

MODEL NO:XL534UBGC
5MM STRAW PURE GREEN LED

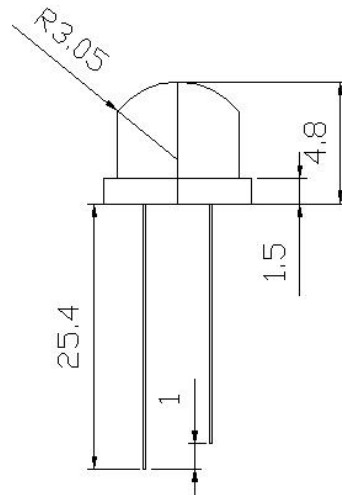
Specification for Approval

● Feature

- Water clear type
- 5mm straw directivity
- superior weather-resistance

● Applications

- Up to electronic switch
- Digital read out lamps
- Audio equipment
- Toys
- Backlight



■ Notes

1. All dimensions are in millimeter.
2. Protruded resin under flange 1.5mm Max
3. Lead spacing is measured where the lead emerge from the package.
4. lens color : Water clear.
5. Above specification may be changed without notice . Our company will reserve authority on material change for above specification.
6. These specification sheets include materials protected under copyright of SEALAND corporation.

Specification for Approval

PART NO	CHIP	LENS COLOR
	MATERIAL	
GREEN	InGaN	Water clear

Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC forward current	I _F	25	mA
Pulse forward current	I _{FP}	120	mA
Power dissipation	P _D	150	mW
Operating temperature	T _{opr}	-20~+75	°C
Storage temperature	T _{stg}	-30~+80	°C
Reverse voltage	V _R	5	V
Sold soldering temperature	T _{sol}	260°C/3Sec	---

Plus with Max 10ms,duty ratio max1/10

■ Initial Electrical/Optical Characteristics (Ta=25°C)

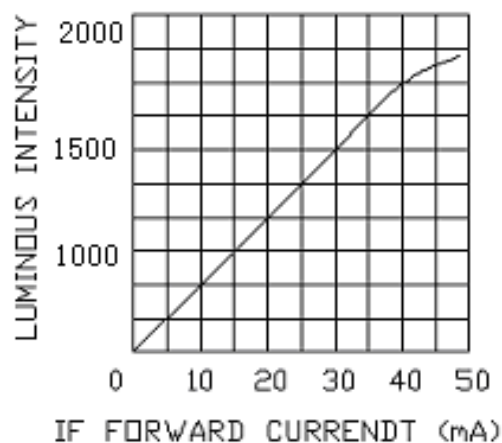
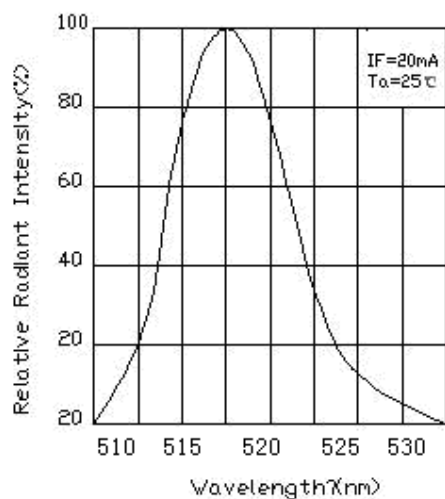
Item	Symbol	condition	Min	Type	Max	Unit
DC forward Voltage	V _F	I=20mA	----	2.8	3.4	V
DC reverse Current	I _R	V=5V	----	----	5	μA
wavelength	Wd	I=20mA	----	21	21	Nm
Spectrum Radiation Bandwidth	Δλ	I=20mA	----	28	----	Nm
Luminous Intensity	I _v	I=20mA	----	515	520	mcd
50%Power Angle	2θ1/2	I=20mA	----	120	----	deg

NOTES:

1. Absolute maximum ratings Ta=25°C
2. Tolerance of measurement of forward voltage ±0.1V
3. Tolerance of measurement of peak Wavelength ±2.0nm
4. Tolerance of measurement of luminous intensity ±15

- Typical Electro-Optical Characteristics Curves

1. Luminous Vs spectrum
- 2 Relative Luminous Intensity Vs. Forward Current



3. Relative Intensity Vs. Ambient Temperature
4. Forward Current Derating curve

