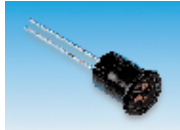


LED Indicators, 5mm Lens Diameter — Continued

5mm

BOSS INDUSTRIAL MOULDINGS



Flash mounting glass filled nylon body with integral LED and polycarbonate lens. Fluted sides for push-in fitting.

Approved to **BS EN 60-335-1**, **BS EN 60-065**, **BS EN61010-1** and **BS EN60950**

Body length = 10.0., Bezel = 1.0 9.5 dia,
Panel cut-out = 8.0 dia.,
Panel thickness 0.5-3.5, Short lead is anode

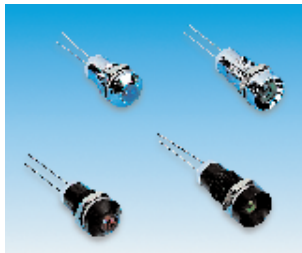
Operating temperature 0°C - 85°C Viewing angle 60°
Maximum power dissipation 225mW

| | I _F (typ) | V _F (typ) | V _R (typ) |
|--------|-------------------------|-------------------------|-------------------------|
| Red | 15mA | 2V | 3V |
| Green | 40mA | 2.5V | 3V |
| Yellow | 40mA | 2.5V | 3V |

OPT458

| Colour | Order Code | Price Each | | | |
|--------|----------------|------------|-----|------|-----------|
| | | 1+ | 50+ | 100+ | 250+ 500+ |
| Red | 881-570 | | | | |
| Green | 881-582 | | | | |
| Yellow | 881-594 | | | | |

5mm



A range of panel mounting LED indicators in high quality bright chrome or black chrome plated brass housings. Fitted with fixing nut and washer. CE approved.

Bezel = 5.0 9.5 dia (Prominent), 3.0 9.5 (Recessed) Total L behind bezel = 12.0 (Prominent), 15.0 (Recessed) Mounting hole dia = 8.0, Shorter lead cathode

| Style | Colour | Type. Lum. Intensity (mcd) @ I _F = 20mA | V _F (typ.) V | I _F (max) mA |
|-----------|-------------|--|-------------------------|-------------------------|
| Prominent | HE Red | 20 | 2.0-2.6 | 45 |
| Recessed | HE Red | 27 | 2.0-2.6 | 45 |
| Prominent | Green | 25 | 2.0-2.6 | 45 |
| Recessed | Green | 30 | 2.0-2.6 | 45 |
| Prominent | Yellow | 25 | 2.0-2.6 | 45 |
| Recessed | Yellow | 27 | 2.0-2.6 | 45 |
| Prominent | Pure Orange | 20 | 2.0-2.6 | 30 |
| Recessed | Pure Orange | 27 | 2.0-2.6 | 30 |
| Prominent | Blue | 6 | 3.8-4.4 | 50 |
| Recessed | Blue | 7 | 3.8-4.4 | 50 |

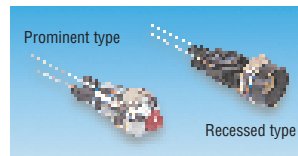
OPT498

| Colour | Order Code | Price Each | | | |
|----------------------------------|----------------|------------|-----|------|-----------|
| | | 1+ | 25+ | 100+ | 250+ 500+ |
| Bright Chrome – Prominent | | | | | |
| HE Red | 882-689 | | | | |
| Green | 882-690 | | | | |
| Yellow | 882-707 | | | | |
| Pure Orange | 882-719 | | | | |
| Blue | 882-720 | | | | |
| Bright Chrome – Recessed | | | | | |
| HE Red | 882-732 | | | | |
| Green | 882-744 | | | | |
| Yellow | 882-756 | | | | |
| Pure Orange | 882-768 | | | | |
| Blue | 882-770 | | | | |
| Black Chrome – Prominent | | | | | |
| HE Red | 882-781 | | | | |
| Green | 882-793 | | | | |
| Yellow | 882-800 | | | | |
| Pure Orange | 882-811 | | | | |
| Blue | 882-823 | | | | |
| Black Chrome – Recessed | | | | | |
| HE Red | 882-835 | | | | |
| Green | 882-847 | | | | |
| Yellow | 882-859 | | | | |
| Pure Orange | 882-860 | | | | |
| Blue | 882-872 | | | | |

Fixed Prices

We aim to maintain all prices in this book for the lifetime of this issue.

5mm



Panel mounting LEDs in bright or black chrome plated brass bezels. The LED is detachable from its housing. The indicators are available with either recessed or prominent LEDs.

Body length (overall) = 22.3 (prominent), 23.3 (recessed)
Bezel dia = 9.5 Mounting hole dia = 8.2
Thread = M8 0.75 Short lead is cathode

Operating temperature -25°C to +100°C Viewing angle 120°
Maximum power dissipation 100mW

| | I _F max. | V _F typ. | V _R max. | Typ. Lum. Intensity (mcd) |
|--------|------------------------|------------------------|------------------------|---------------------------|
| Red | 50mA | 1.6V | 5V | 6 @ 10mA |
| Green | 30mA | 2.4V | 5V | 9 @ 10mA |
| Yellow | 30mA | 2.4V | 5V | 9 @ 10mA |

OPT63

| Colour | Order Code | Price Each | |
|----------------------------------|----------------|------------|----------|
| | | 1+ | 50+ 100+ |
| Prominent – Bright Chrome | | | |
| Red | 170-148 | | |
| Green | 170-149 | | |
| Yellow | 170-627 | | |
| Recessed – Bright Chrome | | | |
| Red | 170-151 | | |
| Green | 170-152 | | |
| Yellow | 170-628 | | |
| Prominent – Black Chrome | | | |
| Red | 232-191 | | |
| Green | 232-208 | | |
| Yellow | 232-210 | | |
| Recessed – Black Chrome | | | |
| Red | 232-221 | | |
| Green | 232-233 | | |
| Yellow | 232-245 | | |

5mm



A range of panel mounting LED indicators in a high quality bright chrome or black chrome brass housing fitted with fixing nut and washer. The LED is detachable from the brass housing, available with either prominent or recessed bezel.

Total L behind bezel = 31.5, (prominent) 35 (recessed),
Body L (overall) = 21.5 (prominent) 23 (recessed), Bezel dia. = 9.5,
Thread = M8 0.75, Mounting hole dia. = 8.2, Short lead cathode

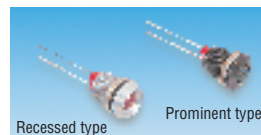
Operating Temperature: -40°C to +60°C Reverse Voltage (max): 5V

| | I _F max. | V _F typ. | Typical luminous intensity (mcd) |
|--------|---------------------|---------------------|----------------------------------|
| Red | 30 | 2.0 | 80 |
| Green | 25 | 2.2 | 32 |
| Yellow | 30 | 2.1 | 32 |

OPT663

| Colour | Order Code | Price Each | | |
|----------------------------------|-----------------|------------|-----|----------|
| | | 1+ | 25+ | 50+ 100+ |
| Prominent - Bright Chrome | | | | |
| Red | 316-7940 | | | |
| Green | 316-7951 | | | |
| Yellow | 316-7963 | | | |
| Recessed - Bright Chrome | | | | |
| Red | 316-7975 | | | |
| Green | 316-7987 | | | |
| Yellow | 316-7999 | | | |
| Prominent - Black Chrome | | | | |
| Red | 316-8001 | | | |
| Green | 316-8013 | | | |
| Yellow | 316-8025 | | | |
| Recessed - Black Chrome | | | | |
| Red | 316-8037 | | | |
| Green | 316-8049 | | | |
| Yellow | 316-8050 | | | |

5mm, Sealed



Body length = 14.2, Bezel dia = 10.3 Mounting hole dia = 8.0 Thread = 0.312" 32 TPI
Max panel thickness = 5.6
Long lead is cathode

Waterproofed to **IP66**. The aluminium threaded bodies are either clear or black anodised, and are available with either prominent or recessed LEDs.

Operating temperature -40°C to +100°C Maximum power dissipation 105mW

| | I _F max. | V _F typ. | V _R max. | Typ. Lum. Intensity (mcd) |
|--------|------------------------|------------------------|------------------------|---------------------------|
| Red | 35mA | 2.0V | 5V | 6.0 @ 20mA |
| Green | 35mA | 2.2V | 5V | 6.0 @ 20mA |
| Yellow | 35mA | 2.1V | 5V | 6.0 @ 20mA |

OPT190