



本規格書為 **LED SMD** 產品型號：ST-352819YDWBD5V-D0 相關規格

產品規格：

Emitted color : WHITE

Lens Color : YELLOW Diffused

Dice : InGaN/SiC

Absolute Maximum Ratings (Tj = 25°C)

Parameter	Value	Unit
Power Dissipation	75	mW
Continuous Forward Current	20	mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Operating Temperature Range	-40to +85	°C
Storage Temperature Range	-40to +100	°C
Lead Solder Temperature :	240°C for 10 seconds	

Electrical-Optical Characteristics (Tj = 25°C)

Parameter	Symbol	MIN	TYP	MAX	UNIT	TEST CONDITION
Forward Voltage	VF	3		3.4	V	If=20mA
Reverse Current	IR			50	μA	VR=5V
Luminous Intensity	IV	1265		2250	mcd	If=20mA
Recommend Forward Current	If(Rec)		20		mA	
Full Viewing Angle	2θ 1/2		120		deg	If=20mA

**(I_F=20mA)**

Rank	H	I	J	K
Luminous Intensity (mcd)	1267~1500	1500~1750	1750~2000	2000~2250

(I_F=20mA)

	CIE-X	CIE-Y		CIE-X	CIE-Y		CIE-X	CIE-Y
K13	0.277	0.26	K12	0.274	0.268	K11	0.285	0.287
	0.274	0.268		0.271	0.277		0.283	0.295
	0.285	0.287		0.283	0.295		0.294	0.312
	0.288	0.277		0.285	0.287		0.296	0.301
K14	0.288	0.277	K22	0.28	0.252	K03	0.271	0.277
	0.285	0.287		0.277	0.26		0.268	0.285
	0.296	0.301		0.288	0.277		0.279	0.302
	0.299	0.294		0.291	0.268		0.283	0.295
K04	0.283	0.295	K21	0.291	0.268			
	0.279	0.302		0.288	0.277			
	0.29	0.323		0.299	0.294			
	0.294	0.312		0.3013	0.2849			

Notes : *The C.I.E. 1931 chromaticity diagram (Tolerance ± 0.01).

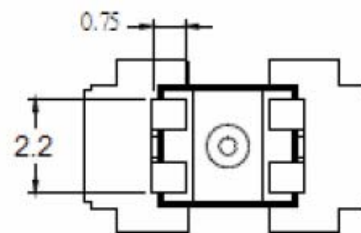
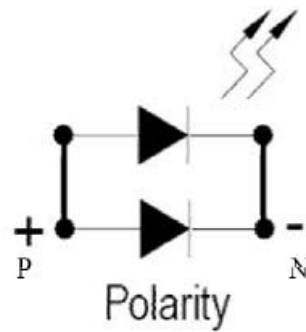
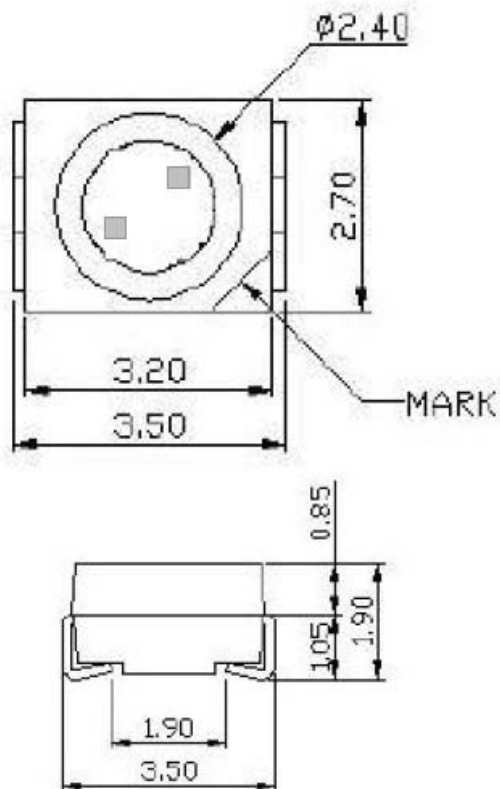


ROYAL LIGHT ELECTRONICS CO., LTD.

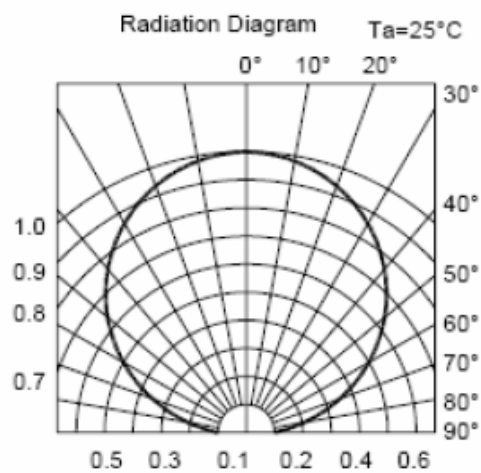
OUTLINE DIMENSIO

TOLERANCE :0.2

UNIT : mm



■ Spatlal Dlstrbution 120°



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