

## PANEL MOUNT LINEAR LIGHT PIPES

### LMC SERIES



2.5mm / 0.10"  
Fresnel  
160° View Angle  
Low Profile

### LFB SERIES



3.0mm / 0.12"  
Diffused Lens  
Press-fit  
120° View Angle  
Low Profile

### LSV SERIES



3.0mm / 0.12"  
Fits SMB\_200 &  
SMQ\_250 lens  
180° View Angle  
Low Profile

### LPC SERIES



4.3mm / 0.17"  
Fresnel  
160° View Angle  
Low Profile

### LPCR SERIES



4.3mm / 0.17"  
Fresnel  
Press-fit  
160° View Angle  
Low Profile

### LCV SERIES



5.0mm / 0.20"  
Fits CLB\_300 &  
SQB\_400 lens  
180° View Angle  
Low Profile

### LFC SERIES



5.0mm / 0.20"  
Diffused Lens  
Press-fit  
120° View Angle  
Low Profile

## ☂ PANEL MOUNT MOISTURE SEALED LINEAR LIGHT PIPES

### LSS SERIES



3.0mm / 0.12"  
180° View Angle  
w/Retainer Ring  
Low Profile  
Sealed Light Pipe

### LMS SERIES



5.0mm / 0.20"  
180° View Angle  
w/Retainer Ring  
Low Profile  
Sealed Light Pipe

### LCS SERIES



8.0mm / 0.31"  
180° View Angle  
w/Lockwasher &  
Retainer Nut  
Threaded Moisture  
Sealed Light Pipe

## BOARD MOUNT LINEAR LIGHT PIPES

### LPCM SERIES



4.40mm / 0.173"  
Board Mount  
No-bleed Light Pipe  
Low Profile  
Fresnel  
Fits SMD\_4 Mount

### 7511 SERIES



3.81mm / 0.150"  
Board Mount  
Single Position  
Rigid Linear Light Pipe  
Clear UL 94-V0

## PANEL MOUNT FLEXIBLE LIGHT PIPES

### FLX3 SERIES



3.0mm / 0.12"  
Fiber Optic  
Fits SMB\_200,  
SML\_190 &  
SMQ\_250 Lens

### FLX SERIES



5.0mm / 0.20"  
Fiber Optic  
Fits CLF\_280,  
CLB\_300, CLR\_301  
& SQB\_400 Lens

### 7512F SERIES



4.8mm / 0.19"  
Fiber Optic  
Low Profile  
Wide View Angle

## BOARD MOUNT RIGHT ANGLE LIGHT PIPES

Wide Range of 1-position, 2-position, and 3-position



7511B12-B



7511A85



7511C2



7513D2-L



7511G2C



7511F2



7512D2



7511A62



7511A62V0



7511B11

## ☂ MOISTURE-SEALED FLEXIBLE LIGHT PIPES

### FLX\_322 SERIES



7.1mm / 0.28"  
Fiber Optic  
w/Fresnel Lens,  
Seal & Retainer Ring

### FLX\_44X SERIES



7.9mm / 0.31"  
Fiber Optic  
w/Lens, Threaded Seal,  
Lockwasher & Retainer Ring

### FLXR SERIES



10.1mm / 0.40"  
Fiber Optic  
NEMA4 Threaded w/Seal,  
Lockwasher & Retainer Ring

## Panel Mount Linear Light Pipes

### LMC SERIES



#### 2.5mm Rigid Light Pipe

- Low profile fresnel rigid light pipe
- Increases the apparent brightness and viewing angle of the LED
- Uniform brightness
- Transmits the light from the source to the lens
- Light pipe is secured to the display panel
- 160° viewing angle
- Supports surface mount, 3mm, 5mm standard LED packages
- Fits 0.102" (2.5mm) panel mounting hole
- Enables flush panel design opportunities
- Available lengths from 0.100" to 1.200"
- Clear optical acrylic UL94-HB
- RoHS Compliant

### LFB SERIES



#### 3mm Press Fit Light Pipe

- Diffused rigid light pipe
- Low profile press fit diffused light pipe
- Crushable ribs simplify installation
- Uniform brightness
- Frosted surface provides a soft glow
- 120° viewing angle
- Works with through hole and SMD LEDs
- Fits 0.116" (3mm) panel mounting hole
- Enables flush panel design opportunities
- Available lengths from 0.125" to 1.000"
- Clear polycarbonate UL 94-V0
- Vibration resistant with optional retainer ring
- RoHS Compliant

### LSV SERIES



#### 3mm Rigid Light Pipe

- Light pipe mates with different VCC lens model
- Light pipe snaps into lens locking tabs
- Lens mounts light pipe securely to the display panel
- 180° viewing angle
- Fits 0.171" (4.3mm) panel mounting hole
- Available lengths from 0.200" to 1.200"
- Clear optical acrylic UL94-HB
- Optional color lens and shape available
- Vibration resistant with optional retainer ring
- RoHS Compliant

### LPC SERIES



#### 4.3mm Low Profile Fresnel Light Pipe

- Low profile fresnel light pipe
- Supports vertical and horizontal PCB LEDs
- Unique near flush design
- Uniform brightness
- Rigid light pipe
- Light pipe is secured to the display panel
- Works with through hole and SMD LEDs
- Fits 0.171" (4.3mm) panel mounting hole
- 160° viewing angle
- Available lengths from 0.110" to 2.000"
- Capable of blending multicolor LED light into a single color
- Clear optical acrylic UL94-HB
- Vibration resistant with retainer ring
- RoHS Compliant

## Panel Mount Linear Light Pipes

### LPCR SERIES



#### 4.3mm Low Profile Press Fit Fresnel Light Pipe

- Crushable ribs simplify installation
- Light pipe is secured to the display panel
- Unique near flush design
- Rigid light pipe
- 160° viewing angle
- Works with through hole and SMD LEDs
- Fits 0.171" (4.3mm) panel mounting hole
- Available lengths from 0.125" to 1.000"
- Clear polycarbonate UL 94-V0
- Vibration resistant with optional retainer ring
- RoHS Compliant

### LCV SERIES



#### 5mm Rigid Light Pipe

- Light pipe mates with different VCC lens model
- Lens mounts light pipe securely to the display panel
- Lightpipe snaps into lens locking tabs
- 180° viewing angle
- Fits 0.250" (6.35 mm) panel mounting hole
- Available lengths from 0.360" to 1.360"
- Clear optical acrylic UL94-HB
- 180° viewing angle
- Optional color lens and shape available
- Vibration resistant with optional retainer ring
- RoHS compliant

### LFC SERIES



#### 5mm Rigid Light Pipe

- Diffused rigid light pipe
- For use with surface-mount or through-hole LEDs
- Optical grade polycarbonate for maximum light transmission
- Low profile, flush panel design
- 120° viewing angle
- Available lengths from 0.125" to 1.000"
- No physical connection between light pipe and LED provides versatility for assembly
- Custom lengths available
- RoHS compliant

## Board Mount Linear Light Pipes

### LPCM SERIES



#### No-Bleed Board Mount Light Pipe

- Low profile, panel flush design
- Reduces shadowing and glare
- Mates to any PCB using SMD\_4 mount
- Uniform brightness and maximum light transmission
- For use with surface mount LEDs
- Fits 0.173" (4.4mm) panel mounting hole
- Enables flush panel design opportunities
- Available lengths from 0.300" to 1.00"
- Clear optical grade Acrylic 94-HB
- RoHS Compliant

### 7511 SERIES



#### Board Mount Rigid Light Pipe

- Board mount
- Single position
- Fits 0.150" panel mounting hole
- Light pipe length: 0.400"
- Light pipe angle: Linear
- For use with surface mount LEDs
- Clear polycarbonate UL 94-V0
- RoHS Compliant

Panel Mount Moisture Sealed Linear Light Pipes

**LSS SERIES**



**3mm Light Pipe with Moisture Sealed Lens**

- Transmit the light from the PCB mounted LEDs to the front display panel
- Low profile, wide viewing angle, and moisture sealed lens
- Increases the apparent brightness and viewing angle of the LED
- 180° viewing angle
- Supports surface mount, 3mm and 5mm standard LED packages
- Fits 0.171" (4.34mm) panel mounting hole
- Retainer ring are supplied for easy assembly
- Available lengths from 0.330" to 1.33"
- Different lens colors available
- Light pipe: Clear optical acrylic UL94-HB
- Lens: Polycarbonate UL 94-V2
- Seal: EPDM
- Meets NEMA 4, IP56 standards
- RoHS Compliant

**LMS SERIES**



**5mm Light Pipe with Moisture Sealed Lens**

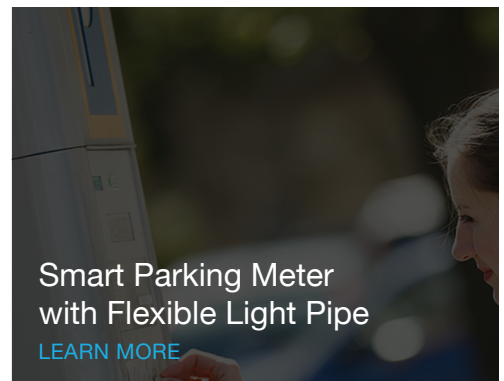
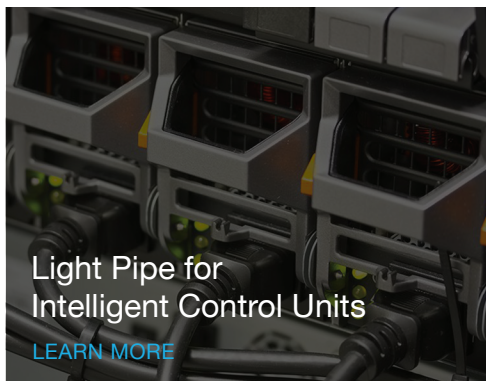
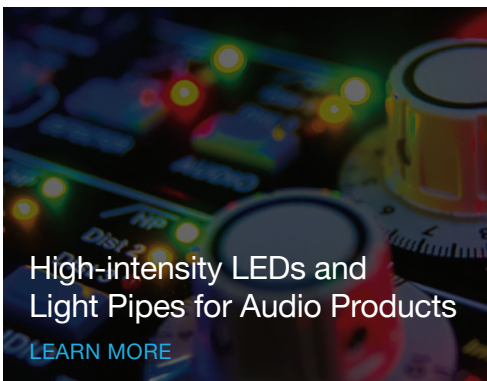
- Transmits the light from the PCB mounted LEDs to the front display panel
- Low profile, wide viewing angle, and moisture sealed lens
- Increases the apparent brightness and viewing angle of the LED
- 180° viewing angle
- Supports surface mount, 3mm and 5mm standard LED packages
- Fits 0.281" (7.14mm) panel mounting hole
- Retainer ring are supplied for easy assembly
- Available lengths from 0.330" to 1.33"
- Different lens colors available
- Light pipe: Clear optical acrylic UL94-HB
- Lens: Polycarbonate UL 94-V2
- Seal: EPDM
- Meets NEMA 4, IP56 standards
- RoHS Compliant

**LCS SERIES**



**8mm Light Pipe with Moisture Sealed Lens**

- Increases the apparent brightness and viewing angle of the LED
- Transmits the light from the PCB mounted LEDs to the front display panel
- Light pipe fits into lens
- Lens mounts securely to the display panel with lockwasher
- 180° viewing angle
- Supports surface mount, 3mm and 5mm standard LED packages
- Fits 5/16" (8mm) panel mounting hole
- Available lengths from 0.320" to 1.77"
- Different lens colors available
- No physical connection between the light pipe and the LED
- Light pipe: Clear optical acrylic UL94-HB
- Lens: Polycarbonate UL 94-V2
- Seal: EPDM
- Meets NEMA 6P / IP67 standards
- RoHS Compliant



**Panel Mount Flexible Light Pipes**
**FLX3 SERIES**

**3mm Flexible Light Pipe**

- Flexible panel board mount light pipe
- Fiber optic with optical grade acrylic lens
- Works with through hole and SMD LEDs
- Fits 0.171" (4.34mm) panel mounting hole
- Variations of board mounting available
- Optional color lens and shape available
- Available lengths from 2.0" to 12.0"
- Vibration resistant with optional retainer ring
- RoHS compliant

**FLX SERIES**

**5mm Flexible Light Pipe**

- Flexible panel board mount light pipe
- Fiber optic with optical grade acrylic lens
- Works with through hole and SMD LEDs
- Fits 0.250" (6.35 mm) panel mounting hole
- Variations of board mounting available
- Optional color lens and shape available
- Available lengths from 2.0" to 12.0"
- Vibration resistant with optional retainer ring
- RoHS compliant

**7512F SERIES**

**Flexible Board Mount Light Pipe**

- Press fit
- Flexible optical light pipe
- Fits CMDA19 LED Series
- Fits 0.187" (4.75mm) panel mounting hole
- ESD protection from circuitry
- Wide viewing angle
- IP65 rated
- Water clear optics for variety of LED colors
- Light pipe: Clear polycarbonate UL 94-V0
- RoHS compliant

**Moisture Sealed Flexible Light Pipes**
**FLX\_322 SERIES**

**Moisture Seal Flexible Light Pipe**

- Transmitting light from a PCB mounted LED to front panel
- Offers wide design capabilities
- Fiber optic with optical grade acrylic lens
- Works with through hole and SMD LEDs
- Fits 9/32" (7.12mm) panel mounting hole
- ESD protection from circuitry
- Available length 4.0"
- Clear lens color
- Meets NEMA 4, IP56 standards
- RoHS compliant

**FLX\_44X SERIES**

**Threaded Moisture Seal Flexible Light Pipe**

- Transmitting light from a PCB mounted LED to front panel
- Offers wide design capabilities
- Fiber optic with optical grade acrylic lens
- Works with through hole and SMD LEDs
- Fits 5/16" (7.97mm) panel mounting hole
- ESD protection device
- Available lengths from 4.0" to 12.0"
- Different fresnel lens colors available
- RoHS compliant

**FLXR SERIES**

**Threaded Moisture Seal Flexible Light Pipe**

- Designed for harsh and outdoor environments
- Ruggedized flexible light pipe
- Anti-vandal low profile light pipe
- Resistant to shock and vibration
- Wide viewing angle
- Fits 0.400" (10.1mm) panel mounting hole
- Clear or black anodized finish
- ESD protection
- RoHS compliant



Board Mount Right Angle Light Pipes

**7511B12-B**



**7511A85**



**7511C2**



**7513D2-L**



**7511G2C**



**7511F2**



**7512D2**



**7511A62**



**7511A62V0**



**7511B11**



**Board Mount Right Angle Light Pipes**

- Wide range of 1 Position, 2 Position, and 3 Position
- Rigid light pipe
- Light pipe is secured to the board
- Maximum light transmission
- Transmit light from PCB mounted LED to the front display panel

Have a Project That Needs a Light Pipe?

Let us help you find or create the perfect illuminated solution