

BLFA064SECK-6V SUPER BRIGHT ORANGE

Description

- The Super Bright Orange source color devices are made with DH InGaAlP on GaAs substrate Light Emitting Diode.

Technical drawing of the B064SECK-11 vacuum tube, showing dimensions in millimeters and inches in brackets.

Dimensions (mm [inches]):

- Overall length: 13.9 [0.547]
- Cathode length: 2.5 [0.098]
- Anode length: 2 [0.078]
- Base diameter: 5.9 [0.232]
- Base diameter (inner): 5.3 [0.209]
- Base diameter (outer): 4.7 [0.185]
- Base diameter (middle): 5.84 [0.299]
- Base diameter (top): 6.15 [0.242]
- Base diameter (bottom): 7.30 [0.287]

Labels:

- 4SEK 6P
- CATHODE
- ANODE
- 0.3 [0.012] TYP.
- B064SECK-11

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

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) V=6V		Viewing Angle
			Min.	Typ.	2θ1/2
BLFA064SECK-6V	SUPER BRIGHT ORANGE(INGaAlP)	WATER CLEAR	900	1500	110°

Note:

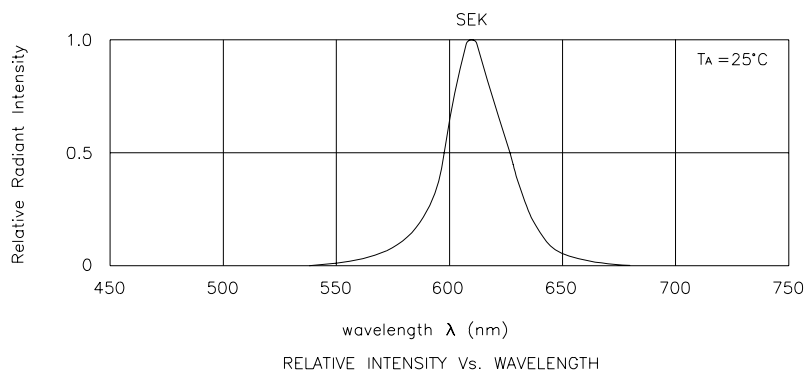
1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ _{peak}	Peak Wavelength	Super Bright Orange	610	-	nm	V _F =6V
λ _D	Dominate Wavelength	Super Bright Orange	601	-	nm	V _F =6V
Δλ _{1/2}	Spectral Line Halfwidth	Super Bright Orange	29	-	nm	V _F =6V
C	Capacitance	Super Bright Orange	15	-	pF	V _F =0V;f=1MHz
I _F	Forward Current	Super Bright Orange	20	-	mA	V _F =6V
I _R	Reverse Current	Super Bright Orange	-	10	uA	V _R =5V

Absolute Maximum Ratings at T_A=25°C

Parameter	Super Bright Orange	Units
Power dissipation	140	mW
Forward Voltage	7	V
Reverse Voltage	5	V
Operating Temperature	-40 °C To +70 °C	
Storage Temperature	-40 °C To + 85 °C	



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