



Dual-Chip & Tri-State LED Lamps BL-B Multi-Color Series

Round Types

| Package | Part No. | Chip | | Lens Appearance | Absolute Maximum Ratings | | | | Electro-optical Data(At 20mA) | | | Viewing Angle 2 θ 1/2 (deg) | Drawing No. |
|---|-------------|-------------------------|--------------------------------------|-----------------|--------------------------|---------|---------|-----------|-------------------------------|-----|----------|---------------------------------------|-------------|
| | | Material/ Emitted Color | Peak Wave Length λ_p (nm) | | $\Delta \lambda$ (nm) | Pd (mw) | If (mA) | Peak (mA) | Vf (V) | | Iv (mcd) | | |
| | | | | | | | | | Typ | Max | Typ. | | |
| T-1 Standard 1.0" Lead 3 ϕ | BL-BHG201 | GaP/GaP /Bright Red | 700 | White Diffused | 90 | 40 | 15 | 50 | 2.2 | 2.6 | 7.0 | 40 | L-158 |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 35.0 | | |
| | BL-BEG201 | GaAsP/GaP/Hi-Eff Red | 635 | White Diffused | 45 | 80 | 30 | 150 | 2.0 | 2.6 | 35.0 | | |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 35.0 | | |
| | BL-BYG201 | GaAsP/GaP Yellow | 585 | White Diffused | 35 | 80 | 30 | 150 | 2.1 | 2.6 | 30.0 | | |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 35.0 | | |
| T-13/4 Standard 1.0" Lead 5 ϕ | BL-BHG204 | GaP/GaP /Bright Red | 700 | White Diffused | 90 | 40 | 15 | 50 | 2.2 | 2.6 | 8.0 | 50 | L-159 |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 45.0 | | |
| | BL-BEG204 | GaAsP/GaP/Hi-Eff Red | 635 | White Diffused | 45 | 80 | 30 | 150 | 2.0 | 2.6 | 45.0 | | |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 45.0 | | |
| | BL-BYG204 | GaAsP/GaP Yellow | 585 | White Diffused | 35 | 80 | 30 | 150 | 2.1 | 2.6 | 40.0 | | |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 45.0 | | |
| T-13/4 Standard 1.0" Lead 5 ϕ | BL-BHG204-A | GaP/GaP /Bright Red | 700 | White Diffused | 90 | 40 | 15 | 50 | 2.2 | 2.6 | 3.5 | 50 | L-160 |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 20.0 | | |
| | BL-BEG204-A | GaAsP/GaP/Hi-Eff Red | 635 | White Diffused | 45 | 80 | 30 | 150 | 2.0 | 2.6 | 20.0 | | |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 20.0 | | |
| | BL-BYG204-A | GaAsP/GaP Yellow | 585 | White Diffused | 35 | 80 | 30 | 150 | 2.1 | 2.6 | 18.0 | | |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 20.0 | | |
| T-1 3/4- Standard 1.0" Lead 5 ϕ | BL-BHG204-B | GaP/GaP /Bright Red | 700 | White Diffused | 90 | 40 | 15 | 50 | 2.2 | 2.6 | 3.5 | 50 | L-161 |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 20.0 | | |
| | BL-BEG204-B | GaAsP/GaP/Hi-Eff Red | 635 | White Diffused | 45 | 80 | 30 | 150 | 2.0 | 2.6 | 20.0 | | |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 20.0 | | |
| | BL-BYG204-B | GaAsP/GaP/ Yellow | 585 | White Diffused | 35 | 80 | 30 | 150 | 2.1 | 2.6 | 18.0 | | |
| | | GaP/GaP /Yellow Green | 568 | | 30 | 80 | 30 | 150 | 2.2 | 2.6 | 20.0 | | |

Remark : 1.Hi-Eff Red / High-Efficiency Red °
 2. Trans / Transparent °
 3. 2 θ 1/2 The off-axis angle at which the luminous intensity is half the axial luminous intensity °

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| <p>L-158 BL-Bxx201 Series</p> | <p>L-159 BL-Bxx204 Series</p> |
| <p>L-160 BL-Bxx204-A Series</p> | <p>L-161 BL-Bxx204-B Series</p> |

Notes: 1.All Dimensions are millimeters (inches).

AMERICAN BRIGHT