



LED MODULE PILOT LIGHTS

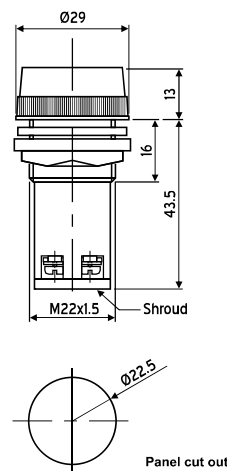
LM - SERIES

- Characteristics
- Excellent illumination
 - Long life
 - With surge protection
 - Low current consumption
 - Incorporates solid-state devices
 - Shock proof and vibration resistant
 - Modular in construction
 - Capable of withstanding wide voltage variations
 - Fine serrated lens
 - Compact in size and are available for direct connection across 415V AC Supply
 - Available in Red, Green, Yellow, Amber, Blue and White colour Lens with and without diffuser
 - Provided with a shroud to cover terminals. Shroud is detachable to facilitate termination through lugs
 - Available with LVGP. (Low Voltage Glow Protection)

CE

Without LVGP

| Ordering code | Voltage |
|-----------------------|----------------------------------|
| LM()D 24V AC | 24V AC |
| LM()D 48V AC | 48V AC |
| LM()D 110V AC | 110V AC |
| LM()D 220V AC | 220V AC |
| LM()D 415V AC | 415V AC |
| LM()D 12V DC | 12V DC |
| LM()D 24V DC | 24V DC |
| LM()D 48V DC | 48V DC |
| LM()D 110V DC | 110V DC |
| LM()D 220V DC | 220V DC |
| LM()D M | Multi voltage (24 to 220V AC/DC) |



TECHNICAL DATA (For complete LM Series shown on Page 1, 2, & 3)

| | |
|-------------------------|---|
| Current | 10mA to 15mA (voltage dependant) |
| Voltage | 24, 48, 110, 220, 415 V AC 12, 24, 48, 110, 220 V DC Multi voltage 24 to 220V AC/DC |
| Voltage variation | ±20% of operating voltage |
| Insulation resistance | > 500 Mohms |
| Dielectric test voltage | 2.5 KVAC for 1 minute |
| Illumination method | Light emitting diodes controlled by electronic circuitry |
| Ambient temperature | -20°C to + 75°C |
| Available colour | Red, Green, Yellow, Amber, White and Blue |
| Bezel colour | Off-White |
| Material | Thermoplastic with ribbed polycarbonate lens |
| Terminal | M3 screw with captive washer |
| Cut-out required | 22.5 mm. dia |
| Ingress protection | IP20 (rear), IP65 (front) |

All dimensions are in mm.
Due to continuous improvement in products, we reserve the right to alter specifications without prior notice



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LM - SERIES

With LVGP
(Low Voltage Glow Protection)

| Ordering code | Voltage |
|-------------------------|---------|
| LM()D L 24V AC | 24V AC |
| LM()D L 48V AC | 48V AC |
| LM()D L 110V AC | 110V AC |
| LM()D L 220V AC | 220V AC |
| LM()D L 12V DC | 12V DC |
| LM()D L 24V DC | 24V DC |
| LM()D L 48V DC | 48V DC |
| LM()D L 110V DC | 110V DC |
| LM()D L 220V DC | 220V DC |

415V AC & Multivoltage LED module pilot lights do not have LVGP facility.

With Surge Protection

| Ordering code | Voltage |
|-------------------------|---------------------------------|
| LM()D S 24V AC | 24V AC |
| LM()D S 48V AC | 48V AC |
| LM()D S 110V AC | 110V AC |
| LM()D S 220V AC | 220V AC |
| LM()D S 12V DC | 12V DC |
| LM()D S 24V DC | 24V DC |
| LM()D S 48V DC | 48V DC |
| LM()D S 110V DC | 110V DC |
| LM()D S 220V DC | 220V DC |
| LM()D S M | Multivoltage (24 to 220V AC/DC) |

() Colour : Red - R, Green - G, White - W, Amber - A, Blue - B, Yellow - Y

Ordering code

| Series | Colour | with Diffuser | with LVGP | Voltage |
|-----------|------------|-------------------|---------------------------|---------------------------------------|
| LM | R | D | L | 220 VAC |
| | R - Red | with Diffuser - D | Omitted : without LVGP | 24, 48, 110, 220, 415 VAC |
| | G - Green | | L : with LVGP | 12, 24, 48, 110, 220 VDC |
| | W - White | | S : with surge protection | M : Multi voltage (24 - 220 V AC /DC) |
| | A - Amber | | | |
| | B - Blue | | | |
| | Y - Yellow | | | |

Note : For clustered LED upto 3 Nos. please add '3' in prefix
e.g : 3 LMRD 220 AC

ADAPTOR PLATES

Material Steel
Plating Nickel
Ordering Code 'AD25' suitable for 25.5 mm. cut-out.
'AD30' suitable for 30.5 mm. cut-out.
'AD45' suitable for 45 mm. cut-out.
Other sizes on request.



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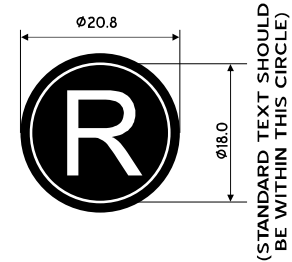


LED MODULE PILOT LIGHTS WITH LEGEND

LM - SERIES

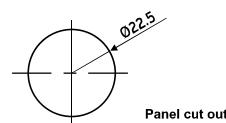
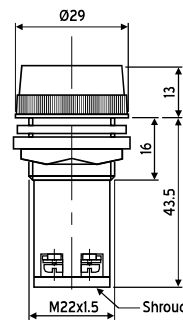
Without LVGP

| Ordering code | Voltage |
|------------------------|---------------------------------|
| LM(D) * 24V AC | 24V AC |
| LM(D) * 48V AC | 48V AC |
| LM(D) * 110V AC | 110V AC |
| LM(D) * 220V AC | 220V AC |
| LM(D) * 415V AC | 415V AC |
| LM(D) * 12V DC | 12V DC |
| LM(D) * 24V DC | 24V DC |
| LM(D) * 48V DC | 48V DC |
| LM(D) * 110V DC | 110V DC |
| LM(D) * 220V DC | 220V DC |
| LM(D) * M | Multivoltage (24 to 220V AC/DC) |



With LVGP
(Low Voltage Glow Protection)

| Ordering code | Voltage |
|--------------------------|---------|
| LM(D) * L 24V AC | 24V AC |
| LM(D) * L 48V AC | 48V AC |
| LM(D) * L 110V AC | 110V AC |
| LM(D) * L 220V AC | 220V AC |
| LM(D) * L 12V DC | 12V DC |
| LM(D) * L 24V DC | 24V DC |
| LM(D) * L 48V DC | 48V DC |
| LM(D) * L 110V DC | 110V DC |
| LM(D) * L 220V DC | 220V DC |



415V AC & Multivoltage LED module pilot lights do not have LVGP facility.

For Legend at * Refer Table Below

| S. NO. | LEGEND | S. NO. | LEGEND | S. NO. | LEGEND | S. NO. | LEGEND |
|--------|--------|--------|--------|--------|--------|--------|--------------|
| 01 | START | 11 | AUTO | 21 | 0 | 31 | W |
| 02 | STOP | 12 | HAND | 22 | 1 | 32 | A |
| 03 | FWD | 13 | RESET | 23 | 2 | 33 | TRIP |
| 04 | REV | 14 | INCH | 24 | 3 | 34 | SPRG. CHR.G. |
| 05 | UP | 15 | SLOW | 25 | ↑ | 35 | HLTHY |
| 06 | DOWN | 16 | FAST | 26 | L | 36 | FAIL |
| 07 | ON | 17 | PWR ON | 27 | R | 40 | SERV POSN |
| 08 | OFF | 18 | E.STOP | 28 | Y | 41 | TRIP POSN |
| 09 | OPEN | 19 | RIGHT | 29 | B | 46 | TRIP HLTHY |
| 10 | CLOSE | 20 | LEFT | 30 | G | | |

() Colour Red - R
Amber - A
Green - G
Blue - B

Other legends also available on request.

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