



SPLINE MICRO

APPLICATIONS

The flexible modules of the Spline series are designed for the functional lighting of curved grooves in ceiling and alcoves in walls and for the accent lighting of outdoor situations with an irregular line. Thanks to an extremely flexible, but fully resistant and reliable circuit, curved or shaped profiles can be illuminated with continuity. This product is available in top emission version only with respect to the curvature axis, and it is thus adaptable to any type of installation. 10/20m continuous lengths can be produced according to the luminous flux emitted, with increments of 50mm. The LED module is completely encapsulated to perform IP67 and it's available with opal or clear finish. Materials are highly resistant against atmospheric agents and suitable for installation to high UV exposure.



FEATURES

The most compact product available on the market with its section of 8x8 mm

High efficiency (>110 lm/W)

ANSI compliant binning, 3 step MacAdams ellipse for each individual lot

Excellent lumen maintenance and colour stability over time

Extensive dimming range - fully dimmable, with external dimmer

IP67 protection rating

UV-resistant material

Top or side light emission

Long life and low maintenance costs

SPECIFICATIONS

Performance

LED type	Mid power
LED nr. and model	120 led/m x Seoul 3020
Total lumen output (at 85°C)	Up to 800 lm/m
Colour temperature (white light)	2300 - 2700 - 3000 - 4000 - 5500 K
Binning	3 step MacAdam ellipse
CRI	>90 (2700-3000K), >80 (2300-4000-5500K)
Other colours	On request

Electrical

Supply type	Constant voltage
Supply value	24 Vdc
Maximum power consumption	Up to 12 W/m
Connection	2x0.5 mmq cable L=2 m

Physical

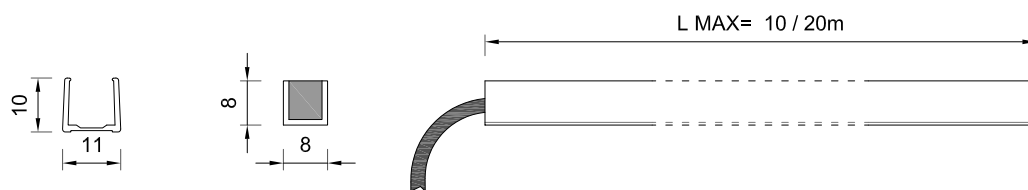
Body material	Polimeric
Body finish	White colour
Optic material	Polyurethan
Optic type	Diffuse
Screen material	n.a.
Dissipation	Passive
Protection rating	IP67
Class	III
Weight	0,1 Kg/m
Dimensions	See technical drawing
Operating temperature range	-20 / +70 °C
MTBF (LM80)	50.000 hrs
Mounting	With mounting accessories
Minimum bending radius	> 150 mm

HOW TO ORDER

Model	Power	Colour
▼	▼	▼
SPLINE-MICRO	LL	LLL
SPLINE-MICRO Spline Micro	LB 6 W/m HB 12 W/m	K23 Warm white 2300K K27 Warm white 2700K K30 Warm white 3000K K40 Neutral white 4000K K55 Cold white 5500K

Order code example: **SPLINE-MICRO-HBK40**

TECHNICAL DRAWING



ACCESSORIES

Mounting kit

UV-resistant polycarbonate mounting profile L=2 m	PRF-05-T
Kit of nr. 5 anti-UV treated polycarbonate mounting clips	CMP01119

Watertight connections

2-pole male/female IP68 connection kit for cable mounting	CMP01054
2-pole male IP68 connector for cable mounting	CMP01052
2-pole female IP68 connector for cable mounting	CMP01053