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CML INNOVATIVE TECHNOLOGIES
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A Grupo Antolin Company

# PRODUCT DATA SHEET

PL08SL Series (Single/Bi-colour 2 wire)
Ø8mm stainless steel panel lights

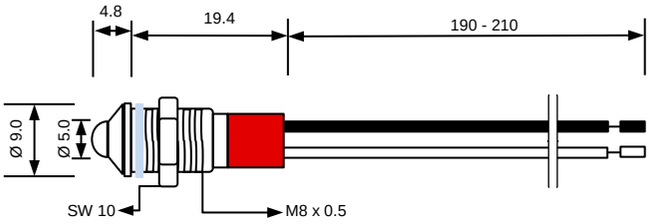
## Product Configuration

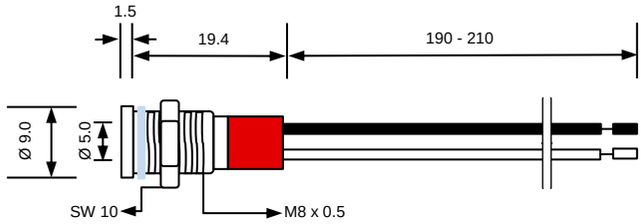
| PL08 | S | L | ○ | ◇ | ◆ |
|---|---|---|---|---|---|
| **Series**<br>Ø8mm | **Bezel Material**<br>**S**: Stainless steel | **Terminal**<br>**L**: Lead Wire | **○ Lens style**<br>**0**: Flat<br>**1:** Prom/Round | **◇ LED Colour**<br>**1**: Red<br>**2**: Green<br>**5**: Blue<br>**6:** White<br>**7:** Red/Green | **◆ LED Voltage**<br>**2**: 12V<br>**3**: 24V<br>**5:** 110V<br>**6:** 240V |

Example Part Number

*PL08SL023* Panel indicator 8mm diameter, stainless steel bezel, lead wire terminated, flat lens, Green, 24V.

## Outline Dimensions (mm) - Not to scale








| Colour | Typ. Wave length (Nm) | Typ. Colour Temp (K) | Viewing Angle (º) | | Typ. Luminous Intensity (mcd) | |
|---|---|---|---|---|---|---|
| | | | Rnd | Flat | Rnd | Flat |
| Red | 625 | N/A | 140 | 140 | 1000 | 600 |
| Green | 520 | N/A | 140 | 140 | 2200 | 1300 |
| Blue | 470 | N/A | 140 | 140 | 350 | 210 |
| White | N/A | 9000 | 140 | 140 | 1000 | 600 |

Notes:

| | | |
|---|---|---|
| 1 | **Optical Data** | Applies to component LED @ 25ºC, 20mA |
| 2 | **Red/Green variant** | Illuminates Red or Green dependant on Black wire ± polarity. |
| 3 | **Body Material** | Bezel - Stainless Steel 304, Housing – PA6 |
| 4 | **Wire Gauge** | 24 AWG |
| 5 | **LED Life (Average)** | 50000 Hrs |
| 6 | **Operating Current** | AC/DC |
| 7 | **Current Rating** | ≤ 20mA |
| 8 | **Protection** | IP67 |
| 9 | **Environmental** | RoHS & REACH SVHC compliant |
| 10 | **Marking** | Voltage, colour, CE/UKCA (110V, 240V only) |
| 11 | **Operating Temp** | -25ºC~+65ºC |
| 12 | **Max Panel Thickness** | Advised 5mm, Absolute 7.5mm. |



Issue 1: 22/05/23

CML Innovative Technologies Ltd • 69-70 Eastern Way • Bury St Edmunds • Suffolk • IP32 7AB • England
Tel: +44 (0) 1284 714700 • Fax: +44 (0) 1284 724850 • www.cml-it.com
Registered Office: Eastern Way, Bury St Edmunds – Registration No. 265006 England

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