

Description

Light Profile „Carmen“



Technical description

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

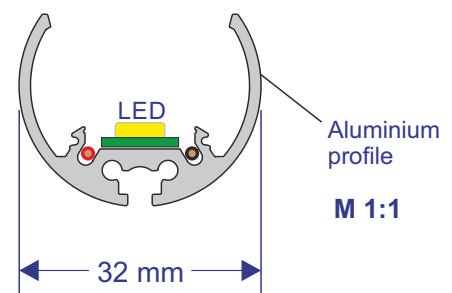
In addition, it can be used for the illumination/flood-lighting of objects, pictures, advertising spaces etc.

The key features of “**Carmen**” are:

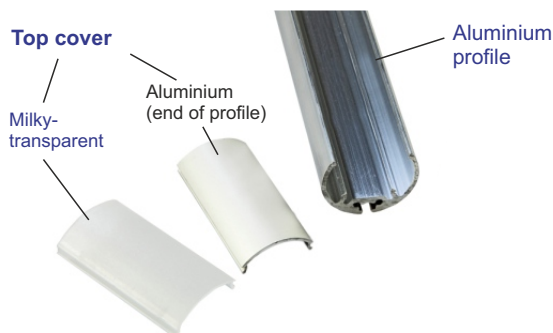
- **Circular cross-section of the profile**
- **Custom-made length, max. 3,000 mm**
- **Two different power classes**
- **Five light colours:**
2,700 K • 3,000 K • 4,000 K • 5,000 K • 6,500 K
- **12 volts - safety extra-low voltage (SELV) operation**

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**)



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

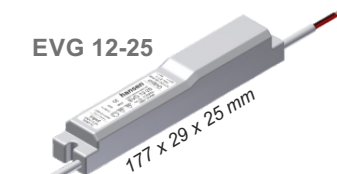
The two 12 V variants of the „Carmen“ (**Type 1** and **Type 3**) can be operated with the usual potted power supply units or plug-in power supply units.

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

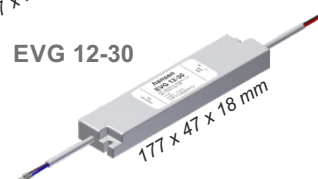
Available lengths

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.

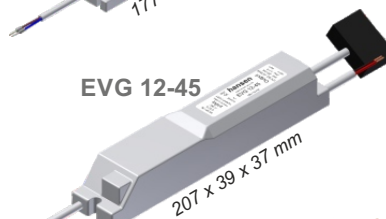
EVG 12-25



EVG 12-30



EVG 12-45



EVG 12-60
196 x 62 x 39 mm
EVG 12-150
228 x 68 x 39 mm

