



漳州市晶艺佳电子制造有限公司

Zhangzhou Jingyijia Electronic Manufacture Co.,Ltd.

8MM NARROW ANGLE TYPE

LED LAMP

ABSOLUTE MAXIMUM RATINGS:(Ta=25)

Parameter	Package Dimensions
Reverse Voltage.....5 Volt	
Reverse Current (Vr =5V).....10uA	
Operating Temperature Range.....-40 To +85	
Storage Temperature Range..... -40 To +100	
Lead Soldering Temperature.....260 For 5 Seconds (1.6mm (1/16)From Body)	
NOTES : 1. All dimensions are in millimeters. 2. Lead spacing is measured where the leads emerge from the package. 3. Protuded resin under flange is 1.5 mm (0.059") Max. 4. Specifications are subject to change without notice.	Unit:mm

PART NO.SELECTION AND APPLICATION INFORMATION(RATINGS AT 25 AMBIENT)

Part No.	Chip Material	Lens Type	Emitting Color	Vf (V)		Peak Wavelength (nm)		Iv (mcd)		If (mA)	View Angle (deg)
				Typ	Max	Min	Max	Min	Max		
8R4UCJ	AlGaInp	Water Clear	Red	1.9	2.5	620	630	2200	4500	10-20	15
8O4UCJ			Orange	1.9	2.5	600	615	2200	4500		
8Y4UCJ			Yellow	1.9	2.5	585	590	2200	4500		
8G4HCJ			Yellow Green	2.2	2.5	570	575	1200	1800		
8G3UCJ	InGaN		Green	2.8	3.8	515	535	12000	25000		
8G3UCJ			Blue Green	2.8	3.8	500	510	10000	22000		
8B3UCJ			Blue	2.8	3.8	460	470	2500	5000		
8W3UCJ			White	2.8	3.8	/	/	12000	25000		
8P3UCJ			Purple	2.8	3.8	390	410	120	250		

TESTING CONDITION FOR EACH PARAMETER:

Parameter	Symbol	Unit	Test Condition
REVERSE VOLTAGE	Vr	Volt	Vr=5.0 Volt
REVERSE CURRENT	Ir	UA	If=20 mA
FORWARD VOLTAGE	Vf	Volt	If=20 mA
LUMINOUS INTENSITY	Iv	Mcd	If=20 mA
VIEWING ANGLE	2 1/2	Degree	
RECOMMENDED OPERATING CURRENT	If(Rec)	mA	