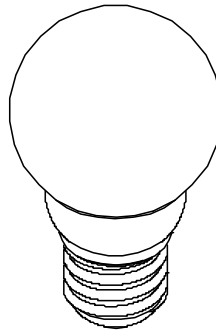
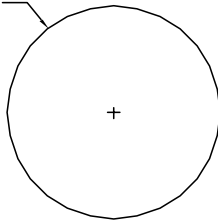


UNCONTROLLED DOCUMENT

PART NUMBER
SSP-8GE273S120

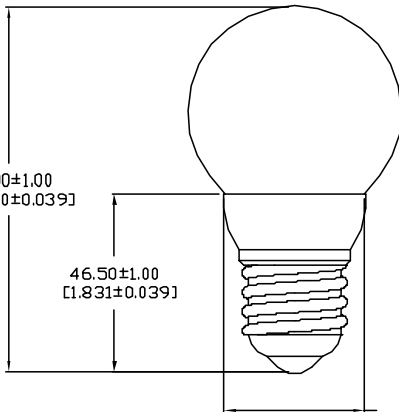
REV.

$\varnothing 55.00 \pm 1.00$
[$\varnothing 2.165 \pm 0.039$]



95.00 ± 1.00
[3.740 ± 0.039]

46.50 ± 1.00
[1.831 ± 0.039]



$\varnothing 36.50 \pm 0.40$
[$\varnothing 1.437 \pm 0.016$]

ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $V_f = 120\text{VAC}$

| PARAMETER | MIN | TYP | MAX | UNITS |
|--------------------------|----------------------|-----|-----|------------------|
| PEAK WAVELENGTH | | 590 | | nm |
| FORWARD VOLTAGE | | 120 | | VAC |
| POWER DISSIPATION | | 0.6 | | W |
| AXIAL INTENSITY | | 2.4 | | lm |
| VIEWING ANGLE | | 360 | | 2x theta |
| OPERATING, STORAGE TEMP. | -20 | | +70 | $^\circ\text{C}$ |
| EMITTED COLOR: | YELLOW | | | |
| EPOXY LENS FINISH: | MILKY WHITE DIFFUSED | | | |

UNCONTROLLED DOCUMENT

*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= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION, MAX= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION

REV.

PART NUMBER
SSP-8GE273S120

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.



286 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.348.3116
FAX: +1.847.359.2867
WEB: www.sunbriteleds.com

E27 BASED, 0.6W LED LIGHT BULB, GLOBE GLASS,
590nm YELLOW LEDS, MILKY WHITE DIFFUSED.

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.

DRAWN:
CT

CHECKED:

APPROVED:

DATE: 7.21.03
PAGE: 1 OF 1