

ACRYLITE® EndLighten Acrylic Rod

Shape your creative brilliance!

ACRYLITE® EndLighten Acrylic Rod has unique light conducting properties that distribute light evenly throughout the entire rod surface. As light enters from the end, embedded colorless diffuser particles scatter the light forward and exit the surface at low angles resulting in uniformly bright illumination.

Suitable for many purposes, ACRYLITE EndLighten Rod will bring dazzling light intensity to your next project.

Features & Benefits:

- Two grades available for maximum illumination
- Even light dispersion
- Easily thermoformed
- 10 year warranty

Applications:

- Lighting fixtures
- Illuminated handrails
- P-O-P/Store fixtures
- Exhibit applications

Standard Product Offering: ACRYLITE EndLighten Rod

Grade	Outer Diameter	Recommended lamp spacing for illumination on both ends
0N001 L	.787" (20 mm)	Up to 24" (600 mm)
	1.57" (40 mm)	Up to 20" (500 mm)
0N002 XL	.787" (20 mm)	24" - 51" (600 - 1300 mm)
	1.57" (40 mm)	20" - 43" (500 - 1100 mm)

ACRYLITE EndLighten Rod is available in 2000 mm (78.7") length. Based on a minimum order quantity, ACRYLITE EndLighten Rod can be purchased in the same diameters as standard ACRYLITE Rod.



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Fabrication

ACRYLITE EndLighten Rod can be machined using the same methods as standard extruded acrylic rod. Diamond milling or flame polishing the rough end will reduce loss of light upon entry by as much as 6% compared to a sawed edge. It is possible to matte the surface of ACRYLITE EndLighten Rod through sandblasting or matte lacquer. However, this can lead to irregular lighting and decrease the luminance as the rough surface disperses the light.

Uniform Illumination

Illuminated by LED lights at one or both ends, ACRYLITE EndLighten Rod disperses light evenly throughout, whereas conventional acrylic rod glow only at one end. Additionally, ACRYLITE EndLighten Rod can be easily formed into shapes and letters without compromising functionality.

Illuminated at one end



20 mm outer diameter ACRYLITE EndLighten Rod illuminated with an LED light (3x1.5 Volt AAA batteries). The opposite end of the rod is laminated with a mirror film to reflect the light.

Formed rod illuminated at one end



20 mm outer diameter ACRYLITE EndLighten Rod illuminated with an RGB LED light (3x1.5 Volt AAA batteries). The opposite end of the rod is laminated with a mirror.

Illuminated at both ends



20 mm outer diameter ACRYLITE EndLighten Rod illuminated with LED lights (3x1.5 Volt AAA batteries).

For further details visit our website at www.cyro.com.

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