

Light Pipes — Product Availability

Dimensions, lens types, and series at a glance

VCC's rigid and flexible light pipes deliver **excellent optical appearance and easy installation** across the simplest to the most complex designs. They are offered in a broad range of **diameters, lengths, and lens finishes**, so you can match the exact viewing angle and packaging your application requires.

Use the ranges below as a starting point custom dimensions and finishes are available when a standard part doesn't fit.

Diameter × length

TYPE	DIAMETER Ø	LENGTH
Rigid light pipes	2.5 mm – 8 mm	0.125" – 2.5"
Flexible light pipes	3 mm – 5 mm	2" – 12"

Lens types

LENS	SERIES	BEST FOR
Dome	LCS	Widest viewing angle
Semi-dome	LFB	Soft glow when less illumination is needed
Flat	LPCR	Best 1:1 light transmission

Tip: Choose dome for the broadest off-axis visibility, flat for the most faithful point-to-point transmission, and semi-dome for a softened, diffused indication.

Featured VCC light pipe series

LFB 3 MM PRESS FIT	LPC 4 MM LOW PROFILE	LFC 5 MM PRESS FIT
• 0.116" (3 mm) panel mounting hole • Diffused rigid; frosted soft-glow surface • Crushable ribs simplify install • 120° viewing angle • Works with through-hole & SMD LEDs • Lengths 0.125" – 1.000" • Clear polycarbonate UL 94-V0 · RoHS	• 0.171" (4.3 mm) panel mounting hole • Low-profile Fresnel, near-flush design • With or without crushable ribs • 160° viewing angle • Works with through-hole & SMD LEDs • Lengths 0.200" – 2.000" • Clear acrylic optical grade · RoHS	• 0.156" (4 mm) panel mounting hole • Diffused rigid; frosted soft-glow surface • Crushable ribs simplify install • 120° viewing angle • Works with through-hole & SMD LEDs • Lengths 0.125" – 1.000" • Clear polycarbonate UL 94-V0 · RoHS