

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) @ 20 mA		Viewing Angle
			Min.	Typ.	2θ1/2
L-7104MGC	MEGA GREEN (InGaAlP)	WATER CLEAR	180	700	34°

Note:

1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at T_A=25°C

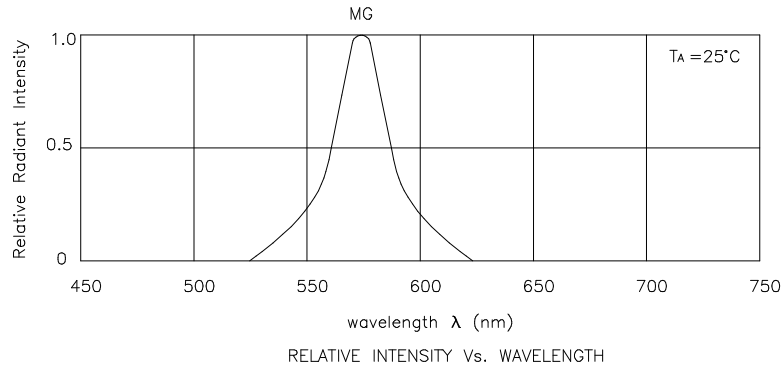
Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ _{peak}	Peak Wavelength	Mega Green	574		nm	I _F =20mA
λ _D	Dominate Wavelength	Mega Green	568		nm	I _F =20mA
Δλ 1/2	Spectral Line Half-width	Mega Green	26		nm	I _F =20mA
C	Capacitance	Mega Green	20		pF	V _F =0V;f=1MHz
V _F	Forward Voltage	Mega Green	2.1	2.5	V	I _F =20mA
I _R	Reverse Current	Mega Green		10	μA	V _R = 5V

Absolute Maximum Ratings at T_A=25°C

Parameter	Mega Green	Units
Power dissipation	105	mW
DC Forward Current	30	mA
Peak Forward Current [1]	150	mA
Reverse Voltage	5	V
Operating/Storage Temperature	-40°C To +85°C	
Lead Solder Temperature[2]	260°C For 5 Seconds	

Notes:

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



Mega Green

L-7104MGC

