

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @ 20mA *70mA		Viewing Angle
			Min.	Typ.	2θ1/2
L-76761CPWC-H	WHITE (InGaN)	WATER CLEAR	1800	4500	20°
	WHITE (InGaN)		*7500	*12000	

Notes:

1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.
2. * Luminous intensity with asterisk is measured at 70mA.
3. Drive current between 10mA and 30mA are recommended for long term performance.
4. Operation at current below 10mA is not recommended.

Electrical / Optical Characteristics at T_A=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
V _F	Forward Voltage	White	3.7	4.3	V	I _F =20mA
I _R	Reverse Current	White		10	μA	V _R = 5V
X	Chromaticity Coordinates	White	0.33			
Y			0.34			
C	Capacitance	White	110		pF	V _F =0V, f =1MHz

Absolute Maximum Ratings at T_A=25°C

Parameter	White	Units
Power dissipation	108	mW
DC Forward Current	30	mA
Peak Forward Current [1]	100	mA
Reverse Voltage	5	V
Operating/Storage Temperature	-40°C To +85°C	
Lead Solder Temperature [2]	260°C For 5 Seconds	

Notes:

1. 1/10 Duty Cycle, 0.1ms Pulse Width.
2. 2mm below package base.

White

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