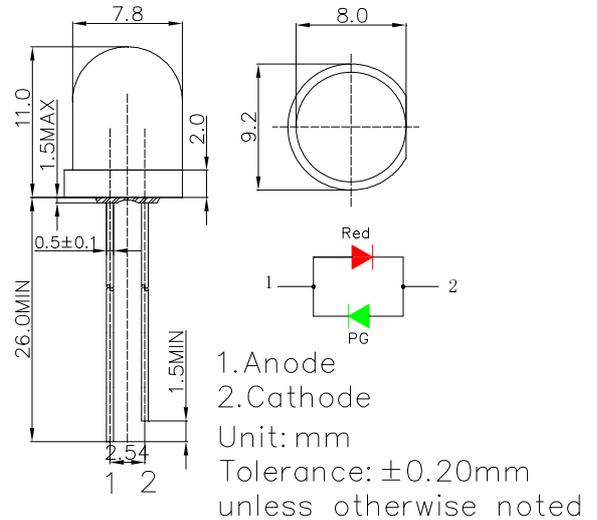**OptoSupply**

Light It Up

■Features

- High Luminous LEDs
- 8mm Round Standard Directivity
- Long Lifetime Operation
- UV Resistant Epoxy
- Water Clear Type
- Bi-polar Type

■Applications

- Electronic Signs and Signals
- Small Area Illuminations
- Back Lighting
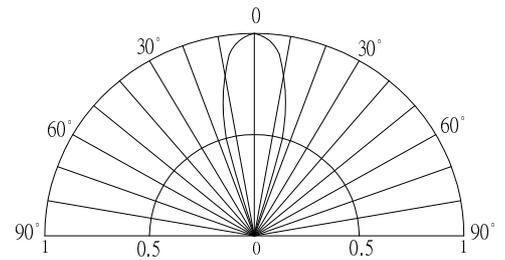- Other Lighting

■Outline Dimension

1.Anode
2.Cathode
Unit: mm
Tolerance: ±0.20mm
unless otherwise noted

■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value Red	Value PG	Unit
DC Forward Current	I_F	50	30	mA
Pulse Forward Current#	I_{FP}	100	100	mA
Reverse Voltage	V_R	5	5	V
Power Dissipation	P_D	130	102	mW
Operating Temperature	Topr	-30~ +85		℃
Storage Temperature	Tstg	-40 ~ +100		℃
Lead Soldering Temperature	Tsol	260℃/5sec		-

#Pulse width Max.10ms   Duty ratio max 1/10

■Directivity

■Electrical -Optical Characteristics (Ta=25℃)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V_F (Red)	I_F=20mA	-	2.1	2.6	V
	V_F (PG)	I_F=20mA	-	2.9	3.4	V
DC Reverse Current	I_R	V_R=5V	-	-	10	μA
Domi. Wavelength*2	λ_D (Red)	I_F=20mA	620	625	630	nm
	λ_D (PG)	I_F=20mA	520	525	530	nm
Luminous Intensity*3	Iv (Red)	I_F=20mA	4200	5800	-	mcd
	Iv (PG)	I_F=20mA	7000	8400	-	mcd
50% Power Angle	$2\theta_{1/2}$	I_F=20mA	-	30	-	deg

*1 Tolerance of measurements of forward voltage is ±0.1V
*2 Tolerance of measurements of dominant wavelength is ±1nm
*3 Tolerance of measurements of luminous intensity is ±15%

LED & Application Technologies

CNAS IAF ISO 9001: 2008

RoHS Compliant EU2002/95/EC

REACH The new EU chemicals legislation

ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Optosupply *manufacturer:*

Other Similar products are found below :

OECCDD01-300   OECCDD02-300   OECCDD02-350   OECCDD02-450   OECCDD02-600   OECCDD02-700   OEHW2030GF   OEHW2045GF   OEHW2060GF   OEHW2090GF   OKLEDT02406A   OKLEDT3050G5V   OKLEDT3050M3V   OKLEDT3050RBV   OKLEDT3050RBW   OKLEDT3050RPV   OKLEDT3050RPW   OKLEDT3100B5   OKLEDT3100G8   OKLEDT3100M3   OKLEDT3100M4   OKLEDT3100R6   OKLEDT3100W6   OKLEDT3100WA   OKLEDT3100Y5   OKLEDT31203A   OKLEDT5050G5V   OKLEDT5050G5W   OKLEDT5050RPW   OKLEDT5050TAV   OKLEDT5050TAW   OKLEDT5050W6P   OKLEDT5050WAV   OKLEDT5050WAW   OKLEDT50606A   OKLEDT50606B   OKLEDT51005A   OKLEDT5100B5   OKLEDT5100G8   OKLEDT5100M3   OKLEDT5100M4   OKLEDT5100R6   OKLEDT5100W6   OKLEDT5100WA   OKLEDT5100Y5   OKLEDT51203A   OKLEDT51206A   OKLEDT8050G5W   OKLEDT8050M3V   OKLEDT8050R5V