

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

LPCR Series litepipe™ 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

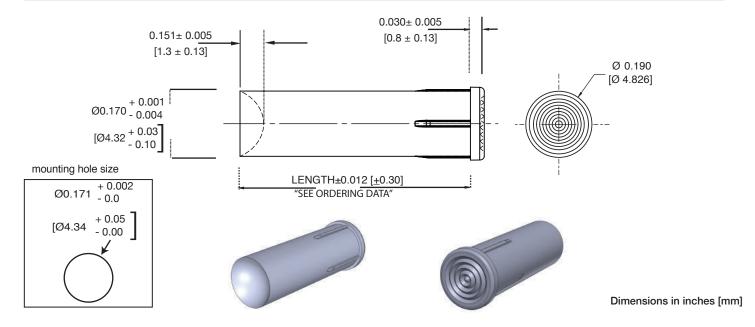
- security
- studio control
- transportation

# **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**



your first call for illuminated components

www.vcclite.com

1.800.522.5546 10/17 Rev 1

# **Product Specifications**

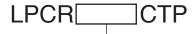
Material
Polycarbonate, clear, UL 94-V0

Recommended Installation Specifications		
mounting hole	0.171" + 0.002" (4.34mm + 0.05mm)	
panel thickness	0.040" (1.02mm) to 0.093"(2.36mm)	

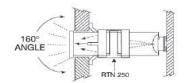
Recommendation: Maximum (clearance) between LED and light pipe:

• 0.050" [1.3mm]

# **Ordering Data and Optional Accessory**



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



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" 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**



