



PRODUCT CHANGE NOTIFICATION

PCN No: PCN-1117

Issue Date: 3/24/2026

Parts Affected	3UGC-F	Old Rev.	C	New Rev.	D
	3UGC-S		C		D

Change Will Affect:

LED optical, electrical and mechanical characteristics.

Description of Change:

Changes are reflected as shown in the tables below.

3UGC-X

	Specification	3UGC-X Rev. C	3UGC-X Rev. D
1	Peak Wavelength	570	571
2	Viewing Angle (Degree)	3UGC-S = 30	3UGC-S = 20
3	Power Dissipation (W)	100	80
4	Peak Forward Current (mA)	150	100
5	Operating Temperature Range (C)	-25C to +85C	-40C to +85C
6	Storage Operating Temperature Range (C)	-30C to +100C	-40 to +100C
7	Forward Voltage Min, Typ, Max (V)	N/A - 2.1 - 2.4	1.7 - 2.0 - 2.4
8	Reverse Current (uA)	100	10
9	Dominant Wavelength Min, Max (nm)	3UGC-F: N/A - N/A - N/A 3UGC-S: N/A - N/A - N/A	3UGC-F: 565 - 570 - 575 3UGC-S: 567 - 572 - 577
10	Lumen Intensity Min, Typ, Max (mcd)	UGC-F: N/A - 200 - N/A 3UGC-S: N/A - 200 - N/A	UGC-F: 250 - 500 - 750 3UGC-S: 260 - 520 - 780
11	Radiation Graph	-	Revised

Effective Date of Change: March 24, 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