

QT-Brightek Lamp Series
3mm Flat Top Cylindrical Lamp
Part No.: QBFL7XX110D Series

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Introduction

Feature:

- Color diffused lens
- Package in bulk pack
- 3mm flat top cylindrical lamp
- InGaN technology for IG
- Viewing Angle: 110° typ.

Description:

These 3mm flat top round lamps with 6.1mm lens height are suitable for all indicator applications.

Application:

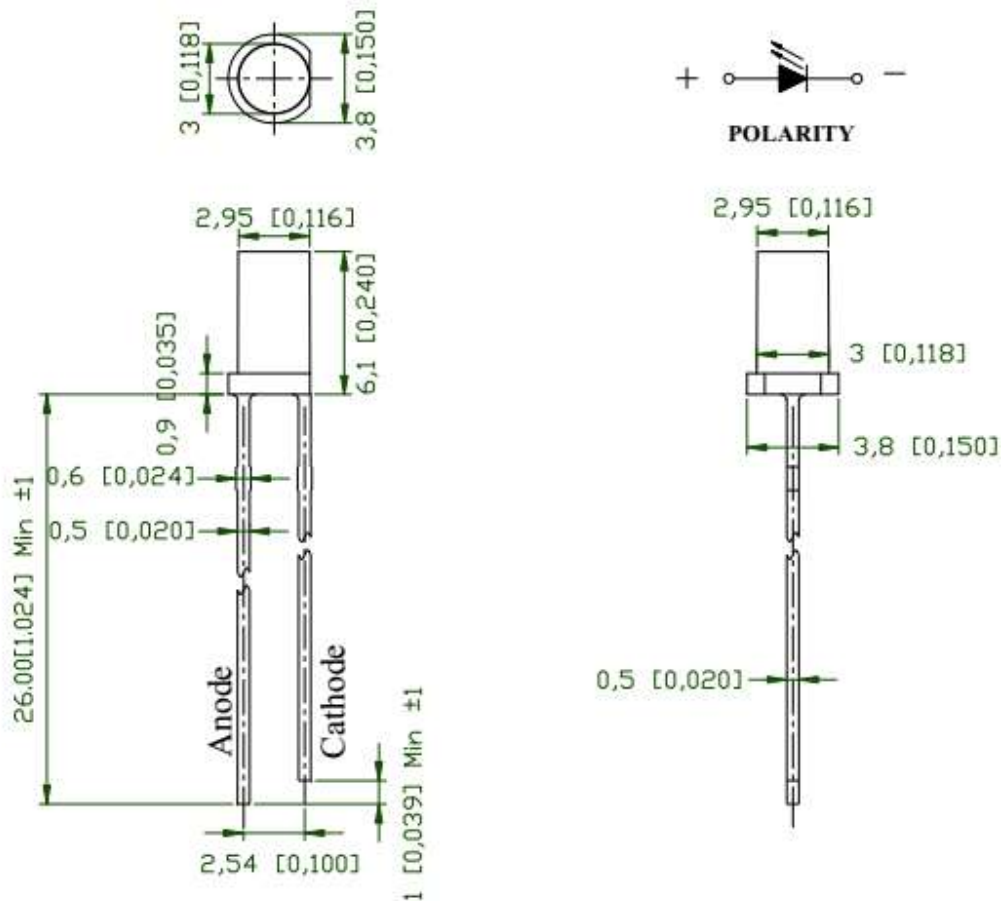
- General purpose indicator application
- Electronic signs and electronics board
- Circuit board

Certification & Compliance:

- TS16949
- ISO9001
- RoHS Compliant



Dimension:



Units: mm / tolerance = +/-0.25mm unless otherwise noted

Electrical / Optical Characteristic (Ta=25°C)

Product	Color	I _F (mA)	V _F (V)		λ _d (nm)	I _v (mcd)	
			Typ.	Max.	Typ.	Min.	Typ.
QBFL7IG110D	True Green	20	3.2	3.6	525	780	1300

Absolute Maximum Rating

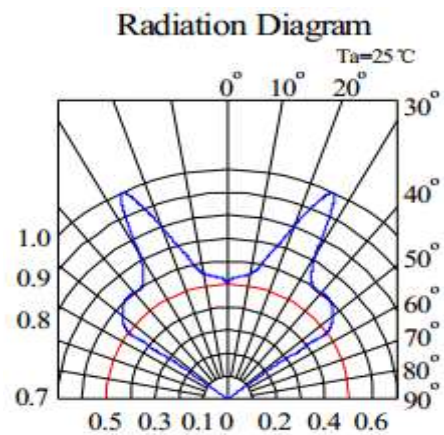
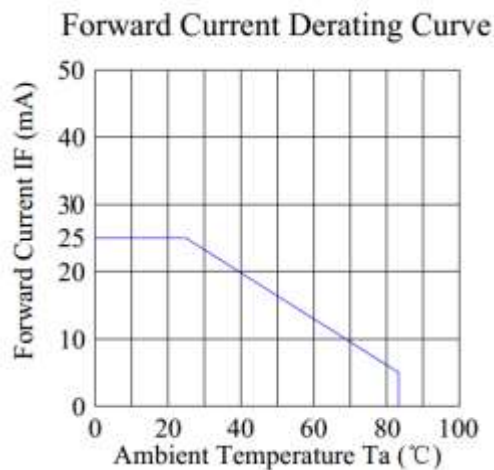
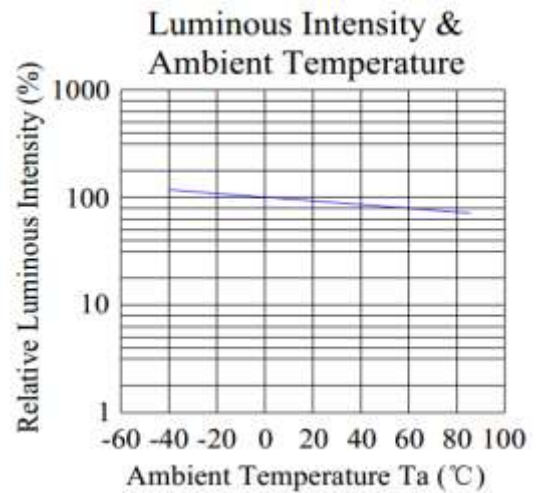
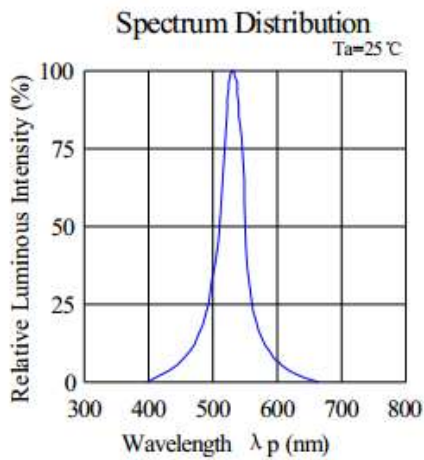
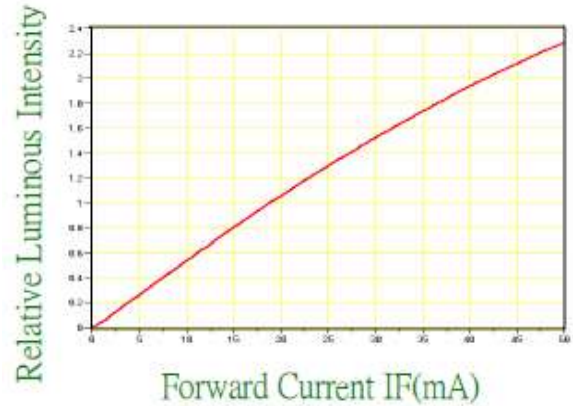
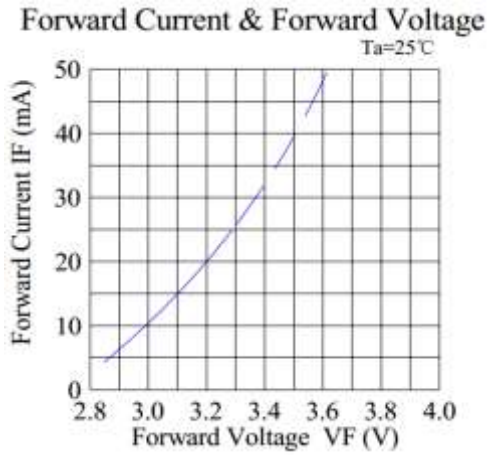
Material	P _d (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	T _{OP} (°C)	T _{ST} (°C)	T _{sol} (°C)**
InGaN	95	25	100	5	-40 to +85	-40 to +100	260

*Duty 1/10, 0.1ms pulse width

**Wave Soldering for no more than 5 sec @ 260°C

Characteristic Curves

InGaN (IG)



Labeling

Part No: _____

Customer P/N: _____

Item: _____

Q'ty: _____

LOT NO: _____

Date: _____

Made in China

Ordering Information

Part #	Orderable Part #	Spec Range	Quantity per bag
QBFL7IG110D	QBFL7IG110D	Iv=1300mcd typ. @ 20mA, $\lambda_d=525\text{nm}$ typ.	500pcs



Revision History

Description:	Revision #	Revision Date
New Release of QBFL7XX110D Series	V1.0	02/23/2017

Disclaimer

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1. Life support devices or systems are devices or systems which, (a) are intended for surgical implant into the body, or (b) support or sustain life, and (c) whose failure to perform when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in a significant injury of the user.
2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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