## LPCR Series 0.171" (4.34mm) Press Fit, Low Profile, Fresnel Lens Vertical Rigid Light Pipe

LPCR Series litepipe ${ }^{\text {TM }}$ features fresnel lens round surface for super wide viewing angle at 160 degrees


## Applications

- audio/video
- communication
- dark room equipment
- electrical panels
- entertainment
- industrial
- medical
- IoT
- security
- studio control
- 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 160 degrees
- fresnel lens provides more uniform brightness
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 "
- custom lengths available
- RTN_150 and RTN_250 retainers provide a reliable solution for high-vibration environments (optional)


## Dimensions



## Product Specifications

| Material |
| :---: |
| Polycarbonate, clear, UL 94-V0 |


| Recommended Installation Specifications |  |
| :--- | :--- |
| mounting hole | $0.171^{\prime \prime}+0.002^{\prime \prime}(4.34 \mathrm{~mm}+0.05 \mathrm{~mm})$ |
| panel thickness | $0.040 "(1.02 \mathrm{~mm})$ to $0.093^{\prime \prime}(2.36 \mathrm{~mm})$ |

Recommendation: Maximum (clearance) between LED and light pipe: - 0.050" [1.3mm]

## Ordering Data and Optional Accessory



Retainers for Light Pipe (order separately):

- recommended for high vibration applications
- secure and uniform placement of the light pipe to the panel
- field-proven design

RTN_150
Length from 0.250 " to $0.500^{\prime \prime}$
Grommet for LPCR Series Light Pipe


RTN_250
Length from 0.500 " to 1.000 "
Spring retainer for LPCR Series Light Pipe


## Compliances and Approvals

RǒHS
COMPLIANT

