



## CirLAMP 8180

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CirLAMP 8180

Code: M63002. DESCATALOGADO

> Input/Output module

### Description

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The solution developed by CIRCUITOR based on CirLamp, enables smart street lighting management, to improve efficiency and reduce energy consumption. The possibility of remotely controlling the working of each lighting point offers numerous advantages over alternatives that propose single head-end control. The CirLamp system provides both the flexibility of point-to-point control and ease of maintenance management, having a direct impact on electrical energy consumption and user satisfaction.

### Application

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There are many types of installations where a CirLamp system can lead to significant savings. These range from street lighting installations to lighting control in tunnels, and include any type of industrial application.



## CirLAMP 8180

Public lighting control system

Code: M63002.

### Specifications

#### DC power supply

Consumption	< 3W
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#### Environmental characteristics

Protection class	IP 41
Relative humidity (without condensation)	5 ... 95 %
Storage temperature	-35 ... +80 °C
Working temperature	-25 ... +70 °C

#### Mechanical characteristics

Envelope	Polycarbonate
Weight (kg)	0,54

#### Standards

Electrical safety, Maximum height (m)	2000
Standards	UNE-EN 61010-1, UNE-EN 61000-6-4, UNE-EN 61000-6-2

#### Digital inputs

Input/output insulation	4 kV RMS 50 Hz for 1 minute
Quantity	8
Type	Short-circuit activated
Maximum short-circuit current	4 mA
Operating voltage	12 Vdc

#### Digital relay outputs

Quantity	8
Maximum current	6A
Insulation voltage	4kV RMS 50 Hz for 1 minute
Maximum open contact voltage	250 V ~
Electrical life	6 x 10 <sup>4</sup> (a máxima carga)
Mechanical life	1 x 10 <sup>7</sup>
Maximum switching capacity	1500VA - 180W

B-band PLC Communications in compliance with CENELEC regulations, with a DCSK system, Detection of operating errors in the light for maintenance purposes: Blown lamp, Flashing lamp, Open capacitor, Number of operating hours of the lamp.