

**NOTES:**

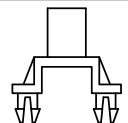
1. ROHS COMPLIANT
2. MATERIALS:  
 FIBER OPTIC:  $\varnothing 1.5\text{MM}$  OPTICAL CORE,  $\varnothing 2.2\text{MM}$  POLYETHYLENE CABLE JACKET  
 LENS MOUNT: OPTICAL GRADE ACRYLIC  
 LED MOUNTS: FOR SMD 22 & THR 22 - NYLON 66, UL RATING 94-V2  
 FOR THR 5 22 - NYLON 66, UL RATING 94-HB  
 LENS: POLYCARBONATE, 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**

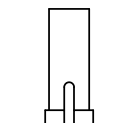
LENGTH	
LENGTH CODE	ACTUAL LENGTH
02	2.0"
04	4.0"
06	6.0"
08	8.0"
12	12.0"
CUSTOM LENGTHS AVAILABLE UPON REQUEST	

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)



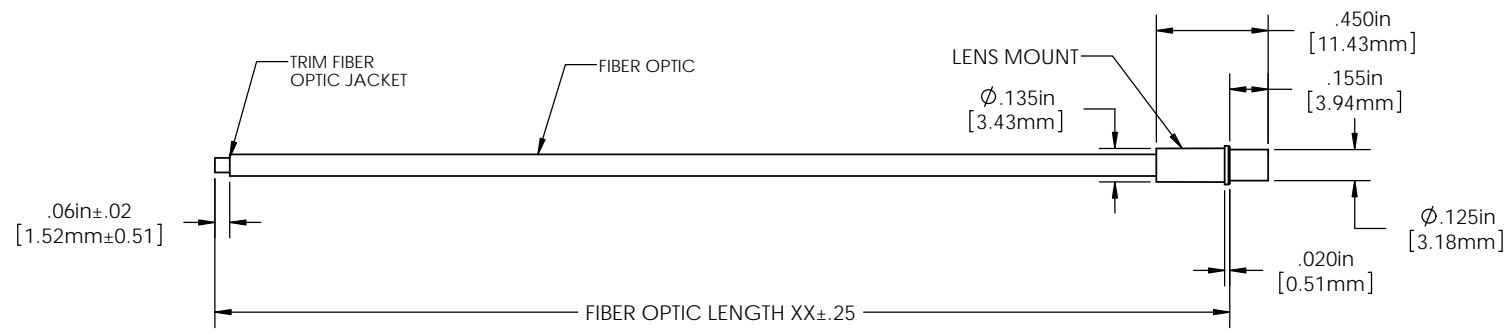
SMD 22



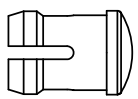
THR 22



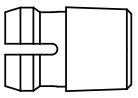
THR 5 22



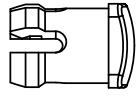
LENS (ORDER SEPARATELY)




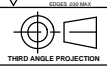
SMB 200



SML 190



SMQ 250

<small>DIMENSION STYLE: INCHES (MM)                  GENERAL TOLERANCES UNLESS OTHERWISE SPECIFIED</small>	APPROVAL	DATE	 <b>OPTOELECTRONICS</b> 190 BOSSTICK BLVD, SUITE 101 SAN MARCOS, CA 92069 U.S.A. PHONE: (760) 560-1300, FAX: (760) 560-1301 EMAIL: vccsales@vcc3ite.com
	<small>INCHES</small>   <small>MM</small> X   $\pm .020$   $\pm .508$ XX   $\pm .010$   $\pm .254$ XXX   $\pm .005$   $\pm .127$	DRAWN: KHOWARD	
<small>ANGLES</small> ✓ SHARP ALL CORNERS AND SHARP EDGES UNLESS NOTED	CHECKED: AZANELLI	2/10/10	TITLE: <b>3MM FLEXFIRE FLEXIBLE LITEPIPE</b>
<small>THIRD ANGLE PROJECTION</small> 	MATERIAL	SEE NOTES	
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