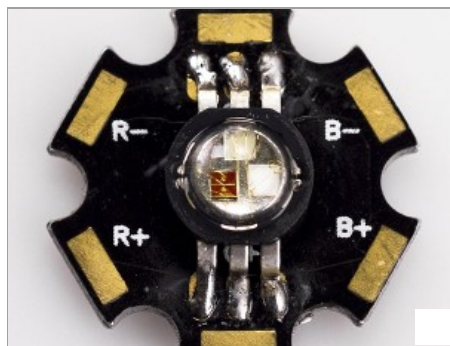


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Vollong 3W RGB High Power LED

Part #: VL-H01RGB00302

In Stock

\$4.95 ea.

Qty:

1

Quantity Discount Pricing:

10 to 99 pieces	\$4.75 each
100 to 499 pieces	\$4.49 each
500 to 999 pieces	\$4.25 each
1000+ pieces	\$3.95 each

Order will ship Monday (01/23/2012)

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Specifications

Photos

Product Description

The VL-H01RGB00302 is a 3 Watt high powered vollong LED. This RGB LED has a wavelength of 465nm for blue, 525nm for green, and 625nm for red at a millicandela rating of 43,000mcd. It has a 120 degree viewing angle with a clear lens. Price is per unit.

General Specifications

Color	RGB	Continuous Forward Current	400/350 mA
Forward Voltage	3.4/2.5 V	LED Brand	Vollong
LED Package	14.5mmx7.5mm	Lumen	60/55/20 lm
Maximum Forward Voltage	3.8/2.8V	Maximum LED Junction Temperature	120°C
Millicandela	43000 mcd	Operating Temperature	-35~+50°C
Peak Forward Current	800 mA	Reverse Voltage	5V
Storage Temperature	-35~+50°C	Viewing Angle	120°
Wavelength	625/525/465 nm		

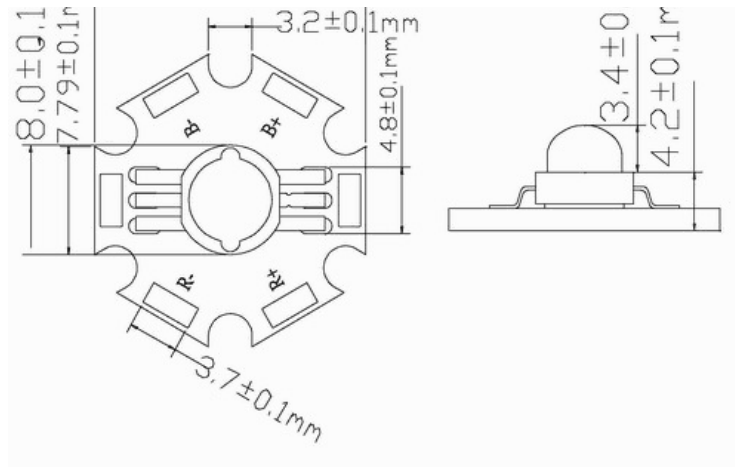
Characteristics - Absolute Maximum Ratings @ Ta=25°C

PARAMETER	RATING	UNIT
Forward Current (Red)	400	mA
Forward Current (Blue/Green)	350	mA
Peak Forward Current (1/10th duty cycle, 0.1ms pulse width)	800	mA
Reverse Voltage	5	V
LED Junction Temperature	120	°C
Storage and Operating Temperature	-35°C ~ +50°C	°C
Soldering Temperature	300 for 3.5 seconds max	°C

optoelectric characteristics:

PARAMETER	SYMBOL	MAX	TYP	UNIT
View Angle of Half Power	2θ1/2		120	Degree
Forward Voltage @ 400mA (Red)	V	2.8	2.5	V
Forward Voltage @ 150mA (Green/Blue)	V	3.8	3.4	V
Dominant Wavelength - Red	λD		625	nm
Dominant Wavelength - Green	λD		525	nm
Dominant Wavelength - Blue	λD		465	nm
Luminous Intensity	IV		R:55 G:60 B:20	lm





superbrightleds.com

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BBB Rating: A+
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