

PRODUCT CHANGE NOTIFICATION

PCN No.:	10013	Date of Issue:	2023/01/20																																								
Title of Change:	LED chip brightness improvement	PCN Effective Date:	2023/01/20																																								
Change Description:	QTB datasheet is updated due to increased LED brightness.																																										
Reason for Change:	Due to the chip performance and efficiency improved over the year, LED light output is increased.																																										
Date Code Identification	Parts that are manufactured AFTER 11/01/2022 (After MF Date Code: 2022-11-01) will have new brightness spec.																																										
Inventory	There is no change to existing inventory at QTB's warehouse or at QTB's distributors, so customers may not see the new brightness bins for the affected product for a period of time. Customers may receive shipment from QTB's warehouse or QTB's distributor containing both the current and new spec in the same shipment until the inventory of the current brightness spec LEDs is depleted.																																										
Effect of Change on Product Fit, Form, or Function	Fit: Remains Unchanged, Form: Remains Unchanged, Function: Unchanged																																										
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		10/10/2010	Revision A																																								

Datasheet Version

QBLP677AD-RGB5

Old New

V1.1 V1.2

Old

New

I_V (mcd)	
Min.	Typ.
160	290
800	1600
80	140

I_V (mcd)	
Min.	Typ.
250	550
2000	4500
250	500