

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

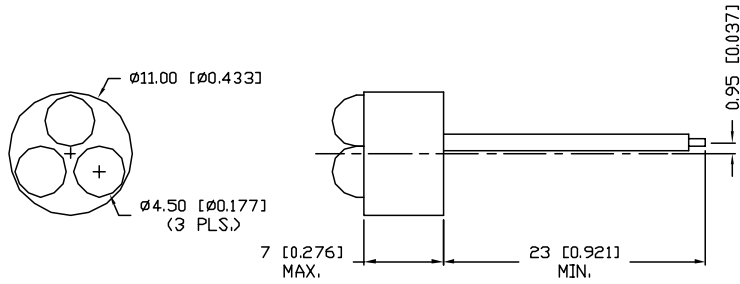
[Lumex, Inc.](#)
[SSP-LXC0432S3](#)

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

UNCONTROLLED DOCUMENT

PART NUMBER
 SSP-LXC0432S3

REV.



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

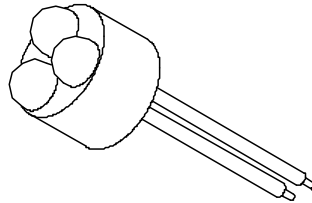
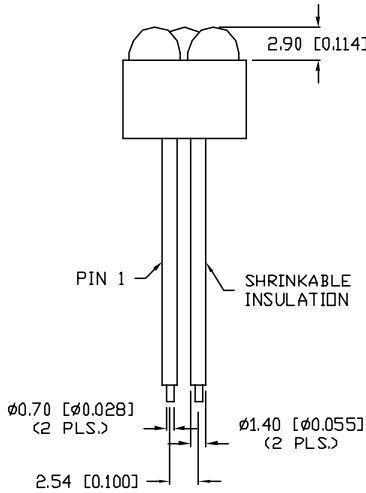
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		6.6	7.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY *		300		mcd	I _f =20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	SUPER GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

* INTENSITY PER DIE.

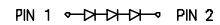
LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +70	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μS



PIN OUT



UNCONTROLLED DOCUMENT

*TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010). LEAD LENGTH=±0.75 (±0.030), MIN=+DECIMAL PRECISION -0.00, MAX=+0.00 -DECIMAL PRECISION

REV.	PART NUMBER SSP-LXC0432S3
0.43" CIRCULAR, 3 LED CLUSTER, 565nm SUPER GREEN LEDS, WATER CLEAR LENS.	

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
 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.



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

DRAWN: BC	CHECKED:	APPROVED:	DATE: 1.17.00 PAGE: 1 OF 1
--------------	----------	-----------	-------------------------------