



## 8mm Hat Shape (0.5W) White Super Bright LED Lamps S834XNW4P

- 8 mm with InGaN dice ◦
- Encapsulated with Water Clear Lens package ◦
- \* Two leads ◦

### Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	150	mA
Continuous Forward Current	80	mA
Operating Temperature Range	-30°C to + 85°C	
Storage Temperature Range	-30°C + 100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm (0.063 inch) from body	

### Electro-Optical Characteristics (Ta = 25°C)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 80mA	Vf		3.0		V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous flux	If = 80mA	Iφ		22		lm
Luminous flux	If = 150mA	Iφ		35		lm
Spectral Bandwidth	If = 80mA	Δλ		35		nm
Wavelength	If = 80mA	X		0.35		CIE
		Y		0.36		CIE
Half View Angle	If = 80mA	2 θ1/2		140		deg

