

LED-OS-1W White (85 Lm, 6000K)

Features

- Highest Luminous Flux
- Super Energy Efficiency
- Long Lifetime Operation
- Superior ESD protection
- Superior UV Resistance

Applications

- Read lights (car, bus, aircraft)
- Portable (flashlight, bicycle)
- Bollards / Security / Garden
- Traffic signaling / Beacons
- In door / Out door Commercial lights
- Automotive Ext

Absolute Maximum Rating

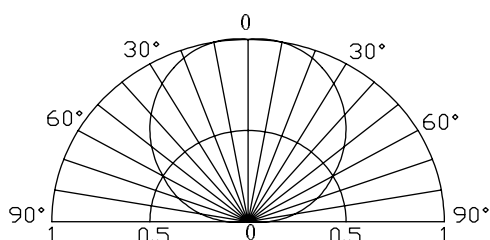
Parameter	Symbol	Value	Units
DC Forward Current	IF	400	mA
Pulse Forward Current*	IFP	500	mA
Reverse Voltage	VR	5	V
Power Dissipation	PD	1600	mW
Operating Temperature	TOPR	-30~+85	°C
Storage Temperature	TSTG	-40~+100	°C
Lead Soldering Temperature	TSOL	260°C /5sec	

*Pulse width Max.10ms Duty ratio max 1/10

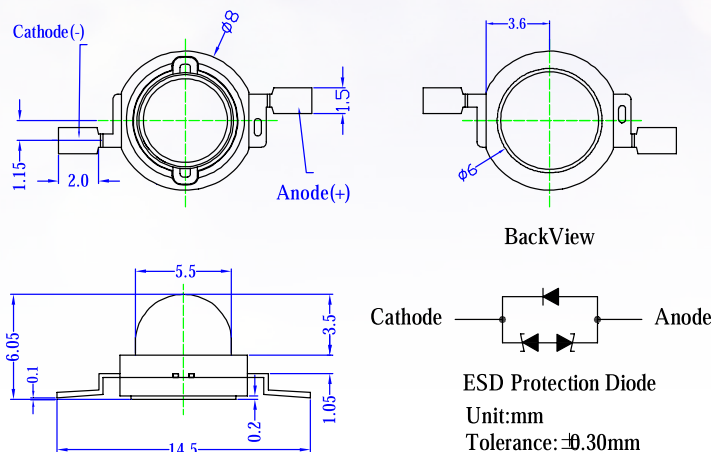
Typical Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Conditions	Min.	Typ.	Max	Unit
DC Forward Voltage	VF	IF=350mA	3.0	3.3	4.0	V
DC Reverse Current	IR	VR=5V	—	—	10	μA
Luminous Flux	φv	IF=350mA	75	85	—	lm
Color Temperature	CCT	IF=350mA	—	6500	—	K
Chromaticity Coordinates*	x	IF=350mA	—	0.31	—	
	y	IF=350mA	—	0.	—	
50% Power Angle	2θ1/2	IF=350mA	—	120	—	deg

Directivity



Outline Dimension



Forward Operating Current (DC)

