

LED Socket

LAMP

PRODUCT SPECIFICATIONS

STANDARD WHITE LED SOCKET LAMP

LED-4WTS-12SA-1

12v AC LED Socket Lamp 0.23w
Standard White

DESCRIPTION

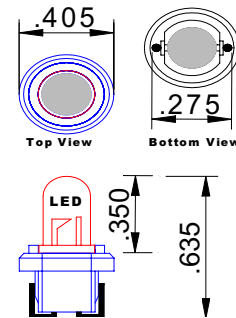
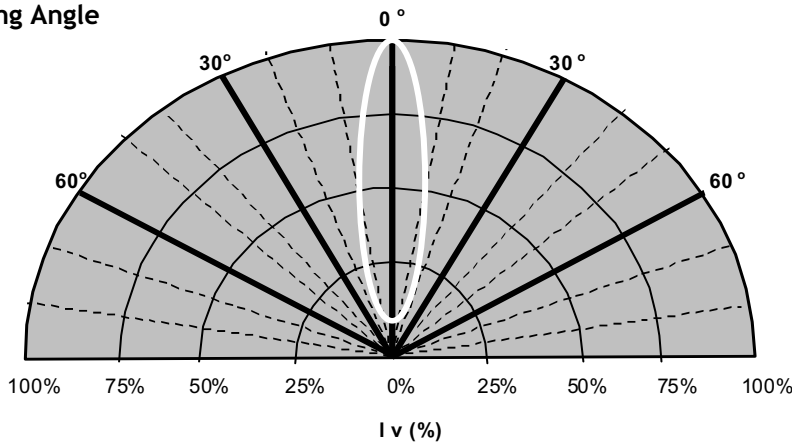
SOURCE MATERIAL ----- InGaN
EMITTING COLOR ----- WHITE
LENS TYPE ----- WATER CLEAR

ABSOLUTE MAXIMUM RATING (Ta=25°C)

CONTINUOUS FORWARD CURRENT ----- 17mA
PULSE CURRENT (1/10 Duty, 0.1 mS Pulse Width) - 80mA
REVERSE VOLTAGE ----- 12.0V
OPERATING TEMPERATURE ----- -40°C TO 85°C
STORAGE TEMPERATURE ----- -40°C TO 80°C



Viewing Angle



Characteristics (Ta=25°C)

PARAMETER	CONDITION	SYMBOL	MIN	TYP	MAX	UNIT
POWER DISSIPATION		Pd		70	120	mW
CHROMACITY COORDINATES	If=20mA	X		.26		nm
CHROMACITY COORDINATES	If=20mA	Y		.27		
FORWARD VOLTAGE	If=20mA	VF	2.8	3.7	4.4	V
REVERSE CURRENT	VR=12V	Ir			100	mA
LUMINOUS INTENSITY	If=20mA	Iv	2400	3250	4500	mcd
VIEWING ANGLE	If=20mA	2u1/2		35		deg

Note:

- The dominant wavelength, λ_D , is derived from CIE 1931 Chromaticity Diagram and represents the emitting color of the device.
- The luminous intensity of the lamp is measured on the mechanical axis of the lamp. The optical axis is closely aligned with the package mechanical axis.
- Less than 10% of the distribution have I_v around minimum value.
- More than 70% of the distribution is within the typical value (+/- 15%)
- Specifications are subject to change without notice.



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