

LUMCHANNEL™ FIBER OPTIC LIGHT BAR

Project:

Type:

Catalog Number: **LC-xxx**

System Component: **Fixture**



- ◆ Museums
- ◆ Retail and Jewelry Showcases
- ◆ Cove Lighting
- ◆ Step Risers
- ◆ Shelving Illumination
- ◆ Wall Wash
- ◆ Planter Walls

DESCRIPTION: These durable aluminum channels provide a bright, even linear light delivery. Stranded PMMA fibers offer UV and IR free lighting. Three options of light intensity are available, with fiber spacing options of 1", 1/2" or 1/4". Both standard (1" x 1") and narrow (5/8" x 5/8") extrusions are available. A variety of design effects can be achieved by the addition of a color control system in the illuminator. These low profile channels are available in lengths up to 10 feet (3m) and can be mounted end to end to achieve longer lengths. Fiber tails range up to 30 feet (9m). Channel is available in standard black anodized, clear anodized or white powder coating. Lumenyte recommends a factory assembled harness.

SPECIFICATIONS:

Dimensions	1" x 1" (25.4m x 25.4m) or 5/8" x 5/8" (15.9mm x 15.9mm) by up to 10' (3m) in Length
Channel Material	6061 Aluminum
Finish Options	Anodized or Powder Coated
Fiber size	.75mm
Beam Spread	60°
Tail Jacket Material	UL94V Fire Rated (PVC)
Tail Bend Radius	4 Times Cable Diameter (Minimum)

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

DCN 650076

LUMECANNEL™ FIBER OPTIC LIGHT BAR

Ordering Information

SERIES	CHANNEL LENGTH (Up to 10 feet)	SPACING (Intensity)	TAIL LENGTH (Up to 30 feet)	EXTRUSION	FINISH
LC	____ ft./in.	-1 = 1/4" (High) -2 = 1/2" (Medium) -3 = 1" (Low)	____ ft.	-S 1" x 1" (Standard) -N 5/8" x 5/8" (Narrow)	-B - Black Anodized (standard) -C - Clear Anodized -W - White Powder Coat

EXAMPLE:

LC - 5'6" - 1 - 10' - S - W

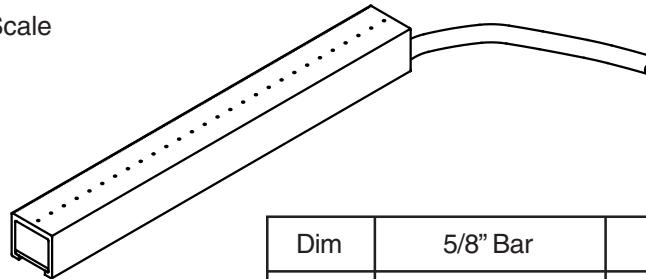
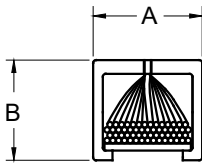
SERIES CHANNEL LENGTH SPACING TAIL LENGTH EXTRUSION FINISH

Note:

Standard Channel 1" x 1"
(up to ten feet for all spacing)

Narrow Channel 5/8" x 5/8"
(up to ten feet for 1" and 1/2" spacing)
(up to six feet for 1/4" spacing)

NOTE: Drawings Not To Scale



Dim	5/8" Bar	1" Bar
A	.79"	1.16"
B	.73"	1.10"

Mounting

Mount with LC-CL LumeChannel Clips which screw into mounting surface. They may be angled to aim LC's beam spread accordingly.

