

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 RETAINING RING: POLYPROPYLENE
 - LENS SEAL: TPE
3. OPTICAL CORE ENDS POLISHED TO 10 MICRONS
4. MOUNTS THROUGH FRONT OF PANEL. COMPRESSION OF THE SEAL IS ACCOMPLISHED BY PRESSING THE RETAINING RING IN PLACE
5. LENSES MOUNT THROUGH A 9/32" (7.12mm) HOLE ON 3/8" (9.52mm) 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 WITH OUTPUT POWER GREATER THAN 100mcd
8. 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 322 XXX XX**

LENS TYPE CODE

322	CMS 322, LOW PROFILE FRESNEL LENS WITH MOISTURE SEAL AND RETAINING RING. MEETS NEMA 4 RATING.
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LENS COLOR

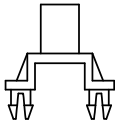
RTP	RED TRANSPARENT
ATP	AMBER TRANSPARENT
GTP	GREEN TRANSPARENT
BTP	BLUE TRANSPARENT
YTP	YELLOW TRANSPARENT
CTP	CLEAR TRANSPARENT
GLO	WHITE TRANSLUCENT

FIBER LENGTH CODE

02	2.0"
04	4.0"
06	6.0"
08	8.0"
12	12.0"

CUSTOM LENGTHS
AVAILABLE UPON
REQUEST

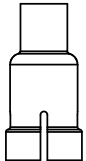
MOUNTING OPTIONS
(ORDER SEPARATELY)



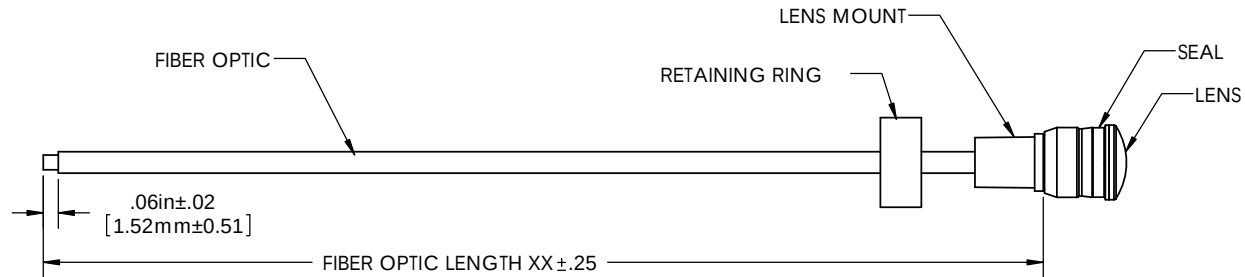
SMD 22



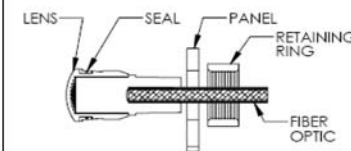
THR 22



THR 5 22



PANEL INSTALLATION



INSTALL LENS THROUGH 9/32" PANEL HOLE.
PRESS RING ONTO LENS TO COMPRESS SEAL.

DIMENSION STYLE: INCHES / MM GENERAL TOLERANCES UNLESS OTHERWISE SPECIFIED	
INCHES	MM
X .020	±.508
XX .010	±.254
XXX .005	±.127

ANGLE 1°

✓ BREAK ALL CORNERS AND ROUNDS
"RADIUS" OR "R"

THIRD ANGLE PROJECTION

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APPROVAL	DATE
DRAWN: KHOWARD	8/2/10
CHECKED: AZANELLI	8/2/10

MATERIAL
SEE NOTES

FINISH
SEE NOTES

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 322 FLEXFIRE FLEXIBLE LITEPIPE	

SIZE DWG. NO. REV
B FLX 322 XXX XX 004

SCALE: 2:1 SHEET 1 OF 1