil Weight:         | 3oz      | Cut Points:          | 50mm              |
| LED Pitch:                  | 2.08mm   | LEDs Per Unit:       | 24                |
| LEDs Per Metre:             | 480      | LEDs Total:          | 2400              |
| Min. Bend Radius:           | 40mm     | PCB Type:            | Flexible          |
| Product Weight:             | 400g     | Self Adhesive Brand: | 3M                |
| Self Adhesive Model Number: | 5915VHB  | Dimensions (LxWxH):  | 5000 x 12 x 5.5mm |

| Electrical Data                      |    |                     |       |
|--------------------------------------|----|---------------------|-------|
| Constant Voltage / Constant Current: | CV | Current Max. Rated: | 0.37A |

| Electrical Data               |       |                               |       |
|-------------------------------|-------|-------------------------------|-------|
| Current Max. @5 Metre:        | 1.83A | Current Typ. @Max Run Length: | 1.67A |
| Max. Run Length:              | 5m    | Wattage Max. @1 Metre:        | 8.8W  |
| Wattage Typ. @1 Metre:        | 8W    | Wattage Typ. @5 Metre:        | 40W   |
| Wattage Typ. @Max Run Length: | 40W   | Current Max. @1 Metre:        | 0.37A |
| Current Typ. @1 Metre:        | 0.33A |                               |       |

| Input Data |  |
|------------|--|
|------------|--|

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

| Control Data |  |
|--------------|--|
|--------------|--|

|           |     |               |     |
|-----------|-----|---------------|-----|
| Dimmable: | Yes | Dimming Type: | PWM |
|-----------|-----|---------------|-----|

| Photometric Data |  |
|------------------|--|
|------------------|--|

|                   |               |              |        |
|-------------------|---------------|--------------|--------|
| Lumens Per Metre: | 720Lm/m       | CCT:         | 2700K  |
| Colour Type:      | Single Colour | CRI:         | 90     |
| SDCM:             | <3            | Lumen Total: | 3600Lm |
| Lumens Per Watt:  | 90Lm/W        | R9 Value:    | 50     |

| Environmental Data |  |
|--------------------|--|
|--------------------|--|

|                             |                  |                          |               |
|-----------------------------|------------------|--------------------------|---------------|
| Application Environment:    | Sauna, Snow Room | Body Material:           | Silicone      |
| Case Temperature Max. (tc): | 125°C            | Ingress Protection (IP): | IP67          |
| Interior or Exterior Use:   | Interior         | Saltwater Resistant:     | Yes           |
| UV Resistant:               | Yes              | Operating Temperature:   | -25°C - 125°C |
| Storage Humidity:           | 60%              | Storage Temperature:     | -20°C - 60°C  |
| Working Humidity:           | 90%              |                          |               |

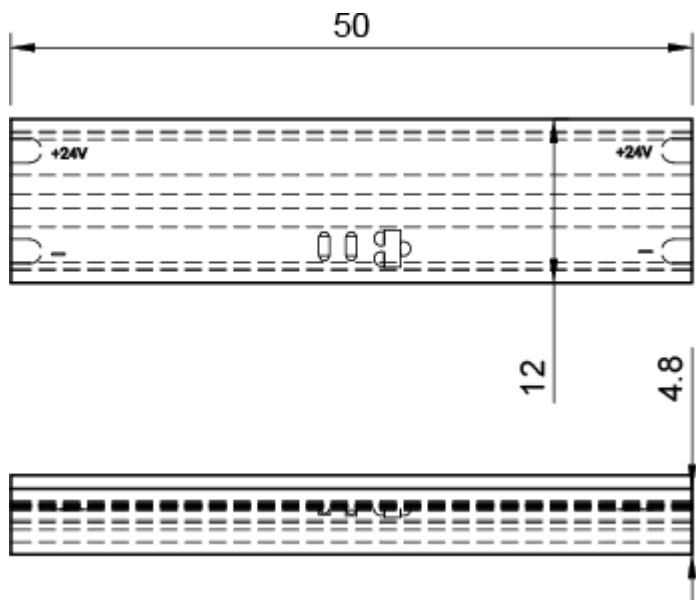
Protection Data

Electrical Safety Class: III

Efficiency Data

|                          |             |                           |      |
|--------------------------|-------------|---------------------------|------|
| Energy Efficiency Class: | G           | Lumen Maintenance Factor: | 0.96 |
| Rated Life:              | 50000 Hours | Survival Factor:          | 0.9  |

Dimension Drawing



Packaging Data

|                    |       |                   |       |
|--------------------|-------|-------------------|-------|
| End Caps Included: | Yes   | Packaging Height: | 270mm |
| Packaging Length:  | 270mm | Packaging Width:  | 260mm |
| Packaging Weight:  | 490g  |                   |       |

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## Disclaimer

Tagra Lighting 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. Tagra Lighting reserve the right to update specifications without notice. The information in the datasheet may only be relied on by customers of Tagra Lighting in accordance with applicable terms and conditions.

Tagra Lighting is a trading name of T.R Ventures Limited, a company incorporated in England with registered number 07757720. Our registered office is Unit 2, Southfield Industrial Estate, Trafford Park, M17 1SJ.

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