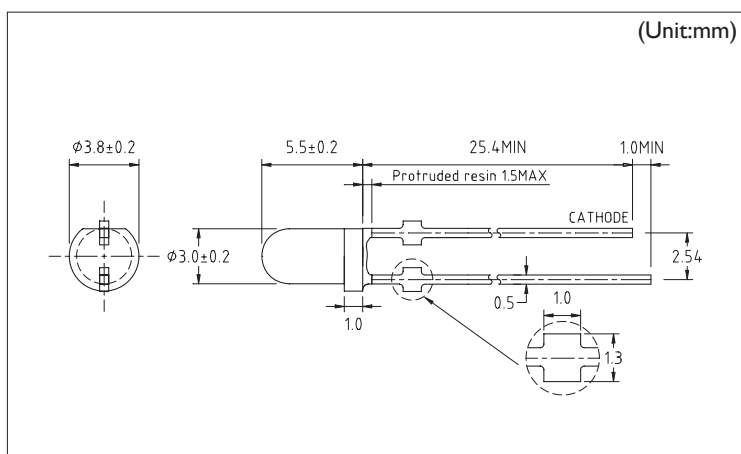


**View Angle: 30 (2 1/2)**  
**3 mm Cylinder Type**  
**Water Clear Package**  
**Super Luminosity LED**  
**Lamps For Outdoor Use**



### ■ Absolute Maximum Ratings

(Ta@25°C)

Model No. <sup>*1</sup>	Radiation color	Radiation material	Power dissipation P(mW)	Forward current I <sub>F</sub> (mA)	Peak forward current I <sub>FM</sub> (mA) <sup>*2</sup>
3N4EATR-30	Orange-Red	AlInGaP	120	50	100
3N4EATY-30	Yellow	AlInGaP	120	50	100
3N4EPB	Blue	InGaN	114	30	100
3N4EPG	Pure-Green	InGaN	120	30	100
3N4EPW	White	InGaN	105	30	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 <sub>F</sub> (V) TYP	I <sub>V</sub> (mcd) TYP	λd(nm) TYP	λ <sub>p</sub> (nm) TYP	Δλ(nm) TYP	I <sub>R</sub> (μA) MAX	V <sub>R</sub> (V)	Degree
3N4EATR-30	Water Clear	2.2	7850	625	635	15	10μA	5V	30
3N4EATY-30	Water Clear	2.2	6600	590	593	15			30
3N4EPB	Water Clear	3.2	4000	470	465	20			25
3N4EPG	Water Clear	3.6	3700	523	535	-			20
3N4EPW	Water Clear	3.1	8000	X=0.31 Y=0.32	-	-			30

※ 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.