VCC™

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

VBL SERIES

3.0mm / 0.118"
Press-Fit Vertical
Board Mount Light Pipe
Flat or Domed Top

7511 SERIES

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

LPCM SERIES

4.40mm / 0.173"
Board Mount
No-bleed Light Pipe
Low Profile
Fresnel
Fits SMD_4 Mount

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

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

BOARD MOUNT RIGHT ANGLE LIGHT PIPES

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

7511A85   7513D2-L   7512D2

7511A62   7511B11

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

VBL SERIES

Press-Fit Board Mount Light Pipe
- Ø 0.118'' (3.0mm) light pipe
- Lengths from 0.20'' to 1.000''
- 3mm round lens with either a domed or flat face
- For use with surface mount LEDs
- Clear polycarbonate UL 94-V0
- Viewing angle: Flat 80°, Dome 20°
- Protects LED from ESD
- RoHS Compliant

LPCM SERIES

No-Bleed Board Mount Light Pipe
- Low profile, panel flush design
- Mates to any PCB using SMD_4 mount
- 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
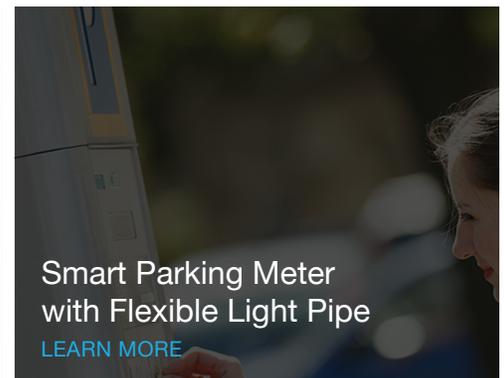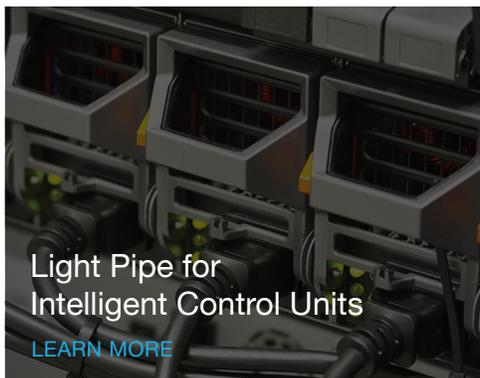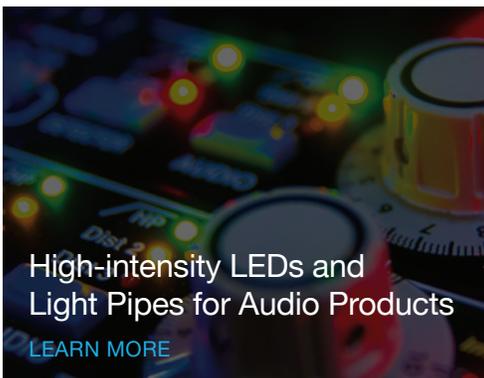

5mm Light Pipe with Moisture Sealed Lens

- 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

High-intensity LEDs and Light Pipes for Audio Products
LEARN MORE

Light Pipe for Intelligent Control Units
LEARN MORE

Smart Parking Meter with Flexible Light Pipe
LEARN MORE

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

7511A85

7513D2-L

7512D2

7511A62

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