



本規格書為 **SMD LED** 產品型號：ST-505015YDWAD9V-D0 相關規格

產品規格：

Emitted color : White

Lens Color : Yellow

Dice : InGaN

Absolute Maximum Ratings (Tj = 25°C)

Parameter	Value	Unit
Power Dissipation	432	mW
Continuous Forward Current	40	mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Reverse Voltage	5	V
Operating Temperature Range	-25 to +80	°C
Storage Temperature Range	-30 to +80	°C
Lead Solder Temperature	: 260°C for 5 seconds	

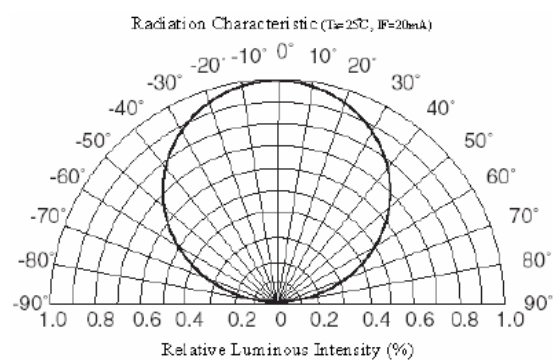
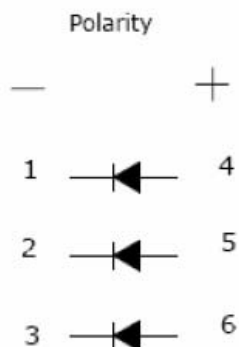
Electrical-Optical Characteristics (Tj = 25°C)

Parameter	Symbol	MIN	TYP	MAX	UNIT	TEST CONDITION
Forward Voltage	VF		3.3	3.6	V	If=20mA
Wavelength	X,Y		X=0.30 Y=0.31		nm	
Reverse Current	IR			50	μA	VR=5V
Luminous Intensity	IV	3000		5000	mcd	If=20mA
Recommend Forward Current	If(Rec)				mA	
Full Viewing Angle	2θ 1/2		120		deg	If=20mA



TOLERANCE :0.25

UNIT : mm





Luminous intensity group	Measurement condition	Luminous intensity Iv(mcd)
W5	$I_F = 20/20/20 \text{ mA}$	5000-6000
W4		4250-5000
W3		3600-4250
W2		3000-3600