

Emitting a radiant illuminance at the end of the fiber strand, BL fiberOPTIC Endlight transmits light through the solid core fiber, which is protected in a flexible black PVC jacketing, and easily integrates with optional BL fiberOPTIC End Fittings for a professional, polished finish. The fiber is resistant to heat, weather, and vibration, and is perfect for creating custom luminaires, spot, display, and museum lighting. Completely free of heat and electrical components, light is transmitted into one end of the fiber from a separate BL fiberSOURCE illuminator, offering a safe solution for challenging indoor or outdoor environments.

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Product Detail



Lighting	Diameters	120 (1/8" - 3.2mm)
		150 (13/64" - 5.0mm)
		250 (19/64" - 7.4mm)
		375 (27/64" - 10.6mm)
		500 (37/64" - 14.5mm)
	Acceptance Angle	45°
	Output Angle	40° Half Angle
	Attenuation	0.8 dB/m (0.24 dB/ft)
	Avg Life	15 Years
	Spectral Transmission	380 - 750 nm Visible Spectrum
Mechanical	Range Refractive Index	1.49
	Numerical Aperture	0.65
	Material	PMMA
	Sheath	PVC Jacketing, Black Requires UV Protection for Outdoor Use
	Fire Rating	UL 224-VW1
	Operating Temperature	-40°F to 212°F (-40°C to 100°C)
	Environmental	IP68
	Bend Radius	8X Diameter Size
Mounting	UV Channel, Non-UV Channel, P-Clip	

Ordering

Product Code	Fiber Size
BL fiberOPTIC EL	
	120 (1/8" - 3.2mm)
	150 (13/64" - 5.0mm)
	250 (19/64" - 7.4mm)
	375 (27/64" - 10.6mm)
	500 (37/64" - 14.5mm)

Dimensions

