PRODUCT CHANGE NOTIFICATION
PCN No: PCN-1132
Issue Date: 7/17/2026

Parts Affected	5BC-3-CA-F	Old Rev.	B	New Rev.	C
	5BC-3-CA		B		C
	5BC-3-Y/G-CA-F		C		D

Change Will Affect:

LED optical, electrical and mechanical characteristics.

Description of Change:

Changes are reflected as shown in the tables below.

5BC-3-CA & 5BC-3-CA-F

	Specifications	**5BC-3-CA & 5BC-3-CA-F Rev. B**	**5BC-3-CA & 5BC-3-CA-F Rev. C**
1	Material	Red: GaAsP/GaP Green: GaP/GaP	Red: GaAsP Green: GaP
2	Luminous Min/Typ/Max (mcd)	Red: 2 - 4 - N/A Green: 2 - 5 - N/A	Red: 1 - 3 - N/A Green: 2 - 4 - N/A

5BC-3-Y/G-CA-F

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.

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	Specification	5BC-3-Y/G-CA-F Rev. C	5BC-3-Y/G-CA-F Rev. D
1	Material	Yellow: GaAsP/GaP Green: GaP/GaP	Yellow: GaAsP Green: GaP
2	Peak Wavelength Typ (nm)	Yellow: 590 Green: 568	Yellow: 585 Green: 565
3	Absolute Max Forward Current (mA)	30	20
4	Power Dissipation (mW)	80	70
5	Peak Forward Current Typical (mA)	150	100
6	Operating Temperature Min (C)	-25	-40
7	Storage Temperature Min (C)	-30	-40
8	Forward Voltage Min/Typ/Max (V)	Yellow: N/A - 2.0 - 2.8 Green: N/A - 2.1 - 2.8	Yellow: 1.7 - 2.1 - 2.4 Green: 1.7 - 2.2 - 2.8
9	Reverse Current (uA)	100	10
10	Dominant Wavelength (nm)	Yellow: N/A - N/A - N/A Green: N/A - N/A - N/A	Yellow: 585 - 590 - 595 Green: 565 - 570 - 575
11	Luminous Min/Typ/Max (mcd)	Yellow: N/A - 4 - N/A Green: N/A - 6 - N/A	Yellow: 1 - 3 - N/A Green: 2 - 4 - N/A
12	All eletro Optical Graphs	-	Revised

Effective Date of Change: July 17, 2026

Reason for Change: New chips are being used due to chip obsolescence.

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