

# Signal Lamp

F - Direct voltage - Ø 8mm

**Faz**/engineering   
Innovative and industrial signage and applications

by **Fazim**/Group 



Reference :  
*VOLTAGE* + CC + *COLOR* + 8

Example : 24CCR8

## / Generalities

We present here the Ø8mm direct voltage LED signal lamps in a very reduced size ! Perfect for your synoptic board or electrical cabinet, with 1 LED, in fixed light for « voltage presence ». The proven robustness of these lights, you can install them in humid and disturbed environments.

## / Description

- Body : In plastic, nut mounting galvanized steel, brake galvanized steel ring, diam 8mm (0.315"), IP67 in front face thanks to sealing ring gasket on the LED and the flat gasket on the body, Rohs compliant, CE & UL.

- Front face : 1 color LED, epoxy lense, lense diameter 5mm.

Available colors : red (R), green (V), yellow (J), white (Bc), or blue (Be).

Brightness : Red (5mcd), Green (4mcd), Yellow (3mcd), Blue (30mcd), White (25mcd).

Wavelength : Red (625nm), Green (568nm), Yellow (588nm), Blue (470nm) and white (X=0.31/y=0.31).

## / Technical specifications

- Supply voltages and consumptions (+/-10%) :

Voltages \ Colors	12Vcc	24Vcc	48Vcc
R, V, J	120 mW	240 mW	480 mW
Be, Bc	240 mW	480 mW	960 mW

- Conformities : Norms EN55015, EN61547, EN61000-6-2, EN61000-6-4, RoHS, Reach, CE, UL.

- Lifetime (MTBF\*) : 50 000 hours.

- Operating temperature : -25°C à +60°C (-13°F to 140°F).

- IP protection standard : IP67 (in front face).

(\* : mean time between failure)

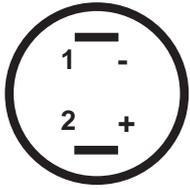
## / Advantages

- Insensitivity to vibrations, mechanical shocks.
- Resistance to moisture and water splashes.
- Electrical shocks resist : 5KV during 50µs.
- Immunity against magnetic fields.
- Assembly and disassembly easy, fast and secure .
- Exceptionally long life and unparalleled.
- Low power consumption and heat dissipation.



## Connections

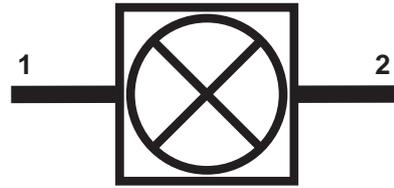
- 2 Quick-Fit male terminals 2.8mm (0.110")
- or output wiring terminals about 30cm



+ : Gold lug.

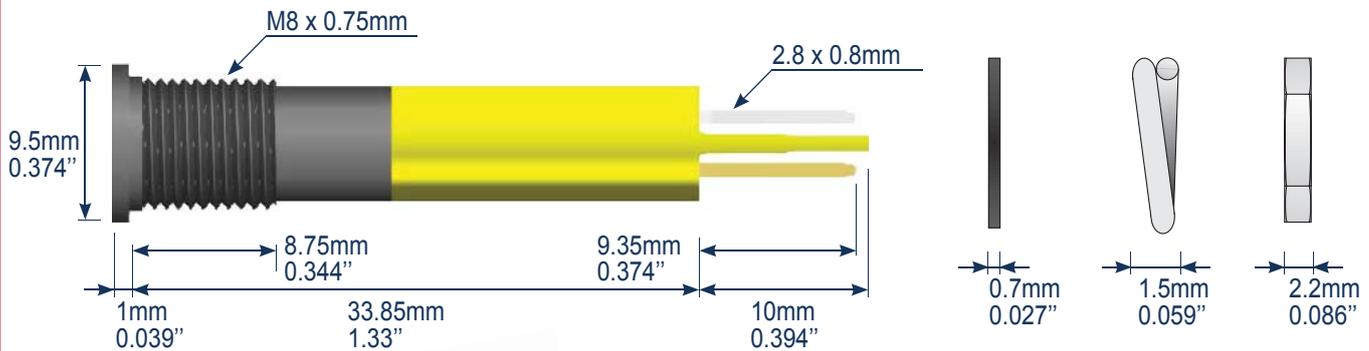
- : Silver lug.

## Electrical symbol



## Caractéristiques mécaniques

- Fixing : standard drilling  $\varnothing 8\text{mm}$  (0.315"), +/-0.5mm



## Working

- Off :



- On :



## Options & warranty

- Options : On request, other voltages, output wiring.
- Warranty : 12 month manufacturer. Never dismantle the body's lamp, don't break or burn the lamp with an external device or lose the guarantee.
- Recommendation : The Quick-Fit Terminal Male must be completely covered with isolation that can be removed only by destruction. (example : electrical insulated connectors or heat shrink tubing.)