



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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QT-Brightek Lamp Series

3mm Round Lamp

Part No.: QBL7SA30C

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Introduction

Feature:

- Water clear lens
- Packed in bulk
- 3mm round lamp
- AlGaAs technology
- Viewing angle: 30° typ.

Description:

These bright 3mm round type lamps are suitable for all indicator applications such as electronic signs and electronic board indicator.

Application:

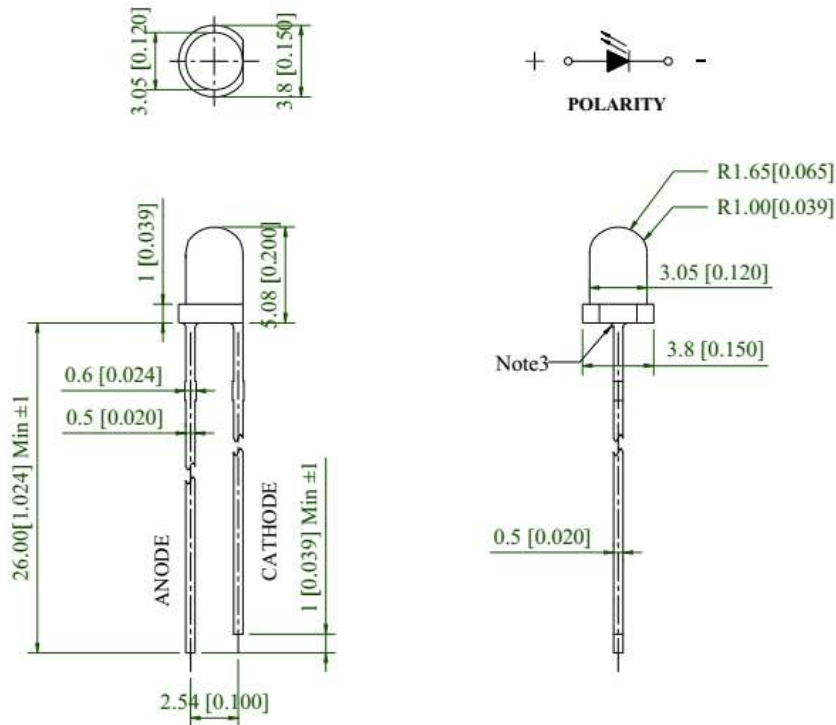
- General purpose indicator application
- Electronic signs and electronics board
- LED lighting

Certification & Compliance:

- TS16949
- ISO9001
- RoHS Compliant



Dimension:



Units: mm / general tolerance = +/-0.25mm unless otherwise specified

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.
QBL7SA30C	Deep Red	20	1.8	2.4	640	45	90

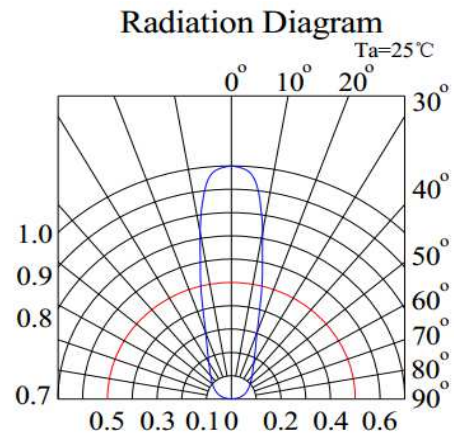
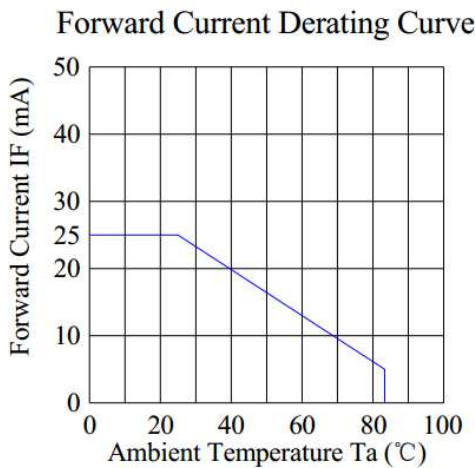
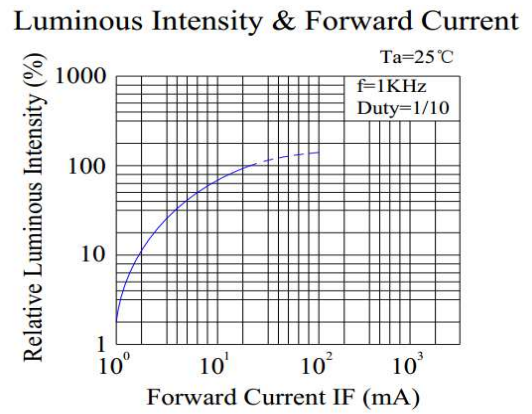
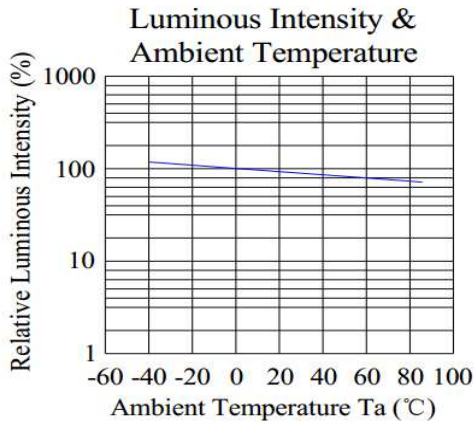
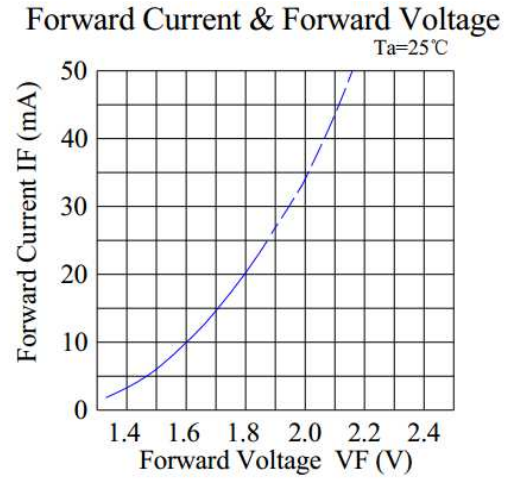
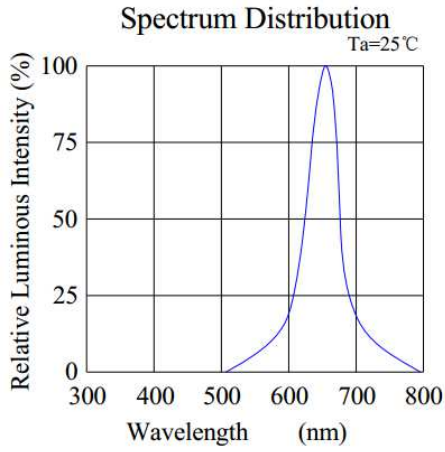
Absolute Maximum Rating

Material	P _d (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	T _{OP} (°C)	T _{ST} (°C)	T _{SOL} (°C)**
AlGaAs	60	25	100	5	-40 to +85	-40 to +100	260

*1/10 Duty Cycle, 0.1ms Pulse Width

**Wave Soldering for no more than 3 sec @ 260 °C

Characteristic Curves



Ordering Information

Part #	Orderable Part #	Spec Range	Quantity per bag
QBL7SA30C	QBL7SA30C	Iv=90mcd typ. @ 20mA, $\lambda_D=640\text{nm}$ typ.	500pcs

Revision History

Description:	Revision #	Revision Date
New Release of QBL7SA30C	V1.0	11/22/2017

Disclaimer

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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.