

**NOTES:**

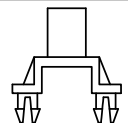
1. ROHS COMPLIANT
2. MATERIALS:  
 FIBER OPTIC:  $\phi$ 1.5MM OPTICAL CORE,  $\phi$ 2.2MM POLYETHYLENE CABLE JACKET  
 LENS MOUNT: OPTICAL GRADE ACRYLIC  
 LED MOUNTS: FOR SMD 22 & THR 22 - NYLON 66, UL RATING 94-V2  
 FOR THR 5 22 - NYLON 66, UL RATING 94-HB  
 LENS: POLYCARBONATE, UL RATING 94-V2  
 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 100mcd
8. U.S. AND FOREIGN PATENTS ISSUED

LITE PIPE ASSEMBLY  
 ORDERING CODE (EXAMPLE): FLX3 XX

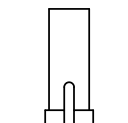
LENGTH	
LENGTH CODE	ACTUAL LENGTH
02	2.0"
04	4.0"
06	6.0"
08	8.0"
12	12.0"
CUSTOM LENGTHS AVAILABLE UPON REQUEST	

REVISIONS					
ECN #	REV.	DESCRIPTION	DATE	INITIALS	CHKD
-	001	INITIAL RELEASE	2/4/10	KH	AZ
-	002	MOD TO NOTE 4&5; CHG $\phi$ .059 TO $\phi$ .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)**



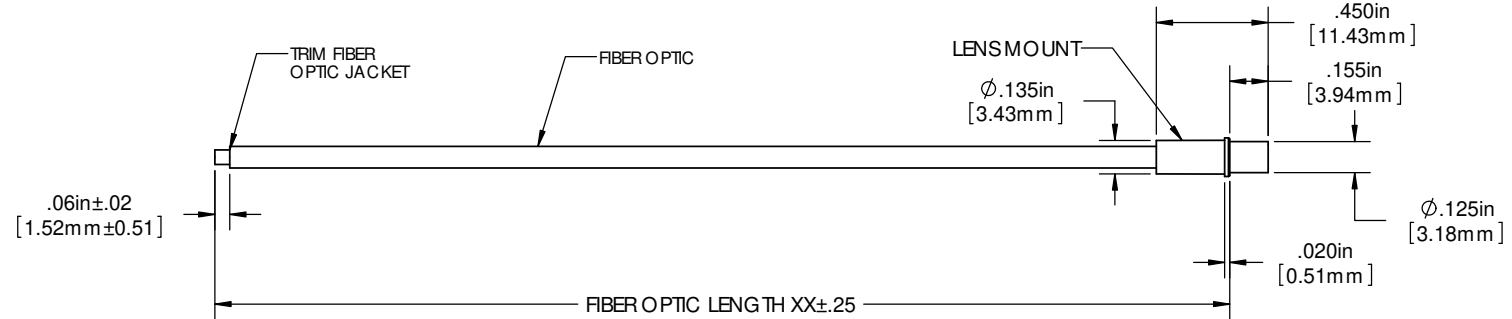
SMD 22



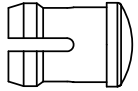
THR 22



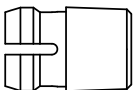
THR 5 22



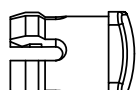
**LENS (ORDER SEPARATELY)**




SMB 200



SML 190



SMQ 250

<small>DIMENSION STYLE: INCHES (MM)                  GENERAL TOLERANCES UNLESS OTHERWISE SPECIFIED:</small> INCHES    MM X    ± .020    ± .508 XX    ± .010    ± .254 XXX    ± .005    ± .127 ANGLE: 1° <input checked="" type="checkbox"/> BREAK ALL CORNERS AND SHARP EDGES 20:1 MAX. THIRD ANGLE PROJECTION <small>PROPRIETARY AND CONFIDENTIAL                  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> DRAWN: KHOWARD CHECKED: AZANELLI DATE: 2/4/10 2/10/10	 OPTOELECTRONICS 190 BOSTICK BLVD, SUITE 101 SAN MARCOS, CA 92069 USA PHONE: (760) 560-1300, FAX: (760) 560-1301 EMAIL: vccsales@vcc-lite.com
	<small>MATERIAL</small> SEE NOTES	
<small>FINISH</small> SEE NOTES	<small>DO NOT SCALE DRAWING</small>	<small>SCALE: 2:1</small>
<small>SIZE</small> B	<small>DWG. NO.</small> FLX3 XX	<small>REV</small> 004
<small>SHEET 1 OF 2</small>		