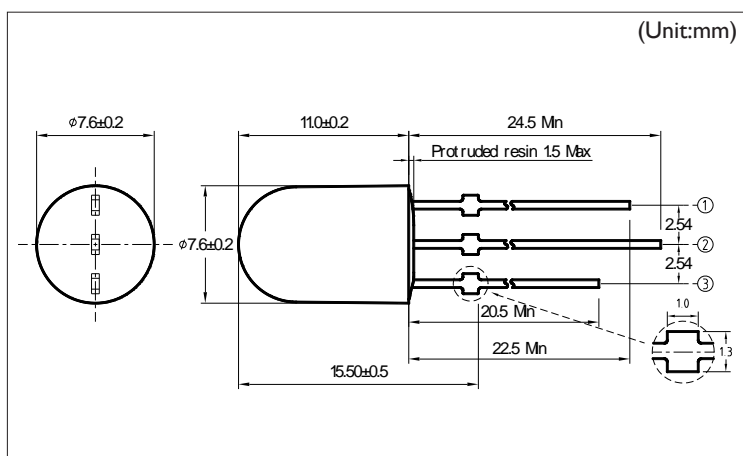


View Angle: 30~50 (2 1/2)
5 mm and 7.5mm Type
Water Clear & Diffused lens
Super Luminosity LED
Lamps For Outdoor Use



Absolute Maximum Ratings

(Ta@25°C)

Model No. *1	Radiation color	Radiation material	Power dissipation P(mW)	Forward current I _F (mA)	Peak forward current I _{FM} (mA) *2
5N5AESTRPG-AS	Pure-Green / Orange-Red	InGaN / AlInGaP,Sapphire	95 / 72	25 / 30	100 / 100
5N5ESPGBD-CA-S	Pure-Green / Blue	InGaN / InGaP	108 / 108	30 / 30	100 / 100
5N5NJOESPG-A	Pure-Green / Orange-Red	InGaN / AlInGaP	120 / 72	30 / 30	100 / 100
75N5ATRYG-CA-30BS	Yellow-Green / Orange-Red	AlInGaP/GaAs / AlInGaP,Sapphire	72 / 72	30 / 30	100 / 100
75N5ATRYG-CA-50BS	Yellow-Green / Orange-Red	AlInGaP/GaAs / AlInGaP,Sapphire	73 / 72	30 / 30	100 / 100

Electro-Optical Characteristics

(IF=20mA Ta@25°C)

Model No.	Lens color	Forward voltage	Luminous intensity	Dominant wavelength	Peak emission wavelength	Spectral half width	Reverse current		View angle
		V _F (V) TYP	I _V (mcd) TYP	λ _d (nm) TYP	λ _p (nm) TYP	Δλ(nm) TYP	I _R (μA) MAX	V _R (V)	Degree
5N5AESTRPG-AS	Water Clear	3.2 / 2.1	12000 / 5200	525 / 625	515 / 635	30 / 15	10uA	5V	30
5N5ESPGBD-CA-S	White Diffused	3.2 / 3.2	4000 / 1000	525 / 470	518 / 465	30 / 20			30
5N5NJOESPG-A	Water Clear	3.2 / 2.0	9000 / 1900	525 / 625	535 / 630	30 / 15			30
75N5ATRYG-CA-30BS	Water Clear	2.0 / 2.1	610 / 6000	570 / 623	575 / 630	13 / 15			30
75N5ATRYG-CA-50BS	Water Clear	2.0 / 2.2	310 / 3000	570 / 623	575 / 630	13 / 15			50

*1. If the product you ask for is with stopper please add "-s" in the end of the part number. For example, SDL6K3JYP-S.

*2. Duty ratio=1/10,Pulse width=0.1ms

*3. 5 Seconds or less (At the position of 3mm or more from the bottom face of resin package)

*4. Please contact with Sander's representative for detailed BIN ranking information.