

Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) V=28V		Viewing Angle
			Min.	Typ.	2θ1/2
BLB102MGC-28V-P	MEGA GREEN (InGaAlP)	WATER CLEAR	180	400	40°

Note:

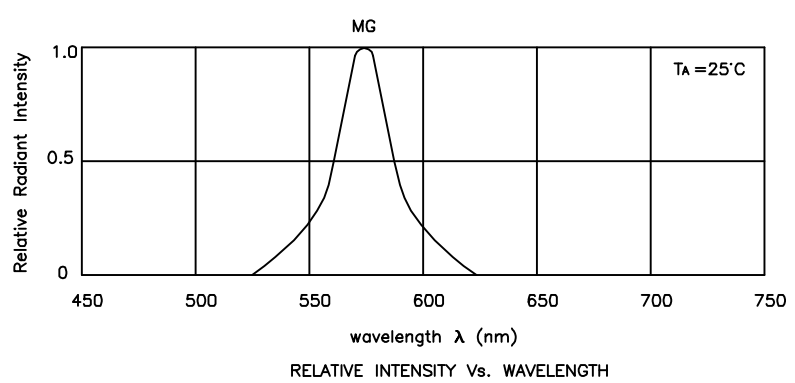
1. θ1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ_{peak}	Peak Wavelength	Mega Green	574		nm	V _F =28V
λ_D	Dominant Wavelength	Mega Green	568		nm	V _F =28V
$\Delta\lambda_{1/2}$	Spectral Line Half-width	Mega Green	26		nm	V _F =28V
I _F	Forward Current	Mega Green	10		mA	V _F =28V
I _R	Reverse Current	Mega Green		10	uA	V _R = 5V

Absolute Maximum Ratings at TA=25°C

Parameter	Mega Green	Units
Power dissipation	400	mW
Forward Voltage	30	V
Reverse Voltage	5	V
Operating Temperature	-40°C To +70°C	
Storage Temperature	-40°C To +85°C	



Mega Green

BLB102MGC-28V-P

