

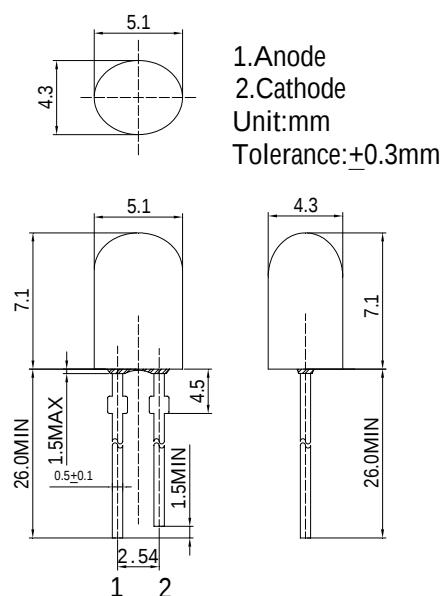
■Features

- High Luminous LEDs
- 5.1x4.3mm Standard Directivity
- Long Lifetime Operation
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

■Applications

- Counterfeit Detection
- NDT Crack Detection
- Fluid Leak Detection
- Forensic Science/Infection Control
- Other Lighting

■Outline Dimension



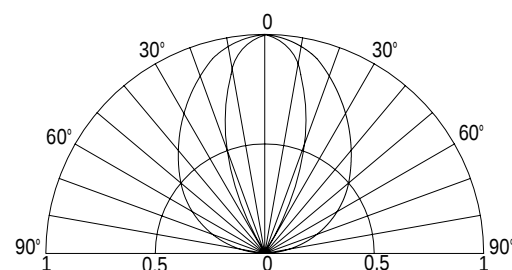
■Absolute Maximum Rating

($T_a = 25^\circ\text{C}$)

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	108	mW
Operating Temperature	T_{opr}	$-30 \sim +85$	
Storage Temperature	T_{stg}	$-40 \sim +100$	
Lead Soldering Temperature	T_{sol}	260 / 5sec	-

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

■Directivity



■Electrical -Optical Characteristics

($T_a = 25^\circ\text{C}$)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F = 20\text{mA}$	2.9	3.1	3.6	V
DC Reverse Current	I_R	$V_R = 5\text{V}$	-	-	10	μA
Peak Wavelength*	λ_p	$I_F = 20\text{mA}$	400	405	410	nm
Radiant flux*	Φ_e	$I_F = 20\text{mA}$	2.0	5.0	6.0	mW
Luminous Intensity*	I_v	$I_F = 20\text{mA}$	250	450	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F = 20\text{mA}$	-	100/40	-	deg

*1 Tolerance of Peak wavelength is $\pm 1\text{nm}$

*2 Tolerance of luminous intensity is $\pm 15\%$

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Standard LEDs - Through Hole](#) ***category:***

Click to view products by [Optosupply](#) ***manufacturer:***

Other Similar products are found below :

[LTL-10254W](#) [LTL-1214A](#) [LTL-1BEDJ](#) [LTL-2231AT](#) [LTL-3251A](#) [LTL-4262N](#) [LTL-5234](#) [LTL87HTBK](#) [LTD-87HD4B](#) [7383/V7C3-BSTA-L/PR3/MS](#) [G22041431007J2C000](#) [HLMP-AG64-X10ZZ](#) [HLMP-EG1A-Z10DV](#) [HLMP-EL3B-WXKDD](#) [HLMP-HB74-UVBDD](#) [HLMP-HG65-VY0DD](#) [HLMP-HM74-34CDD](#) [HLMP-HM75-34CDD](#) [1L0532V23G0TD001](#) [NSPW500CS](#) [C4SMA-BGF-CQ34Q3C2](#) [L53GC13](#) [264-7SURTS530-A3](#) [L-C150JRCT](#) [S4SMS-BJF-CQ42QGF2](#) [S4SMS-GJF-CW12QMF2](#) [LD CQDP-1U3U-W5-1-K](#) [LNX998CKBDA](#) [LO566UHR3-70G-A3](#) [SLA560WBD2PT3](#) [LP379PPG1C0G0300001](#) [SLR-322MCT32](#) [SLR-342DUT32](#) [SLR-342MC3F](#) [SLR343BC7TT32](#) [SLR343BCTT32](#) [SLX-LX3044GD](#) [SLX-LX3044ID](#) [SLX-LX3044YD](#) [SNW-LX504SRC/4](#) [1.90690.3330000](#) [SSL-LX20483ID](#) [SSL-LX3034YD](#) [SSL-LX5093LGT-11](#) [SSL-LX5093PGC](#) [SSL-LX5093SRC/F](#) [SSL-LX5093SYT](#) [SSL-LX5099SRSGC-CA](#) [SSL-LX509E3SIT](#) [SSL-LX509FT3ID](#)