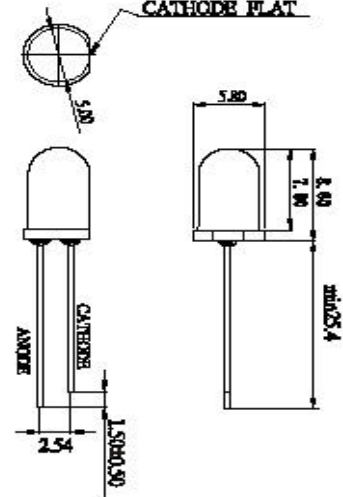


PART NUMBER 5CEWHT-35
SOURCE MATERIAL-----InGaN
EMITTING COLOR-----White
LENS TYPE-----WATER CLEAR

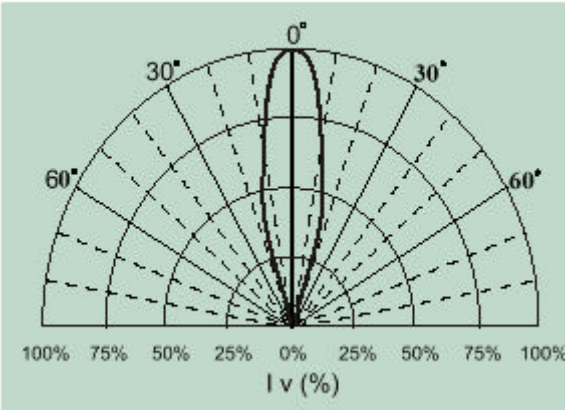
ABSOLUTE MAXIMUM RATING (Ta=25°C)
CONTINUOUS FORWARD CURRENT-----35mA
PEAK FWD CURR. (1/10 DUTY, 0.1 mS PULSE WIDTH)-----80mA
DERATING LINEAR FROM 50-----4mA
REVERSE VOLTAGE-----5.0V
OPERATING TEMPERATURE----- -40°C TO 80°C
STORAGE TEMPERATURE----- -40°C TO 80°C
LEAD SOLDERING TEMPERATURE-----260°C FOR 5 SEC.



CHARACTERISTICS (Ta=25°)

PARAMETER	CONDITION	SYMBOL	MIN	TYP	MAX	UNIT
POWER DISSIPATION		Pd		70	100	mW
CHROMATICITY COORDINATES	If=20mA	X		.26		
CHROMATICITY COORDINATES	If=20mA	Y		.27		
FORWARD VOLTAGE	If=20mA	VF	2.8	3.7	4.4	V
REVERSE CURRENT	VR=5V	Ir			100	μA
LUMINOUS INTENSITY	If=20mA	Iv	2400	3250	4500	mcd
VIEWING ANGLE	If=20mA	2θ1/2		35		deg

Beam Pattern



- 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 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