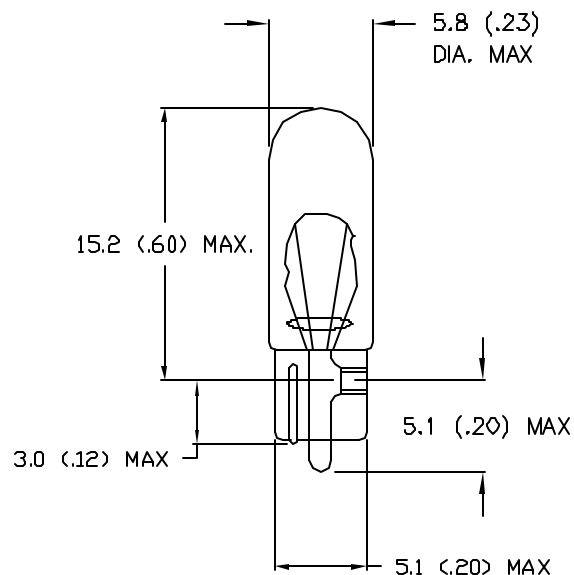


UNCONTROLLED DOCUMENT

PART NUMBER  
IFL-LX86REV.  
B

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE    |
|------|-------------------------------------|---------|
| A    | E.C.N. #10189./                     | 6.24.96 |
| B    | E.C.N. #11148.                      | 4.13.07 |



## ELECTRO-OPTICAL SPECIFICATIONS

|                 |                |
|-----------------|----------------|
| VOLTAGE:        | 6.3 VAC OR VDC |
| AMPERAGE:       | 200 mA +/-10%  |
| INTENSITY:      | .40 MSCP ±25%  |
| OPERATING LIFE: | 20,000 HRS     |

## MECHANICAL SPECIFICATIONS

|                      |                               |
|----------------------|-------------------------------|
| BULB TYPE/STYLE:     | T-1 3/4 AMERICAN T 5.8 METRIC |
| BASE TYPE:           | ALL GLASS WEDGE               |
| P/N MARKING ON LAMP: | 86                            |
| ANSI SPECIFICATION:  | 86                            |
| FILAMENT SHAPE:      | G-2F                          |

## ENVIRONMENTAL SPECIFICATIONS

|                        |                                     |
|------------------------|-------------------------------------|
| VIBRATION TESTING:     | MIL-E-5400N, GRAPH IV               |
| SHOCK:                 | MIL-STD-883 METHOD 2002 TEST COND A |
| OPERATING TEMPERATURE: | -50 TO +100 DEG.C                   |
| STORAGE TEMPERATURE:   | -50 TO +125 DEG.C                   |



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

REV.  
BPART NUMBER  
IFL-LX86

T-1 3/4 WEDGE BASE, INCANDESCENT LAMP.

## 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

|           |             |              |               |
|-----------|-------------|--------------|---------------|
| DRAWN BY: | CHECKED BY: | APPROVED BY: | DATE: 10.9.95 |
| JC        |             |              | PAGE: 1 OF 1  |
|           |             |              | SCALE: N/A    |