



LEDTECH ELECTRONICS CORP.

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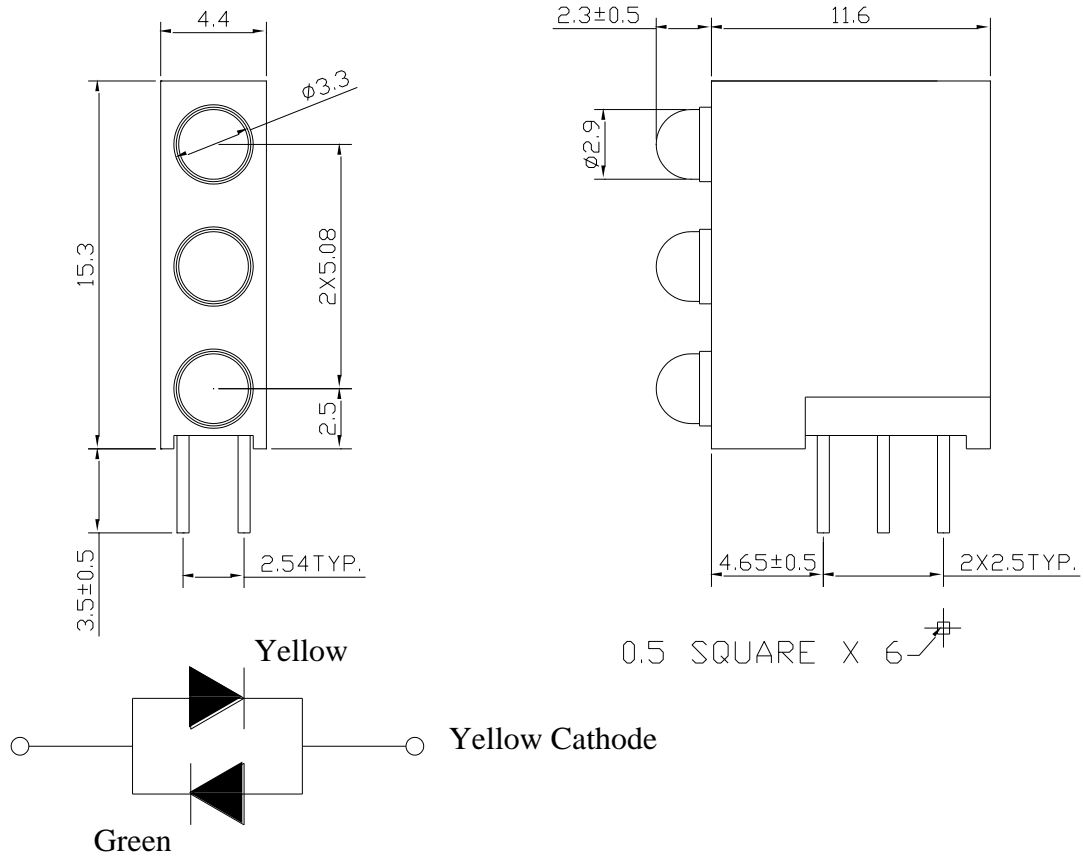
# SPECIFICATION

*PART NO. : LT63302-32-H305-C17*

**2.9mm ROUND LED LAMP WITH HOLDER**



Approved by	Checked by	Prepared by
<i>KJ</i>	<i>Yue</i>	<i>Lyj</i>

**Package Dimensions**

**Notes:**

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

**Description**

Part No.	LED Chip		Description
	Material	Emitting Color	
LT63302-32-H305-C17	GaAsP/GaP	Yellow	White Diffused
	GaP/GaP	Green	

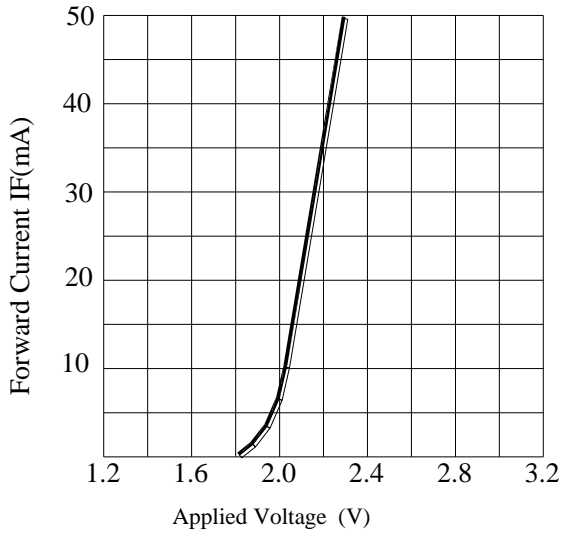
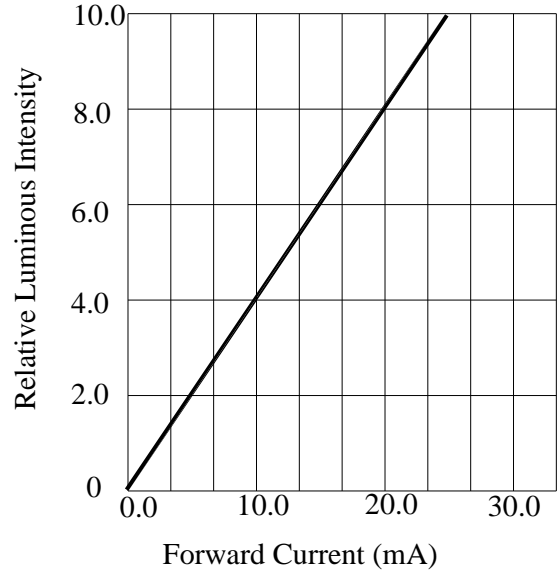
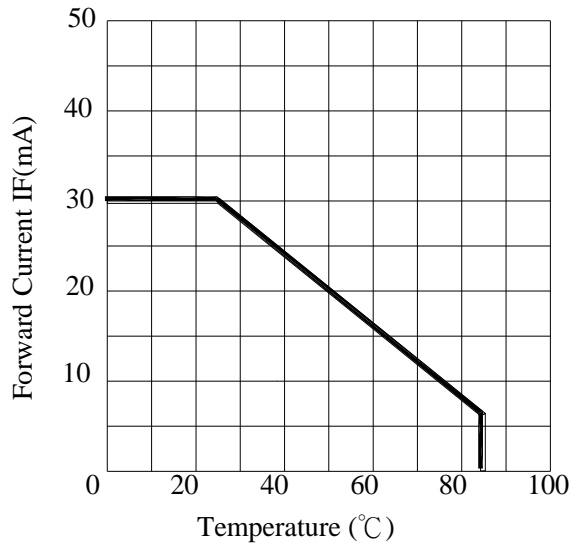
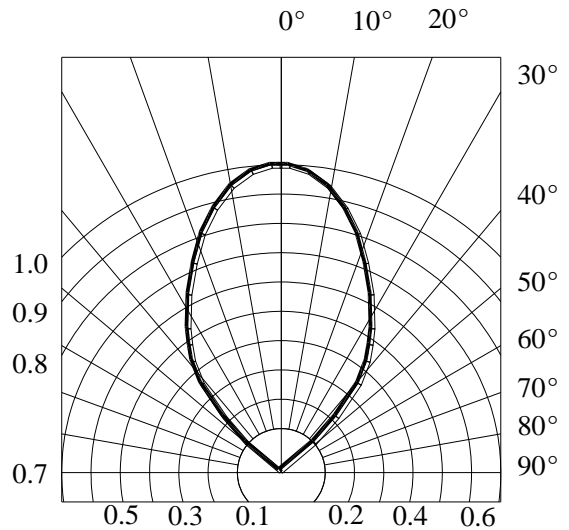
**Absolute Maximum Ratings at Ta=25 °C**

Parameter	Symbol	Rating	Unit	
Power Dissipation per Lamp	PD	Y	78	mW
		G	78	
Reverse Voltage per Lamp	V <sub>R</sub>	5	V	
D.C. Forward Current per Lamp	I <sub>f</sub>	30	mA	
Peak Current(1/10 Duty Cycle,0.1ms Pulse Width.) per Lamp	I <sub>f</sub> (Peak)	100	mA	
Operating Temperature Range	Topr.	-25 to +85	°C	
Storage Temperature Range	Tstg.	-40 to +100	°C	

**Electrical and Optical Characteristics:**

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit	
Luminous Intensity per Lamp	I <sub>v</sub>	I <sub>f</sub> =20mA	Y	4.5	8.0	mcd	
			G	4.5	8.0		
Forward Voltage per Lamp	V <sub>f</sub>	I <sub>f</sub> =20mA	Y		2.1	2.6	V
			G		2.1	2.6	
Peak Wavelength per Lamp	λ <sub>p</sub>	I <sub>f</sub> =20mA	Y		585	nm	
			G		567		
Dominant Wavelength per Lamp	λ <sub>d</sub>	I <sub>f</sub> =20mA	Y		590	nm	
			G		572		
Reverse Current per Lamp	I <sub>r</sub>	V <sub>r</sub> =5V	Y		100	μA	
			G		100		
Viewing Angle per Lamp	2θ 1/2	I <sub>f</sub> =20mA	Y		70	deg	
			G		70		
Spectrum Line Halfwidth per Lamp	Δλ	I <sub>f</sub> =20mA	Y		35	nm	
			G		30		

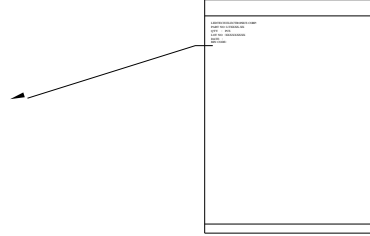
NOTE:THE DATAS COME FROM THE SPEC. OF LT6302-32-A64.

**Typical Electrical / Optical Characteristics Curves :****FORWARD CURRENT VS. APPLIED VOLTAGE****FORWARD CURRENT VS. LUMINOUS INTENSITY****FORWARD CURRENT VS. AMBIENT TEMPERATURE****RADIATION DIAGRAM**

**ENCASED TYPE**

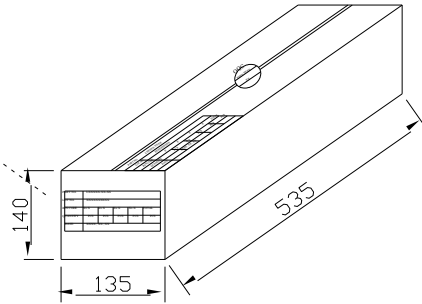
**PLASTIC PACKAGE**  
**QUANTITY: 250 PCS**

LEDTECH ELECTRONICS CORP.	
PART NO :LTXXXX-XX	
Q'TY	: PCS
LOT NO	:XXXXXXXXXX
DATE	:
BIN CODE:	



**INNER BOX**  
**QUANTITY: 12 PACKETS**  
**TOTAL: 3000 PCS**

PART NO.	LXXXX-XX-XX				
LOT NO.	XXXXXXXXXX				
BIN CODE	Xx X	Xx X	Xx X	Xx X	TOTAL
QUANTITY	PCS	PCS	PCS	PCS	PCS
DATE	XXXX, XX, XX				



**OUTER CARTON**  
**QUANTITY: 4 BOX**  
**TOTAL: 12000 PCS**

C/T NO. 箱 號	XX
PART NO. 料 號	LXXXX-XX-XX
QUANTITY 數 量	PCS
N.W. 淨 重	KGS
G.W. 毛 重	KGS
REMARK 備 註	

