



# RODAN(TAIWAN)LTD.

## SURFACE MOUNT LED

審查	作成
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### 1.ELEMENT APPEARANCE

PAGE : 1 / 2

Model No.	Material	Lighting Color	Resin Color
RT-E3030W-AS01	InGaN/GaN	White	Yellow Clear

### 2.ABSOLUTE MAXIMUM RATINGS AT Ta=25°C

Characteristic	Symbol	Rating	Unit
Forward direct current	IFM	450	mA
Reverse voltage	VRM	5	V
Operating temperature	Topr	-40 to +85	°C
Storage temperature	Tstg	-40 to +100	°C
Power dissipation	Pd	1	W

### 3.ELECTRO-OPTICAL CHARACTERISTICS AT Ta=25°C

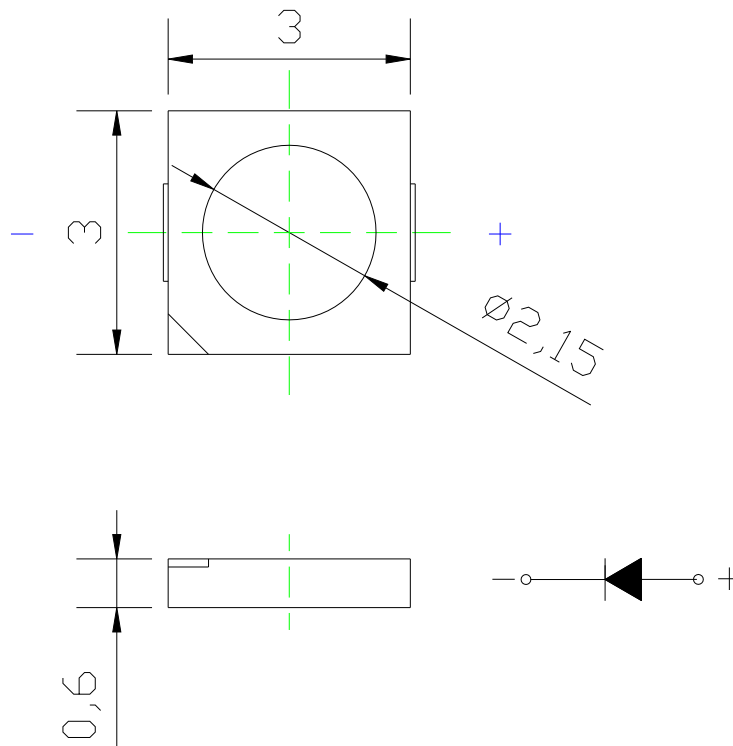
Characteristic	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Flux	$\psi_v$	IF=350mA		40		Lm
Forward voltage	VF	IF=350mA		3.3	3.8	V
Reverse current	IR	VR=5V			10	$\mu$ A
Viewing angle	2 $\theta$ 1/2	IF=350mA		120		deg.
Color rendering	CRI	IF=350mA		96		Ra
Color Temperature Characteristics	CCT	IF=350mA		4600		K

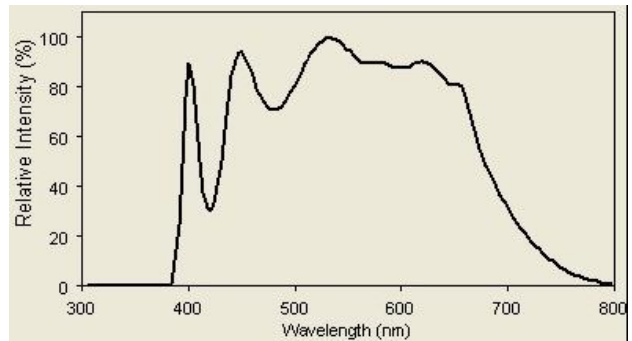
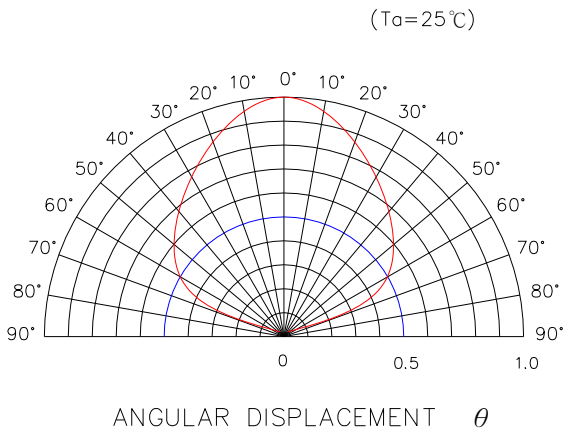
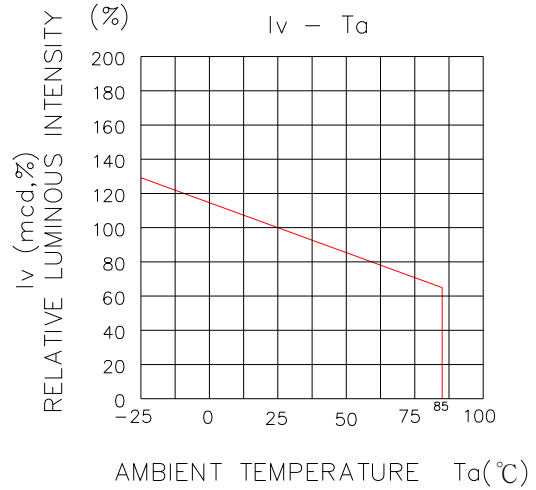
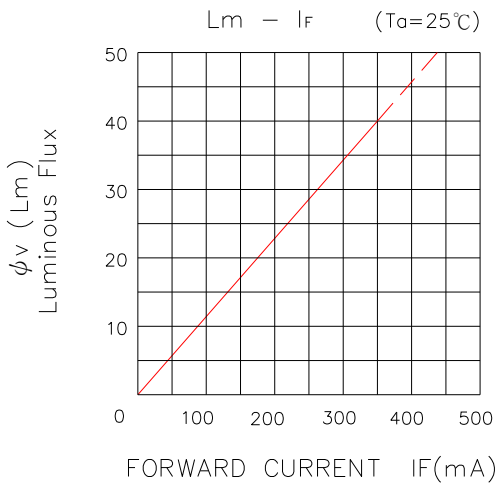
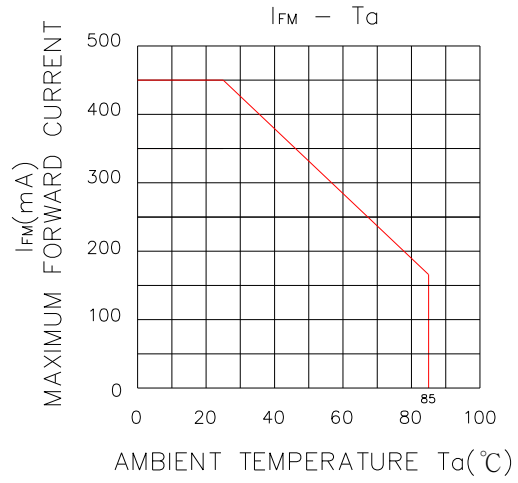
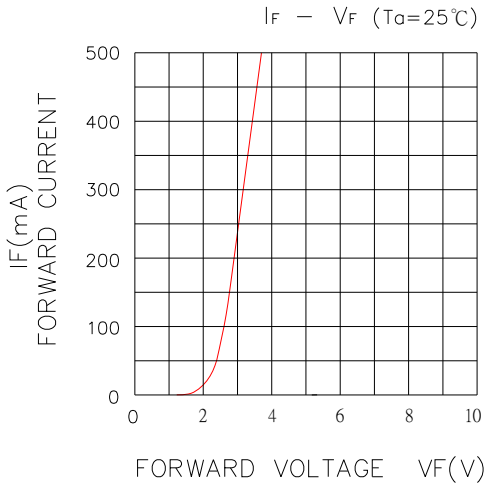
※ Luminous Intensity Measurement allowance is  $\pm 15\%$

※ Forward voltage Measurement allowance is  $\pm 0.1V$



### 4.DIMENSIONS UNIT : m/m TOLERANCE : $\pm 0.25mm$





WAVELENGTH  $\lambda_p(\text{nm})$