

QT-Brightek Lamp Series
3mm Round Deep Red LED
Part No.: QBL7R50C-2897
2897: High Brightness



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Introduction

Feature:

- Clear lens
- High brightness red
- Package in bulk pack
- 3mm round lamp
- Viewing angle: 50° typ.

Description:

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

Application:

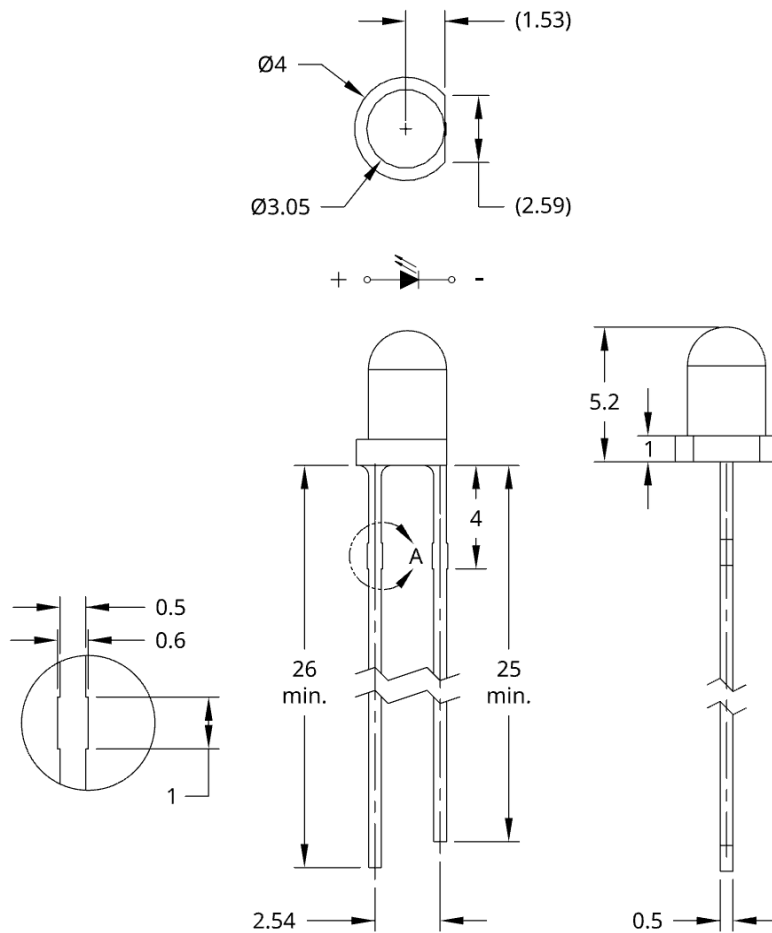
- General purpose indicator application
- Electronic signs and electronics board

Certification & Compliance:

- ISO9001
- RoHS Compliant



Dimension:



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



QBL7R50C-2897

3mm Round Lamp

Electrical / Optical Characteristic (Ta=25°C)

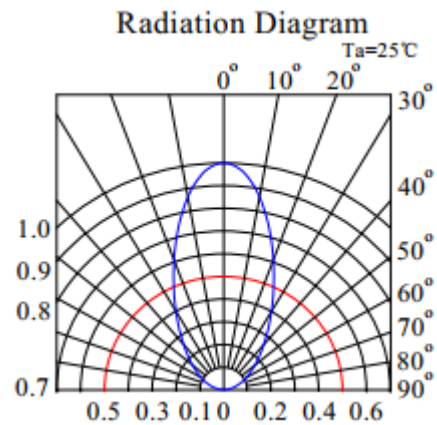
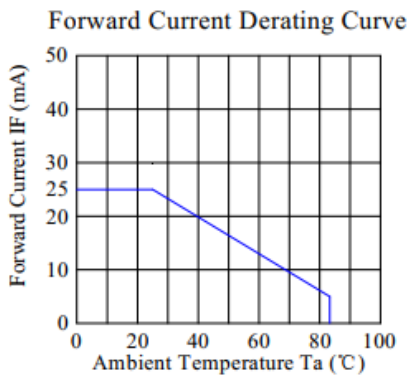
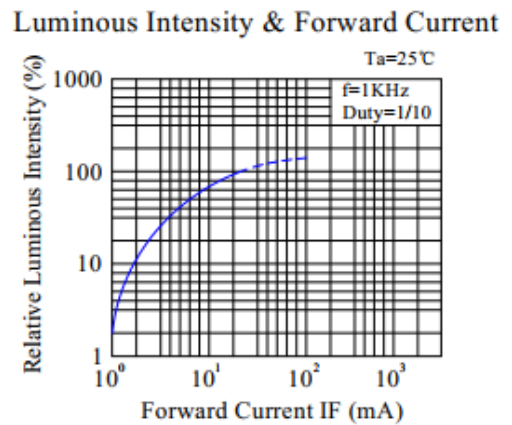
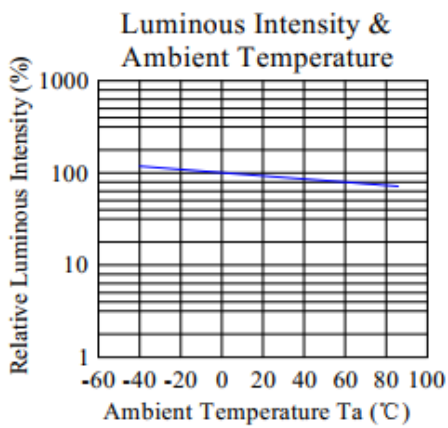
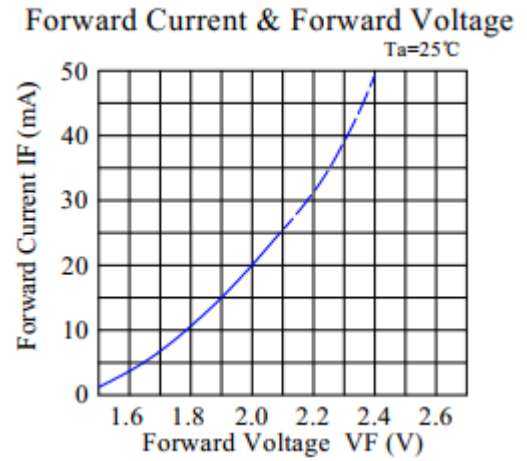
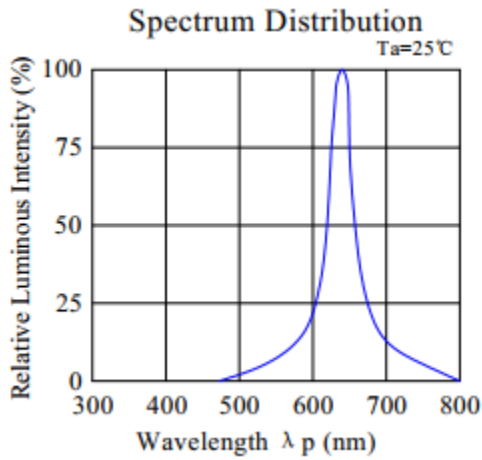
Product	Color	I _F (mA)	V _F (V)		λ _D (nm)	λ _P (nm)	I _V (mcd)	
			Typ.	Max.	Typ.	Typ.	Min.	Typ.
QBL7R50C-2897	Red	20	2.0	2.4	625	635	1800	2700

Absolute Maximum Rating

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

*Duty Factor = 10%, Frequency=1kHz

Characteristic Curves





QBL7R50C-2897

3mm Round Lamp

Ordering Information

Part #	Orderable Part #	Spec Range	Quantity per bag
QBL7R50C-2897	QBL7R50C-2897	I _v =2700mcd typ. @ 20mA, λ _D =625nm typ.	500pcs



Revision History

Description:	Revision #	Revision Date
New Release of QBL7R50C-2897	V1.0	05/25/2022

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.