

NOTES:

1. ROHS COMPLIANT
2. MATERIALS:
 - FIBER OPTIC: Ø1.5MM OPTICAL CORE, Ø2.2MM 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 WASHER: FH STEEL, NICKLE PLATE
 - LENS RETAINING RING: THERMOPLASTIC UL RATING 94-V0
 - LENS SEAL: EPDM
3. OPTICAL CORE ENDS POLISHED TO 10 MICRONS
4. MOUNTS THROUGH FRONT OF PANEL. SECURED BY RETAINING RING
5. LENSES MOUNT THROUGH A 5/16" (7.94mm) HOLE ON 1/2" (6.35mm) CENTERS
6. PANEL THICKNESS 1/32" (0.79mm) TO 1/8" (3.18mm)
7. FOR BEST RESULTS USE ONLY NARROW VIEWING ANGLE NON-DIFFUSED LEDS
8. WITH OUTPUT POWER GREATER THAN 100mcd
- U.S. AND FOREIGN PAT. ISSUED

REVISIONS					
ECN #	REV.	DESCRIPTION	DATE	INITIALS	CHK'D
-	001	INITIAL RELEASE	7/8/09	SMU	AZ
-	002	DWG FORMAT UPDATE	8/2/10	KH	AZ
-	003	REVISED PER ECR 092810AA01	10/4/10	KH	AZ
396	004	REVISED PER ECR 011812KH01	1/20/12	KH	AZ

LITE PIPE ASSEMBLY

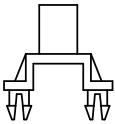
ORDERING CODE (EXAMPLE): **FLX 44X XXX XX**

LENS TYPE CODE	
441	CMC 441, STANDARD FRESNEL
442	CMS 442, MOISTURE-SEALED FRESNEL
443	CMC 443, PLAIN LENS
444	CMS 444, MOISTURE-SEALED PLAIN END
 CMS 442 & CMS 444; INCLUDES LENS W/SEAL (MEETS NEMA 6P RATING), CLW 441 LOCKWASHER, AND RTN 441 RETAINING RING	
 CMC 441 & CMC 443; INCLUDES LENS, CLW 441 LOCKWASHER, AND RTN 441 RETAINING RING	

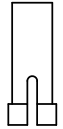
LENS COLOR	
RTP	RED TRANSPARENT
ATP	AMBER TRANSPARENT
GTP	GREEN TRANSPARENT
BTP	BLUE TRANSPARENT
YTP	YELLOW TRANSPARENT
CTP	CLEAR TRANSPARENT

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

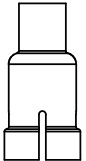
MOUNTING OPTIONS
(ORDER SEPARATELY)



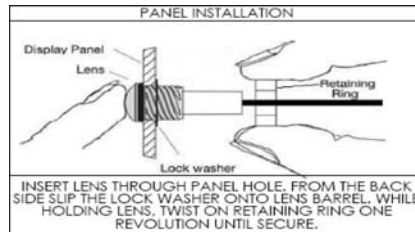
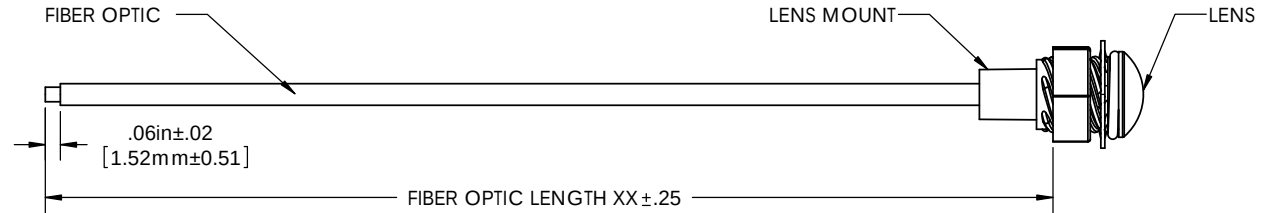
SMD 22



THR 22



THR 5 22



DIMENSION STYLE: INCHES / MM GENERAL TOLERANCES UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE
INCHES		DRAWN	KHOWARD	8/2/10
X ± .020		CHECKED	AZANELLI	8/2/10
XX ± .010				
XXX ± .005				
ANGLE 1°				
THIRD ANGLE PROJECTION				
PROPRIETARY AND CONFIDENTIAL				
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DO NOT SCALE DRAWING				

VCC OPTOELECTRONICS	
190 Bosstick Boulevard, Suite 101 San Marcos, CA 92069 USA Phone (760) 560-1300 Fax (760) 560-1301 email vccsales@vccite.com	
TITLE: FLX 44X FLEXFIRE FLEXIBLE LITEPIPE	
SIZE B	DWG. NO. FLX 44X XXX XX
SCALE: 2:1	REV 004
SHEET 1 OF 1	