



FLXR Series

0.400" (10.1mm)

Ruggedized Flexible Light Pipe



FLXR Series light pipe features a robust anodized aluminum body delivering NEMA 4 protection

Application

- Aircraft and Military
- Disinfection 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: red, green, clear, blue, and amber
- For best results use narrow viewing angle nondiffused LEDs with output greater than 100 mcd
- Aluminum housing thread # 3/8-32
- For custom light pipe length contact VCC
- RoHS and REACH Compliant



Ordering Data

Series	Body Finish		Lens Color		Light Pipe Length	
FLXR	1		CTP		12	
	1	Black Anodized	RTP	Red Transparent	04	4in (101.6mm)
	2	Black Anodized	GTP	Green transparent	06	6in (152.4mm)
			CTP	Clear transparent	08	8in (203.2mm)
			BTP	Blue transparent	12	12in (304.8mm)
			ATP	Amber transparent		

*Custom lengths available upon request



Example:

FLXR1CTP08

FLXR Black Anodized Finish, Clear Transparent Lens, 8 Inch Light Pipe Length

LED Adapter Options (Order Separately)



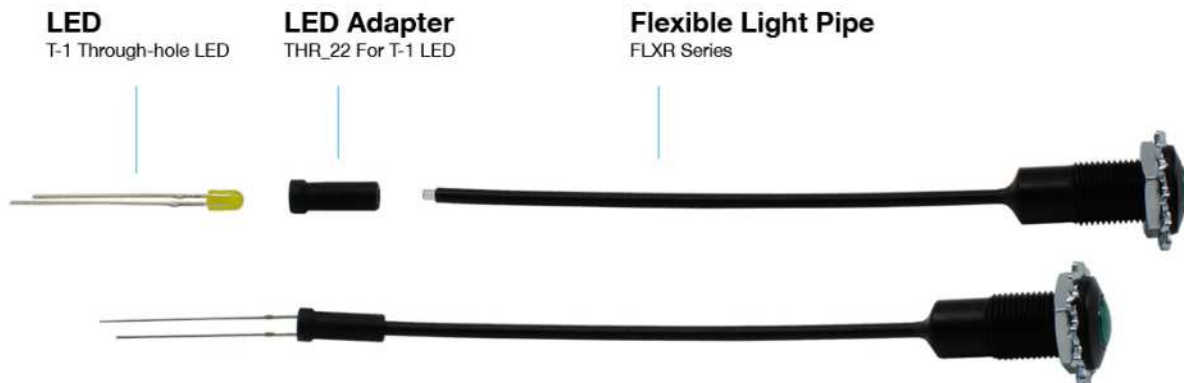
SMD 22
For SMD



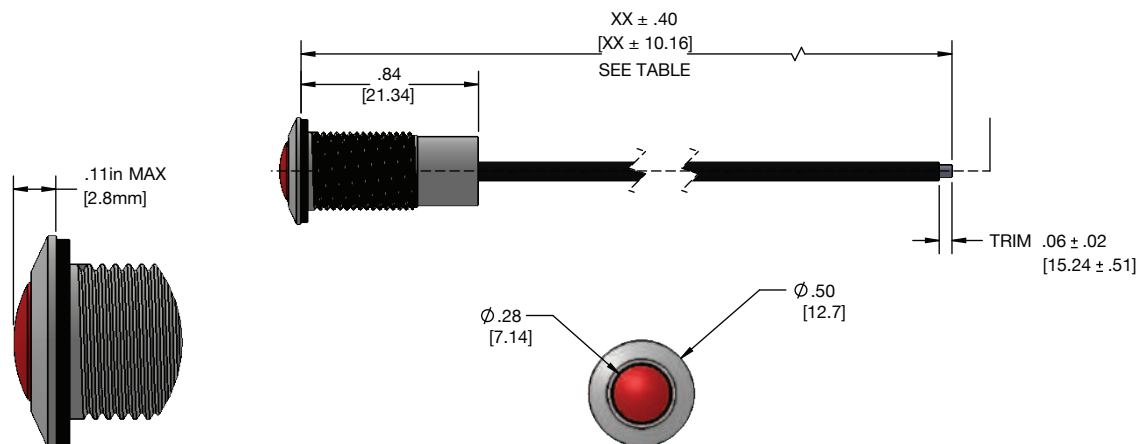
THR_22
For T-1 LED



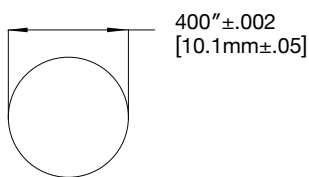
THR_5_22
For T-1 3/4 LED



Product Dimensions



Recommended Mounting Hole



Notes:

1. All dimensions are in inches [millimeters]
2. Tolerance is $\pm .005$ [.127] unless otherwise noted

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 Specifications	
Mounting Hole	$.400" \pm .002$ (10.1mm $\pm$.05)
Panel Thickness	.059 (1.5mm) Min to .320 (8.1mm) Max

Compliances and Approvals

