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DATA SHEET

PART NO. : L473ID

REV : A / 3

CUSTOMER'S APPROVAL : _____

DCC : _____

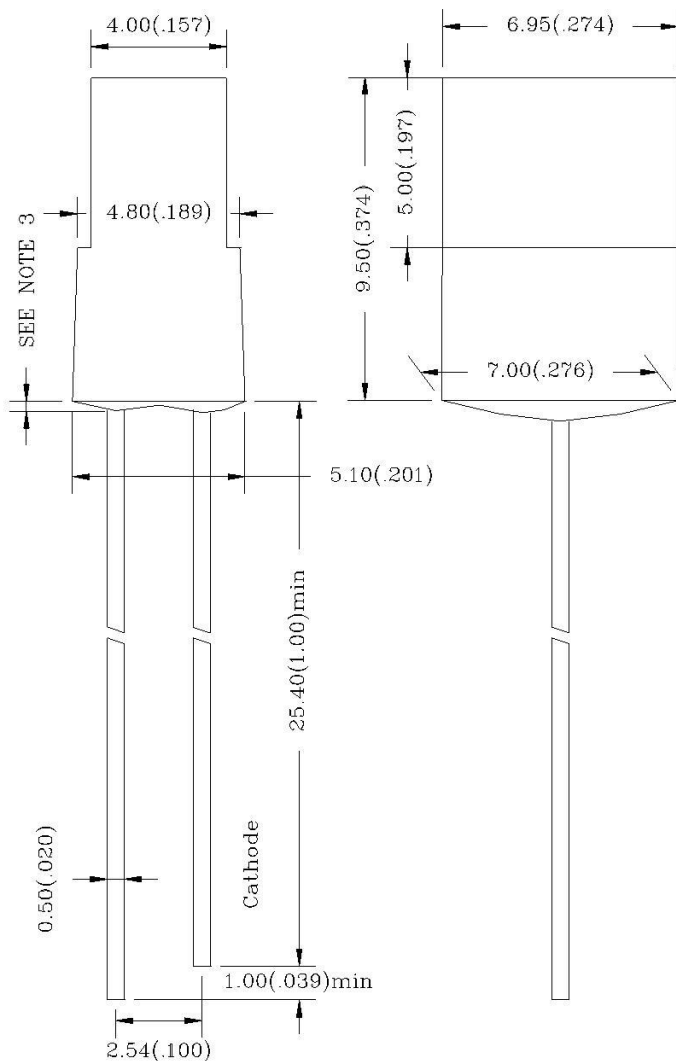
DRAWING NO. : DS34020066

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 $\pm 0.25\text{mm}(0.010 \text{ "})$ Unless otherwise specified.
- 3.Protruded resin under flange is $1.5\text{mm}(0.059 \text{ "})$ 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

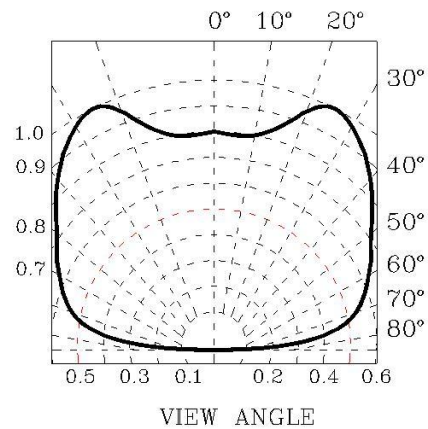
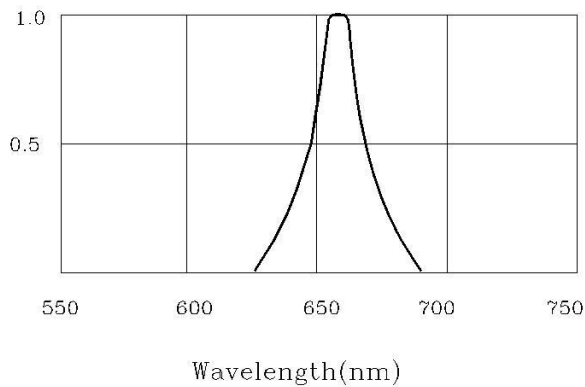
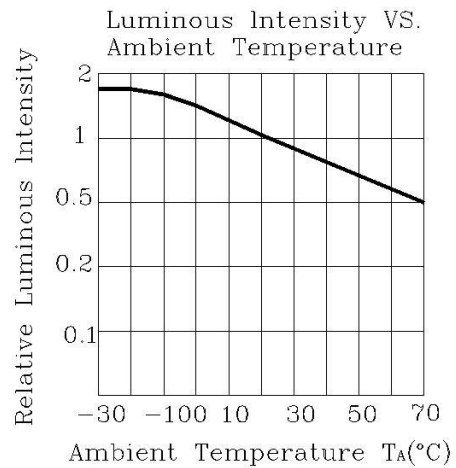
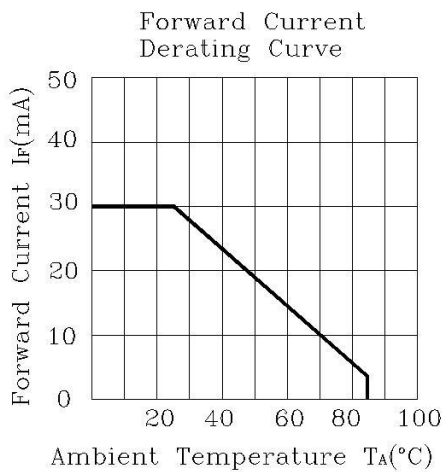
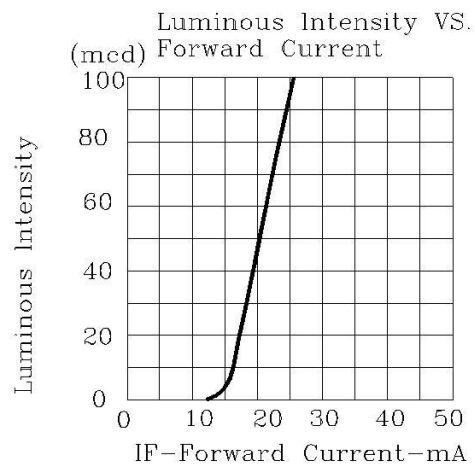
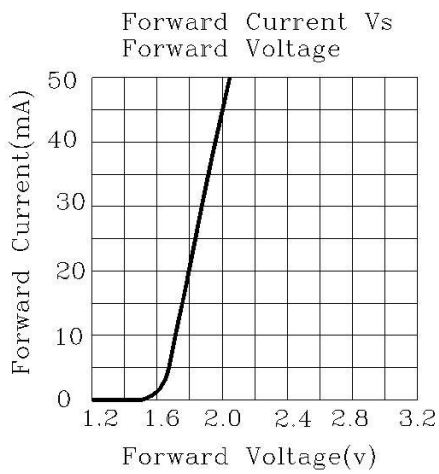
- * Dice Material : GaAlInP/GaAs
- * Light Color : SUPER RED
- * Lens Color : RED DIFFUSED

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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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