

## Light Profile „Carmen“



### Technical description

The light profile “Carmen” is a linear LED luminaire designed for room, workplace or accent lighting purposes.

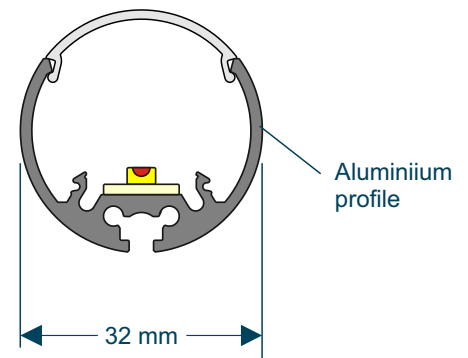
In addition, it can be used for the illumination/flood-lighting of objects, pictures, advertising spaces etc.

#### The key features of “Carmen” are:

- Circular cross-section of the profile
- Custom-made length, max. 3,000 mm
- Two different power classes
- Light colours:  
2,700 K • 3,000 K • 4,000 K • 5,000 K • 6,500 K
- 12 volts - safety extra-low voltage (SELV) operation

The LEDs are contained in an aluminium profile which can be partially filled with a potting compound making the luminaire suitable for outdoor installation (IP65).

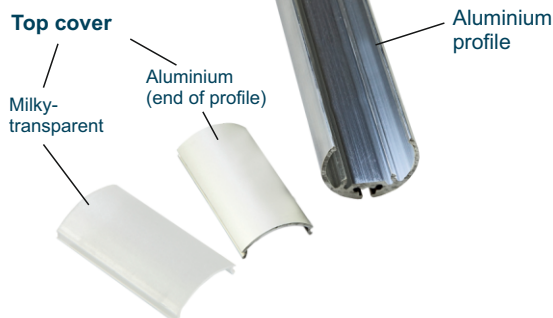
The internal components are protected by **covers** made of translucent plastic. Special aluminium covers for the profile ends give the luminaire an attractive, harmonious appearance.



**Cross-section and dimensions**  
(For indoor installation or for outdoor installation IP65)

Available in the following colour temperatures

2700 K | 3000 K | 4000 K | 5000 K | 6500 K



## Light Profile „Carmen“

### Description of the LED variants

Depending on the type of application, the light profile "Carmen" can be fitted with different LEDs.

#### Accent lighting (Type 1)

"Carmen" Type 1 is the right choice for a subtle illumination of walls, pictures or information signs.

The LEDs are spaced at 15 mm intervals. The energy consumption is low – a 1.5 m long, continuously operated luminaire requires 105 kWh per year.

**Power consumption: approx. 13.3 watts/metre**

*Type 1*



#### Illumination of advertising spaces or room lighting (Type 3)

The High-Power LEDs spaced at 50 mm intervals make the "Carmen" Type 3 particularly suitable for room lighting and the illumination of advertising spaces.

This LED arrangement provides a very high brightness. For a better direction of the light the LEDs can be equipped with lenses (40° or 23x45°).

**Power consumption: approx. 23,5 watts/metre**

*Type 3*



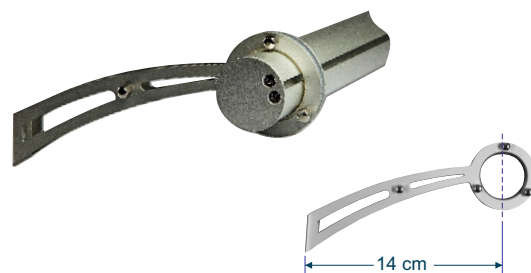
## Light Profile „Carmen“

### Mounting and fixing

We offer three mounting possibilities for the light profile „Carmen“:

- **Wall mount** for floodlighting  
Distance to wall: 14 cm  
Luminaire can be rotated
- **End cap with angle bracket**  
Distance to wall/ceiling: 1 cm  
Luminaire can be rotated  
Suitable as wall washer
- **Wire suspension**  
Wire length: 1.5 m  
Luminaire can be rotated  
For suspension from ceiling

Wall mount



End cap with angle bracket



End cap for wire suspension



### Light colours of the LEDs

The light profile „Carmen“ can be supplied with the following LED light colours for illumination/floodlighting and lighting purposes:

3,000 K (warm white) · 4,000 K · 5,000 K · 6,500 K (cool white)

### Power supplies & converters

The two 12 V variants of the „Carmen“ (**Type 1** and **Type 3**) can be operated with the usual potted power supply units or plug-in power supply units.

Please note that the maximum rating of the power supply unit must not be exceeded.

### Available lengths

The light profile „Carmen“ is manufactured in **custom lengths** of **max. 3,000 mm**. With rotatable wall mount the maximum length is 2,000 mm.

### Surface quality aluminium profile

Surface class 3: high surface requirements. No impact marks, transverse or longitudinal cracks or extrusion marks must be visible at a distance of 2 metres.

