

# LED Socket

LAMP

## PRODUCT SPECIFICATIONS

### AQUA LED SOCKET LAMP

#### LED-4QA-12SA-1

12v AC LED Socket Lamp 0.23w  
Aqua

#### DESCRIPTION

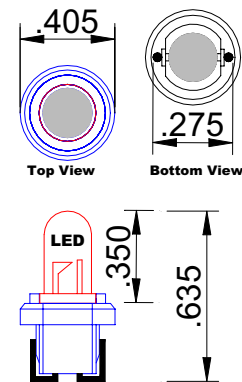
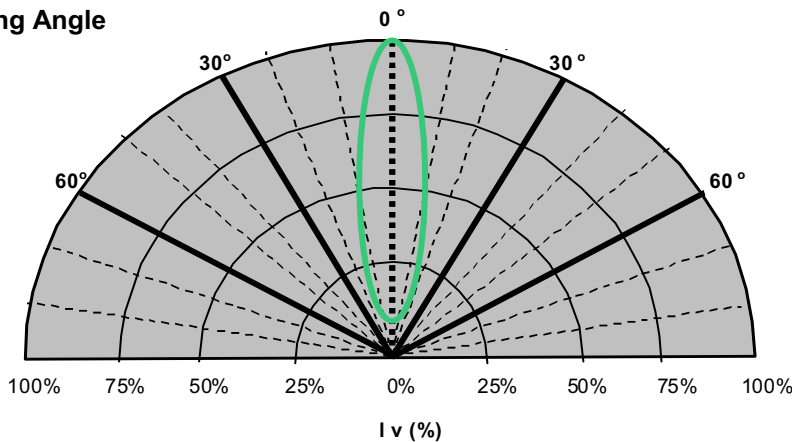
SOURCE MATERIAL ----- InGaN  
EMITTING COLOR ----- AQUA  
LENS TYPE ----- WATER CLEAR

#### ABSOLUTE MAXIMUM RATING (Ta=25°C)

PULSE CURRENT (1/10 Duty, 0.1 mS Pulse Width) - 25mA  
REVERSE VOLTAGE ----- 12.0V  
OPERATING TEMPERATURE ----- -40°C TO 85°C  
STORAGE TEMPERATURE ----- -40°C TO 100°C



#### Viewing Angle



#### Characteristics (Ta=25°C)

PARAMETER	CONDITION	SYMBOL	MIN	TYP	MAX	UNIT
POWER DISSIPATION		Pd		70		mW
PEAK EMISSION WAVELENGTH	If=20mA	λP		505		nm
FORWARD VOLTAGE	If=20mA	VF		3.7		V
REVERSE CURRENT	VR=12V	Ir			50	mA
LUMINOUS INTENSITY	If=20mA	Iv	3300	4000	4700	mcd
VIEWING ANGLE	If=20mA	2u1/2		30		deg

#### Note:

- The dominant wavelength, λD, 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 Iv 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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