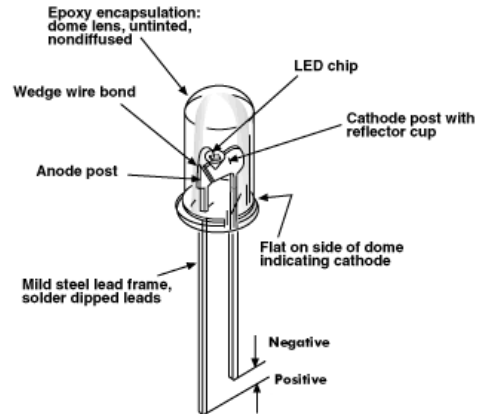


RLU395-8-30

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_d	120	mW
Continuous Forward Current	I_F	30	mA
Reverse Voltage	V_R	5	V
Operating Temperature	T_{opr}	-20 to +80	°C
Storage Temperature	T_{stg}	-30 to +100	°C
Soldering Temperature	T_{sol}^{*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	Typ	Max	Unit
Forward Voltage	V_F	$I_F = 20 \text{ mA}$	-	3.7	4.0	V
Reverse Current	I_R	$V_F = 5 \text{ V}$			10	μA
Radiant Flux	P_O	$I_F = 20 \text{ mA}$		8	10	mW
Viewing Angle	$2\theta_{1/2}$	$I_F = 20 \text{ mA}$		30		deg
Peak Wavelength	λ_p	$I_F = 20 \text{ mA}$	390	395	400	nm
Spectrum Radiation Bandwidth	$\Delta\lambda$	$I_F = 20 \text{ mA}$		12		nm

