

■Description

Features

Wide Input Voltage

White Diffused Type

Cost Saving and Space Saving

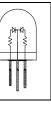
• Bi-color Common Cathode Type

- This LED is built with two different or same color LEDs. It builds with resistors to operate with wide operation voltage of DC3-15V.
- 50pcs are supplied in a storage box
- Easy to use and storage, user-friendly
- Widely applied to project design, Arduino/Pi Pico/Steam kit, TTL/Cmos compatible applications

Bi-Color Multi-Voltage LED

8mm Round Red & Blue LED (3-Pin)

Item No.: OKLEDT8050RBW

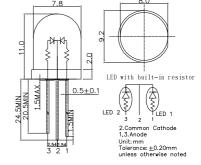


Product Picture

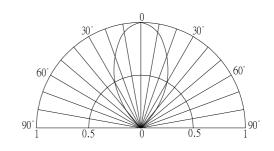
⁵⁰pcs/Box (Dimensions: 90*65*30mm)



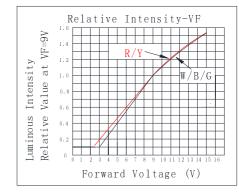
Outline Dimension



Directivity



■ Optical Characteristic Curves



- *1 Tolerance of measurements of dominant wavelength is +1nm

*2 Tolerance of measurements of luminous intensity is $\pm 15\%$

*3 Tolerance of measurements of forward current +1mA

LED & Application Technologies







■Absolute Maximum Rating (Ta=25°C) Item Symbol Value Unit DC Forward Voltage 15 V_{F} V 12 v Reverse Voltage V_R Power Dissipation \mathbf{P}_{D} 190 mW **Operating Temperature** Topr -30 ~ +85 °C Storage Temperature -40~+100 Tstg °C Lead Soldering Temperature Tsol 260°C/5sec _

Electrical -Optical Characteristics (Ta=25℃)

LED P/N	OSRBMC8162A-VV	
Light Color	Red	Blue
Lens Color	White Diffused	
Wavelength*1	620-630nm	465-475m
Luminous Intensity(typ.)*2	150mcd	100mcd
Forward Voltage(typ.)	9V	9V
Forward Current(typ.)*3	8mA	7.5mA
Viewing Angle(typ.)	60°	60°
Quantity(pcs)/Box	50	
* T 1 C	C 1	1 • . 1

- Applications • Toys/Game/Audio
- TTL/Cmos Compatible
- Arduino/Pi Pico/Steam Kit
- Other Electronics Products •