



LEDTECH ELECTRONICS CORP.

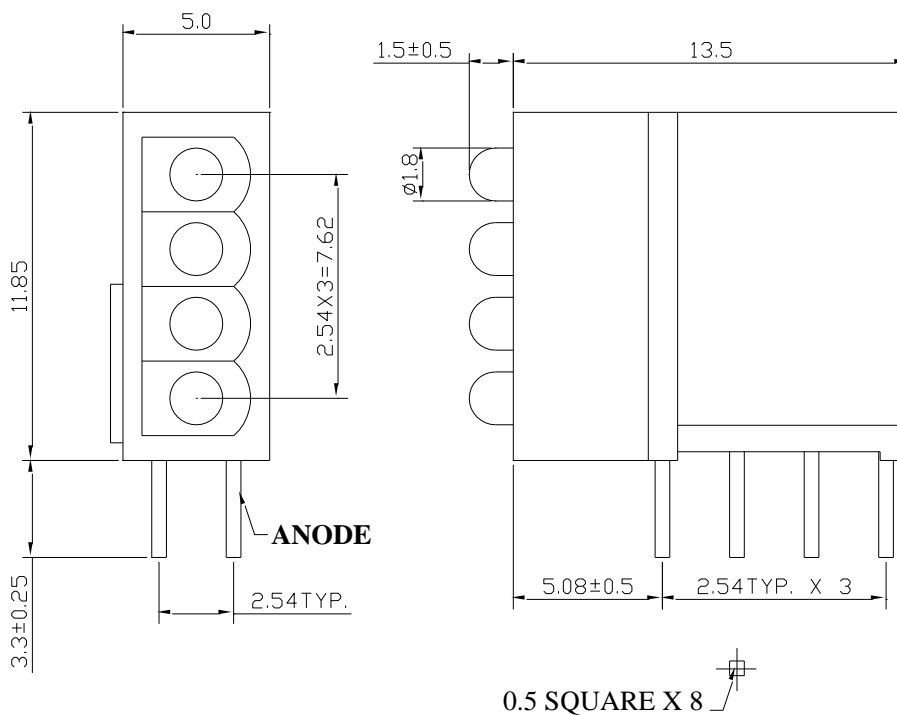
(Zone 22) North Guiyuan Rd., West Jixi Rd., Duanzhou District, Zhaoqing City, Guangdong Province, China  
TEL:86-758-2877017,2875541,2870651,2877464  
FAX:86-758-2878014  
[Http://www.ledtech.com.tw](http://www.ledtech.com.tw)

# SPECIFICATION

*PART NO. : LT6N4G-H408-S04*  
**1.8mm CYLINDRIC LAMP  
WITH HOLDER**



Approved by	Checked by	Prepared by
<i>Tung</i>	<i>Yang</i>	<i>Sun</i>

**Package Dimensions**

**Notes:**

1. All dimensions are in millimeters.
2. Tolerance is  $\pm 0.25$ mm unless otherwise noted.
3. The color of the holder: Black.
4. The material of holder: N66.

**Description**

Part No.	LED Chip		Lens Color
	Material	Emitting Color	
LT6N4G-H408-S04	GaP/GaP	Green	Green diffused

**LT6N4G-H408-S04**1.8mm CYLINDRIC LAMP  
WITH HOLDER**Absolute Maximum Ratings at Ta=25°C**

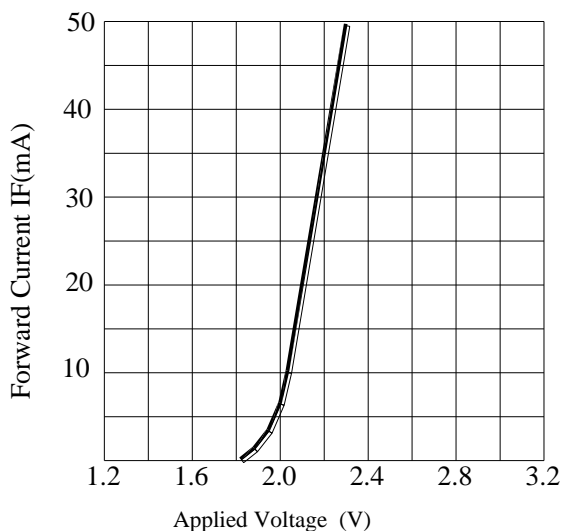
Parameter	Symbol	Rating	Unit
Power Dissipation	PD	78	mW
Reverse Voltage	VR	5	V
D.C. Forward Current	If	30	mA
Reverse (Leakage) Current	Ir	100	$\mu$ A
Peak Current(1/10Duty Cycle,0.1ms Pulse Width.)	If(Peak)	100	mA
Operating Temperature Range	Topr.	-25 to +85	°C
Storage Temperature Range	Tstg.	-40 to +100	°C
Soldering Temperature(1.6mm from body)	Tsol	Dip Soldering : 260°C for 5 sec. Hand Soldering : 350°C for 3 sec.	

**Electrical and Optical Characteristics:**

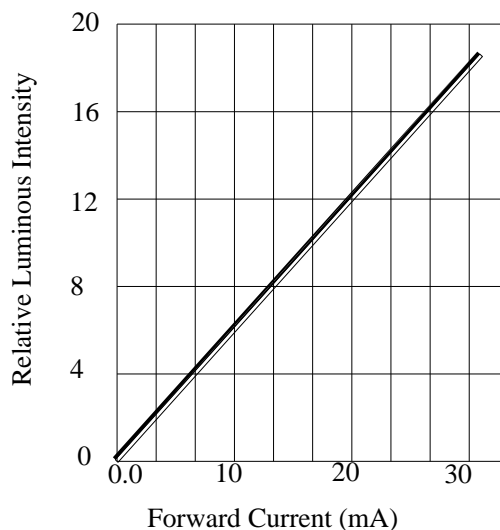
Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	Iv	If=20mA	6.22	12		mcd
Forward Voltage	Vf	If=20mA		2.1	2.6	V
Peak Wavelength	$\lambda_p$	If=20mA		567		nm
Dominant Wavelength	$\lambda_d$	If=20mA		572		nm
Reverse (Leakage) Current	Ir	VR=5V			100	$\mu$ A
Viewing Angle	$2\theta_{1/2}$	If=20mA		70		deg
Spectrum Line Halfwidth	$\Delta\lambda$	If=20mA		30		nm

Note:The datas come from the SPEC. of LT6N21-45-CBC-MAS.

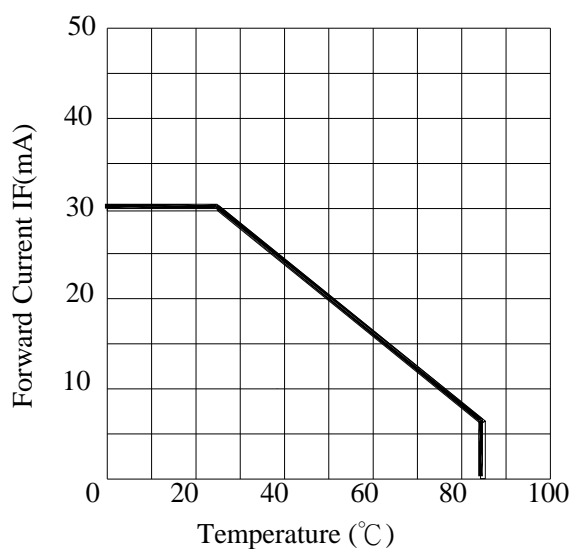
**Typical Electrical / Optical Characteristics Curves :**



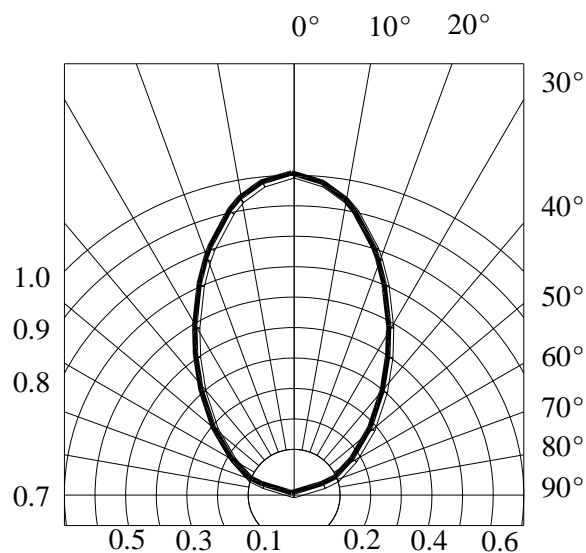
**FORWARD CURRENT VS. APPLIED VOLTAGE**



**FORWARD CURRENT VS. LUMINOUS INTENSITY**



**FORWARD CURRENT VS. AMBIENT TEMPERATURE**



**RADIATION DIAGRAM**