

NOTES:

1. ROHS COMPLIANT
2. MATERIALS:
 - FIBER OPTIC: $\varnothing$ 1.5MM OPTICAL CORE, $\varnothing$ 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 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

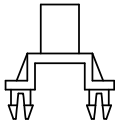
RTP	RED TRANSPARENT
ATP	AMBER TRANSPARENT
GTP	GREEN TRANSPARENT
BTP	BLUE TRANSPARENT
YTP	YELLOW TRANSPARENT
CTP	CLEAR TRANSPARENT
GLO	WHITE TRANSLUCENT

FIBER LENGTH CODE

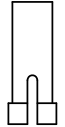
02	2.0"
04	4.0"
06	6.0"
08	8.0"
12	12.0"

CUSTOM LENGTHS
AVAILABLE UPON
REQUEST

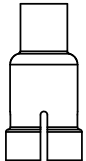
MOUNTING OPTIONS
(ORDER SEPARATELY)



SMD 22



THR 22



THR 5 22

FIBER OPTIC

RETAINING RING

LENS MOUNT

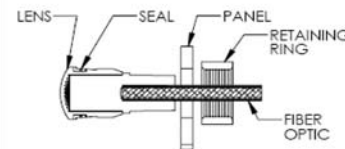
SEAL

LENS

.06in $\pm$.02
[1.52mm $\pm$ 0.51]

FIBER OPTIC LENGTH XX $\pm$.25

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 $\pm$.020	$\pm$.508
XX $\pm$.010	$\pm$.254
XXX $\pm$.005	$\pm$.127

ANGLE $\pm$ 1°

✓ BREAK ALL DIMENSIONS AND DIMENSIONS
"READS THE WAY"



THIRD ANGLE PROJECTION

PROPRIETARY AND CONFIDENTIAL

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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		



OPTOELECTRONICS

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TITLE:
**FLX 322 FLEXFIRE
FLEXIBLE LITEPIPE**

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

SCALE: 2:1 SHEET 1 OF 1