

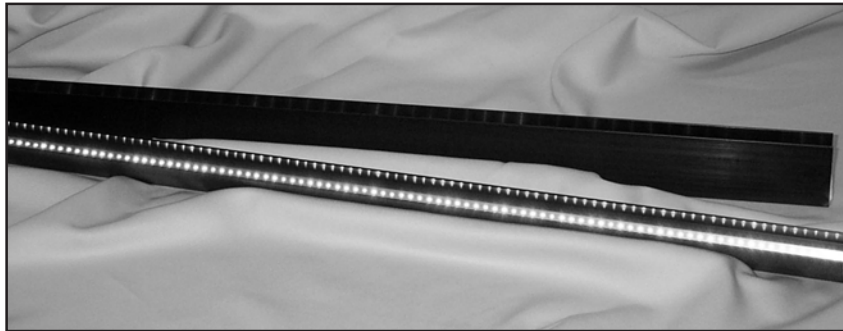
LUMCHANNEL™ FIBER OPTIC LIGHT BAR FRAME

Project:

Type:

Catalog Number: **LCF-xxx**

System Component: **Fixture**



- ◆ Etched Glass
- ◆ Etched Acrylic
- ◆ Etched Polycarbonate

DESCRIPTION: These durable aluminum frames provide a bright, even linear light delivery for edge lighting deeply etched glass and acrylic applications. Custom rubber mounting frames can be adapted to a variety of panel thicknesses. Stranded PMMA fibers installed in the frames 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 frames are available in lengths up to 10 feet (3m) lengths and can be mounted end to end to achieve longer lengths. Fiber tails range up to 30 feet (9m). Frame 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)

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DCN 650075

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Ordering Information

SERIES	FRAME LENGTH	SPACING	TAIL LENGTH	EXTRUSION	FINISH
LCF	(Up to 10 feet) ____ ft./in.	(Intensity) -1 = 1/4" (High) -2 = 1/2" (Medium) -3 = 1" (Low)	(Up to 30 feet) ____ 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:

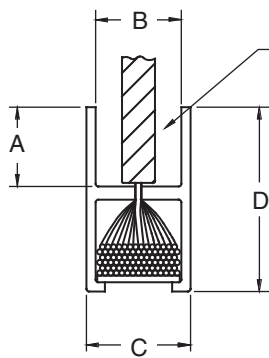
LCF - 7' - 2 - 15' - S - W

SERIES _____
 FRAME LENGTH _____
 SPACING _____
 TAIL LENGTH _____
 EXTRUSION _____
 FINISH _____

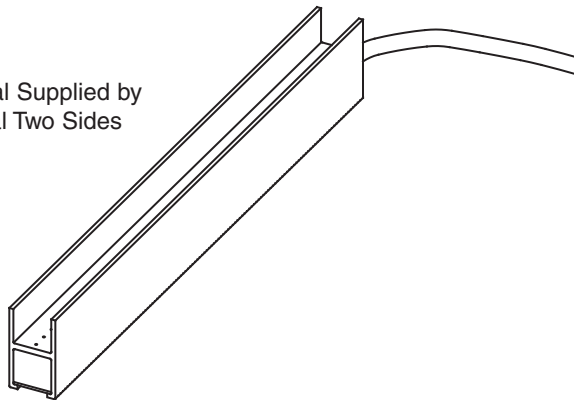
Note:

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

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



Gasket Material Supplied by Others - Typical Two Sides



NOTE: Drawings Not To Scale

Dim	5/8" Frame	1" Frame
A	.60"	.90"
B	.65"	1.02"
C	.79"	1.16"
D	1.40"	2.00"