FLXR Series 0.400" (10.1mm) Ruggedized Flexible Light Pipe

FLXR Series litepipe™ features a robust anodized aluminum body delivering NEMA 4 protection
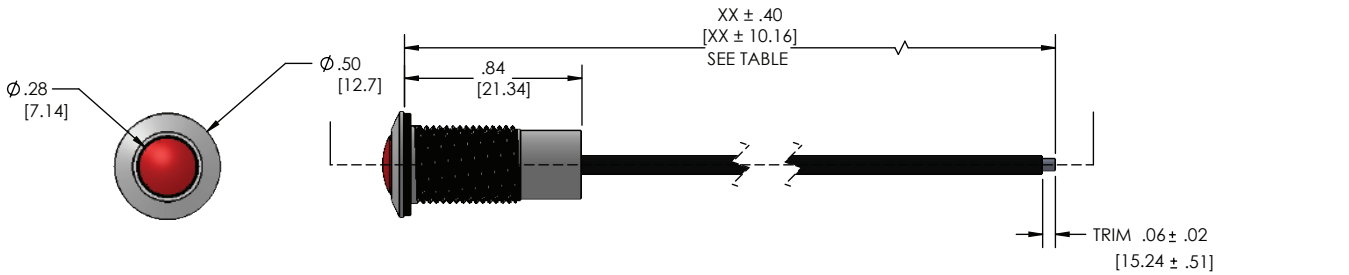
Applications

- aircraft and military
- disinfection and sterilization environments
- electrical control panels
- industrial machinery
- instrument panels
- outdoor signage
- safety applications
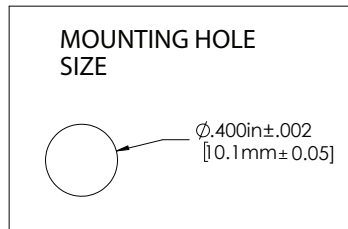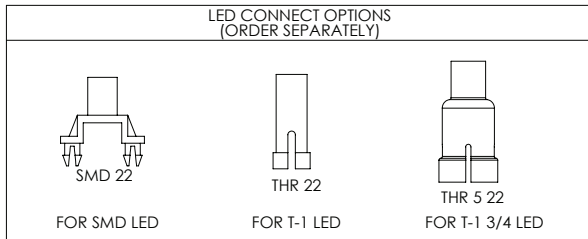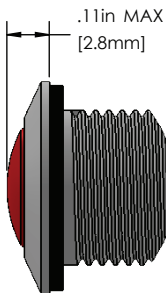- transportation dashboards
- vending and gaming machines

Key features

- designed for harsh and outdoor environments
- wide viewing angle
- anti-vandal low profile light pipe
- optical core ends polished to ten microns for optimal light transmittance
- resistant to shock and vibration
- ESD protection
- available in black and clear anodized finishes
- five different lens colors are available (green, red, amber, blue and clear)
- for best results use narrow viewing angle non-diffused LEDs with output greater than 100 mcd
- REACH and RoHS compliant

Dimensions

Ø .28 [7.14]
Ø .50 [12.7]
XX ± .40 [XX ± 10.16] SEE TABLE
.84 [21.34]
TRIM .06± .02 [15.24 ± .51]

.11in MAX [2.8mm]

Dimensions in inches [mm]

LED CONNECT OPTIONS
(ORDER SEPARATELY)

SMD 22
FOR SMD LED

THR 22
FOR T-1 LED

THR 5 22
FOR T-1 3/4 LED

MOUNTING HOLE SIZE

Ø.400in±.002 [10.1mm± 0.05]

Product Specifications

Materials	
body	aluminum alloy
lens	polycarbonate, UL rating 94-V2
washer	steel, zinc plated
retaining nut	aluminum alloy
fiber optic	1.5mm optical core, 2.2mm polyethylene cable jacket
moisture seal	EPDM

Installation specification	
mounting hole	.400±.002 (10.1mm±.05)
panel thickness	.059 (1.5mm) min to .320 (8.1mm) max

Ordering data

FLXR Litepipe ™
ordering code (example)

FLXR X XXX XX

Body finish	
1	black anodized
2	clear anodized

Lens color	
RTP	red transparent
GTP	green transparent
CTP	clear transparent
BTP	blue transparent
ATP	amber transparent

Litepipe length		
XX	actual length	
04	4.0"	101.6mm
06	6.0"	152.4mm
08	8.0"	203.2mm
12	12.0"	304.8mm
custom lengths available upon request		