

Excellent Integrated System Limited

Stocking Distributor

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[Lumex, Inc.](#)
[SSP-13MB156U12G](#)

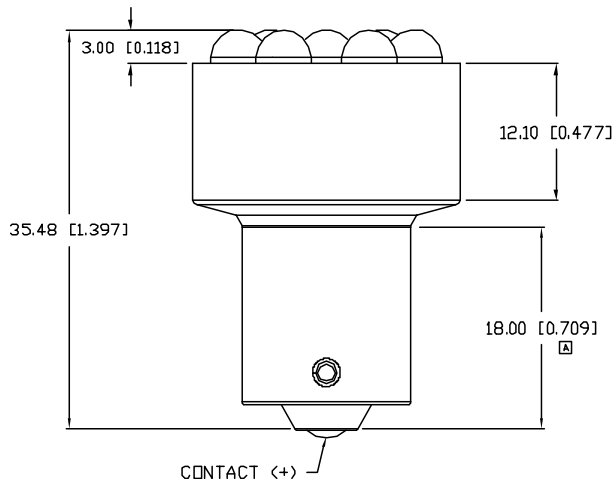
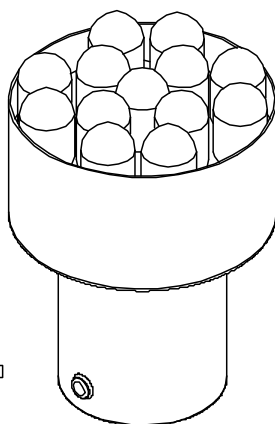
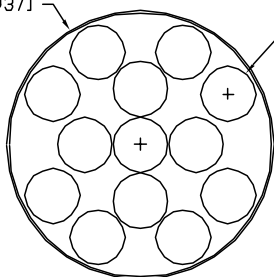
For any questions, you can email us directly:

sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

PART NUMBER			REV.
SSP-13MB156U12G			B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10950.	1.28.03	
B	E.C.N. #11148	11.30.06	

Ø23.80 [Ø0.937] Ø4.85 [Ø0.191]



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=12\text{V}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		626		nm
FORWARD VOLTAGE		12.0		V _f
REVERSE VOLTAGE	5.0			V _r
AXIAL INTENSITY		55500		mcd
VIEWING ANGLE		30		2x theta
EMITTED COLOR:	RED			
EPOXY LENS FINISH:	WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +70	°C

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



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*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=+DECIMAL PRECISION MAX=-DECIMAL PRECISION

REV.	PART NUMBER	CONFIDENTIAL INFORMATION	RELIABILITY NOTE	DATE
B	SSP-13MB156U12G	THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF SUNBRITE LEDS. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY SUNBRITE LEDS, THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	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.	11.30.06
0.94" CIRCULAR, 13 RED LAMP POLYLED, BA15 BASE, SINGLE CONTACT AUTO BAYONET.				PAGE: 1 OF 1
		DRAWN: JC	CHECKED:	APPROVED:

286 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.2867
WEB: www.sunbriteleds.com