



TOYO LED ELECTRONICS LIMITED

Room 1610, Hong Kong Plaza, 188 Connaught Road West, Hong Kong.

Tel : (852) 2540 7288

<http://www.toyo-led.com>

Fax : (852) 2517 1797

E-mail : sales@toyo-led.com



P/N: TY-HP3BL

High Power LEDs Series

SPECIFICATION FOR CUSTOMER APPROVAL

P/N: TY-HP3BL

DATE : September 14, 2015

PREPARED BY : Chen Li fen

CONFIRMED BY :

PLEASE CONFIRM & SIGN BACK THIS SHEET TO US

CUSTOMER:

(COMPANY CHOP)

APPROVAL BY:

(SIGNATURE)



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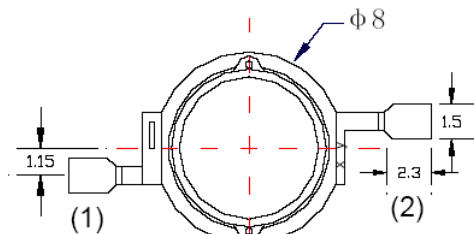
✧ Features:

- 3 W High Power LED
- Emitted color: Warm White
- Silica package
- Long operating life

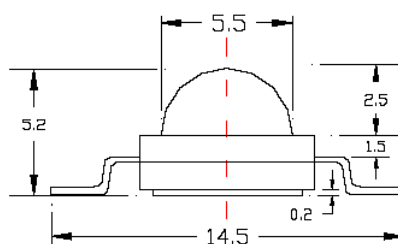
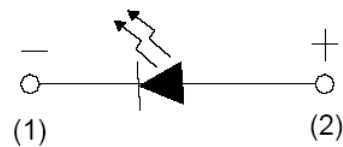
✧ Application

- General lighting
- Architectural Lighting
- Decoration lighting
- Advertisement

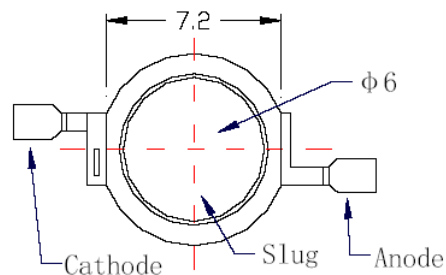
✧ Package Dimensions



Top View



Side View



Bottom View

NOTES :

1. All dimensions are in millimeter[unit];
2. Tolerance is ± 0.1 mm unless other specified;
3. Specifications are subject to change without notice.



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Part No.	Emitted Color	Lens Color
TY-HP3BL	Blue	Water Clear

✧ Absolute Maximum Ratings(Ta=25 °C)

Item	Symbol	Maximum	Unit
Power Dissipation	PD	3	W
Continuous Forward Current	I _{Fmax}	700	mA
Peak Forward Current(1/10 Duty Cycle 0.1ms Pulse Width)	I _{FP}	1000	mA
Reverse Voltage	V _R	5	V
Operating Temperature Range	T _{opr}	-25 to+75	
Storage Temperature Range	T _{stg}	-40 to+80	
Hand Soldering Temperature	T _{sol}	350±20 /3 ~ 5sec	

✧ Electrical/Optical Characteristics(Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F =700mA	3.0	---	3.6	V
Luminous Flux		I _F =700mA	50	---	60	lm
Color Temperature	λ _d	I _F =700mA	460	---	470	K
Viewing Angle	2θ1/2	I _F =700mA	---	140	---	Deg
Reverse Current	I _R	V _R =-5V			10	μA



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✧ Typical Electro-Optical Characteristic Curve

