

#### 26mm LED CLUSTER

PRELIMINARY SPEC

Part Number: BL0106-15-39

SUPER BRIGHT RED

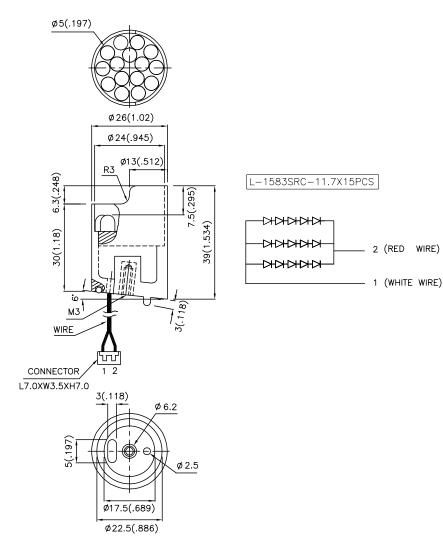
#### **Features**

- •HIGH VISIBILITY.
- •NO. OF BUILT-IN 3mm LED LAMPS: SUPER BRIGHT RED 15 PCS.
- WATERPROOF PACKAGE WITH HOOD SUITABLE FOR OUTDOOR AND INDOOR INFORMATION BOARDS.
- CAN PRODUCE ANY COLOR IN VISIBLE SPECTRUM, INCLUDING WHITE LIGHT.
- RoHS COMPLIANT.

### **Description**

The Super Bright Red source color devices are made with Gallium Aluminum Arsenide Red Light Emitting Diode.

## **Package Dimensions**



#### Notes:

- 1. All dimensions are in millimeters (inches).
- 2. Tolerance is  $\pm 0.25 (0.01\mbox{"})$  unless otherwise noted.
- 3. Specifications are subjected to change without notice.





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# **Kingbright**

# Electrical / Optical Characteristics at T<sub>A</sub>=25°C

Symbol	Parameter	Device	Color	Min.	Тур.	Max.	Units	Test Conditions
Iv	Luminous Intensity		Super Bright Red	1500	3000	-	mcd	IF=60mA
201/2	Viewing Angle		Super Bright Red	-	40	-	Deg.	1
VF	Forward Voltage		Super Bright Red	-	9.3	12.5	V	IF=60mA
λpeak	Peak Wavelength	BL0106-15-39	Super Bright Red	-	660	-	nm	IF=60mA
λD	Dominant Wavelength		Super Bright Red	-	640	-	nm	IF=60mA
Δλ1/2	Spectral Line Half-width		Super Bright Red	-	20	-	nm	IF=60mA
lr	Reverse Current		Super Bright Red	-	-	30	uA	VR = 5V

# Absolute Maximum Ratings at Ta=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				

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