

BLFA064MGCK-28V

MEGA GREEN

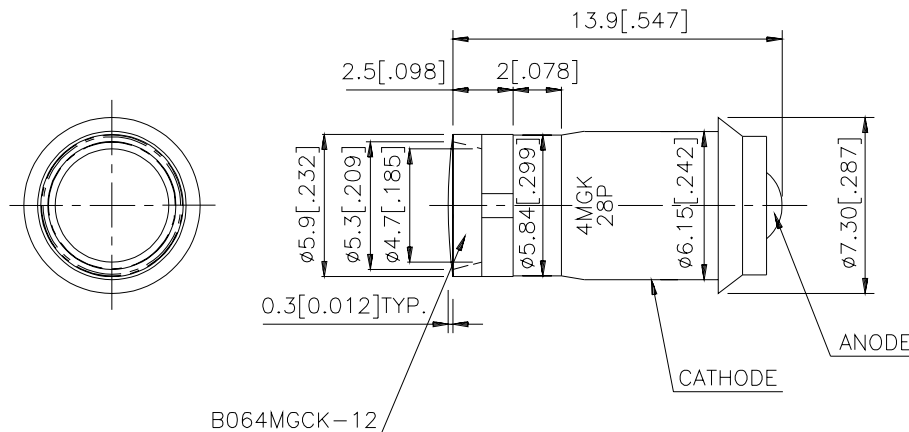
Features

- BUILT-IN CURRENT LIMITING RESISTOR FOR DIRECT APPLICATION OF DIFFERENT ACROSS CURRENT.
- LONG LIFE.
- LOW CURRENT, POWER SAVINGS.
- LOW MAINTENANCE.
- DIFFERENT COLOR AVAILABLE.
- SOLID STATE, HIGH VIBRATION RESISTANT.
- 28V INTERNAL RESISTOR.

Description

The Mega Green source color devices are made with DH InGaAlP on GaAs substrate Light Emitting Diode.

Package Dimensions



Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.
3. Specifications are subject to change without notice.

Selection Guide

| Part No. | Dice | Lens Type | Iv (mcd) V=28V | | Viewing Angle |
|-----------------|----------------------|-------------|-------------------|------|---------------|
| | | | Min. | Typ. | 201/2 |
| BLFA064MGCK-28V | MEGA GREEN (InGaAlP) | WATER CLEAR | 110 | 240 | 110° |

Note:

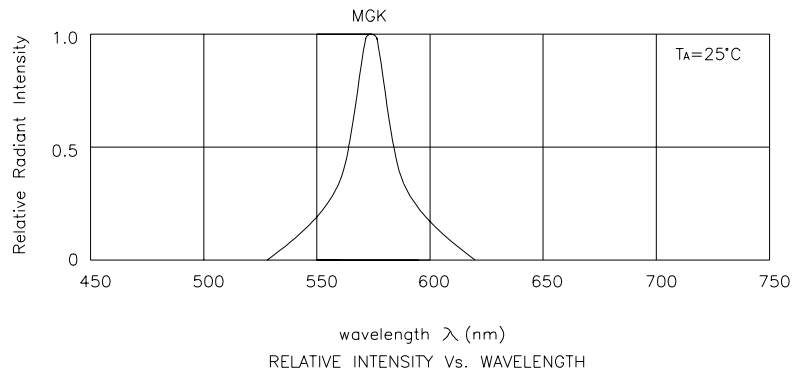
1. 01/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at T_A=25°C

| Symbol | Parameter | Device | Typ. | Max. | Units | Test Conditions |
|-----------------------|--------------------------|------------|------|------|-------|----------------------------|
| λ_{peak} | Peak Wavelength | Mega Green | 574 | - | nm | V _F =28V |
| λ_D | Dominant Wavelength | Mega Green | 570 | - | nm | V _F =28V |
| $\Delta\lambda_{1/2}$ | Spectral Line Half-width | Mega Green | 20 | - | nm | V _F =28V |
| C | Capacitance | Mega Green | 15 | - | pF | V _F =0V; f=1MHz |
| I _F | Forward Current | Mega Green | 10 | - | mA | V _F =28V |
| I _R | Reverse Current | Mega Green | - | 10 | uA | V _R =5V |

Absolute Maximum Ratings at T_A=25°C

| Parameter | Mega Green | Units |
|-----------------------|-------------------|-------|
| Power dissipation | 300 | mW |
| Forward Voltage | 30 | V |
| Reverse Voltage | 5 | V |
| Operating Temperature | -40 °C To +70 °C | |
| Storage Temperature | -40 °C To + 85 °C | |



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