

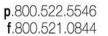
### **PRODUCT CHANGE NOTIFICATION**

	PCN Number:	433
Date of Issue:	09/05/2017	
PCN Effective Date:	09/05/2017	
Last Time Buy Date:	N/A	
Last Time Ship Date:	N/A	
Type of Change:	EOL	
Title of Change:	Obsolescence of CMD383UBC and Data	asheet Updated
Reason of Change:	The product datasheet for CMD383 Seril last page of this Product Change Notifications.	•
	Notice: There have been no changes to this is only a product datasheet update, website.	•
	LED Part Number CMD383UBC has been There is no direct replacement material.	

Sannah Vinding	Sams
Director of Product Development & Marketing: _	

VCC Contact Name: <a href="mailto:customerservice@vcclite.com">customerservice@vcclite.com</a> Phone Number: (800)5225546

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AFFECTED PART NUMBER			
Part Number	Description	Suggested Alternative Part Number(s)	
CMD383UBC	LED TH 5mm 4.9V 20mA 600mcd 12deg Blue	-	

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### CMD264 and CMD383 Old Characteristics:

## **Electro-Optical Characteristics and Ratings**

		T-1	T-1	3/4
PART NUMBER		CMD264UBD	C MD383UBC/H2	CMD383UBC
Output Color		Blue	Blue	Domovod
Diffusion		Diffused	Non-Diffused	Removed
Package Color	Old Values	Blue	Clear	Clear
Test Current (mA)	Old values	20	20	20
Forward Voltage Typ. (V)		4.9	4.9	4.9
Forward Voltage Max. (V)		5.5	5.5	5.5
Luminous Intensity Min. (mcd)		63	250	600
Luminous Intensity Typ. (mcd)		100	350	800
Luminous Intensity Max. (mcd)		-	-	-
Peak Wavelength (nm)		430	430	430
Viewing Angle 20 1/2 (degrees)		45	24	12
Power Dissipation (mW)		98	98	98
Operating Temperature (°C)		-20 to +80	-20 to +80	-20 to +80
Storage Temperature (°C)		-20 to +80	-20 to +80	-20 to +80
Peak Forward Current Max. (1μs @ 10% duty cycle	e) (mA)	100	100	100
Reverse Voltage (IR=100μA) (V)		5	5	5
Lead Solder Time @ 260°C		5	5	5

### CMD264 and CMD383 New Characteristics:

# Electro-Optical Characteristics and Ratings

	T-1	T-1 3/4
PART NUMBER	CMD264UBD	CMD383UBC/H2
Output Color	Blue	Blue
Diffusion	Diffused	Non-Diffused
Package Color	Blue	Clear
Test Current (mA)	20	20
Forward Voltage Typ. (V)	3.8	3.8
Forward Voltage Max. (V)	4.5	4.5
Luminous Intensity Min. (mcd)	60	400
Luminous Intensity Typ. (mcd)	110	630
Luminous Intensity Max. (mcd)	**	
Peak Wavelength (nm)	428	430
Viewing Angle 20 1/2 (degrees)	32	30
Power Dissipation (mW)	140	70
Operating Temperature (°C)	-40 to +85	-40 to +80
Storage Temperature (°C)	-40 to +100	-40 to +100
Peak Forward Current Max. (1 µs @ 10% duty cycle) (mA)	70	140
Reverse Voltage (IR=100µA) (V)	5	5
Lead Solder Time @ 260°C	5	5

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