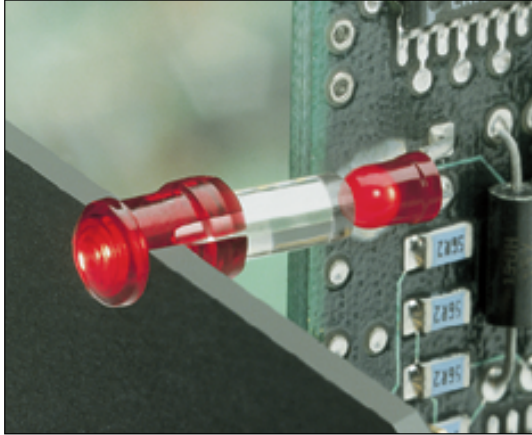


CLIPLITE®

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LITEPIPES & PANEL LENSES FOR PCB MOUNTED LEDs



U.S. & Foreign Pat. Pend.

SPECIFICATIONS

MATERIAL: Litepipe - Acrylic (Optical grade)
Lens - Polycarbonate; Ring - Polypropylene
(U.L. Listed Material).

DESIGN: LITEPIPE (3mm and 5mm) with annular ring and locking tab engages into the annular groove of VCC's low profile lens. Lens mounts the litepipe securely to the display panel and provides 180 degrees of viewing angle.

MOUNTING: LITEPIPE 3mm - Mates with VCC's lenses model SMB 200 and SMQ 250. Panel mounting hole .171 (4.3mm) on 1/4" centers. Panel thickness 1/32" to 1/8". Litepipe lengths from .200" to 1.200".

LITEPIPE 5mm - Mates with VCC's lens model CLB 300 and SQB 400. Panel mounting hole .250 (6.35mm) on 3/8" centers. Panel thickness 1/32" to 1/4". Litepipe lengths from .360" to 1.360". For panels less than 3/16" use SPC 125 spacer.

LENS RETAINING RING - available for added security (RNG 190, 3mm & RNG 268, 5mm).

STANDOFF: Use VCC's standoff to adjust the height of a standard LED above the PCB and maintain a maximum .050" clearance between litepipe and LED. See VCC's STD Series data sheet.

ORDERING CODE: LITEPIPE

MODEL	LSV XXX CTP	COLOR
LSV (3mm), LCV (5mm)		CTP CLEAR
PRODUCT CODE		
LSV - CODE LENGTH (inches)	LCV - CODE LENGTH (inches)	
020 (.200") 040 (.400") 060 (.600")	036 (.360") 056 (.560") 076 (.760")	
080 (.800") 100 (1.00") 120 (1.20")	096 (.960") 116 (1.16") 136 (1.36")	

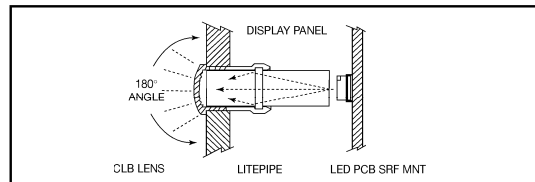
VERSATILITY - CLIPLITE litepipe and lens easily provide a method of transmitting the light from PCB mounted LEDs to the front display panel. Both styles of LEDs, surface mount and standard packages, can be displayed in this manner.

BRIGHTNESS - CLIPLITE litepipe by itself has a limited angle of view. However, when used with VCC's fresnel lens the light is dispersed over the entire lens surface producing 180 degrees of viewing.

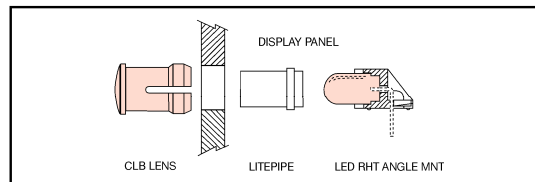
APPLICATION - CLIPLITE litepipes and lenses are available for use with both surface mount and standard packaged LEDs in 3mm and 5mm configurations. Because there is no physical connection between the litepipe and the PCB mounted LED, the circuit board can be installed or removed without disturbing the panel display.

INSTALLATION - CLIPLITE litepipe and lens are easy to install. Insert the lens thru the panel opening and snap the litepipe into the lens. For added security in harsh environments, a retaining ring is available.

LITEPIPE & SURFACE MOUNT LEDs



LITEPIPE & RIGHT ANGLE LEDs



ORDERING CODE: LENS

MODEL	CLB 300	RTP	COLOR
SMB 200 (RND 3mm)		RTP	Red Transparent
SMQ 250 (SQ 3mm)		ATP	Amber Transparent
CLB 300 (RND 5mm)		GTP	Green Transparent
SQB 400 (SQ 5mm)		BTP	Blue Transparent
SPC 125 (Spacer for CLB 300 & SQB 400)		YTP	Yellow Transparent
		CTP	Clear Transparent

