LY1144-GXHE

20.0MM ROUND LED LAMP
(HIGH EFFICIENCY GREEN)

Features

* LOW CURRENT REQUIREMENTS
* HIGH LIGHT OUTPUT
* RELIABLE AND RUGGED
* IC COMPATIBLE

Absolute Maximum Ratings at T_A=25℃

REVERSE VOLTAGE PER LED CHIP (<100μ A)……	5.0V
D.C. FORWARD CURRENT……	30mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH)……	100 mA
OPERATING TEMPERATURE RANGE……	-25℃ TO + 85℃
STORAGE TEMPERATURE RANGE……	-25℃ TO +100℃
LEAD SOLDERING TEMP. (1.6mm FROM BODY)……	260℃ FOR 5 SEC

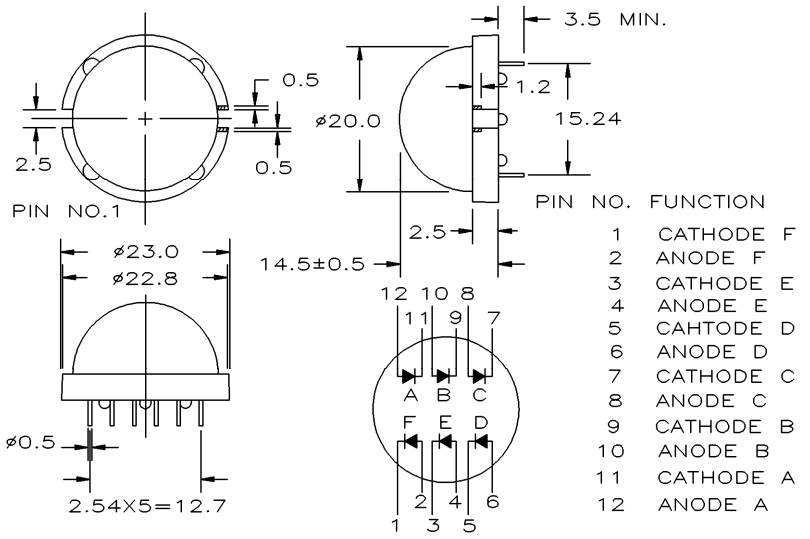
Electrical/optical characteristics at T_A=25℃

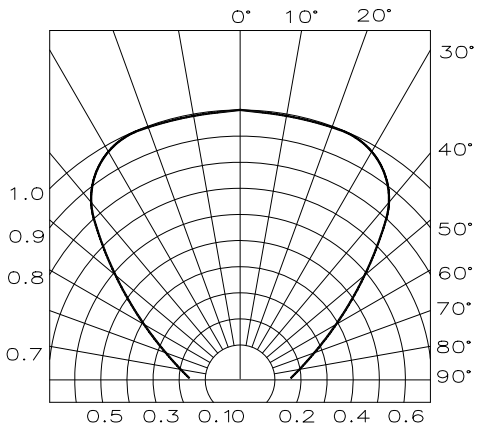
PART NUMBER		LED CHIP		LEN'S COLOR		PEAK WAVELENGTH @20 mA (nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE $2\theta_{1/2}$ (deg)
		MATERIAL	EMITTING COLOR				TYP.	MAX.	MIN.	TYP.	
LY1144-G1HENGRN	LY1144-G2HENWRN	GaP	GREEN	G.D	W.D	567	2.1	2.6	210.0	350.0	110

(1) LEN'S COLOR
G.D…..GREEN DIFFUSED
W.D…..WHITE DIFFUSED

(2) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
(3) ALL ABOVE COMPONENTS ARE CONSIDERED . DEVIATIONS FROM STATED SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED .

Package Dimensions



1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS±0.25mm UNLESS OTHERWISE NOTED.
2. HOLDER MATERIAL AND COLOR : WHITE PPA

Radiation Pattern