

## Features:

- Highest Luminous Flux
- Super Energy Efficiency
- Long Life
- Quick Response
- Superior ESD Protection
- Superior UV Resistance
- Can be equipped with lens: OS-OLTX5025X

## Applications

- Small Space Lighting
- Mechanical Equipment Lights



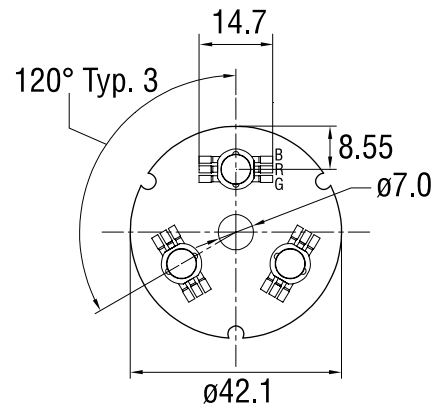
## Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
Operating temperature	Tope	-30~+85	°C
Storage temperature	Tstg	-40~+100	°C
Input Voltage (DC)	Vi(R)	9	V
	Vi(B/G)	12	V
Input Current (DC)	Ii	400	mA
Power dissipation	Pa(R)	3.6	W
	Pa(B/G)	4.8	W

## Outline dimensions:

Unit: mm

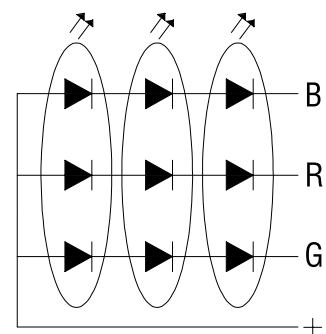
Tolerance: ±0.30mm



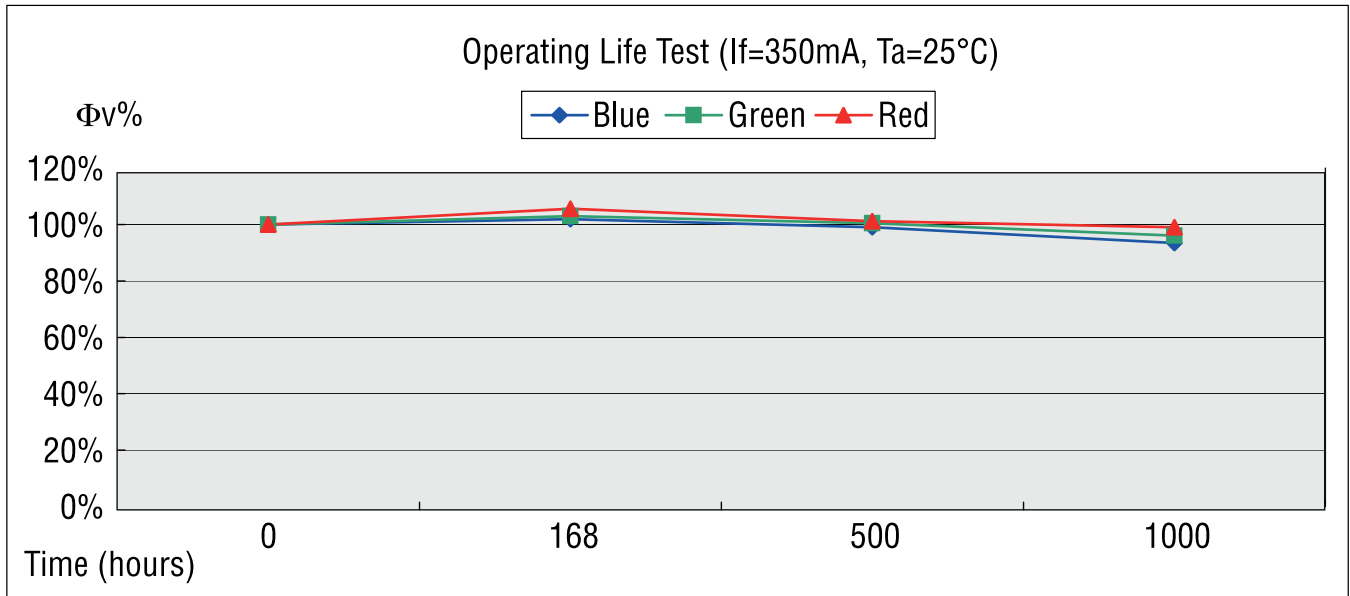
## Electrical - Optical characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Unit
Input voltage	Vi(R)	I <sub>F</sub> = 350mA	6.0	7.5	V
	Vi(B/G)	I <sub>F</sub> = 350mA	9	10	V
Power dissipation	Pa(R)	I <sub>F</sub> = 350mA	2.1	2.625	W
	Pa(B/G)	I <sub>F</sub> = 350mA	3.15	3.5	W
Whole luminous flux*	Φ <sub>v</sub> (R)	I <sub>F</sub> = 350mA	120	150	lm
	Φ <sub>v</sub> (G)	I <sub>F</sub> = 350mA	150	210	lm
	Φ <sub>v</sub> (B)	I <sub>F</sub> = 350mA	30	45	lm
Beam Pattern	BP	-	-	120	Deg
Net weight	Wei	-	-	5	g

## Circuit:



## OPERATION LIFE TEST LUMINANCE RATE CURVE



- \* Burn-in condition: 350mA
- \* Projection of Statistical Average Light Output Degradation Performance for LED Technology
- \* MTBF:100,000hrs, 90% Confidence  
(A Failure is Any LED Which is Open, shorted or fails to Emit Light)
- \* The Projected Data is Base on The Feature of LED Itself Under Normal Operation Conditions.
- \* Any Improper Circuit Design or External Factors Might Cause a Different Result.