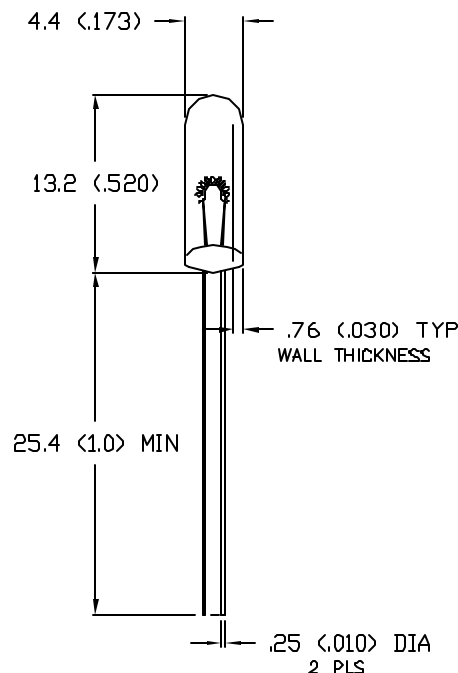


UNCONTROLLED DOCUMENT

PART NUMBER
IFL-LX8448REV.
C

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	REDRAWN./	4.23.92
B	CHG'D E./E. SPECIFICATIONS.	6.16.94
A	E.C.N. #11148.	4.13.07



ELECTRO/OPTICAL SPECIFICATIONS

- Ⓑ OPERATING VOLTAGE: 2.70 TO 3.20 VAC
 OPERATING CURRENT: 135mA ± 10% @ 2.70 VDC
 VISIBLE LIGHT OUTPUT:
 AFTER 24 HRS. MIN:
 BURNING AT 3.0 VAC: 0.160 MSCP ± 15% (.135-.184) @ 2.70 VDC

CONSTRUCTION SPECIFICATIONS

FILAMENT SHAPE: C2R-L
 FILAMENT RADIUS: L.C.L TO PEAK 1mm TYP
 BULB CONTENT: VACUUM

MATERIAL SPECIFICATIONS

BULB MATERIAL: LEAD GLASS 125A
 BULB TUBING: 4.0mm ±.12mm
 LEAD WIRES: DUMET WIRE NICKEL-IRON CORE, COPPER FINISH
 FILAMENT: TUNGSTEN WIRE, REDRAWN

DESIGNED MIN. LIFE (NO MORE THAN 10% FAILURE)

MIN. LIFE AT 3.0 VAC: 9,300 HRS.
 MIN. LIFE AT 2.7 VAC: 27,000 HRS.

PERFORMANCE SPECIFICATIONS

TEST AVG. LIFE AT 3.0 VDC 400 HRS. MINIMUM
 (NO MORE THAN 10% FAILURES)

DESIGNED AVG. LIFE

AVG. LIFE AT 3.0 VAC: 15,000 HRS.
 AVG. LIFE AT 2.7 VAC: 45,000HRS.



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.=+0.00/-0.00 DECIMAL PRECISION MAX.=+0.00/-0.00 DECIMAL PRECISION

REV. C	PART NUMBER IFL-LX8448	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC, 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.	 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
T4.4 SPECIAL INCANDESCENT LAMP, WIRE ENDED.		DRAWN BY: JC CHECKED BY: APPROVED BY:	DATE: 8.10.84 PAGE: 1 OF 1 SCALE: N/A