



PRODUCT CHANGE NOTIFICATION

PCN No: PCN-1119

Issue Date: 4/1/2026

Parts Affected	R5BC	Old Rev.	A	New Rev.	B
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Change Will Affect:

LED optical, electrical and mechanical characteristics.

Description of Change:

Changes are reflected as shown in the tables below.

R5BC

	Specification	R5BC Rev. A	R5BC Rev. B
1	Peak Wavelength Typ (nm)	Green= 568	Green= 565
2	Peak Forward Current Typical (mA)	150	100
3	Operating Temperature Range (C)	-25C to +85C	-40C to +85C
4	Storage Operating Temperature Range (C)	-30C to +100C	-40C to +100C
5	Forward Voltage Min/Typ/Max (V)	Red: N/A - 2.0 - 2.8 Green: N/A - 2.1 - 2.8	Red: 1.7 - 2.0 - 2.4 Green: 1.8 - 2.2 - 2.6
6	Reverse Current (uA)	100	10
7	Dominant Wavelength (nm)	Red: N/A - N/A - N/A Green: N/A - N/A - N/A	Red: 615 - 620 - 625 Green: 565 - 570 - 575
8	Luminous Min/Typ/Max (mcd)	Red: N/A - 4 - N/A Green: N/A - 3 - N/A	Red: 2 - 4 - 10 Green: 2 - 4 - 10

Effective Date of Change: April 1, 2026

Reason for Change: The LED die has been updated due to obsolescence of the previous chip.

These changes have been reviewed and approved by Bivar management per Bivar Procedure: Engineering Change Order and Part Change Notification, SOP-040, SOP-ENG-045

Please contact Bivar Inc. at www.bivar.com/contact or speak to a Bivar representative for any questions or support requirements within 30 days of issue date.

BV00-Q465 REV 92122