



View Angle: 50 (2 1/2)
5 mm Cylinder Type
Water Clear Package
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
5F3EATR	Orange-Red	AlInGaP / Sapphire	120	50	100
5F3EATR-50S	Orange-Red	AlInGaP / Sapphire	120	50	100
5F3EATY	Yellow	AlInGaP/Sapphire	120	50	100
5F3ESPG-50S	Pure-Green	InGaP	114	30	100
5F3LPE-50S	Bluish-Green	InGaP	114	30	100
5F3NJO-S	Orange-Red	AlInGaP / Si	120	50	100
5F3NJY-S	Yellow	AlInGaP / Si	120	50	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
5F3EATR	Water Clear	2.2	5000	625	635	15	10uA	5V	45
5F3EATR-50S	Water Clear	2.2	6000	625	635	15			50
5F3EATY	Water Clear	2.1	3200	590	593	15			50
5F3ESPG-50S	Water Clear	3.2	4200	525	518	30			50
5F3LPE-50S	Water Clear	3.2	5500	505	503	30			50
5F3NJO-S	Water Clear	2.1	1500	625	635	15			45
5F3NJY-S	Water Clear	2	1500	590	593	15			45

※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.