

## Product Change Notification

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**Notification Date:** 6/16/14

**Product Change  
Notification Number:** 1033

**Affected Part Numbers:** OVSARGB4R8

**Change Identification:** Date codes 1420 and later.

**Description of Change:** Correction of typographical error stated Blue dominate wavelength, 475 nm max.  
Expansion of Luminous Intensity bin ranges by 2 for each color.  
Expansion of Blue dominate wavelength bins by 2 and 3 bins for Green.  
Packaging quantity per reel increasing to 2,000 pcs maximum.

## Product Change Notification

### Change Identification: Current:

Luminous Intensity ( $I_v$ ) @ 20mA

RED		
Code	Min (mcd)	Max (mcd)
J	450	560
K	560	710
M	710	900

GREEN		
Code	Min (mcd)	Max (mcd)
M	710	900
N	900	1120
P	1120	1400

BLUE		
Code	Min (mcd)	Max (mcd)
F	224	280
G	280	355
H	355	450

Dominant Wavelength (nm)

RED		
Code	Min (nm)	Max (nm)
RB	619	624

GREEN		
Code	Min (nm)	Max (nm)
G7	520	525
G8	525	530
G9	530	535
Ga	535	540

BLUE		
Code	Min (nm)	Max (nm)
B3	460	465
B4	465	470
B5	470	475

### New:

Luminous Intensity ( $I_v$ ) @ 20mA

RED		
Code	Min (mcd)	Max (mcd)
hj	403	505
J	450	560
km	505	635
K	560	710
np	635	805
M	710	900

GREEN		
Code	Min (mcd)	Max (mcd)
M	710	900
qr	805	1010
N	900	1120
st	1010	1260
P	1120	1400

BLUE		
Code	Min (mcd)	Max (mcd)
F	224	280
de	252	318
G	280	355
fg	318	403
H	355	450

Dominant Wavelength (nm)

RED		
Code	Min (nm)	Max (nm)
RB	619	624

GREEN		
Code	Min (nm)	Max (nm)
G7	520	525
G23	522.5	527.5
G8	525	530
G45	527.5	532.5
G9	530	535
G67	532.5	537.5
Ga	535	540

BLUE		
Code	Min (nm)	Max (nm)
B3	460	465
B23	462.5	467.5
B4	465	470
B45	467.5	472.5
B5	470	475

### Reason for Change:

Factory production supporting more sub-bins and larger packaging quantities.

### Expected Impact:

These changes will not impact the product fit, quality, or reliability. The addition of the luminous intensity bins is to accommodate the product efficacy improvement.

### Implementation of

**Change:** May 12, 2014

### Cessation of Present

**Process:** Not applicable.

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**Assessment:** These changes do not require any qualification testing or reliability testing.

**Assessment:**

**Product Change Notification Authorization:**



**Mike King**  
Global Director of Engineering  
Optoelectronics Business Unit

## Product Change Notification

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**Notification Date:**

**Product Change Notification  
Number:**

**Customer Product Change Notification Acknowledgement:**

Recipient Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Company: \_\_\_\_\_

Position: \_\_\_\_\_

Date: \_\_\_\_\_

**Customer Product Change Acceptance:**

Acceptance Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Company: \_\_\_\_\_

Position: \_\_\_\_\_

Date: \_\_\_\_\_

**Please return this product change notification with signature to:**

Jeff Beatty  
1645 Wallace Drive  
Carrollton, TX 75006  
Phone: +1.972.323.2464  
Fax: +1.972.389.2355  
Email: [jeff.beatty@ttelectronics.com](mailto:jeff.beatty@ttelectronics.com)

For any requests or exceptions, please contact your local TT Electronics sales representative