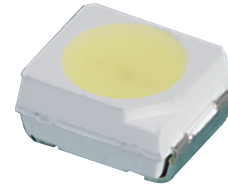


Features:

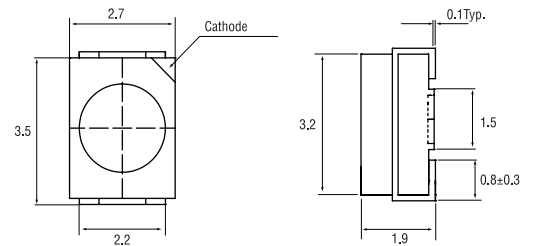
- 3.5x2.7x1.9mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type
- RoHS Compliant



Applications

- General Purpose Indicators
- Small Area Illuminations
- Back Lighting

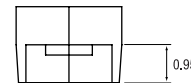
Outline dimensions:



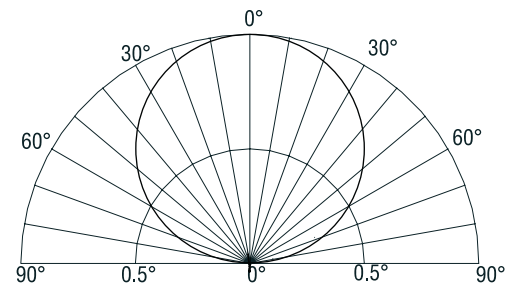
Absolute maximum rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward current	I_F	30	mA
Pulse forward current*	I_{FP}	100	mA
Reverse voltage	V_R	5	V
Power dissipation	P_D	120	mW
Operating temperature	T_{opr}	-30 to +80	°C
Storage temperature	T_{stg}	-30 to +100	°C
Lead soldering temperature	T_{sol}	260°C/3 sec	-

* Pulse width max. 10ms. Duty ratio max. 1/10



Directivity:



Electrical - Optical characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward voltage	V_F	$I_F=20\text{mA}$	2.8	3.4	4.0	V
DC Reverse current	I_R	$V_R=5\text{V}$	-	-	10	μA
Luminous intensity	I_v	$I_F=20\text{mA}$	330	500	750	nm
Chromaticity Coordinate*	x	$I_F=20\text{mA}$	0.28	0.30	0.33	
	y	$I_F=20\text{mA}$	0.27	0.31	0.34	
50% Power angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	-	120	-	deg

*Please refer to CIE 1931 chromaticity diagram.