

5.0mm Round Type LED Lamps

MODEL NO: **IE-5R4SD**

★Features:

- Low power consumption;
- High efficiency and high performance;
- Choice of various viewing angles;
- Reliable and robust.

★Lens Color:

- Color Diffused Color Transparent
 Water Clear White Diffused

★Descriptions:

- The series is specially designed for applications requiring higher brightness.
- The led lamps are available with different Colors, intensities, epoxy colors, etc.

★Applications:

- Indicators ● Home electric appliance
- Automotive ● Sign & Signal.

★Absolute Maximum Ratings (Ta=25°C):

Parameter	Symbol	Rating	Unit	Remark
Forward Current	I _F	30	mA	—
Peak Forward Current	I _{FP}	100	mA	1/10 Duty Cycle
Reverse Voltage	V _R	5	V	—
Operating Temperature	T _{OPR}	-25 ~ +85	°C	—
Storage Temperature	T _{Stg}	-40 ~ +100	°C	—
Soldering Temperature	T _{Sol}	260	°C	≤3 seconds
Power Dissipation	P _d	60	mW	—

★Electronic Optical Characteristics (Ta=25°C):

Part Number	Emitting Color	V _F (V)			I _{V(mcd)}		I _λ (μA) VR=5V	λ _m (nm)	Δλ(nm)	Viewing Angle 2θ _{1/2} (°)
		I _F =20mA			I _F =20mA					
		Min	Typ	Max	Typ	Max				
IE-5R4SD	RED	1.65	2.0	2.4	300	—	<10	620-630	25	40°

★Elucidation:  =Pb free Soldering Application, Pb<1000ppm (RoHS-Compliant)

★Package Dimension:

