

Selection Guide

| Part No. | Emitting Color +Material | λ_D (nm) | Lens Type | Iv (mcd) @20mA | | Viewing Angle | IF (mA) |
|--------------|-----------------------------|------------------|-------------|-------------------|------|------------------|------------|
| | | | | Min. | Typ. | 2 θ 1/2 | |
| BL0104-21-72 | GaAlAs | 640 | WATER CLEAR | 800 | 1800 | 40° | 20 |

Note:

1. θ 1/2 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 | Color | Min. | Typ. | Max. | Units | Test Conditions |
|-----------------------|-------------------------|--------------|------------------|------|-------|------|-------|--------------------|
| Iv | Luminous Intensity | BL0106-15-39 | Super Bright Red | - | 12000 | - | mcd | IF=60mA |
| θ | Viewing Angle | | Super Bright Red | - | 40 | - | Deg | - |
| V _F | Forward Voltage | | Super Bright Red | - | 9.3 | 12.5 | V | IF=60mA |
| λ_{peak} | Peak Wavelength | | Super Bright Red | - | 660 | - | nm | IF=60mA |
| λ_D | Dominant Wavelength | | Super Bright Red | - | 640 | - | nm | IF=60mA |
| $\Delta\lambda_{1/2}$ | Spectral Line Halfwidth | | Super Bright Red | - | 20 | - | nm | IF=60mA |
| I _R | Reverse Current | | Super Bright Red | - | - | 30 | uA | VR = 5V |

Absolute Maximum Ratings at T_A=25°C

| Parameter | Super Bright Red | Units |
|-----------------------|------------------|-------|
| Power dissipation | 1000 | mW |
| DC Forward Current | 90 | mA |
| Reverse Voltage | 5 | V |
| Operating Temperature | -40°C To +70°C | |
| Storage Temperature | -40°C To +85°C | |

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [LED Lighting Bars and Strips](#) category:

Click to view products by [Kingbright](#) manufacturer:

Other Similar products are found below :

[ZLF0310W62524](#) [LF1D-F2F-2W-300](#) [HH-SWW320F210W24-COB IP65](#) [HH-SNW320F210W12-COB IP65](#) [HH-SNW320F010W12-COB IP20](#) [HH-SNW320F210W24-COB IP65](#) [HH-SNW320F010W24-COB IP20](#) [HH-SNW528F210W12-COB IP65](#) [HH-SNW528F010W12-COB IP20](#) [HH-SNW528F010W24-COB IP20](#) [HH-SCW320F210W12-COB IP65](#) [HH-SCW320F010W12-COB IP20](#) [HH-SCW528F210W12-COB IP65](#) [HH-SCW528F010W12-COB IP20](#) [HH-SR528F010W12-COB IP20](#) [HH-SR528F010W24-COB IP20](#) [LF2D-EN2F-2W-A](#) [PUUA-100LLL-NK2P](#) [HC-F12V-3535 PCBA](#) [HC-F12V-WS2811-3535](#) [HC-F24V-6L-36LED-W-WS2821/IP20](#) [HC-F5V-144L-144LED-B-WS2813 IP20](#) [HC-F5V-144L-144LED-B-WS2813 IP65](#) [HC-F5V-144L-144LED-W/IP65](#) [HC-F5V-144L-144LED-W-WS2813 IP20](#) [HC-F5V-30L-30LED-B-WS2813 IP20](#) [HC-F5V-60L-60LED-B-WS2813 IP20](#) [HC-F5V-60L-60LED-W-WS2813 IP65](#) [HC-T12V-10L-30LED-W/IP20](#) [HC-T12V-16L-48LED-W/IP20](#) [HC-T12V-16L-48LED-W/IP65](#) [HC-T12V-20L-60LED-W/IP65](#) [LFBHL-SW860-24V-12D83-20](#) [LFBLL-SW860-24V-5S200-20-IC](#) [LFBML-MW827860-24V-12D83-20](#) [LFBML-SW827-24V-6S167-20](#) [LM-SAG1-W2](#) [LMV-MINI-W2](#) [LS-2835W120RN](#) [LS-2835W120RN1](#) [LS-2835W60RN2](#) [LS-2835WW120R-1](#) [LS-2835WW60RN](#) [LS-3014WW60RN](#) [LS-3014WW60RN3](#) [LS-3528W60RN-1](#) [LS-3528W60RN-2](#) [LS-5050F60R-2](#) [LS-5050F60RN-3](#) [LS-5050W30RN](#)