SPOT V50-STM

SPOT LEDS WITH FLY-BOP DEVICE

Applications:

- Electrical cabinet lighting
- Machine lighting
- Industrial lighting

Pros:

- FLY-BOP **device** (Rapid progressive lighting up) & (Slow progressive extinguishment)
- Adjustable power level
- Overheating protection
- Optimized feed & consumption
- Industrial grade led
- Operating temperature at +70°C
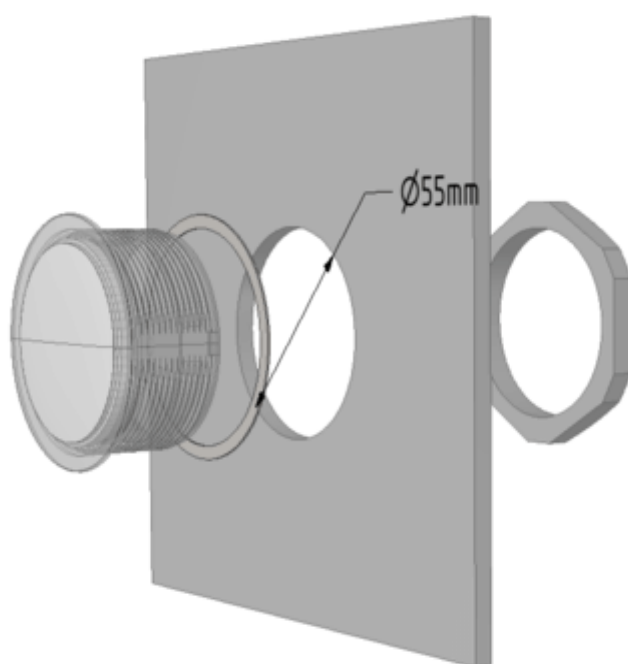- IP69K Front panel
- Power supply: 10 to 30V

Description

The product V50-STM is a spotlight with the following characteristics:

- Adjustable power level
- Gradual on and off
- Debounce function on the input control
- Overheating protection

Assembly / Installation

The V50-STM product is fastened through a wall with a 55 mm diameter hole.
The silicone gasket is placed between the housing and the wall to seal.
The nut behind the wall allows the unit to be attached with hand tightening.

Operation

The product must be powered on. Input E1 is driven by a voltage pulse. The pulse width defines the following functions:

- Pulse less than 50 ms not taken into account (debounce filtering)
- Pulse between 50ms and 1 second: full power on (if the spot is off) or off (if the spot is on).
- Pulse greater than 1 second: brightness adjustment according to the pulse duration (from maximum brightness to minimum brightness). The setting is stopped when the minimum brightness is reached.

If the ambient temperature is above 70°C, an internal protection protects the reliability of the spot by adjusting the light output. Reaching a critical temperature (around 100°C ambient) the spot is completely deactivated.

The automatic adjustment of the light output of the spot according to the ambient temperature is very slow and therefore not detectable by the human eye.
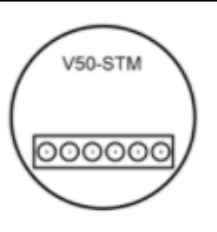
Technical specifications

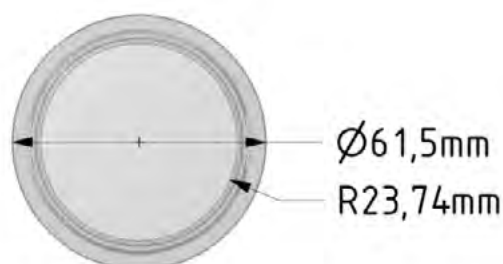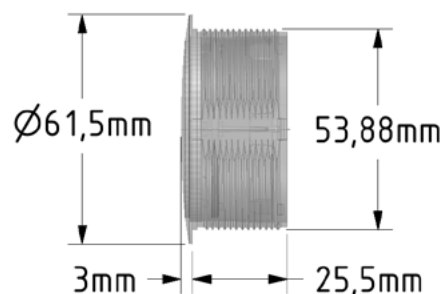|	
Supply voltage	10 - 30VDC
Nominal voltage	24 VDC
Temperature	-25˚C to +70˚C
IP Front panel	IP69K (+ silicone seal/nut)
IP Rear panel	IP40 Terminal block
Connection	Terminal block: wire 0.2-1.5mm²
Maximum current in the contacts	180 mA
Brightness	220 lumens max
Light density at 30 cm	940 lux
Housing material	PP-ULV0
Indicator life time	6600 hours
Input E1: impedance	100 kOhms
Input E1: low level	0-5 VDC
Input E1: high level	10 - 30 VDC

Connectors

Terminal block version

Pin number	Function
1	10VDC - 30VDC
2	0 VDC
3	E1 PNP

V50-STM

Item code

V50-STM ☐

W : White housing
Y : Yellow housing
B : Black housing

Dimensions

Ø61,5mm   53,88mm

3mm   25,5mm

Ø61,5mm
R23,74mm

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