



PARA LIGHT ELECTRONICS CO., LTD.
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DATA SHEET

PART NO. : L473ID

REV : A / 3

CUSTOMER'S APPROVAL : _____

DCC : _____

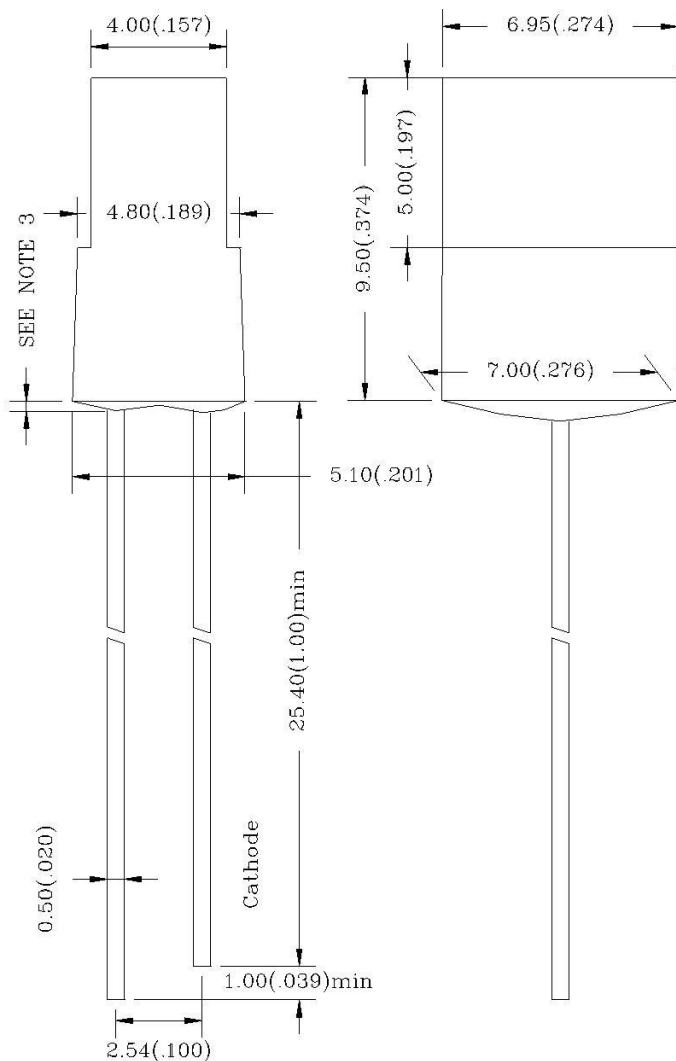
DRAWING NO. : DS34020066

DATE : 20141230

Page : 1

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 1.5mm (0.059 ") max.
4. Lead spacing is measured where the leads emerge from the package.
5. Specification are subject to change without notice
6. The lamps have sharp and hard points that may injure human eyes or fingers etc., so please pay enough care in the handling.



4.0*7.0*9.5 mm RECTANGULAR LED LAMP

L473ID

REV:A / 3

FEATURES

- * 4.0*7.0*9.5 mm RECTANGULAR LED LAMP.
- * LOW POWER CONSUMPTION.
- * I.C. COMPATIBLE.
- * LONG LIFE SOLID STATE RELIABILITY
- * Pb FREE PRODUCTS

CHIP MATERIALS

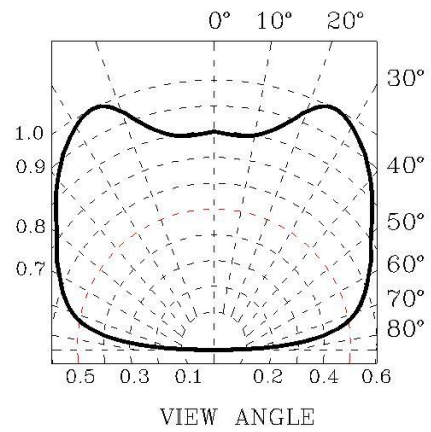
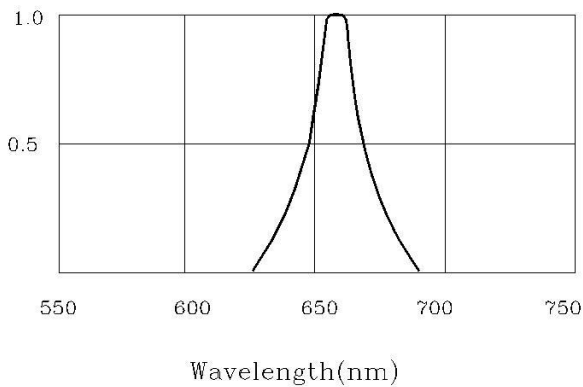
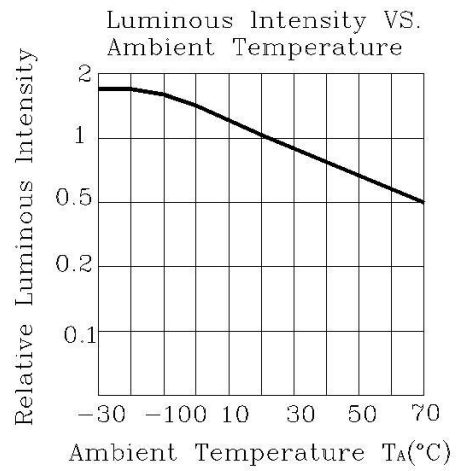
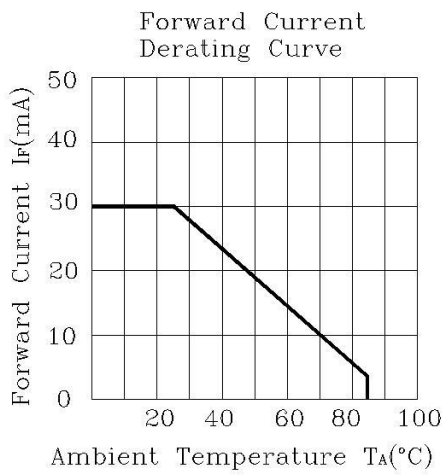
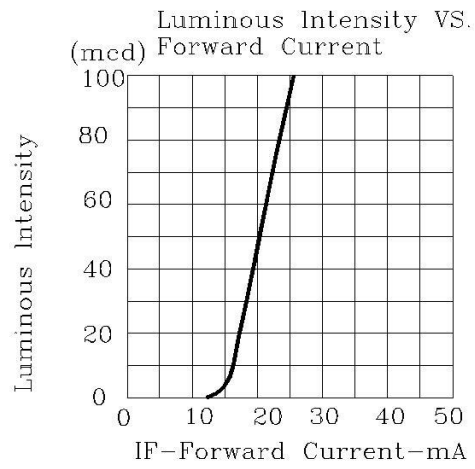
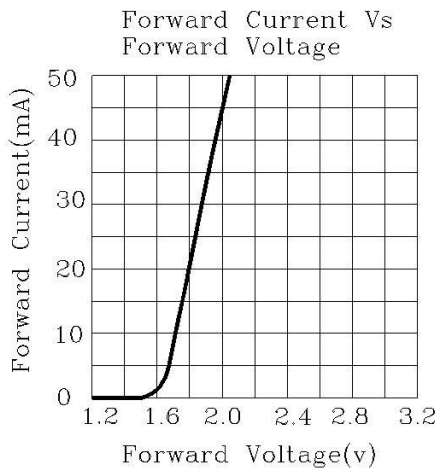
- * Dice Material : GaAlInP/GaAs
- * Light Color : SUPER RED
- * Lens Color : RED DIFFUSED

ABSOLUTE MAXIMUM RATING : (Ta = 25°C)

SYMBOL	PARAMETER	SUPER RED	UNIT
PD	Power Dissipation Per Chip	70	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)	60	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	

ELECTROOPTICAL CHARACTERISTICS : (Ta = 25°C)

SYMBOL	PARAMETER	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
VF	Forward Voltage	IF = 20mA		1.8	2.2	V
IR	Reverse Current	VR = 5V			100	A
λP	Peak Emission Wavelength	IF = 20mA		640		nm
λ	Spectral Line HalfWidth	IF = 20mA		20		nm
2θ1/2	Half Intensity Angle	IF = 20mA		150		deg
IV	Luminous Intensity	IF = 20mA		50		mcd





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光鼎电子股份有限公司

PARA LIGHT ELECTRONICS CO.,LTD.

Label Explanation

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

PARA NO. :

LOT NO. : E L L 4 7 0009

A B C D E F

AE: For series number

BL: Local F: Foreign

CL: LAMP

DYear

EMonth

FSPEC.