



PARA LIGHT ELECTRONICS CO., LTD.
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DATA SHEET

PART NO. : L-473UGD-DP1.0

REV : A / 2

PARA LIGHT ENGINEERING: _____
CUSTOMER'S APPROVAL: _____

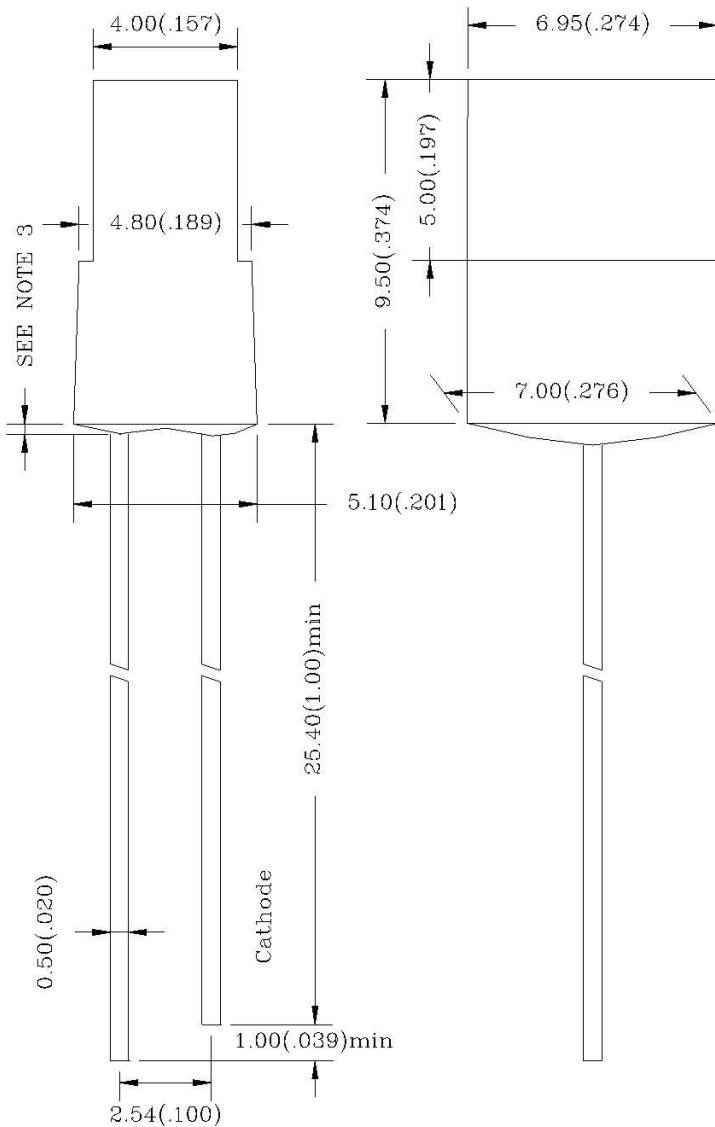
DCC: _____

PACKAGE DIMENSIONS

ITEM	MATERIALS
RESIN	Epoxy Resin
LEAD FRAME	Sn Plating iron Alloy

Note:

- 1.All Dimensions are in millimeters.
- 2.Tolerance is $\pm 0.25\text{mm}$ (0.010 ") Unless otherwise specified.
- 3.Protruded resin under flange is 1.0mm(0.059 ") max.





4.0*7.0*9.5 mm RECTANGULAR LED LAMP

L-473UGD-DP1.0

REV:A / 2

FEATURES

- * Highbrightness
- * High reliability
- * Lowvoltage characteristics
- * Wide Viewing Angle
- * Pb FREE Products
- * RoHS Compliant

CHIP MATERIALS

- * Dice Material : GaAlInP/GaAs
- * Light Color : YELLOW GREEN
- * Lens Color : GREEN DIFFUSED

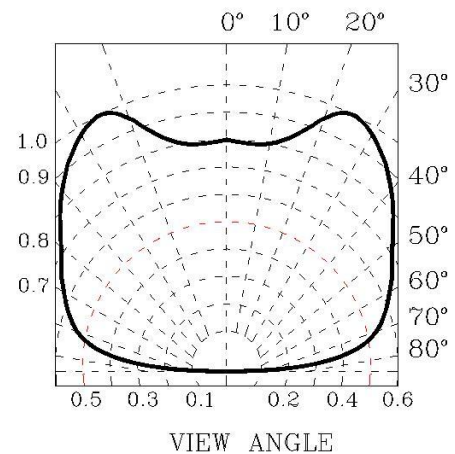
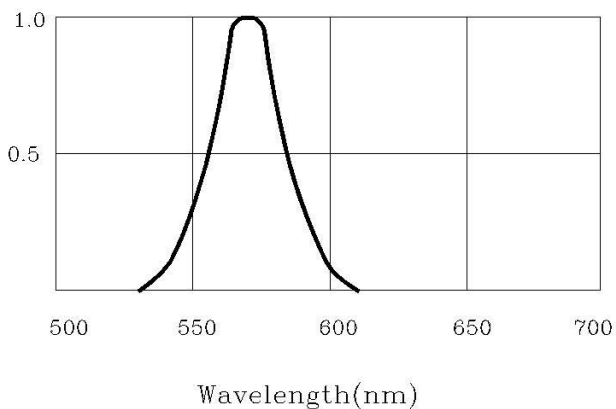
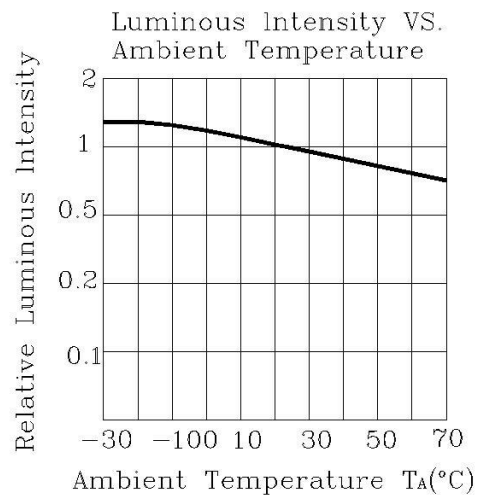
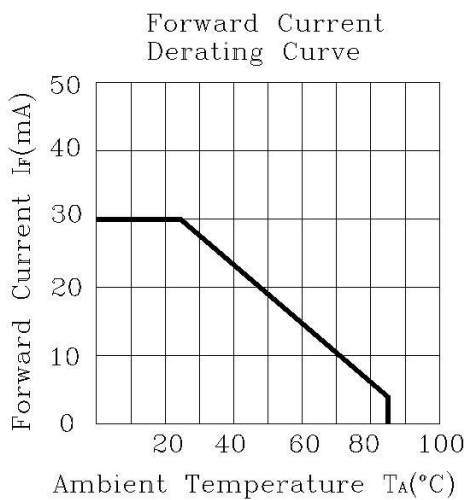
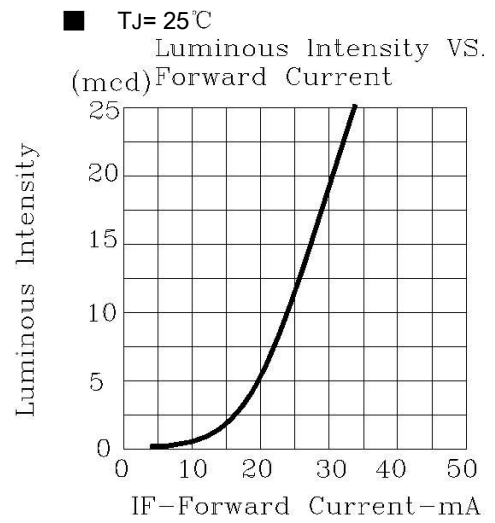
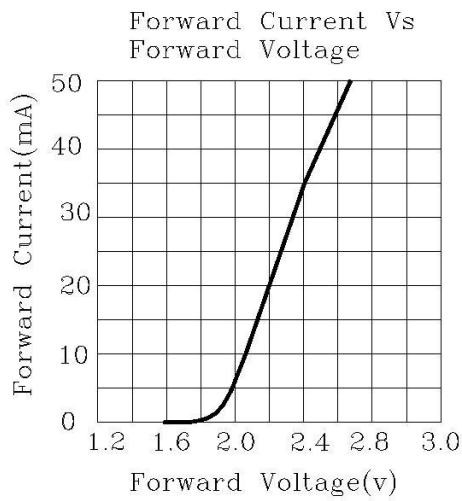
ABSOLUTE MAXIMUM RATING : (Ta = 25°C)

SYMBOL	PARAMETER	YELLOW GREEN	UNIT
PAD	Power Dissipation Per Chip	85	mW
VR	Reverse Voltage Per Chip	5	V
IAF	Continuous Forward Current Per Chip	30	mA
IPF	Peak Forward Current Per Chip (Duty—0.1,1KHz)	120	mA
—	Derating Linear From 25°C Per Chip	0.40	mA/°C
Topr	Operating Temperature Range	25°C to 85°C	
Tstg	Storage Temperature Range	25°C to 85°C	

IFP Condition : Pulse Width≤10msec, 10% duty cycle

ELECTROOPTICAL CHARACTERISTICS : (Ta = 25°C)

SYMBOL	PARAMETER	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
VF	Forward Voltage	IF = 20mA		2.2	2.8	V
IR	Reverse Current	VR = 5V			100	A
λD	Dominant Wavelength	IF = 20mA		570		nm
λ	Spectral Line Half Width	IF = 20mA		30		nm
2θ1/2	Half Intensity Angle	IF = 20mA		150		deg
IV	Luminous Intensity	IF = 20mA		8		mcd





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REV:A / 2



光鼎电子股份有限公司

PARA LIGHT ELECTRONICS CO.,LTD.

Label Explanation

PARA NO. :		
LOT NO. :		INSPECTED
BIN :		
Q' TY :	PCS	
N. W :	g	

PARA NO. : L473UGD-DP1.0 _____

LOT NO. : E L L 4 7 0009

A B C D E F

AE: For Serial number

BL: Local F: Foreign

CL: LAMP

DYear

EMonth

FSerial number

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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