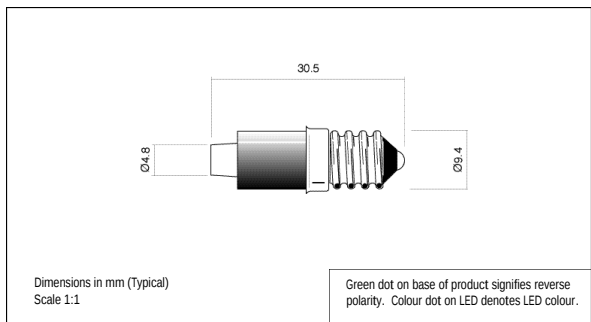


## FILAMENT REPLACEMENT LEDs - T3 1/4



- Direct replacement for T3 1/4 MES E10
- Centre cathode polarity options
- Centre contact, anode as standard
- AC versions available



211 SERIES

MLQ = 20



### Ordering Information & Typical Technical Characteristics (Ta = 25°C)

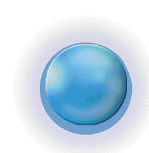
Mean Time Between Failure = 100,000 Hours. Luminous intensity figures refer to the unmodified discrete LED.

| PART NUMBER    | COLOUR | LENS        | VOLTAGE<br>DC<br>Vopr | CURRENT<br>DC<br>Iopr | LUMINOUS<br>INTENSITY<br>Iv@20mA | WAVE<br>LENGTH<br>I p | VIEWING<br>ANGLE | OPERATING<br>TEMP<br>Topr | STORAGE<br>TEMP<br>Tstg |
|----------------|--------|-------------|-----------------------|-----------------------|----------------------------------|-----------------------|------------------|---------------------------|-------------------------|
| HIGH INTENSITY |        |             |                       |                       |                                  |                       |                  |                           |                         |
| 211-501-04-38  | Red    | Water Clear | 1.9*                  | 20                    | 2750                             | 660                   | Wide             | -40 ~ +80                 | -40 ~ +80               |
| 211-521-04-38  | Yellow |             | 2.0*                  | 20                    | 4500                             | 590                   |                  |                           |                         |
| 211-532-04-38  | Green  |             | 3.4*                  | 20                    | 6000                             | 525                   |                  |                           |                         |
| 211-930-04-38  | Blue   |             | 3.4*                  | 20                    | 2000                             | 470                   |                  |                           |                         |
| 211-997-04-38  | White  |             | 3.4*                  | 20                    | 3000                             | •                     |                  |                           |                         |
| 211-501-20-38  | Red    |             | 5/6                   | 16                    | 2750                             | 660                   |                  |                           |                         |
| 211-521-20-38  | Yellow |             | 5/6                   | 15                    | 4500                             | 590                   |                  |                           |                         |
| 211-532-20-38  | Green  |             | 5/6                   | 14                    | 6000                             | 525                   |                  |                           |                         |
| 211-930-20-38  | Blue   |             | 5/6                   | 14                    | 2000                             | 470                   |                  |                           |                         |
| 211-997-20-38  | White  |             | 5/6                   | 14                    | 3000                             | •                     |                  |                           |                         |
| 211-501-22-38  | Red    |             | 24                    | 20                    | 2750                             | 660                   |                  |                           |                         |
| 211-521-22-38  | Yellow |             | 24                    | 20                    | 4500                             | 590                   |                  |                           |                         |
| 211-532-22-38  | Green  |             | 24                    | 20                    | 6000                             | 525                   |                  |                           |                         |
| 211-930-22-38  | Blue   |             | 24                    | 20                    | 2000                             | 470                   |                  |                           |                         |
| 211-997-22-38  | White  |             | 24                    | 20                    | 3000                             | •                     |                  |                           |                         |
| UNITS          |        |             | Vdc                   | mA                    | mcd                              | nm                    |                  | °C                        | °C                      |

\* = Voltage DC for 20mA product is Vf@20mA, not Vopr

• = Typical emission colour: x=0.31, y=0.32. Colour temperature 8000K.  
Intensities (Iv) and colour shades of white (x,y co-ordinates) may vary between LEDs within a batch.

Please note - This product is also available at 12, 28 and 48Vdc. Please contact our Sales department for further details.



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