

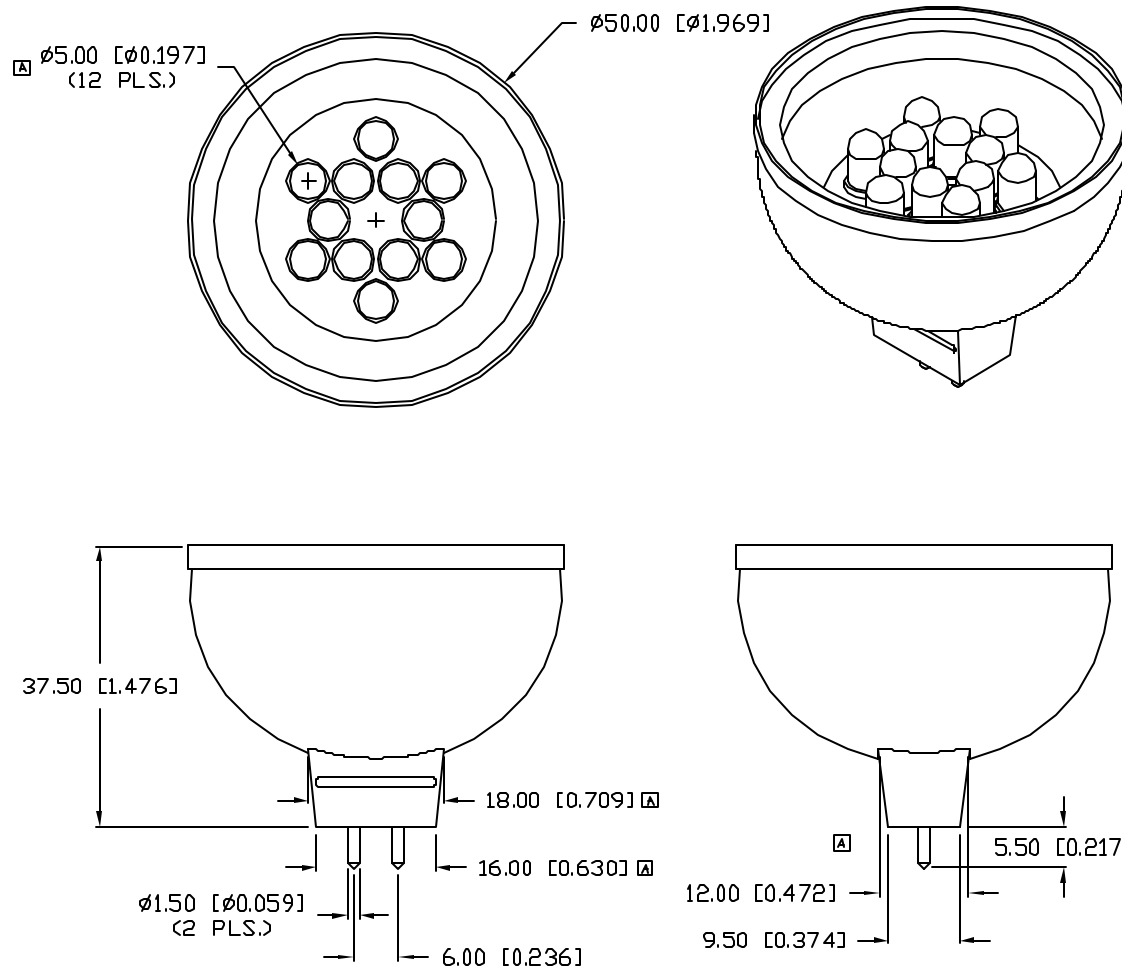
UNCONTROLLED DOCUMENT

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

PART NUMBER
SSP-11CR3S12

REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11066.	12.19.03
B	E.C.N. #11148	11.30.06



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=12\text{V}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		12.0	14.0	V_f	
FLUX		11		LM	$V_f=12\text{V}$
VIEWING ANGLE		60		2θ	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR LENS				

LIMITS OF SAFE OPERATION AT 25°C PER MODULE		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	70	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +80	$^{\circ}\text{C}$

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

REV.
B

PART NUMBER
SSP-11CR3S12

LED MR16 LAMP, YELLOW.

CONFIDENTIAL INFORMATION
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.

RELIABILITY NOTE
DUR 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.



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

DRAWN: JC CHECKED: APPROVED: DATE: 11.30.06
PAGE: 1 OF 1