LFC Series 5mm
Press Fit, Low Profile
Diffused Rigid Light Pipe

LFC Series litepipe™ features diffused round 5mm surface for super wide viewing angle at 120 degrees

**Applications**

- audio/video
- communication
- darkroom 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 120 degrees
- frosted surface diffuses light and provides uniform brightness and a soft glow
- 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
- RTN125 retainer provides a reliable solution for high-vibration environments (optional)

**Dimensions**

Dimensions in inches [mm]
Product Specifications

<table>
<thead>
<tr>
<th>Material</th>
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<tbody>
<tr>
<td>Polycarbonate, clear, UL 94-V0</td>
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<table>
<thead>
<tr>
<th>Installation Specification</th>
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<tr>
<td>mounting hole</td>
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<tr>
<td>panel thickness</td>
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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

Ordering Data and Optional Accessory

LFC CTP

<table>
<thead>
<tr>
<th>Length</th>
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<tr>
<td>012 0.125” (3.2mm)</td>
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<tr>
<td>025 0.250” (6.4mm)</td>
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<tr>
<td>035 0.350” (8.9mm)</td>
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<tr>
<td>037 0.375” (9.5mm)</td>
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<tr>
<td>050 0.500” (12.7mm)</td>
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<tr>
<td>063 0.625” (15.9mm)</td>
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<td>075 0.750” (19.0mm)</td>
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<td>100 1.000” (25.4mm)</td>
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Retainer for LFC Series 5mm Light Pipe (order separately)
Ordering Number: RTN125
- recommended for high vibration applications
- secure and uniform placement of the light pipe to the panel
- field-proven design

Please see datasheet RTN125 for more details

Compliances and Approvals