



**Product Change Notification**

PCN # 78223

Issued Date: 12/16/2020

Issued By: Nick Oesterheld

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Change affects whole product family  No

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

SEE AFFECTED PART NUMBERS In separate sheet

**Description of Change:**

Revise the LEDs that are EOL in these Prism end products to brighter LEDs for Code 20 RED, Code 23 GREEN, Code 24 YELLOW, Code 25 ORANGE, Code 21 RED 640nm

**Reason for Change:**

Discontinued LED die /dice and replaced with a a brighter more efficient die.

**Properties of Old vs. Changed Product:**

See attached Comparison specifications.

**Disposition of Old Product:**

Deplete existing Stock on hand.

Implementation Date: FEB 10,2021

Customer Feedback Not Applicable

Last Time Buy :  
March 12, 2021 only for Orange  
Green and Red 640nm / all others  
are immediate EOL

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

NF ending part numbers. The RED 645nm was replaced by a 640nm RED and MSL is 3 for this

**Supporting Qualification Data:**

Available upon request.

**Approved By:**

(Minimum of three approvals are required.)

Vice President of Operations: \_\_\_\_\_

Vice President of Sales OED/Signals: \_\_\_\_\_

Director of Customer Service: \_\_\_\_\_

Vice President of Marketing: \_\_\_\_\_

Director of Quality: \_\_\_\_\_

NOTE: Expected Implementation date and Last Time Buy Date are estimated based on existing materials and consumption rates. Subject to change.

**AFFECTED PART NUMBERS EOL and REPLACEMENT PART NUMBERS WITH NF ENDING WITH BRIGHTER LEDS**

CODE	OLD PART NUMBER (EOL)	TYP INT @ 10 mA			REPLACEMENT PART NUMBER	TYP INT @ 10 mA		
		POS 01	POS 02	POS 03		POS 01	POS 02	POS 03
591 PRISM SINGLE RED Code 20	5912001002F	5			5912001002NF	14		
	5912001007F	5			5912001007NF	14		
	5912001013F	5			5912001013NF	14		
	5912001102F	4			5912001102NF	13		
	5912001107F	4			5912001107NF	13		
	5912001113F	4			5912001113NF	13		
PRISM SINGLE GREEN Code 23	5912301002F	5			5912301002NF	15		
	5912301007F	5			5912301007NF	15		
	5912301013F	5			5912301013NF	15		
	5912301102F	11			5912301102NF	19		
	5912301102SF	11			5912301102SNF	19		
	5912301107F	11			5912301107NF	19		
	5912301107SF	11			5912301107SNF	19		
	5912301113F	11			5912301113NF	19		
	5912301113SF	11			5912301113SNF	19		
591 PRISM YELLOW Code 24	5912401002F	6			5912401002NF	71		
	5912401007F	6			5912401007NF	71		
	5912401013F	6			5912401013NF	71		
	5912401013SF	6			5912401013SNF	71		
	5912401102F	6			5912401102NF	57		
	5912401107F	6			5912401107NF	57		
	5912401113F	6			5912401113NF	57		
591 PRISM ORANGE Code 25	5912501002F	9			5912501002NF	83		
	5912501013F	9			5912501013NF	83		
	5912501102F	8			5912501102NF	61		
	5912501113F	8			5912501113NF	61		
591 PRISM RED 640nm Code 21	5912101002F	18			5912101002NF	34		
	5912101007F	18			5912101007NF	34		
	5912101013F	18			5912101013NF	34		
	5912101013SF	18			5912101013SNF	34		
	5912101102F	17			5912101102NF	33		
	5912101107F	17			5912101107NF	33		
	5912101113F	17			5912101113NF	33		
592 PRISM BI- LEVEL RED Code 20, GREEN Code 23, YELLOW Code 24,	5922020302F	5	5		5922020302NF	12		12
	5922020313F	5	5		5922020313NF	12		12
	5922023302F	4	4		5922023302NF	12		17
	5922023313F	4	4		5922023313NF	12		17
	5922320302F	4	3		5922320302NF	19		12
	5922320313F	4	3		5922320313NF	19		12
	5922420302F	2	3		5922420302NF	50		12
	5922420313F	2	3		5922420313NF	50		12
	5923520302F	R31,G84,B16 (20mA)	3		5923520302NF	R31,G84,B16 (20mA)		10
	5923520313F	R31,G84,B16 (20mA)	3		5923520313NF	R31,G84,B16 (20mA)		10
	5922323302F	4	4		5922323302NF	18		18
	5922323313F	4	4		5922323313NF	18		18
	5922323402SF	4	4		5922323402SNF	18		18
5922323413SF	4	4		5922323413NF	18		18	
5922323819SF	4	4		5922323819SNF	18		18	
5922323824SF	4	4		5922323824SNF	18		18	
5922324302F	4	2		5922324302NF	18		61	
5922324313F	4	2		5922324313NF	18		61	
5922324821SF	4	2		5922324821SNF	18		61	
5922324825SF	4	2		5922324825SNF	18		61	
5922326302F	4	6		5922326302NF	18		6	

592	5922326313F	4	6	5922326313NF	18	6	
PRISM BI-LEVEL GREEN Code 23	5922423302F	2	4	5922423302NF	57	18	
	5922423313F	2	4	5922423313NF	57	18	
	5923123302F	Y14, G5	4	5923123302NF	Y14, G5	18	
	5923123313F	Y14, G5	4	5923123313NF	Y14, G5	18	
	5922124302F	9	4	5922124302NF	29	50	
	5922124313F	9	4	5922124313NF	29	50	
	5922422302F	2	6	5922422302NF	50	6	
	5922422313F	2	6	5922422313NF	50	6	
	5922424302F	2	2	5922424302NF	50	50	
592	5922424313F	2	2	5922424313NF	50	50	
PRISM BI-LEVEL YELLOW Code 24	5922429302F	2	56	5922429302NF	50	56	
	5922429313F	2	56	5922429313NF	50	56	
	5923024302F	11	4	5923024302NF	11	50	
	5923024313F	11	4	5923024313NF	11	50	
592 PRISM BI-LEVEL ORANGE Code 25	5922525302F	2	2	5922525302NF	81	81	
	5922525313F	2	2	5922525313NF	81	81	
	5922121302F	9	9	5922121302NF	29	29	
	5922121313F	9	9	5922121313NF	29	29	
	5912122302F	9	6	5912122302NF	29	6	
	5922122313F	9	6	5922122313NF	29	6	
	5922126302F	9	6	5922126302NF	29	6	
	5922126313F	9	6	5922126313NF	29	6	
592	5922135302F	9	R31,G84,B16 (20mA)	5922135302NF	29	R31,G84,B16 (20mA)	
PRISM BI-LEVEL RED 640 nm Code 21	5922135313F	9	R31,G84,B16 (20mA)	5922135313NF	29	R31,G84,B16 (20mA)	
	5922221302F	6	9	5922221302NF	6	29	
	5922221313F	6	9	5922221313NF	6	29	
	5932020302F	3	3	5932020302NF	16	16	16
	5932020313F	3	3	5932020313NF	16	16	17
	59320204302F	3	3	59320204302NF	16	16	79
	59320204313F	3	3	59320204313NF	16	16	79
	593202324302F	3	5	593202324302NF	16	66	79
	593202324313F	3	5	593202324313NF	16	66	79
	593202326302F	3	5	593202326302NF	16	66	5
	593202326313F	3	5	593202326313NF	16	66	5
	593203120302F	3	Y16, 6G	593203120302NF	16	Y16, 6G	17
	593203120313F	3	Y16, 6G	593203120313NF	16	Y16, 6G	17
	593223020302F	5	R11, G5	593223020302NF	5	R11, G5	17
	593223020313F	5	R11, G5	593223020313NF	5	R11, G5	17
	593232420302F	5	4	593232420302NF	66	61	17
	593232420313F	5	4	593232420313NF	66	61	17
593	593242320302F	4	5	593242320302NF	66	61	17
PRISM TRI-LEVEL RED code 20	593242320313F	4	5	593242320313NF	66	61	17
	593272020302F	60 (20mA)	3	593272020302NF	60 (20mA)	16	17
	593272020313F	60 (20mA)	3	593272020313NF	60 (20mA)	16	17
	593312020302F	Y16, 6G	3	593312020302NF	Y16, 6G	16	17
	593312020313F	Y16, 6G	3	593312020313NF	Y16, 6G	16	17
	593232323302F	5	5	593232323302NF	66	66	66
	593232323313F	5	5	593232323313NF	66	66	66
	593232627302F	5	5	593232627302NF	66	5	18
	593232627313F	5	5	593232627313NF	66	5	18
GREEN 23	593272323302F	18	5	593272323302NF	18	66	66
	593272323313F	18	5	593272323313NF	18	66	66
	593232424302F	5	4	593232424302NF	66	66	66
	593232424313F	5	4	593232424313NF	66	66	66
YELLOW 24	593242424302F	4	4	593242424302NF	66	66	66
	593242424313F	4	4	593242424313NF	66	66	66
	593212121302F	9	9	593212121302NF	41	41	41
	593212121313F	9	9	593212121313NF	41	41	41

	593212130302F	9	9	R11, G5	593212130302NF	41	41	R11, G5
	593212130313F	9	9	R11, G5	593212130313NF	41	41	R11, G5
	593212222302F	9	5	5	593212222302NF	41	5	5
	593212222313F	9	5	5	593212222313NF	41	5	5
	593212226302F	9	5	5	593212226302NF	41	5	5
	593212226313F	9	5	5	593212226313NF	41	5	5
	593212729302F	9	18	106	593212729302NF	41	18	106
	593212729313F	9	18	106	593212729313NF	41	18	106
	593222221302F	5	5	9	593222221302NF	5	5	41
	593222221313F	5	5	9	593222221313NF	5	5	41
593	593222721302F	5	18	9	593222721302NF	5	18	41
PRISM BI-	593222721313F	5	18	9	593222721313NF	5	18	41
LEVEL	593272129302F	18	9	106	593272129302NF	18	41	106
RED	593272129313F	18	9	106	593272129313NF	18	41	106
645nm	593292721302F	106	18	9	593292721302NF	106	18	41
Code 21	593292721313F	106	18	9	593292721313NF	106	18	41