

BL0106-15-28

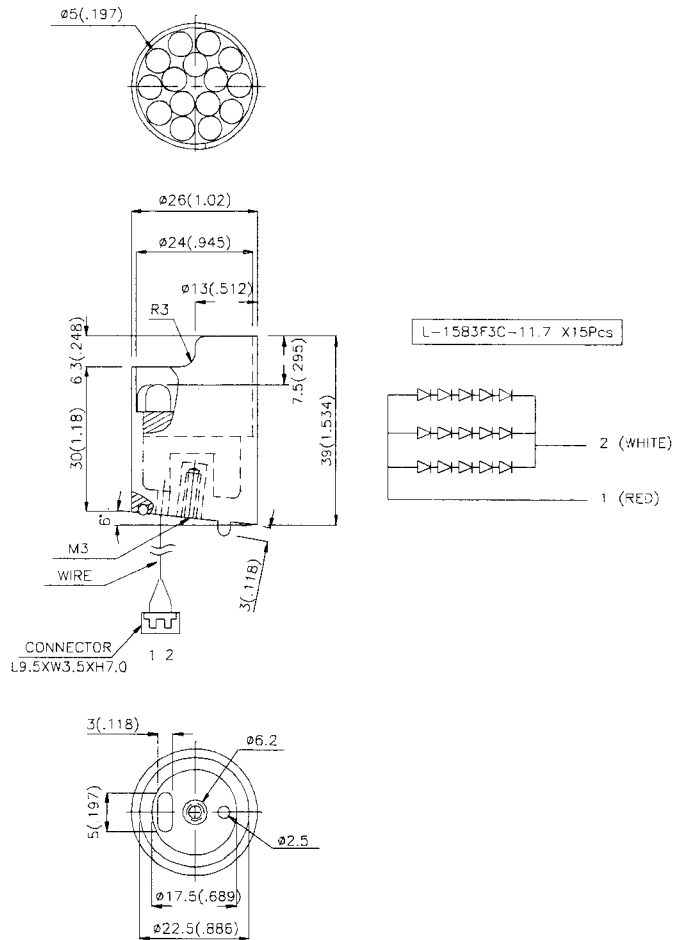
### Features

- HIGH VISIBILITY.
- NO. OF BUILT-IN 5mm LED LAMPS: HYPER GREEN 15 PCS.
- WATERPROOF PACKAGE WITH HOOD SUITABLE FOR OUTDOOR AND INDOOR INFORMATION BOARDS.
- CAN PRODUCE ANY COLOR IN VISIBLE SPECTRUM, INCLUDING WHITE LIGHT.

### Description

F3 Made with Gallium Arsenide Infrared Emitting diodes.

### Package Dimensions



#### Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01)$  unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subject to change without notice.

## Electrical / Optical Characteristics at $T_A=25^\circ\text{C}$

Symbol	Parameter	Device	Min.	Typ.	Max.	Units	Test Conditions
$P_o$	Radiant Intensity	BL0106-15-28	180	320	-	mW/sr	$I_F=60\text{mA}$
2 $\theta_{1/2}$	Viewing Angle		-	40	-	deg	-
$V_F$	Forward Voltage		-	6	8	v	$I_F=60\text{mA}$
$\lambda_{\text{peak}}$	Peak Wavelength		-	940	-	nm	$I_F=60\text{mA}$
$\Delta\lambda_{1/2}$	Spectral Line Half-width		-	50	-	nm	$I_F=60\text{mA}$
$I_R$	Reverse Current		-	-	30	$\mu\text{A}$	$V_R=5\text{V}$

## Absolute Maximum Ratings at $T_A=25^\circ\text{C}$

Parameter	Type	Units
Power dissipation	540	mW
DC Forward Current	90	mA
Reverse Voltage	5	V
Operating Temperature	-40 To +70	$^\circ\text{C}$
Storage Temperature	-40 To +85	$^\circ\text{C}$

