

Excellent Integrated System Limited

Stocking Distributor

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[Lumex, Inc.](#)
[SSP-3157WB912](#)

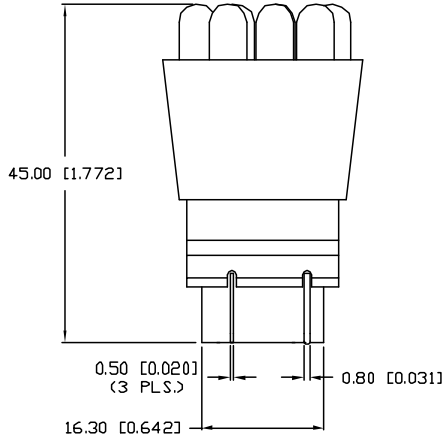
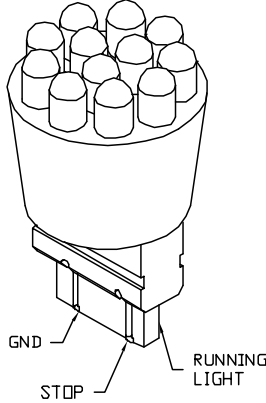
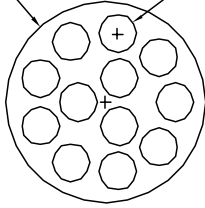
For any questions, you can email us directly:
sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

PART NUMBER
 SSP-3157WB912

REV.

Ø26.50 [Ø1.0431] Ø5.00 [Ø0.197]



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=12\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE		12		V_f	
AXIAL INTENSITY (STOP/RUNNING)	8200/2750			md	$V_f=12\text{V}$
VIEWING ANGLE		35		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	75	mA
PEAK FORWARD VOLTAGE	14	V
POWER DISSIPATION	1	W
DERATE FROM 25°C	-2.0	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* $t < 10\mu\text{s}$

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=+0.00 -0.00 DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV.	PART NUMBER SSP-3157WB912
1" ROUND POLYLED, 3157 WEDGE BASED, ULTRA WHITE CHIPS, WATER CLEAR LENS.	

CONFIDENTIAL INFORMATION
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RELIABILITY NOTE
 OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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