Part No. 8mm 0. 5W 中功率草帽白光

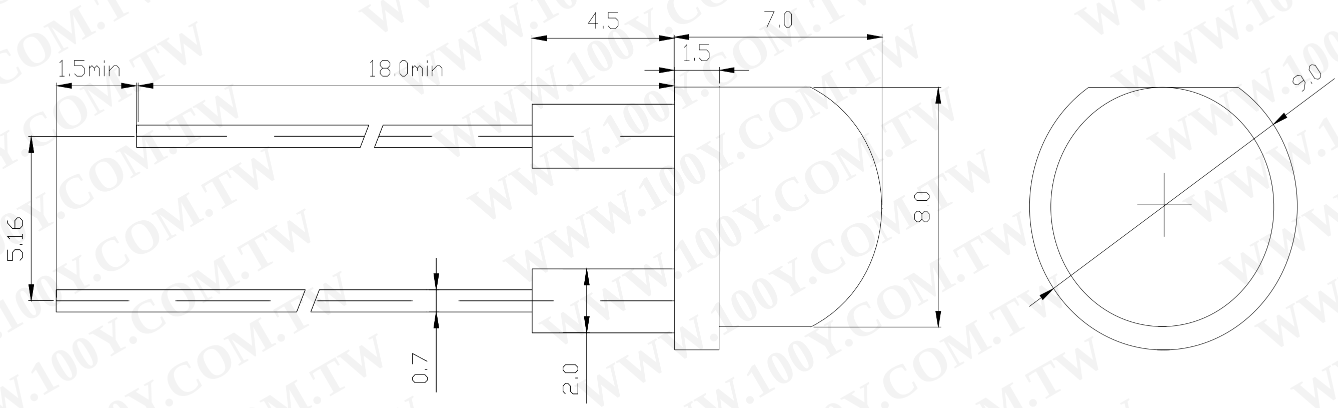
Featuers

- OUTSTANDING MATERIAL EFFICIENCY
- RELIABLE AND RUGGED
- ROHS COMPLIANT

Description

This devices aer made with InGaN

Package Dimensions



Notes:

1. All dimensions are in mm.
2. Tolerance is ±0.25 unless otherwiise noted.
3. lead spacing is measured where the leads emerge from the package.
4. specifications are subjeat to without notice.

SPEC NO: REV. NO:A\0 DATE:
APPROVED: CHECKED: DRAWN:

Selection Guide

Part No.	Dice	Lens Type
YY-082PNWECH7-01	**White (InGaN)**	**Water Clear**

Electrical/Optical Characteristics at Ta=25℃

Symbol	Parameter	Min.	Typ.	Max.	Units	Test Conditions
VF<1>	Forward Voltage	3.0	3.2	3.4	V	IF=150mA
IV<2>	Luminous Intensity	6000	8000	---	mcd	IF=150mA
¢ <2>	Luminous Flux	30	40	---	lm	IF=150mA
λD<3>	Dominant Wavelength	---	---	---	nm	IF=150mA
X、Y	X、Y Coordinate	---	0.31 0.32	---	---	IF=150mA
TC	Color Temperature		7000		K	IF=150mA
IR	Reverse Current	---	---	10	uA	VR=5V
Angle<4>	Viewing Angle	---	105	---	Deg.	IF=150mA

Notes:

1. Forward Voltage:±0.1V.
2. Luminous Intensity Luminous Flux: ±15%.
3. Wavelength: ±1nm.
4. Θ1/2 is the angle form optical centerline where the luminous intenstiy is 1/2 the optical centerline value.

Absolute Maximum Rating at TA=25℃

Parameter	Data	Units
Power Dissipation	750	mW
DC Forward Current	250	mA
Peak Forward Current<1>	600	mA
Reverse Voltage	5	V
Operating/Storage Temperature	-40℃ To +85℃	
Lead Solder Temperature<2>	260℃ For 5 Seconds	

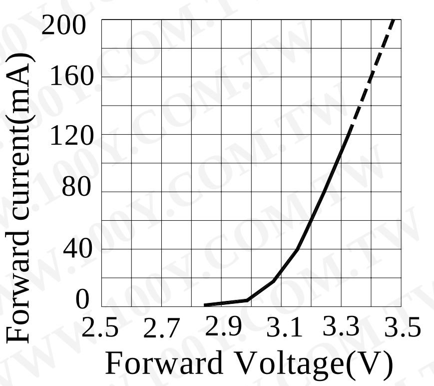
Notes:

1.1/10 Duty Cycle 0.1ms Pulse Width.

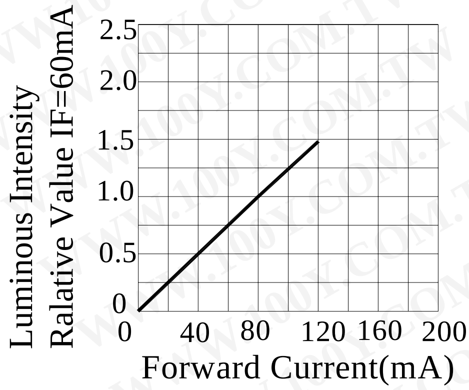
2.5mm Below Package Base.

SPEC NO: **REV. NO:A\0** **DATE:**

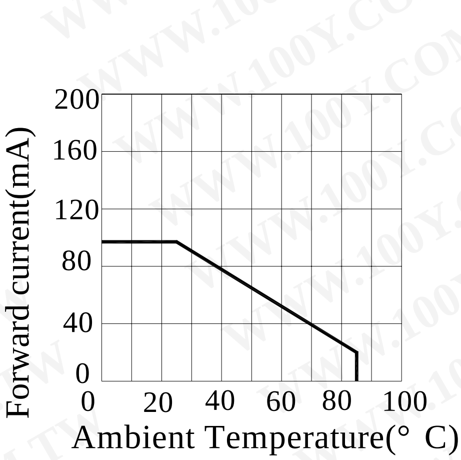
APPROVED: **CHECKED:** **DRAWN:**



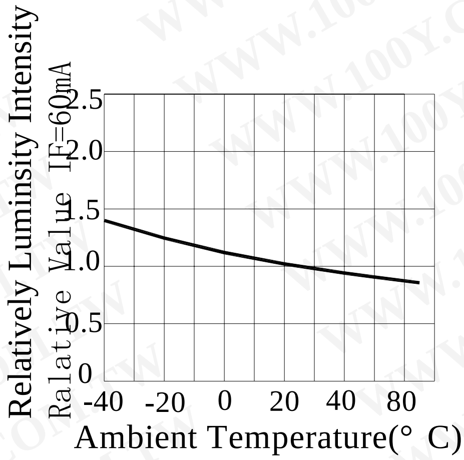
FORWARD CURRENT Vs.
FORWARD VOLTAGE



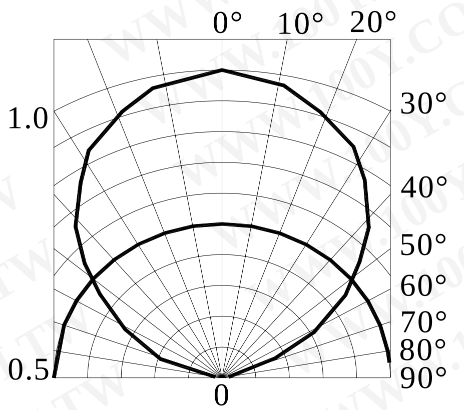
LUMINOUS INTENSITY VS.
FORWARD CURRENT



FORWARD CURRENT Vs.
DERATING CURVE



LUMINOUS INTENSITY VS.
AMBIENT TEMOERATURE



SPATIAL DISTRIBUTION

SPEC NO:	**REV. NO:A\0**	**DATE:**
APPROVED:	**CHECKED:**	**DRAWN:**