



SKYLINE FLEX 2020 TB

Flexible LED strip – top bend

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Flexible, silicone-encapsulated LED system. Designed to bend along its vertical axis. Continuous and uniform light glow to imitate conventional neon tubes. IP67 protection level and IK08 impact rating. Efficacy rating up to 97 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. Tunable White versions available.

Control Protocols:

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

Optics:

Diffusive and transparent (clear) options.

Mounting Options:

Aluminium profiles, Aluminium clips, Quick installation with IP connectors.

IP 67

IK 08





KEY ADVANTAGES

- High efficacy up to 97lm/W
- Food-grade silicone material, UV, flame, salt and chlorine resistant
- SELV 24 V operating voltage
- Diffused and clear option available
- 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 1305 lm/m
Power consumption range (W/m)	5 - 15

OPERATING CONDITIONS

Operating temperature range (Ta)	-40°C up to +60°C
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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), DMX
Control options	Based on application and design architecture

OPTICAL INFORMATION

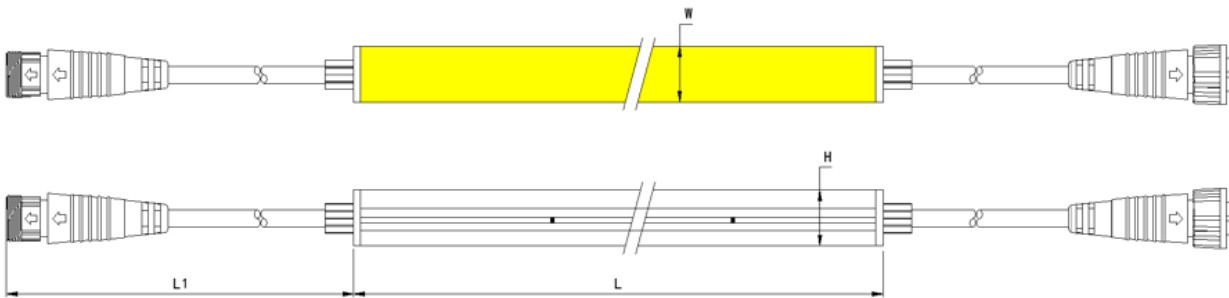
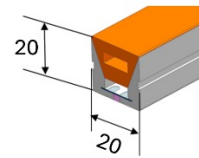
LED colour temperature	Standard: 3000K, 4000K Optional: 2700K, 5000K, 6500K, Tuneable white 2700K-6500K, RGBW
Colour rendering index (CRI)	>80 Optional: >90
Standard Deviation Colour Matching (SDCM)	3 MacAdam Steps

RATED LUMEN MAINTENANCE

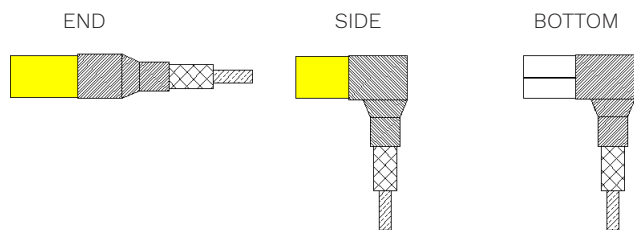
All configurations	L70>50,000h
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DIMENSIONS

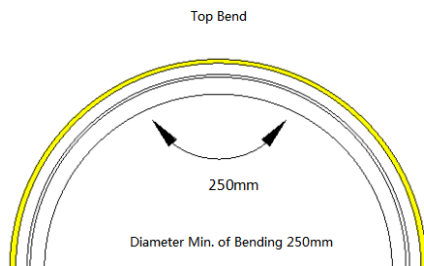
W x H (mm)	20 x 20
L (mm)	5000 (standard reel). Customised length available (1000-8000)
L1 (mm)	300



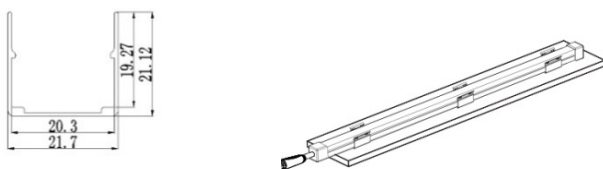
POWER ENTRY OPTIONS



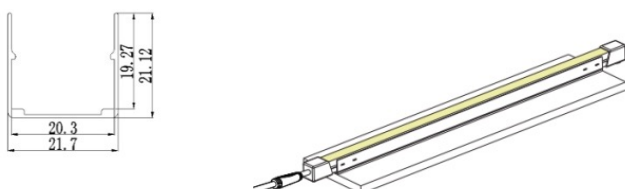
MOUNTING



ALUMINIUM CLIP



ALUMINIUM PROFILE



PERFORMANCE

PRODUCT	BEND	SIZE (mm)	OPTICS	POWER (W)	CCT (K)	CRI	Lm	Lm/W
SKYLINE FLEX	TOP BEND	2020	Diffused	5	4000	80	485	97
SKYLINE FLEX	TOP BEND	2020	Diffused	10	4000	80	920	92
SKYLINE FLEX	TOP BEND	2020	Diffused	15	4000	80	1305	87
SKYLINE FLEX	TOP BEND	2020	Diffused	5	TW 2700-6500	80	400	80
SKYLINE FLEX	TOP BEND	2020	Diffused	10	TW 2700-6500	80	750	75
SKYLINE FLEX	TOP BEND	2020	Diffused	15	TW 2700-6500	80	1050	70
SKYLINE FLEX	TOP BEND	2020	CLEAR	5	4000	80	535	107
SKYLINE FLEX	TOP BEND	2020	CLEAR	10	4000	80	1020	102
SKYLINE FLEX	TOP BEND	2020	CLEAR	15	4000	80	1440	96
SKYLINE FLEX	TOP BEND	2020	Diffused	15	RGBW	80	480	32

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

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