



## Customer Product/Process Change Notification

PCN # 119614  
Issued Date: 26-Jun-24  
Issued By: Jason Yost  
Author: Jason Yost

Change affects whole product family?

NO

Part #'s affected (See attached if entire product family is affected)

606-1415-110F  
606-1415-120F  
606-1415-130F  
606-2415-110F  
606-2415-120F  
606-2415-130F

### Description of Change:

The following changes were made in 2020:

606-1415-110F- Operating voltage change from 2VDC to 3VDC, Lens change from diffused to clear  
606-1415-120F- Lens change from diffused to clear  
606-1415-130F- Lens change from diffused to clear  
606-2415-110F- Operating voltage change from 2VDC to 3VDC, Lens change from diffused to clear  
606-2415-120F- Lens change from diffused to clear  
606-2415-130F- Lens change from diffused to clear

### Reason for Change:

Update in LED technology and materials disposition.

### Properties of Old vs. Changed Product:

Described above in description of change. All Product had Form (lens) and some had function changes occur in 2020. To help indistinguish the original part that was 2 volts you will find a gold label on unit indicating the part number / the new part will have the part number printed directly on the housing.

### Disposition of Old Product:

Since change was made in 2020, no more stock should be left of the old part. If there is, old product will have a diffused lens and should be removed from inventory. If previous part is desired, new part numbers have been created with different End suffix in nomenclature to avoid mixing inventories.

Expected Implementation Date: N/A

Customer Feedback Expected by: N/A

### Additional Comments: (Include Potential Risks if Appropriate)

We have brought back the old version of these parts due to complaints about specification changes without communication by previous PM. To avoid mixed inventories, we have created new model numbers.



<b>AffectedPartNumbers</b>
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PCN# 119614

<b>Part Numbers Affected by the change.</b>	
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<u>Part Number</u>	<u>Description</u>
606-1415-110F	
606-1415-120F	
606-1415-130F	
606-2415-110F	
606-2415-120F	
606-2415-130F	
	These part numbers have the specification change described on the coversheet implemented

<b>If Applicable</b>
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<u>New Part Number</u>	<u>Description</u>
606-1415-210F	
606-1415-220F	
606-1415-230F	
606-2415-210F	
606-2415-220F	
606-2415-230F	

**These part numbers correlate to the old specification of the part numbers that were changed in 2020 to avoid mixed inventory.**

**PCN Product Comparison Form**

PCN # 119614

Part Number Previous Bi-color LED New Bi-color LED

Parameter      Test Conditions      Min   Typ   Max      Min   Typ   Max      Units

**Absolute Ratings**

Parameter	Test Conditions	Min	Typ	Max	Min	Typ	Max	Units
Storage Temperature				100°C			85°C	°C
Operating Temperature				85°C			85°C	°C
Operating Current				30			20	mA
Peak Operating Current				100			100	mA
Peak Reverse Voltage				5			5	mA

**Optical Performance**

Parameter	Test Conditions	Min	Typ	Max	Min	Typ	Max	Units
Luminous Intensity	xx mA	30		90	400		600	mcd
		210		460	900		1400	
Peak Wavelength		620		630	620		625	nm
		565		575	515		525	
Viewing Angle			110			120		degrees
			110			420		

**Electrical Characteristics**

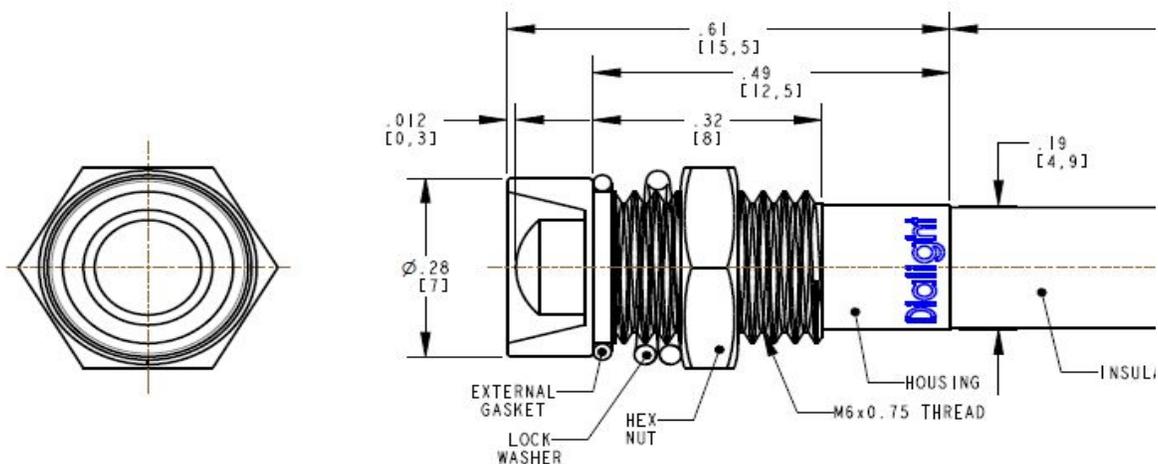
Parameter	Test Conditions	Min	Typ	Max	Min	Typ	Max	Units
Forward Voltage	xx mA	1.8		2.4	1.8		2.2	Volts
		1.8		2.4	2.8		3.2	
Reverse Leakage Current	xx volts			10			5	µA
				10			5	

## Mechanical Changes

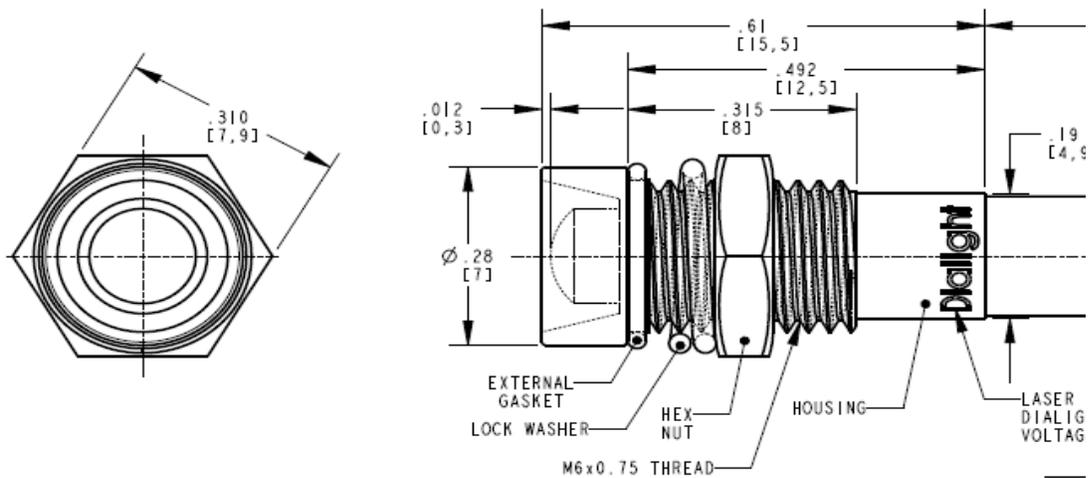
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Insert drawings of both the current and the new product.- on this sheet

### NEW (CLEAR LENS)



### OLD (DIFFUSED LE



**Key Dates**

Effective Date:	1/1/2020
Last Time Buy Date:	n/a
Sample Availability Date:	n/a
Literature Updated:	n/a

Comments

This PCN is to clarify a specification change that was not communicated in 2020 but should have been communicated.