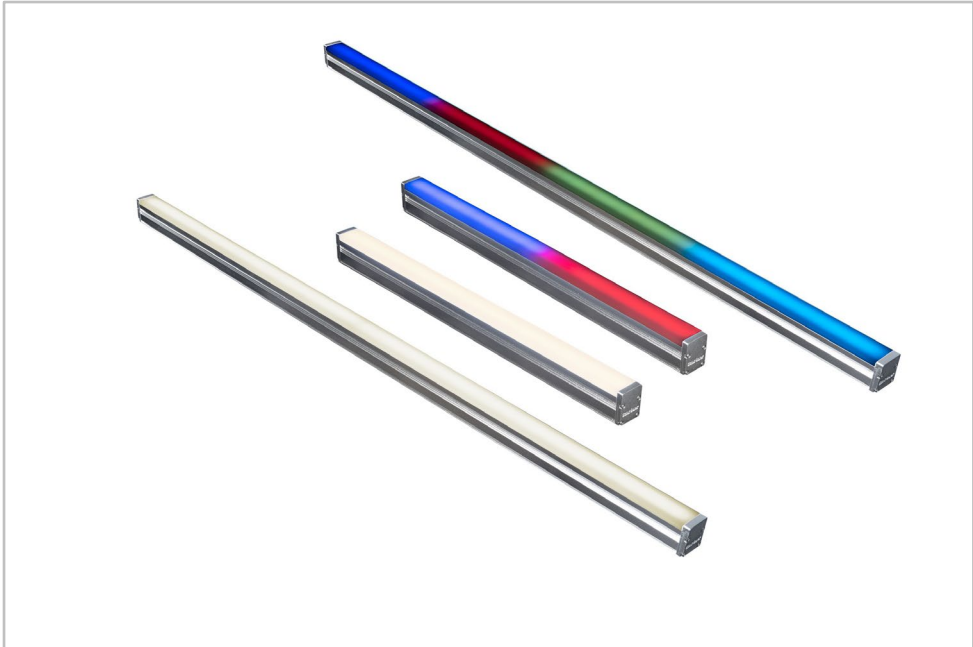


# ILUM MARK

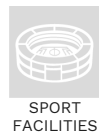


## Multi-purpose range of linear LED marker luminaires

The ILUM MARK range is composed of linear marker luminaires fitted with white or RGB low-power LEDs for marker or accent illumination. These recessed luminaires create original light effects in the nocturnal landscape. They can form dynamic lines of light to guide passers-by and tourists to discover a city.

The compact design of the ILUM MARK ensures a perfect vertical and horizontal integration in all types of structures: on window sills, under arches or on facades to highlight architectural details.

As a versatile ground-lighting solution, ILUM MARK can also be used to show people the way inside underpasses, hospitals or any other buildings.



## Concept

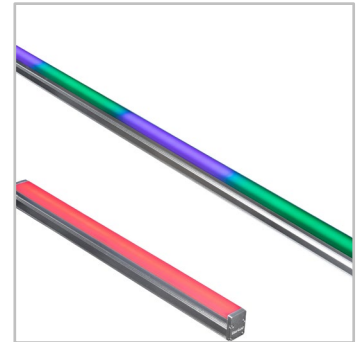
ILUM MARK is a linear marker luminaire fitted with low power LEDs. This recessed luminaire with a high-tightness level is available in two sizes: 500 and 1,000mm. It is particularly suited for ground lighting in public and private areas and for highlighting architectural details.

When installed, the ILUM MARK can form a continuous curtain of light. It can also create 90° angles. All ILUM MARK luminaires are delivered with the required mounting accessories for continuous or angle configurations and for recessed or surface mounting.

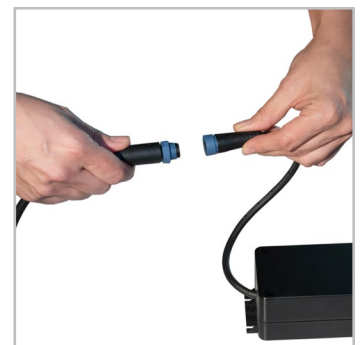
ILUM MARK is composed of a body in anodised aluminum and an optical unit with a protector in frosted polycarbonate. The optical unit is set into a U-profile for mounting and is held in place by clips. Thanks to its mechanical design, the luminaire's high tightness level is maintained in the long term and it is very easy to install.

ILUM MARK is available with warm, neutral or cool white LEDs as well as with RGB LEDs. The RGB version is composed of 250mm sections (2 for ILUM MARK 1 and 4 for ILUM MARK 2) that can be controlled individually by DMX512 for dynamic effects. The radiation angle of the LEDs is 120 degrees but it is diffused by the frosted protector to 180 degrees.

The 24V - IP 67 gear box can deliver a power of 150W to supply 22 static white ILUM MARK 1, 11 static white ILUM MARK 2, 14 RGB ILUM MARK 1 or 7 RGB ILUM MARK 2.



ILUM MARK is available in two sizes: 500 or 1,000mm.



ILUM MARK uses 2-pin (white) or 5-pin (RGB) IP 68 connectors.

## Types of application

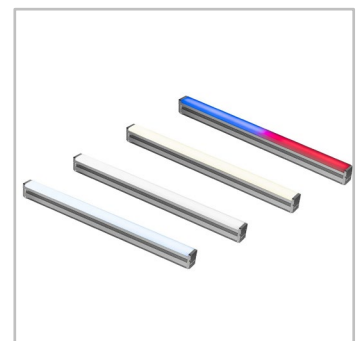
- ACCENT & ARCHITECTURAL
- BRIDGES
- RAILWAY STATIONS & METROS
- CAR PARKS
- SQUARES & PEDESTRIAN AREAS
- INDUSTRIAL HALLS & WAREHOUSES
- SPORT FACILITIES

## Key advantages

- Continuous line of light
- Ultra-compact linear module for discreet integration
- Extra high tightness level (IP 67)
- High-quality and resistant materials (IK10)
- Dynamic scenarios with DMX512 protocol for RGB versions
- Easy installation
- Maximised savings in energy and maintenance costs



The optical unit is recessed in an aluminium U profile.



ILUM MARK is available with white (warm, neutral or cool) or RGB LEDs.

## GENERAL INFORMATION

Driver included	No
CE Mark	Yes
ROHS compliant	Yes
Testing standard	LM 79-08 (all measurements in ISO17025 accredited laboratory) EN 60598-1:2015+A1:2018 EN 60598-2-1:1989 EN 60598-2-2:2012 EN 60598-2-13:2006+A1:2012+A2:2016 EN 60529:1989+A1:1999+A2:2013 EN 62262:2002

## HOUSING AND FINISH

Housing	Aluminium
Protector	Polycarbonate
Tightness level	IP 67
Impact resistance	IK 10

## OPERATING CONDITIONS

Operating temperature range (Ta)	-30 °C up to +50 °C / -22 °F up to 122 °F
----------------------------------	---

*· Depending on the luminaire configuration. For more details, please contact us.*

## ELECTRICAL INFORMATION

Electrical class	Class III EU
Nominal voltage	24VDC
Electromagnetic compatibility (EMC)	EN 55015:2013/A1:2015, EN 61547:2009
Control protocol(s)	DMX512

*· White versions are only ON/OFF. RGB versions can be controlled with DMX512 protocol.*

## OPTICAL INFORMATION

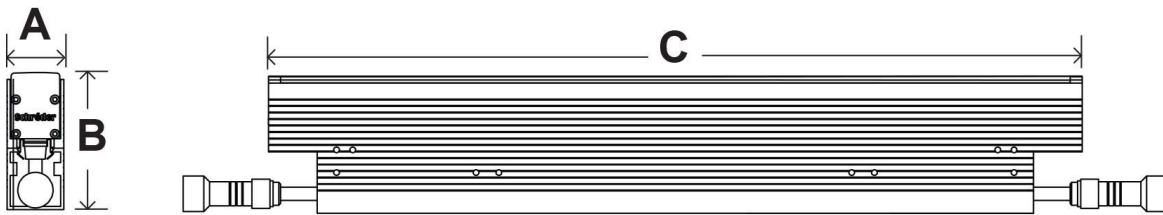
LED colour	RGB
temperature	2900K (Warm White) 3700K (Neutral White) 5200K (Cool White)

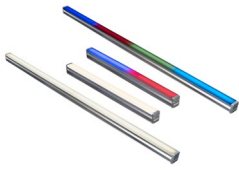
## LIFETIME OF THE LEDS @ TQ 25°C

All configurations	57,000h - L90
--------------------	---------------

## DIMENSIONS AND MOUNTING

AxBxC (mm   inch)	ILUM MARK 1 - 35x84x500   1.4x3.3x19.7 ILUM MARK 2 - 35x84x1000   1.4x3.3x39.4
Weight (kg   lbs)	ILUM MARK 1 - 1.42   3.1 ILUM MARK 2 - 2.79   6.1
Mounting possibilities	Surface mounting Ground-recessed

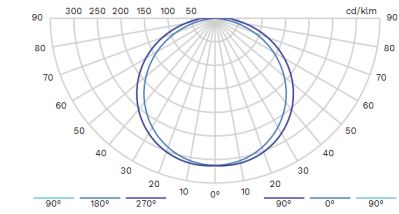




Luminaire	Number of LEDs	Current (mA)	Luminaire output flux (lm) RGB		Luminaire output flux (lm) Warm White 2900		Luminaire output flux (lm) Cool White 5200		Luminaire output flux (lm) Neutral White 3700		Power consumption
			Min	Max	Min	Max	Min	Max	Min	Max	Max
ILUM MARK 1	24	64	100	100	250	250	250	250	250	250	6
ILUM MARK 2	48	64	200	200	500	500	500	500	500	500	12

Tolerance on LED flux is  $\pm 7\%$  and on total luminaire power  $\pm 5\%$

0



Distance [m]	Beam 114 x 124 [°]	Diameter [cm]
25		7699 x 9404
20		6159 x 7523
15		4620 x 5642
10		3080 x 3761
5		1540 x 1881

For a source of 1000 lumens