5mm Orange LED

Order code: 55-2486

MPN: OSOR5111P

Features:

- 5mm Standard directivity
- Superior weather-resistance
- UV Resistant epoxy
- Water clear type
- RoHS compliant

Applications

- Automotive dashboard lighting
- Back lighting

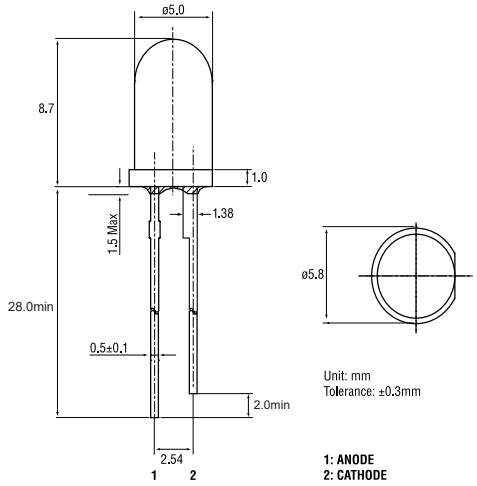
Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward current	I_F	50	mA
Pulse forward current*	I_{FP}	100	mA
Reverse voltage	V_R	5	V
Power dissipation	P_D	110	mW
Operating temperature	T_{opr}	-30 to +80	°C
Storage temperature	T_{stg}	-30 to +100	°C
Lead soldering temperature	T_{sol}	260°C/3 sec	-
*Pulse width max. 10ms. Duty ratio max. 1/10			

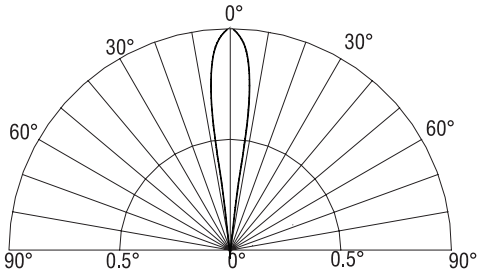
Electrical - Optical characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward voltage	V_F	I_F = 30mA	1.8	2.2	2.6	V
DC Reverse current	I_R	V_R = 5V	-	-	10	µA
Domi. wavelength	λ_D	I_F = 30mA	600	605	610	nm
Luminous intensity	I_V	I_F = 30mA	15000	20000	25000	mcd
50% Power angle	$2\theta_{1/2}$	I_F = 30mA	-	15	-	deg

Outline dimensions:



Directivity:



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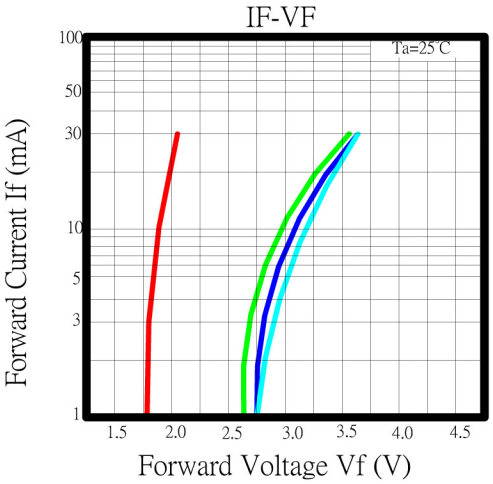
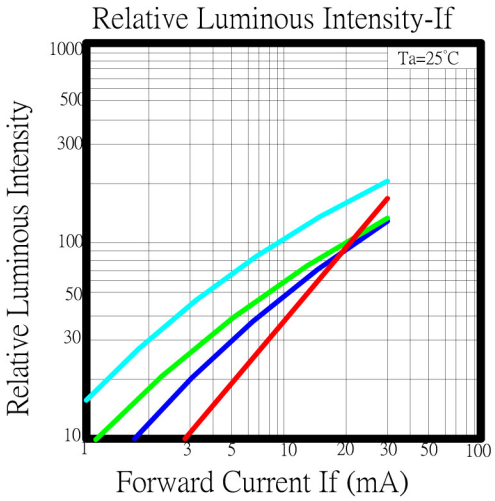
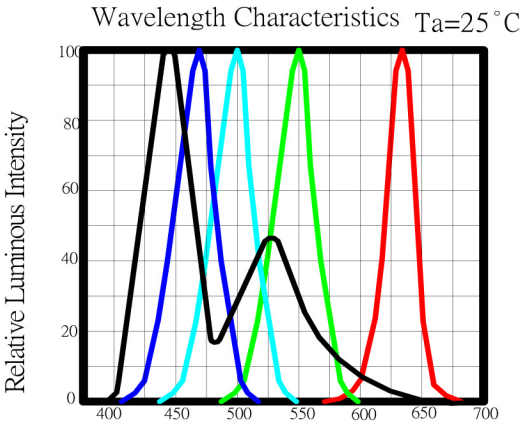
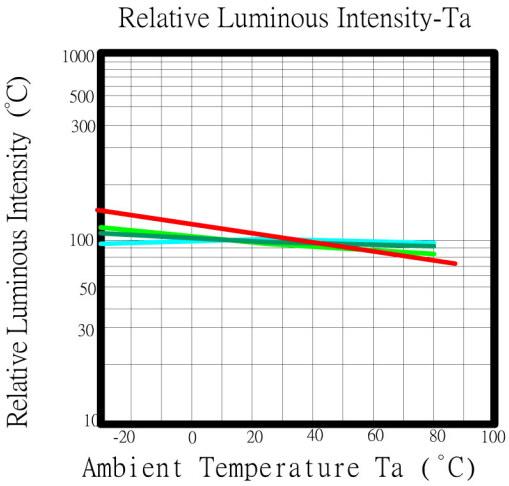
Typical Characteristics:

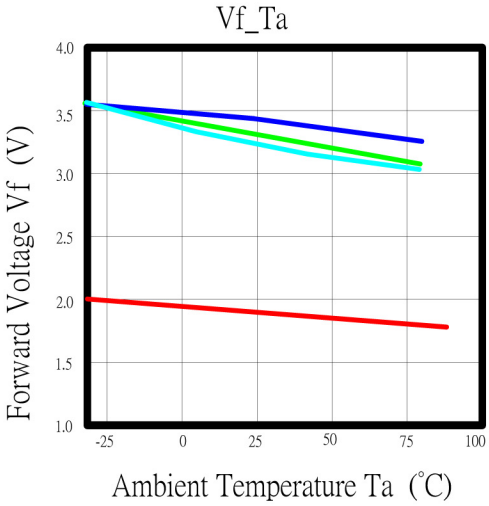
*The data shows typical value











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