

Kingbright®

26mm (1 INCH) LED CLUSTER

BL0106-15-47

Features

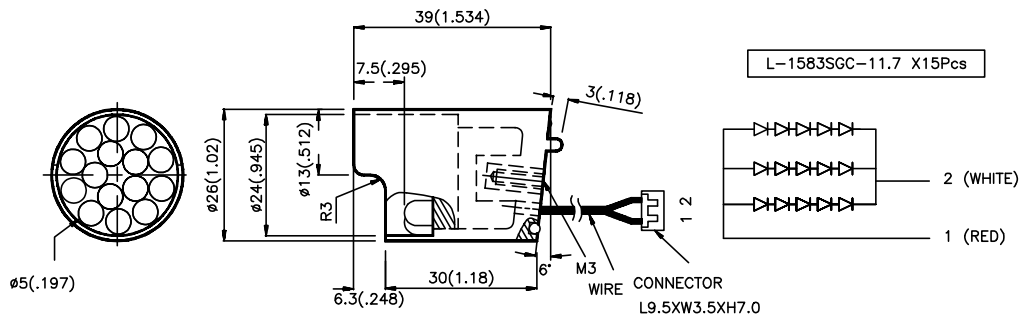
- WATERPROOF CONSTRUCTION.
- SUITABLE FOR OUTDOOR APPLICATIONS, SIGNBOARD OR MESSAGE BOARD, ETC.
- BOTH SINGLE COLOR AND MULTI-COLOR (RED, GREEN & ORANGE) ARE AVAILABLE.

Description

The Super Bright Green source color devices are made with Gallium Phosphide Green Light Emitting Diode.

Notes:

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



Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Device	Min.	Typ.	Max.	Units	Test Conditions
I _v	Luminous Intensity	BL0106-15-47	800	-	2000	mcd	IF=60mA
θ	Viewing Angle		-	40	-	Deg	-
V _F	Forward Voltage		-	9.6	11.2	V	IF=60mA
λ _{peak}	Peak Wavelength		-	565	-	nm	IF=60mA
Δλ _{1/2}	Spectral Line Halfwidth		-	30	-	nm	IF=60mA
I _R	Reverse Current		-	-	100	uA	VR = 18V

Absolute Maximum Ratings at T_A=25°C

Parameter	Super Bright Green	Units
Power dissipation	0.9	W
DC Forward Current	90	mA
Reverse Voltage	5	V
Operation Temperature	-25 to +60	°C
Storage Temperature	-30 to +85	°C