



5.0mm Round Type LED Lamps

■ Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Rating	Unit
Forward Current	IF	25	mA
Operating Temperature	Topr	-40 to +85	°C
Storage Temperature	Tstg	-40 to +100	°C
Soldering Temperature	Tsol	260 ± 5	°C
Electrostatic Discharge	ESD	2000	V
Power Dissipation	Pd	60	mW
Peak Forward Current(Duty 1/10 @ 1KHz)	IF(Peak)	160	mA
Reverse Voltage	VR	5	V

■ Electronic Optical Characteristics :

Parameter	Symbol	Min.	Typ.	Max.	Unit	Condition
Luminous Intensity	Iv	400.00	800.00	/	mcd	IF= 20 mA
Viewing Angle	2θ 1/2	/	10	/	deg	IF= 20 mA
Peak Wavelength	λ p	/	650	/	nm	IF= 20 mA
Dominant Wavelength	λ d	/	639	/	nm	IF= 20 mA
Spectrum Radiation Bandwidth	Δ λ	/	20	/	nm	IF= 20 mA
Forward Voltage	VF	1.70	2.00	2.40	V	IF= 20 mA
Reverse Current	IR	/	/	10	μ A	VR= 5 V



EVERLIGHT ELECTRONICS CO.,LTD.

Device Number : CDLE-033-643 REV.: 2

5.0mm Round Type LED Lamps

PART NO. : 333-2SDRC/S530-A3

ECN : _____ Page: 3/4

■ Typical Electro-Optical Characteristic Curves:

< SDR >



