

PMMA ESKA® ACRYLIC FIBER

Project:

Type:

Catalog Number: **ESK**

System Component: **Optical Fiber**



- ◆ Star Field Ceilings
- ◆ Shooting Stars
- ◆ Animation
- ◆ Signage
- ◆ Special Effects
- ◆ Curtains

DESCRIPTION: Individual unjacketed ESKA acrylic fibers for endpoint applications are available by the spool ONLY. This low attenuation PMMA fiber is available in six different sizes.



NOTE: Images are not to scale - Refer to next page for dimensions

SPECIFICATIONS:

Transmission Loss (attenuation)	0.5%/Foot
Bend Radius (minimum)	4 Times Fiber Diameter
Temperature Stability	-55° C to 70° C
Spectral Transmission Range	400-680nm at Specified Attenuation
Acceptance Angle	61°
Refractive Index	Core: 1.492 Cladding: 1.402
Numerical Aperture	0.51

LUMENYTE INTERNATIONAL CORPORATION

74 Icon • Foothill Ranch, CA 92610 USA

EMAIL: licinfo@lumenyte.com **WEBSITE:** www.lumenyte.com **TEL:** 949.829.5200 **FAX:** 949.829.5201

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Dimensions: (ALL DIMENSIONS ARE NOMINAL)

Model Number	Unit Sold By	Outer Diameter	
		in	mm
ESK-020	Spool 19,686 feet (6000M)	.02	.51
ESK-030	Spool 9,843 feet (3000M)	.03	.76
ESK-040	Spool 4,921 feet (1500M)	.04	1.0
ESK-060	Spool 2,297 feet (700M)	.06	1.5
ESK-080	Spool 820 feet (250M)	.08	2.0
ESK-120	Spool 492 feet (150M)	.12	3.0

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