



# LPCR Series

0.171" (4.34mm) Light Pipe  
Press Fit, Low Profile  
Vertical Rigid

The LPCR series enhances display quality in a cost-effective way due to its excellent optical appearance and ease of installation. The LPCR series is designed to deliver high luminance with minimal light loss and is offered in a wide range of length which simplifies the PCB positioning in relation to the display panel.



**Mounting Hole**  
[0.171" \(4.34mm\)](#)

**Length**  
[Standard lengths from 0.125" to 1.000"](#)

**Surface**  
[Fresnel lens - wide viewing angle](#)

**Material**  
[Clear polycarbonate UL 94V-0](#)

**Compliance**  
[RoHS, REACH](#)

Front panel mount light pipe with crushable ribs that eases installation, and enables unlimited flush panel design opportunities. Optional retainer for high-vibration environments.

LPCR Series is designed to work with mass-produced product, and is offered in a wide range of length which simplifies the PCB positioning in relation to the display panel.

Fresnel lens that provides excellent light focus, with a wide viewing angle at 160 degrees, reduced shadowing and glare.

No physical connection between light pipe and LED (SMT or through hole) provides versatility for assembly.

## Product Specification

- Press Fit, Low Profile Vertical Rigid Light Pipe
- Fits panel hole diameter 0.171" (4.34mm)
- Crushable ribs for easy installation
- Round fresnel lens
- Wide viewing angle 160 degrees
- Available in standard lengths ranging from 0.125" (3.2mm) to 1.000" (25.4mm)
- Made of optical grade polycarbonate UL 94V-0 clear material
- Optional retainer (RTN\_150, RTN\_250) for high vibration environments (secure and uniform placement of the light pipe to the panel)
- Compliant with RoHS and REACH requirements

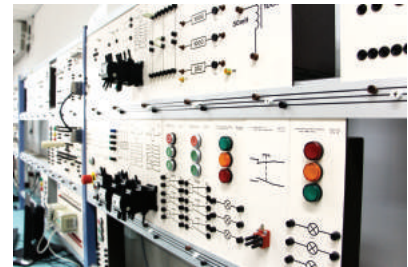
## Application



Data Center



Studio Control



Industrial



Communication



Medical

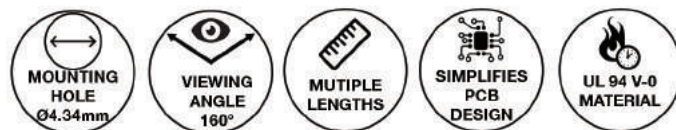


Security

## Part Number

### LPCR Series

Part Number	Dia.	Length
LPCR012CTP	4.34mm	0.125" (3.2mm)
LPCR025CTP	4.34mm	0.250" (6.4mm)
LPCR035CTP	4.34mm	0.350" (8.9mm)
LPCR037CTP	4.34mm	0.375" (9.5mm)
LPCR050CTP	4.34mm	0.500" (12.7mm)
LPCR063CTP	4.34mm	0.625" (15.9mm)
LPCR075CTP	4.34mm	0.750" (19.0mm)
LPCR100CTP	4.34mm	1.000" (25.4mm)



### Optional Retainer



RTN\_250



RTN\_150

When your equipment demands accurate recognition regardless of external conditions

Start a conversation with one of our Technical Engineers today