



# VC15121 Series

## T-1 3/4 Midget Groove Based LED

### Description and Features

- Replaces incandescent lamp #'s
  - 12V — 336, 386, 393
  - 24V and 28V — 276, 334, 388
- Extremely high brightness with low current draw
- Long life — typically 100K hours vs. 10K hours
- Low heat generation
- Available in five standard colors. Custom colors available upon request
- Shock and vibration proof
- Storage temperature: -40°C - +85°C
- Ambient temperature: -40°C - +85°C
- Due to production tolerances, color temperature variations may be detected within individual consignments



### Electro-Optical Characteristics and Ratings

| Part Number  | Color          | Voltage<br>V DC | Current<br>mA | Lumi.<br>Intensity<br>mcd | Peak<br>Wavelength<br>nm | 50%<br>Power<br>Angle (deg) |
|--------------|----------------|-----------------|---------------|---------------------------|--------------------------|-----------------------------|
| VC1512125UR3 | Red            | 12              | 7 / 14        | 330                       | 630                      | 20                          |
| VC1512125UG3 | Green          | 12              | 7 / 14        | 910                       | 525                      | 25                          |
| VC1512125UY3 | Yellow         | 12              | 7 / 14        | 280                       | 587                      | 20                          |
| VC1512125B3  | Blue           | 12              | 7 / 14        | 350                       | 470                      | 25                          |
| VC1512125W3  | White Clear    | 12              | 7 / 14        | 700                       | *                        | 30                          |
| VC1512125W3D | White Diffused | 12              | 7 / 14        | 350                       | *                        | 30                          |
| VC1512135UR3 | Red            | 24              | 7 / 14        | 330                       | 630                      | 20                          |
| VC1512135UG3 | Green          | 24              | 7 / 14        | 910                       | 525                      | 25                          |
| VC1512135UY3 | Yellow         | 24              | 7 / 14        | 280                       | 587                      | 20                          |
| VC1512135B3  | Blue           | 24              | 7 / 14        | 350                       | 470                      | 25                          |
| VC1512135W3  | White Clear    | 24              | 7 / 14        | 700                       | *                        | 30                          |
| VC1512135W3D | White Diffused | 24              | 7 / 14        | 350                       | *                        | 30                          |
| VC1512145UR3 | Red            | 28              | 7 / 14        | 330                       | 630                      | 20                          |
| VC1512145UG3 | Green          | 28              | 7 / 14        | 910                       | 525                      | 25                          |
| VC1512145UY3 | Yellow         | 28              | 7 / 14        | 280                       | 587                      | 20                          |
| VC1512145B3  | Blue           | 28              | 7 / 14        | 350                       | 470                      | 25                          |
| VC1512145W3  | White Clear    | 28              | 7 / 14        | 700                       | *                        | 30                          |
| VC1512145W3D | White Diffused | 28              | 7 / 14        | 350                       | *                        | 30                          |

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