mCAL Channel | Extruded Aluminum Profile

optic arts
by luminii

Features

The mCAL Channel is a linear aluminum extrusion that has been designed to fit surface mounted cove applications. Multiple reflector options allow for great flexibility and adaptability for any application. Also includes clear cover to avoid any debris from entering the extrusion. Extrusion is field cuttable. Substantial aluminum mass in profile provides excellent heat sink for high power LEDs.

Finish
Paint ready

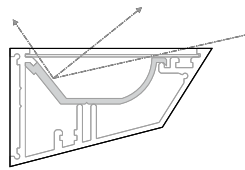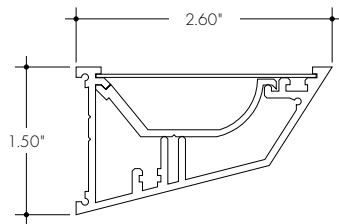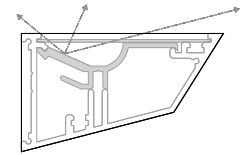**Diffuser Lens**
Polycarbonate, slide-in-place, UV resistant

Warranty
7 Years

Declare.   ★ MADE IN U.S.A

Product Dimensions
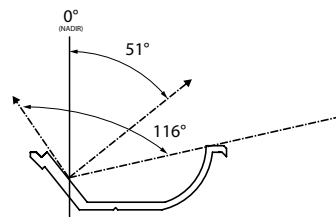
2.60"

1.50"

with Long Reflector,
Clear Cover & End Cap

with Tall Reflector,
Clear Cover & End Cap

TRANSMISSION PERCENTAGE
(COMPARED TO LED TAPE WITHOUT CHANNEL)

LENS	TRANSMISSION %
Clear Lens	91%

See LED tape spec sheet for lens dotting characteristics & compatibility

0° (NADIR)
51°
116°

Long Throw
reflector Channel

0° (NADIR)
24°
141°
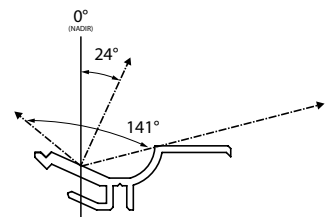
Tall Throw
reflector Channel

Ordering Code

MODEL		LENGTH		REFLECTOR		LENS		FINISH
	-		-		-		-	

MCAL - MCAL Aluminum Extrusion

72 - 72"
144 - 144"[1]

LT - Long Throw
TT - Tall Throw

C - Clear

PR - Paint Ready

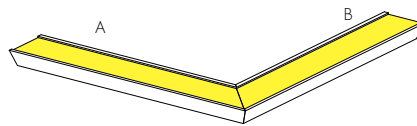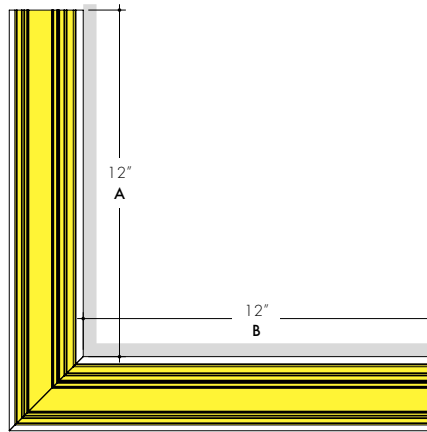1 - For Channels and Lenses over 96", incremental shipping charges will apply.

mCove Channel Corner Options

MCALC-IC-90
Inner Corner

12″
B

12″
A

A   B
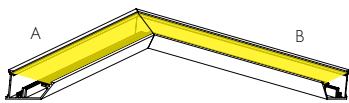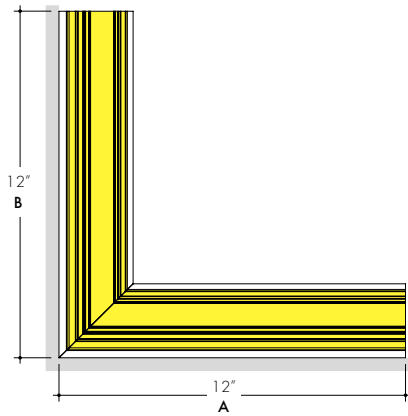
Dimensions measured from the mounting surface side.

MCALC-OC-90
Outside Corner

12″
A

12″
B

A   B

Dimensions measured from the mounting surface side.

Ordering Code

MODEL	CORNER TYPE	CORNER ANGLE[2]	REFLECTOR	LENS	FINISH
	-	-	-	-	-
MCAL-MCove Channel[1] Corner	**IC**-Inner Corner **OC**-Outer Corner	**90**-90°	**LT**-Long Throw **TT**-Tall Throw	**C**-Clear	**PR**-Paint Ready

1 - End Caps are not included with channel, order End Caps as necessary.
2 - Custom Corner angle are available upon request.

Accessories

Accessories sold separately.

mCAL Channel End Caps
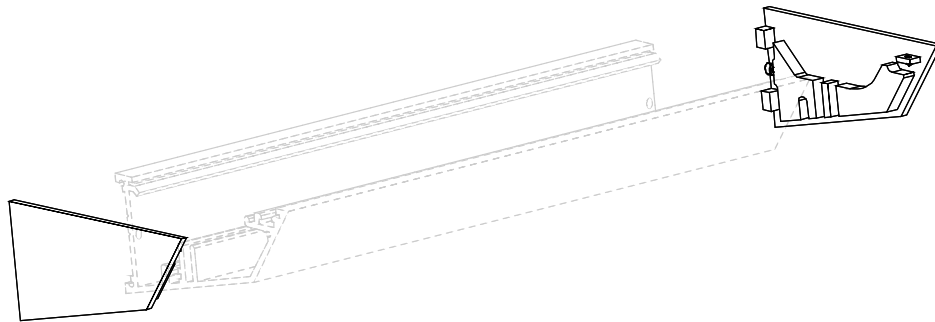
ORDERING CODE

EC-MCAL-LR-PR

EC-MCAL-LR-PR - End Caps - Includes a left and right end cap
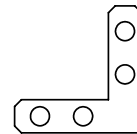
mCAL Channel Straight Joiner

ORDERING CODE

MCAL-SJ

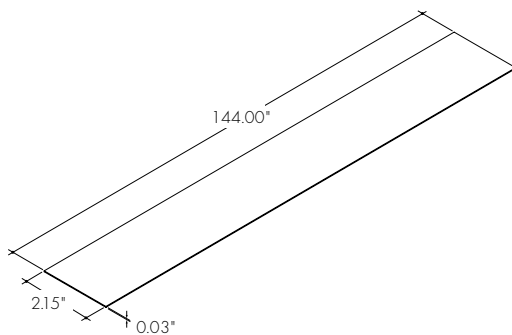MCAL-SJ - Straight Joiner, 1 set of 2 needed per connection

mCAL Channel 90° Joiner

ORDERING CODE

MCAL-90J

MCAL-90J - 90° Joiner, 1 set of 2 needed per connection

mCAL Channel Clear Lens

144.00"

2.15"

0.03"

ORDERING CODE

MCAL-C-144

MCAL-C-144 - Clear Lens, 144"

*Standard included on MCAL order code