

385D30

5.0MM ROUND LAMP PURPLE

Absolute Maximum Ratings at TA=25 °C

REVERSE VOLTAGE (<math><50 \mu A</math>)	5.0V
D.C.FORWARD CURRENT	30mA
PULSE CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	100 mA
OPERATING TEMPERATURE RANGE	-25 °C TO +85 °C
STORAGE TEMPERATURE RANGE	-25 °C TO +100 °C
LEAD SOLDERING TEMP. (1.6mm FROM BODY)	260 °C FOR 5 SEC

Features

InGaN TECHNOLOGY
HIGH POWER OUTPUT
NARROW VIEW ANGLE FOR
MAXIMUM LIGHT OUTPUT

PRELIMINARY

Precautions :

These products are sensitive to static electricity; high standard of care must be fully taken when handling them. Particularly if an over-voltage that exceeds the Absolute maximum Rating of these products were applied, the overflow energy will cause damage to and possibly result in destruction of these products. Buyer shall take absolute secure countermeasures against static electricity and surge when handling these products.

Electrical/Optical Characteristics at TA=25 °C

PART NUMBER	LED CHIP		WAVELENGTH Hue @20 mA (nm)	FORWARD VOLTAGE @20mA(V)		Reverse Current IR VR=5[V]	LUMINOUS INTENSITY @20mA(mod)		VIEW ANGLE 2 θ 1/2 (deg)
	MATERIAL	EMITTING COLOR		TYP.	MAX.		MIN.	TYP.	
L5TG380UV30	InGaN	PURPLE	380-386	3.5	3.9	10 μ A	30	50	30

Tolerance of the Luminous Intensity : $\pm 10\%$

