



## SKYLINE FLEX 1020 SB

---

Flexible LED strip – side bend

# SKYLINE FLEX 1020 SB



Flexible, silicone-encapsulated LED system. Continuous and uniform light glow. IP67 protection level and IK08 impact rating. Efficacy rating up to 95 lm/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

## Control Protocols:

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

## Optics:

Diffusive

## Mounting Options:

Aluminium profiles, Quick installation with IP connectors

IP 67

IK 08





### KEY ADVANTAGES

- High efficacy up to 95 lm/W
- Food-grade silicone material, UV, flame, salt and chlorine resistant
- SELV 24 V operating voltage
- Great flexibility, compact dimensions, easy installation

#### 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 850lm/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

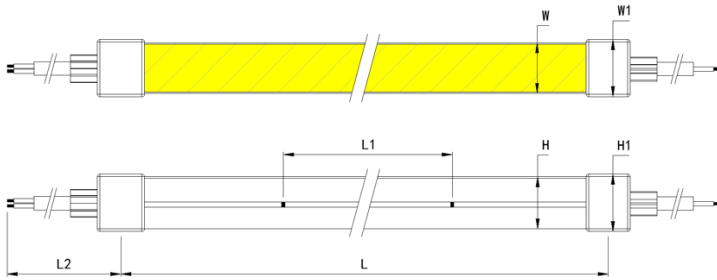
LED colour temperature	Standard: 3000K, 4000K Optional: 2700K, 5000K, 6500K
Colour rendering index (CRI)	>80 Optional: >90
Standard Deviation Colour Matching (SDCM)	3 MacAdam Steps

#### RATED LUMEN MAINTENANCE

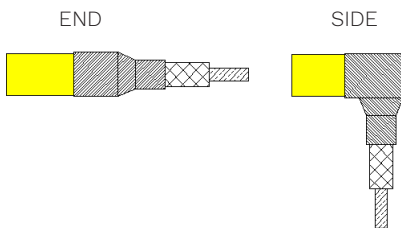
All configurations	L70>50,000h
--------------------	-------------

## DIMENSIONS

W x H (mm)	13 x 20
L (mm)	5000 (standard reel). Customised length available (1000-8000)
L1 (mm)	50
L2 (mm)	300
W1 x H1(mm)	14x22



## POWER ENTRY OPTIONS

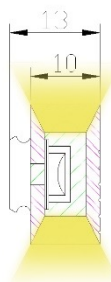
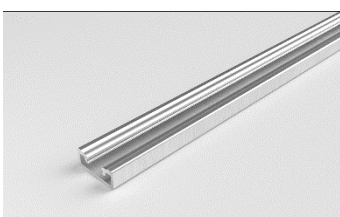


## MOUNTING



Side Bend > 200

## ALUMINIUM PROFILE



PERFORMANCE

PRODUCT	BEND	SIZE (mm)	OPTICS	POWER (W)	CCT (K)	CRI	Lm	Lm/W
SKYLINE FLEX	TOP BEND	1020	Diffused	5	4000	80	475	95
SKYLINE FLEX	TOP BEND	1020	Diffused	10	4000	80	850	85

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. IP67 protection level and IK08 impact rating. Efficacy rating up to 95 lm/W, L70 >50000 hours. 5 year warranty.