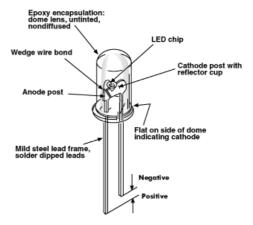
## RLU395-8-30

395 nm Ultra Violet LED

## Features

- 395 nm UV-LED
- 5 mm clear epoxy package
- UV transparent resin
- Chip material based on GaN



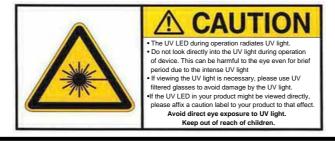
## ■ Absolute Maximum Ratings (Ta = 25°C)

Parameter	Symbol	Value	Unit
Power Dissipation	P <sub>d</sub>	120	mW
Continuous Forward Current	I <sub>F</sub>	30	mA
Reverse Voltage	V <sub>R</sub>	5	V
Operating Temperature	T <sub>opr</sub>	-20 to +80	°C
Storage Temperature	T <sub>stg</sub>	-30 to +100	°C
Soldering Temperature	T <sub>sol</sub> *2	280 (with in 3 seconds)	°C

\*2 Soldering portion of lead: 3 mm from bottom face of resin package.

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

Parameter	Symbol	Condition	Min	Тур	Max	Unit
Forward Voltage	V <sub>F</sub>	l <sub>F</sub> = 20 mA	-	3.7	4.0	V
Reverse Current	I <sub>F</sub>	V <sub>F</sub> = 5 V			10	μA
Radiant Flux	Po	I <sub>F</sub> = 20 mA		8	10	mW
Viewing Angle	2θ <sub>1/2</sub>	I <sub>F</sub> = 20 mA		30		deg
Peak Wavelength	λ <sub>p</sub>	I <sub>F</sub> = 20 mA	390	395	400	nm
Spectrum Radiation Bandwidth	Δλ	I <sub>F</sub> = 20 mA		12		nm



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