



PRODUCT CHANGE NOTIFICATION

PCN No: 1009 Issue Date: 11/4/2015

Parts Affected: UV3TZ and UV5TZ Series LED's

UV3TZ-390-15	UV5TZ-390-15
UV3TZ-390-30	UV5TZ-390-30
UV3TZ-395-15	UV5TZ-395-15
UV3TZ-395-30	UV5TZ-395-30
UV3TZ-400-15	UV5TZ-400-15
UV3TZ-400-30	UV5TZ-400-30
UV3TZ-405-15	UV5TZ-405-15
UV3TZ-405-30	UV5TZ-405-30

Change Will Affect: LED optical characteristics

Description of Change: Changes are reflected in **Red** as shown in the table on Page 2

Effective Date of Change: 4-Nov-15

Reason for Change: Original die chips have been obsoleted.
Replacement die chips have greater quality / efficiency

Effect of Change on Product Fit, Form, or Function.

Fit: Remains Unchanged

Form: Remains Unchanged

Function: Lower Forward Voltage (Increased Efficiency), Higher Power Emittance (mW)



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Specific changes to LED part numbers:

Bivar P/N	Forward Voltage (V)						Emitting Power (mW)				Rev.	
	Old			New			Old		New		Old	New
	Min	TYP	MAX	Min	TYP	MAX	Min	TYP	Min	TYP		
UV3TZ-390-15	3.0	3.4	3.8	3.2	3.4	3.6	5	10	10	20	B	D
UV3TZ-395-15	3.0	3.4	3.8	3.1	3.3	3.5	5	10	10	20		
UV3TZ-400-15	3.0	3.4	3.8	3.1	3.3	3.5	5	10	10	20		
UV3TZ-405-15	3.0	3.4	3.8	3.1	3.3	3.5	5	10	10	20		
UV3TZ-390-30	3.0	3.4	3.8	3.2	3.4	3.6	5	10	20	40		
UV3TZ-395-30	3.0	3.4	3.8	3.1	3.3	3.5	5	10	20	40		
UV3TZ-400-30	3.0	3.4	3.8	3.1	3.3	3.5	5	10	20	40		
UV3TZ-405-30	3.0	3.4	3.8	3.1	3.3	3.5	5	10	20	40		
UV5TZ-390-15	3.0	3.4	3.8	3.2	3.4	3.6	10	20	20	40	B	D
UV5TZ-395-15	3.0	3.4	3.8	3.1	3.3	3.5	10	20	20	40		
UV5TZ-400-15	3.0	3.4	3.8	3.1	3.3	3.5	10	20	20	40		
UV5TZ-405-15	3.0	3.4	3.8	3.1	3.3	3.5	10	20	20	40		
UV5TZ-390-30	3.0	3.4	3.8	3.2	3.4	3.6	10	20	20	40		
UV5TZ-395-30	3.0	3.4	3.8	3.1	3.3	3.5	10	20	20	40		
UV5TZ-400-30	3.0	3.4	3.8	3.1	3.3	3.5	10	20	20	40		
UV5TZ-405-30	3.0	3.4	3.8	3.1	3.3	3.5	10	20	20	40		

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.