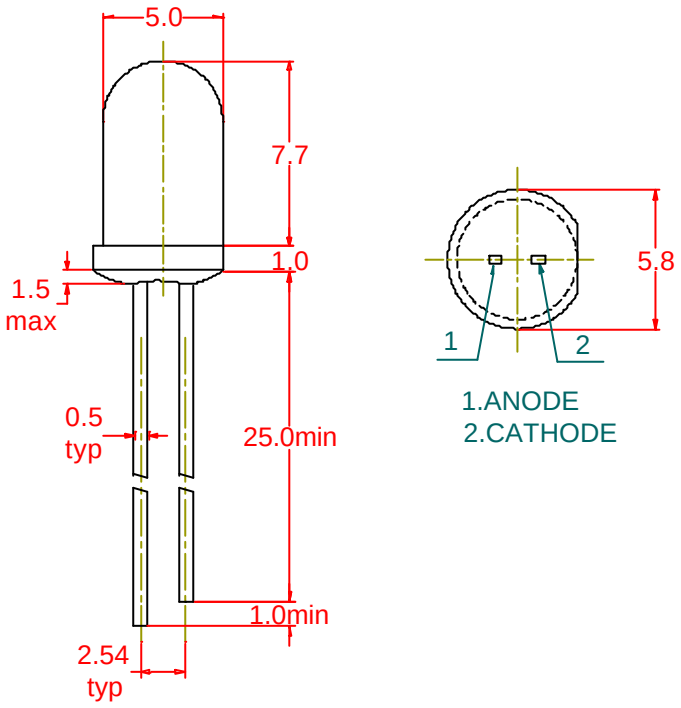
L E D
DATA SHEET

Part No.	LUW50343		
Emitted Color	Ultra Super White	Len's Color	Water Clear

Features:

5mm Round resin mold type
High intensity and reliable
Chip material：InGaN

Package Dimensions:



Note:
1、All dimensions are in millimetres (mm)
2、Tolerance is ±0.25mm unless otherwise noted

◆ Absolute Maximum Rating （Ta=25℃）

Parameter	Symbol	Max.	Unit
Power Dissipation	P_M	150	Mw
Pulse Forward Current (Duty 1/10 @ 1kHz)	I_{FP}	100	mA
Continuous Forward Current	I_F	40	mA
Reverse Voltage	V_R	6	V
Operating Temperature Range	Topr	-25℃～85℃	℃
Storage Temperature Range	Tstg	-40℃～100℃	℃
Solder Temperature：2.0mm From Body For 3 Seconds at 260℃			

◆ Electrical Optical Characteristics（Ta=25℃）

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I_V	--	6500	--	mcd	I_F =20mA
Forward Voltage	VF	--	3.5	4.0	V	I_F =20mA
Reverse Current	IR	--		50	uA	V_R=5V
Chromaticity Coordinates	x	--	0.28	--	nm	I_F=20mA
	y	--	0.31	--	nm	
Viewing Angle	$2\theta_{1/2}$	--	15	--	Deg.	I_F =20mA
Pay attention to electrostatic（ESD）						

Note:

1、The luminous intensity data and λ_P is survey values with the machine JF-Ⅱ、JS-2000.

2、$2\theta_{1/2}$ is the clip angle at which the luminous intensity is half the axial luminous intensity.

Typical Characteristic Curves:

