

# T1<sup>3/4</sup> MIDGET FLANGE BASE LED LAMP

## AC/DC BI-POLAR OPERATION

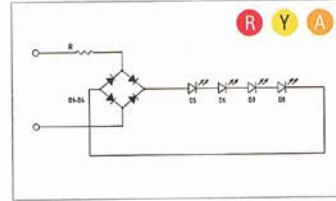
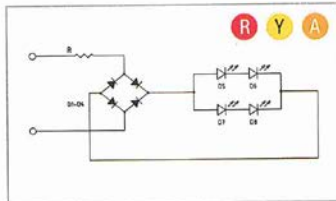
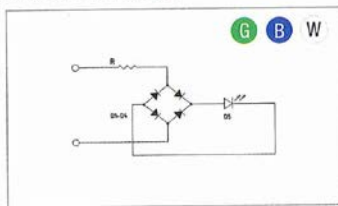
### WITH FULL WAVE RECTIFIER

| PART NO.     | COLOR  | VOLTAGE<br>V <sub>OP</sub> [V]<br>AC/DC | CURRENT<br>I <sub>OP typ.</sub> [mA]<br>AC/DC | LUMI. INTENSITY<br>LED<br>I <sub>V typ.</sub> [mcd] | DOMINANT<br>WAVELENGTH<br>λ <sub>D</sub> [nm] / CCT [K] |
|--------------|--------|-----------------------------------------|-----------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| WL-1510M15UR | RED    | 6V                                      | 20                                            | 150                                                 | 630                                                     |
| WL-1510M15UG | GREEN  | 6V                                      | 20                                            | 350                                                 | 525                                                     |
| WL-1510M15UY | YELLOW | 6V                                      | 20                                            | 320                                                 | 590                                                     |
| WL-1510M15UB | BLUE   | 6V                                      | 20                                            | 180                                                 | 470                                                     |
| WL-1510M15UW | WHITE  | 6V                                      | 20                                            | 500                                                 | 6000K                                                   |
| WL-1510M25UR | RED    | 12V                                     | 15                                            | 230                                                 | 630                                                     |
| WL-1510M25UG | GREEN  | 12V                                     | 15                                            | 480                                                 | 525                                                     |
| WL-1510M25UY | YELLOW | 12V                                     | 15                                            | 450                                                 | 590                                                     |
| WL-1510M25UB | BLUE   | 12V                                     | 15                                            | 200                                                 | 470                                                     |
| WL-1510M25UW | WHITE  | 12V                                     | 15                                            | 600                                                 | 6000K                                                   |
| WL-1510M35UR | RED    | 24V                                     | 15                                            | 230                                                 | 630                                                     |
| WL-1510M35UG | GREEN  | 24V                                     | 15                                            | 480                                                 | 525                                                     |
| WL-1510M35UY | YELLOW | 24V                                     | 15                                            | 450                                                 | 590                                                     |
| WL-1510M35UB | BLUE   | 24V                                     | 15                                            | 200                                                 | 470                                                     |
| WL-1510M35UW | WHITE  | 24V                                     | 15                                            | 600                                                 | 6000K                                                   |
| WL-1510M45UR | RED    | 28V                                     | 15                                            | 230                                                 | 630                                                     |
| WL-1510M45UG | GREEN  | 28V                                     | 15                                            | 480                                                 | 525                                                     |
| WL-1510M45UY | YELLOW | 28V                                     | 15                                            | 450                                                 | 590                                                     |
| WL-1510M45UB | BLUE   | 28V                                     | 15                                            | 200                                                 | 470                                                     |
| WL-1510M45UW | WHITE  | 28V                                     | 15                                            | 600                                                 | 6000K                                                   |

\*Chromaticity coordinates X=0.31 Y=0.32

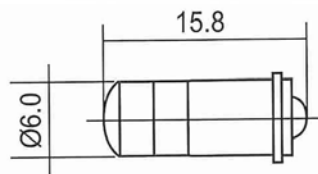
\*\* Luminous intensity data of the used LEDs at: I<sub>OP</sub> DC

#### Circuit Diagram



## DIMENSIONAL CHARACTERISTICS

unless otherwise specified, all dimensions are in mm



## OPTIONS

Additional options and lens styles available. Please contact Wamco for more information.

## NOTES

- Storage temperature  
T<sub>STG</sub>: -20°C – +80°C
- Ambient temperature  
T<sub>A</sub>: -10°C – +50°C
- AC/DC operation
- Voltage tolerance  
V<sub>OP</sub>: ±10%
- Electro-optical ratings at  
T<sub>A</sub>=25°C
- These Wamco LED lamps include a full wave rectifier and can be used on DC and AC operation
- Bi-polar construction allows for use in sockets with positive or negative primary contact
- 120° wide beam angle is ideal for switch and panel lighting applications
- Due to production tolerances, slight color variations may be detected within individual consignments
- Industry standard SX6 base

## CERTIFICATIONS

**RoHS**  
COMPLIANT



**wamco**  
LIGHTING

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WL-1510MXXX Series Rev 1