

**NOTES:**

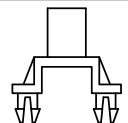
1. ROHS COMPLIANT
2. MATERIALS:  
 FIBER OPTIC:  $\varnothing 1.5\text{MM}$  OPTICAL CORE,  $\varnothing 2.2\text{MM}$  POLYETHYLENE CABLE JACKET  
 LENS MOUNT: OPTICAL GRADE ACRYLIC  
 LED MOUNTS: FOR SMD 22 & THR 22 - NYLON 66, UL RATING 94-V2  
 FOR THR 5 22 - NYLON 66, UL RATING 94-HB  
 LENS: POLYCARBONATE, UL RATING 94-V2  
 LENS SPACER: POLYPROPYLENE
3. OPTICAL CORE ENDS POLISHED TO 10 MICRONS
4. PANEL MOUNTING HOLE:  $.171" \pm .002$  ( $4.34\text{mm} \pm 0.05$ ) ON  $1/4"$  ( $6.35\text{mm}$ ) CENTERS
5. PANEL THICKNESS FOR SML 190:  $1/32"$  ( $0.79\text{mm}$ ) TO  $1/16"$  ( $1.60\text{mm}$ );  
 SMB 200 AND SMQ 250:  $1/16"$  ( $1.60\text{mm}$ ) TO  $1/8"$  ( $3.48\text{mm}$ )
6. FOR ADDED SECURITY FOR SMB 200 AND SMQ 250 USE SPC 040 SPACER
7. FOR BEST RESULTS USE ONLY NARROW VIEWING ANGLE NON-DIFFUSED LEDS WITH OUTPUT POWER GREATER THAN  $100\text{mcd}$
8. U.S. AND FOREIGN PATENTS ISSUED

LITE PIPE ASSEMBLY  
 ORDERING CODE (EXAMPLE): **FLX3 XX**

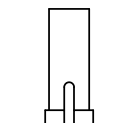
| LENGTH                                |               |
|---------------------------------------|---------------|
| LENGTH CODE                           | ACTUAL LENGTH |
| 02                                    | 2.0"          |
| 04                                    | 4.0"          |
| 06                                    | 6.0"          |
| 08                                    | 8.0"          |
| 12                                    | 12.0"         |
| CUSTOM LENGTHS AVAILABLE UPON REQUEST |               |

| REVISIONS |      |   |         |          |       |
|-----------|------|---|---------|----------|-------|
| ECN #     | REV. | DESCRIPTION   | DATE    | INITIALS | CHK'D |
| -         | 001  | INITIAL RELEASE   | 2/4/10  | KH       | AZ    |
| -         | 002  | MOD TO NOTE 4&5: CHG $\varnothing .059$ TO $\varnothing .039$ | 7/20/10 | KH       | AZ    |
| -         | 003  | REVISED PER ECR 092810AA01                                    | 10/4/10 | KH       | AZ    |
| 397       | 004  | REVISED PER ECR 011812KH01                                    | 1/19/12 | KH       | AZ    |


MOUNTING OPTIONS (ORDER SEPARATELY)



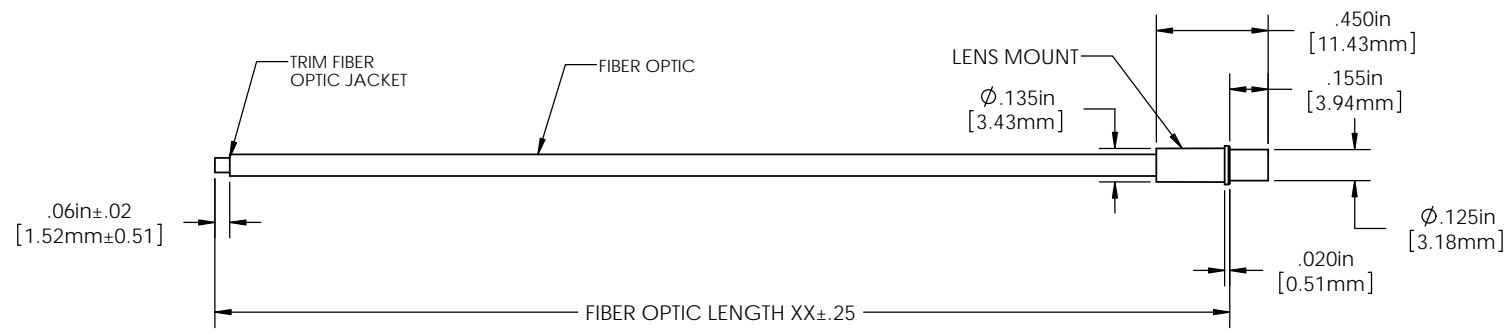
SMD 22



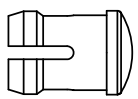
THR 22



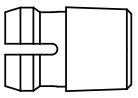
THR 5 22



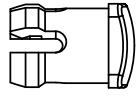
LENS (ORDER SEPARATELY)




SMB 200



SML 190



SMQ 250

|   |  |   |  |                           |
|---|--|---|--|---------------------------|
| <small>DIMENSION STYLE: INCHES (MM)<br/>                 GENERAL TOLERANCES UNLESS OTHERWISE SPECIFIED:</small><br>X $\pm .020$ $\pm .508$<br>XX $\pm .010$ $\pm .254$<br>XXX $\pm .005$ $\pm .127$<br>ANGLE $\pm 1^\circ$<br><input checked="" type="checkbox"/> SHARP ALL CORNERS AND SHARP EDGES UNLESS NOTED<br>THIRD ANGLE PROJECTION<br><small>PROPRIETARY AND CONFIDENTIAL<br/>                 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF VISUAL COMMUNICATIONS COMPANY, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF VISUAL COMMUNICATIONS COMPANY, INC IS PROHIBITED.</small> | <small>APPROVAL</small><br>DRAWN: KHOWARD<br>CHECKED: AZANELLI | <small>DATE</small><br>2/4/10<br>2/10/10                |  OPTOELECTRONICS<br>190 BOSSTICK BLVD, SUITE 101 SAN MARCOS, CA 92069 U.S.A.<br>PHONE: (760) 560-1300, FAX: (760) 560-1301 EMAIL: vccsales@vcc3lite.com |                           |
|   | <small>MATERIAL</small><br>SEE NOTES                           | <small>TITLE:</small><br>3MM FLEXFIRE FLEXIBLE LITEPIPE |  |                           |
| <small>FINISH</small><br>SEE NOTES  | <small>SCALE:</small><br>2:1                                   | <small>SIZE</small><br>B                                | <small>DWG. NO.</small><br>FLX3 XX   | <small>REV</small><br>004 |
| <small>DO NOT SCALE DRAWING</small>   |  | SHEET 1 OF 2  |  |                           |