

Specification for LED Product – 5AW4UC

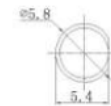
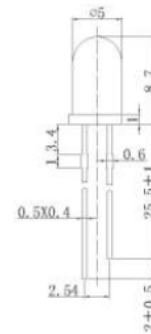
■ Categorize (Ta = 25 °C)							
ITEMS	B10	B11	B12	B13	B14		UNIT
Forward Voltage	3.0-3.2	3.0-3.2	3.2-3.4	3.2-3.4	3.0-3.2		V
Luminous Intensity	8000-10000	10000-12000	8000-10000	10000-12000	8000-10000		mcd
Chromaticity Coordinates	X	0.2662	0.2653	0.2713	0.2795	0.2803	
	Y	0.2508	0.264	0.2632	0.2792	0.285	
Colour	14000-21000	13000-22000	11000-15000	10000-12000	9000-12000		K
■ Typical Electrical & Optical Characteristics (Ta = 25 °C)							
ITEMS	SYMBOL	CONDITION	MIN.	TYP.	MAX.		UNIT
Reverse Current	IR	VR = 5V	---	---	1.1		µA
Dominant Wavelength	λ D	IF = 20mA	---	---	---		nm
50% Power Viewing Angle	2θ½	IF = 20mA	14	15	17		deg

■ Absolute Maximum Ratings at (Ta = 25 °C)			
ITEMS	SYMBOL	ABSOLUTE MAXIMUM RATING	UNIT
Forward Current	IF	50	mA
Peak Forward Current	IFP	220	mA
Continuous Forward Current	IL	20	mA
Reverse Voltage	VR	5	V
Power Dissipation	PD	170	mW
Operation Temperature	Topr	-40 ~ +80	°C
Storage Temperature	Tstg	-40 ~ +80	°C
Lead Soldering Temperature	Tsol	Max.260°C for 5 sec Max.	

IFP Conditions: Pulse Width ≤ 10msec duty ≤ 1/10

Tsol Conditions: 4mm from the base of the epoxy bulb

Package Dimensions(mm)



Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is ±0.2mm unless otherwise noted.
3. An epoxy meniscus may extend about 1.5mm down the leads.
4. Burr around bottom of epoxy may be 0.5mm max.

Synopsis:

- 5mm Round Type
- Water Clear Lens
- White LED Lamp