


LFB Series

Ø 0.118" (3mm) Press Fit, Low Profile Diffused Rigid Light Pipe


LFB Series features diffused round 3mm surface provides uniform brightness, a soft glow and a wide viewing angle at 120 degrees.




MOUNTING HOLE
Ø 0.118




MULTIPLE LENGTHS



120° VIEWING ANGLE



UL 94 V-0 MATERIAL



OPTICAL GRADE

Applications

- Audio/Video
- Industrial
- IoT
- Communication
- Entertainment
- Studio Control
- Darkroom Equipment
- Medical
- Transportation

Key Features

- For use with surface-mount or through-hole LEDs
- Optical grade polycarbonate for maximum light transmission
- Low profile, flush panel design
- Wide viewing angle at 120 degrees
- Frosted surface diffuses light and provides
- Uniform brightness and a soft glow
- Operating temperature: -40°F~248°F (-40°C~120°C)
- Press fit (front panel mount) with crushable ribs that simplifies installation
- No physical connection between light pipe and LED provides versatility for assembly
- Standard lengths from 0.125" to 1.000"
- RTN112 retainer provides a reliable solution for high-vibration environments (optional)
- For custom length contact VCC
- RoHS and REACH Compliant



Ordering Data

Series	Length	Color
LFB	012	CTP

012	0.125" (3.2mm)
035	0.350" (8.9mm)
025	0.250" (6.4mm)
037	0.375" (9.5mm)
100	1.000" (25.4mm)
063	0.625" (15.9mm)
050	0.500" (12.7mm)
075	0.750" (19.0mm)

Accessories (Order Separately)



RTN112

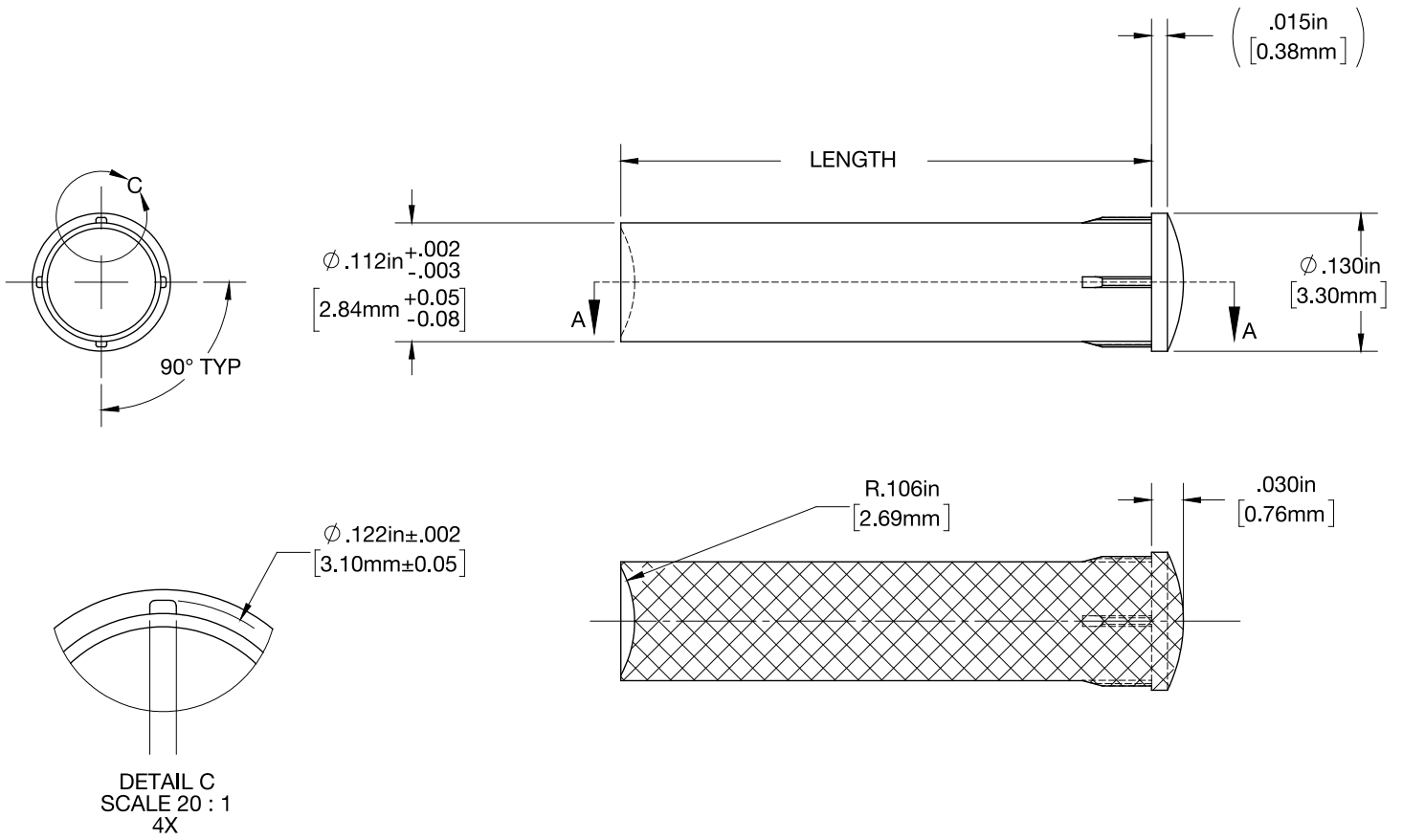
Retainer for LFB Series 3mm Light Pipe

- Recommended for high vibration applications
- Secure and uniform placement of the lightpipe to the panel
- Field-proven design

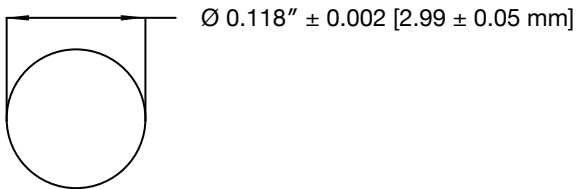




Product Dimensions



Recommended Mounting Hole





Product Specifications

Materials	
Body	Polycarbonate, Clear UL 94-V0

Temperature Specifications	
Operating Temperature	-40 °F ~ 248 °F -40 °C ~ 120 °C

Installation Specifications	
Diameter	Ø 0.118" ± 0.002 [2.97 ± 0.05 mm]
Standard Lengths	0.125" to 1.000" (3.2mm to 25.4mm)

Recommendation:

Maximum air gap (clearance) between LED and light pipe for best performance:

0.020" [0.5mm] for wide viewing angle LED

0.050" [1.3mm] for narrow viewing angle LED

Compliances and Approvals

