



LEDTECH ELECTRONICS CORP.

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[Http://www.ledtech.com.tw](http://www.ledtech.com.tw)

SPECIFICATION

PART NO. : LY12SJ-LB



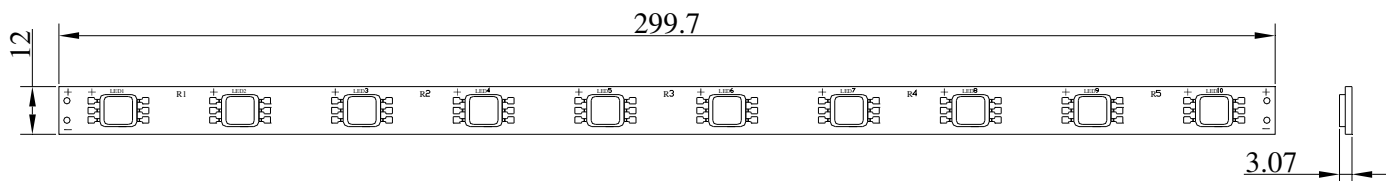
Approved by

Checked by

Prepared by

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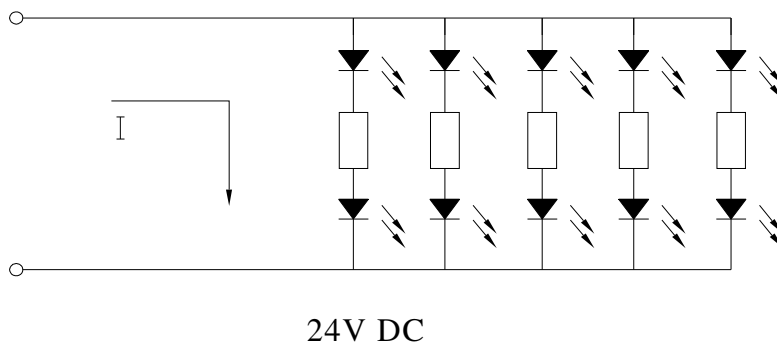
Assembly drawing



Notes:

- 1. ALL DIMENSIONS ARE IN mm.
- 2. TOLERANCE IS ± 0.25 mm UNLESS OTHERWISE NOTED.

Circuits



Description

Part No.	LED Chip		Lens Color
	Material	Emitting Color	
LY12SJ-LB	InGaN	White	Water Clear

Absolute Maximum Ratings at Ta=25 °C

Parameter	Symbol	Rating	Unit
Power Dissipation	P _D	6.0	W
D.C. Forward Current	I _f	200	mA
Operating Temperature Range	T _{opr.}	-25 to +60	°C
Storage Temperature Range	T _{stg.}	-40 to +100	°C
Electrostatic discharge	ESD	6000	V
Soldering Temperature(1.6mm from body)	T _{sol.}	Dip Soldering: 260°C for 5sec Hand soldering: 350°C for 3sec	

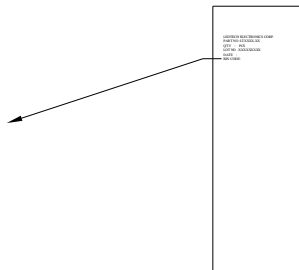
Electrical and Optical Characteristics:

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit	
Luminous Intensity (Per LED)	I _v	I _f =72mA	1612	4500		mcd	
Luminous Flux (Per LED)	Φ _v	I _f =72mA		11000		mlm	
Forward Voltage (Per LED)	V _f	I _f =72mA		3.2	3.8	V	
Forward Current	I _f	V _{in} =24V		150	200	mA	
Correlated Colour Temperature (Per LED)	A	CCT	I _f =72mA	7000	-	7500	°K
	B			7500	-	8000	
Viewing Angle (Per LED)	2θ 1/2	I _f =72mA		120		deg	

ENCASED TYPE

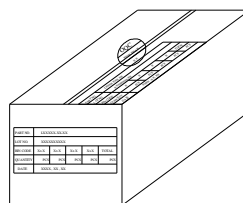
PLASTIC TUBE
 QUANTITY: 1 PCS

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



INNER BOX
 QUANTITY: PACKETS
 TOTAL: 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: 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	

