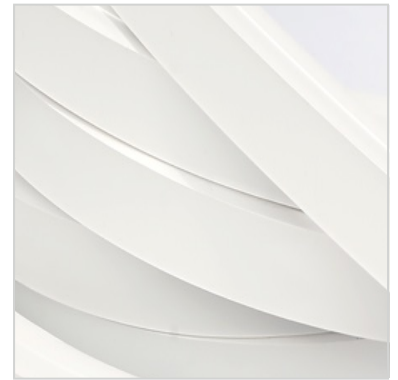




SKYLINE FLEX 3525

Flexible LED strip – free bend

SKYLINE FLEX 3525



Flexible, silicone-encapsulated LED system. Continuous and uniform light glow. Vertical and horizontal bending. IP67 protection level and IK08 impact rating. Efficacy rating up to 60lm/W, L70 >50000 hours. 5 year warranty

Base System:

Food-grade, flexible silicone extrusion. UV, flame, salt water and chlorine resistant. IP67 and IK08 rating.

Light Engine:

Flexible led module with multiple options of lumen output, CCT and CRI, RGBW versions available.

Control Protocols:

Fixed output, DALI, Switch Dim, Casambi (pending LED driver configuration), DMX (pixel control)

Optics:

Diffusive

Mounting Options:

Aluminium profiles, Stainless steel clips, Quick installation with IP connectors





KEY ADVANTAGES

- High efficacy up to 60lm/W
- Food-grade silicone material, UV, flame, salt and chlorine resistant
- SELV 24 V operating voltage
- Great flexibility, compact dimensions, easy installation
- Available with RGBW DMX

GENERAL INFORMATION

| | |
|-------------------|---|
| Installation type | Surface Mounted with aluminium profile or aluminium clips |
| RCM Mark | Yes |
| Certifications | AS/NZS/IEC 60598, ROHS |

HOUSING AND FINISH

| | |
|--------------------|--|
| Housing | Food grade silicone extrusion, matt finish |
| End plates | Molded endplates |
| Light distribution | Direct |
| Optics | Clear or diffusive silicone |
| Tightness level | IP 67 |
| Impact resistance | IK 08 |

PERFORMANCE

| | |
|-------------------------------|----------------|
| Lumen package range (lm/m) | up to 1200lm/m |
| Power consumption range (W/m) | 20 |

OPERATING CONDITIONS

| | |
|----------------------------------|-------------------|
| Operating temperature range (Ta) | -40°C up to +60°C |
|----------------------------------|-------------------|

ELECTRICAL INFORMATION

| | |
|---------------------|---|
| Electrical class | Class III |
| Nominal voltage | 24 V DC |
| Control protocol(s) | Fixed Output, DALI, Switch Dim, Casambi (depends on the LED driver configuration) |
| Control options | Based on application and design architecture |

OPTICAL INFORMATION

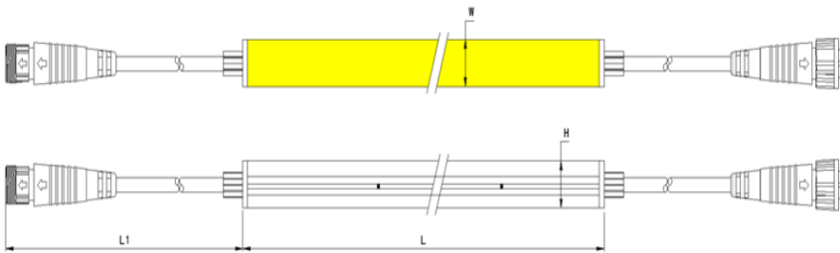
| | |
|---|---|
| LED colour temperature | Standard: 3000K, 4000K Optional: 2700K, 5000K, 6500K, Tuneable white 2700K-6500K, RGBW |
| Colour rendering index (CRI) | >80 Optional: >90 |
| Standard Deviation Colour Matching (SDCM) | 3 MacAdam Steps |

RATED LUMEN MAINTENANCE

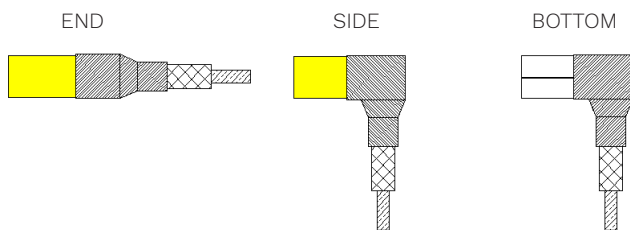
| | |
|--------------------|-------------|
| All configurations | L70>50,000h |
|--------------------|-------------|

DIMENSIONS

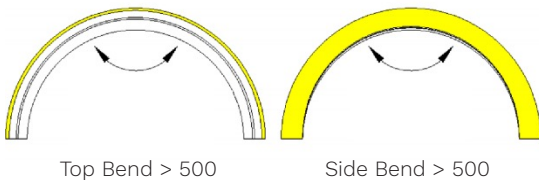
| | |
|------------|--|
| W x H (mm) | 35 x 25 |
| L (mm) | 3000 (standard reel) 1000-3000 customised lengths |
| L1 (mm) | 300 |



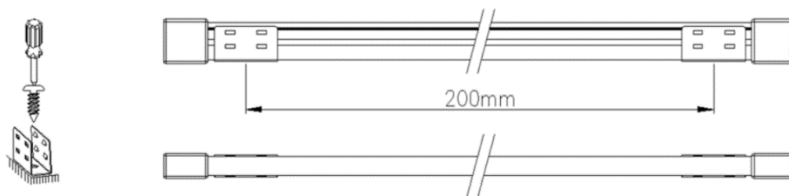
POWER ENTRY OPTIONS



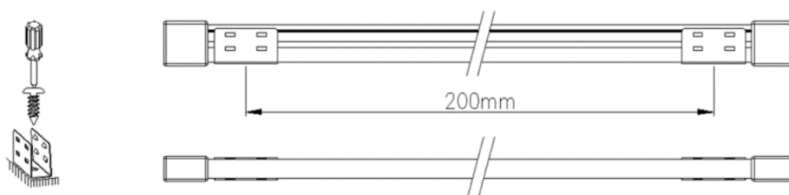
MOUNTING



STAINLESS STEEL CLIP



ALUMINIUM PROFILE



PERFORMANCE

| PRODUCT | BEND | SIZE (mm) | OPTICS | POWER (W) | CCT (K) | CRI | Lm | Lm/W |
|--------------|-----------|-----------|----------|-----------|---------|-----|------|------|
| SKYLINE FLEX | FREE BEND | 3525 | Diffused | 20 | 4000 | 80 | 1200 | 60 |
| SKYLINE FLEX | FREE BEND | 3525 | Diffused | 20 | RGBW | 80 | 600 | 30 |

Note: The above output values are 'delivered' lumens. This takes into consideration the optical efficacy of the luminaire. Above values are based on 4000K colour temperature and 25° C ambient temperature. Outputs for 1m length.

TO SPECIFY

Flexible, silicone-encapsulated LED system. Continuous and uniform light glow. Vertical and horizontal bending. IP67 protection level and IK08 impact rating. Efficacy rating up to 60lm/W, L70 >50000 hours. 5 year warranty