

CL IPLITE®

VISUAL COMMUNICATIONS COMPANY, INC.

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LITEPIPES FOR SURFACE MOUNT LEDs



U.S. & Foreign Pat. Pend.

SPECIFICATIONS

MATERIAL: Litepipe - Acrylic, optical grade, (Clear).
Grommet - Polyethylene, (black).
Spring Clip - Spring Steel (nickel plate).

MOUNTING: Panel hole: round .171" Dia.(4.34mm).
square .180" X .180" (4.57 X 4.57mm).
rectangular .170" X .250" (4.34 X 6.35mm).
Litepipes from .200" to .500" use grommet retainer.
Litepipes from .500" to 2.00" the spring clip is recommended for rigidity.

LED: Surface mount, vertical and horizontal LEDs.
Litepipes for blending multicolor LEDs are available on special request.

ORDERING CODES

MODEL	LPC	XXX	CTP	COLOR
LPC (Round)				CTP CLEAR
LPS (Square)				
LPR (Rectangular)				
RTN 150 (GROMMET)				
RTN 250 (SPRING CLIP)				
	Equals length in inches (Min. 020 = .200" / Max. 200 = 2.0")			
	020	038	056	074
	022	040	058	076
	024	042	060	078
	026	044	062	080
	028	046	064	082
	030	048	066	084
	032	050	068	086
	034	052	070	088
	036	054	072	090
				112
				135
				157
				180
				182
				185
				187
				190
				192
				195
				197
				200

NOTE:
Round - .200" to 2.0"
Square - .300" to 2.0"
Rectangular -
.300" to 2.0"
Nonstandard lengths
available on request.

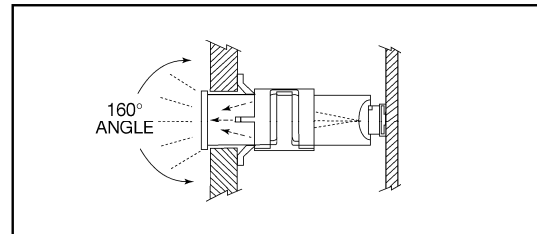
APPLICATION - CL IPLITE litepipes provide a method of transmitting the light of a surface mount LED to the display panel. Both vertical and horizontal PCB surface mount LEDs can be displayed in this manner. The litepipe is also capable of blending multicolor LED light into a single color.

INTENSITY - CL IPLITE litepipes have a unique near flush design and are still able to provide up to 160 degrees of viewing angle. This light output is achieved by the use of a concave shaped receiving surface which collects the LEDs light, and fresnel rings on the opposite surface that disperse the light.

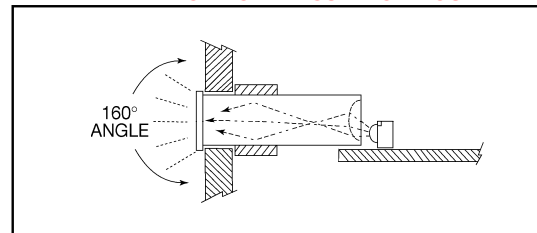
VERSATILITY - CL IPLITE litepipes are available in .020" increments from .200" to 2.0". This wide range of lengths simplifies the PCB positioning in relation to the display panel. Litepipes are secured directly to the display panel with no mechanical attachment to the PCB. The installation and removal of the circuit board can thus be accomplished without disturbing the display panel.

INSTALLATION - CL IPLITE litepipes are easy to install. Slide the litepipe thru the panel opening and slip the retainer in place. Finish the installation by pressing the retainer up against the display panel.

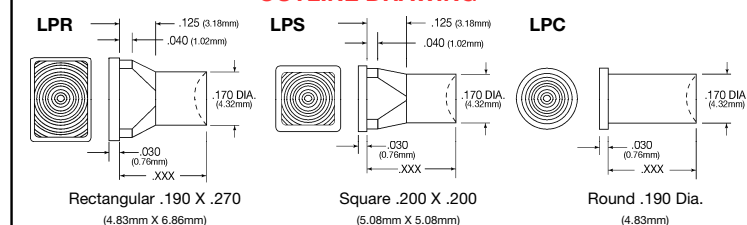
LITEPIPE WITH VERTICAL SURFACE MOUNT LED



LITEPIPE WITH HORIZONTAL SURFACE MOUNT LED



OUTLINE DRAWING



MOUNTING COMPONENTS

