



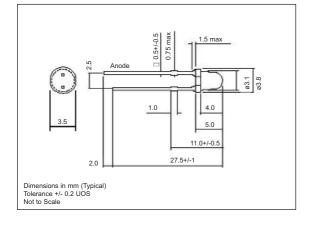


- High intensity
- Also available as a 5mm device
- Solid state reliability
- Can be supplied in bulb replacement and panel mounting formats



TYPICAL LUMINOUS TYPICAL CHROMATICITY VIEWING

100047 SERIES



Ordering Information & Typical Technical Characteristics (Ta = 25°C)

TYP FWD

* Duty Cycle <= 1/10, Pulse Width <= 10msec

COLOUR

PΔRT

NUMBER	COLOGIA	VOLTAGE Vf@lopr	VOLTAGE Vf@lopr	CURRENT	CURRENT Ir(Vr=5V)	INTENSITY Iv@lopr	COORDINATES @lopr	ANGLE 2ø½					
OPTICAL/ELECTRICAL CHARACTERISTICS (Ta = 25°C)													
100047	Green	3.5	4.0	20	50	7800	0.17 / 0.7	15					
UNITS	Water Clear	V	V	mA	uA	mcd	x / y	deg					
PART NUMBER	COLOUR	FORWARD CURRENT	PEAK FWD CURRENT	REVERSE VOLTAGE	POWER DISSIPATION	DOM WAVELENGTH	OPERATING TEMP	STORAGE TEMP					

MAX FWD FORWARD MAX REV

UNITS	Water Clear	mA	mA	Vdc	mW	nm	°C	°C			
100047	Green	30	100	5	120	525	-30 to +85	-40 to +100			
ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)											
NUMBER	COLOGIC	CURRENT lopr max	CURRENT Ifp *	VOLTAGE Vr max	DISSIPATION P dmax	WAVELENGTH Typ. λd	TEMP Topr	TEMP Tstg			

PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE LEDS Static Electricity and Surge

Static electricity and surge will damage the LED and a high standard of care must be taken during handling. It is recommended that a wristband, conductive mat or anti-electrostatic glove is used when handling the LEDs. All devices, equipment (e.g. soldering iron points) and machinery must be properly grounded.

SAFETY PRECAUTIONS FOR HANDLING HIGH BRIGHTNESS LEDs

The light output of the Products may cause injuries to human eyes in circumstances where they are viewed directly with unshielded eyes for more than a few seconds.

Please refer to European Standard BSEN 100015-1 1992 for further information.

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