



FLX Series

5mm Round Flexible Board Mount Light Pipe .250" Dia.



FLX Series is a flexible board mount light pipe available in different lengths from 2.0" to 12.0".

Applications

- Aircraft and Military
- Disinfection Environments
- Electrical Control Panels
- Industrial machinery
- Instrument Panels
- Outdoor Signage
- Safety Applications
- Transportation Dashboards
- Vending and Gaming Machines

Key Features

- 5mm Flexible Light Pipe Fiber Optic: Ø 1.5mm optical core, pi 2.2mm outer diameter with polyethylen 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 Spacer: Polypropylene
- Optical core ends polished to 10 microns
- Panel mounting hole Ø.250±.002 [Ø6.35mm±.05] panel hole on .375 [9.5mm] centers
- Panel thickness for CLF 280: 1/16" (1.60mm) to 1/8" (3.18mm); CLB 300 and CLR 301
- For panels less than 0.125"(3.2mm) use SPC_125 spacer
- NA (Numerical Aperture): 0.5
- For added security use RNG_268
- Operating and storage temperature range: -55° ~ 70°C
- For best results use only narrow viewing angle non-diffused leds with output power greater than 100mcd
- Minimum bend radius: 40mm
- U.S. And foreign patens issued
- For custom light pipe length contact VCC
- RoHS and REACH Compliant

Ordering Data

Series		Light Pipe Length	
FLX	—	12	
		02	2in (50.8mm)
		04	4in (101.6mm)
		06	6in (152.4mm)
		08	8in (203.2mm)
		12	12in (304.8mm)

*Custom lengths available upon request

Example

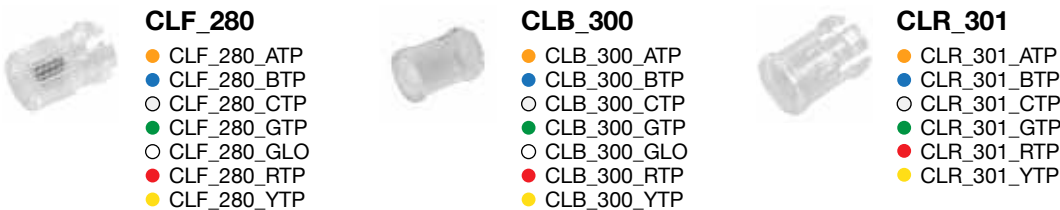


Accessories (Order Separately)

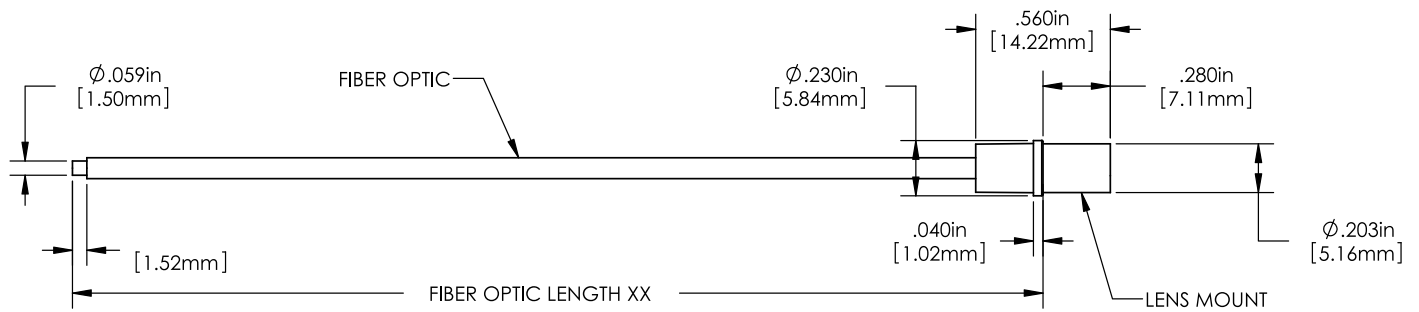
LED Adapter Options



Lens Options



Product Dimensions



Product Specifications

Materials	
Fiber Optic	Ø 1.5mm optical core, pi 2.2mm outer diameter with polyethylen jacket
Lens Mount	Optical grade acrylic
Lens	Polycarbonate UL rating 94-V2
Lens Spacer	Polypropylene

Installation Specifications	
Mounting Hole	Ø.250±.002 [Ø6.35mm±.05] panel hole on .375 [9.5mm] centers.
Panel Thickness	CLF 280: 1/16" (1.60mm) to 1/8" (3.18mm); CLB 300, CLR 301

Compliances and Approvals

