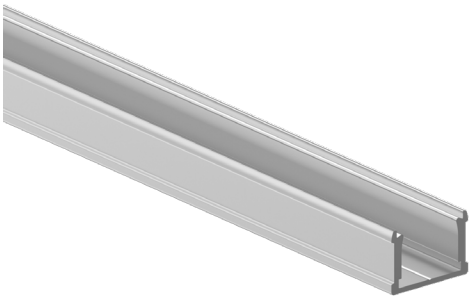
KM Channel | Extruded aluminum profile

optic arts by luminii



Features

The KM Channel linear aluminum extrusion has been designed to fit many LED lighting needs. Multiple mounting and lens options allow for great flexibility and adaptability for any application. Extrusion and diffuser lenses are also field cuttable. Substantial aluminum mass in profile provides excellent heat sink for high power LEDs. Channels come with specified Mounting Clips and End Caps.

Finish
Silver Anodized, White, Black, Bronze

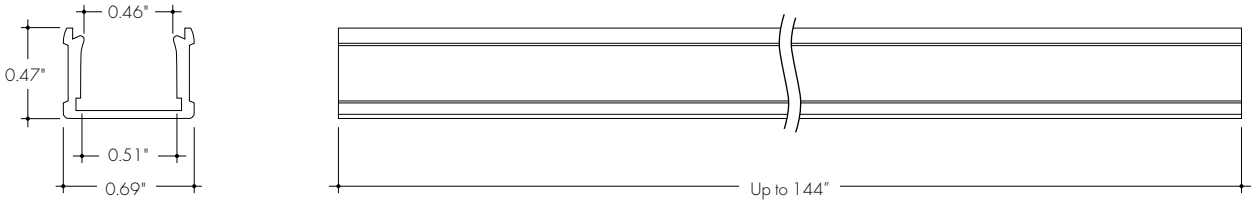
Diffuser Lens
Polycarbonate, snap-in-place, UV resistant

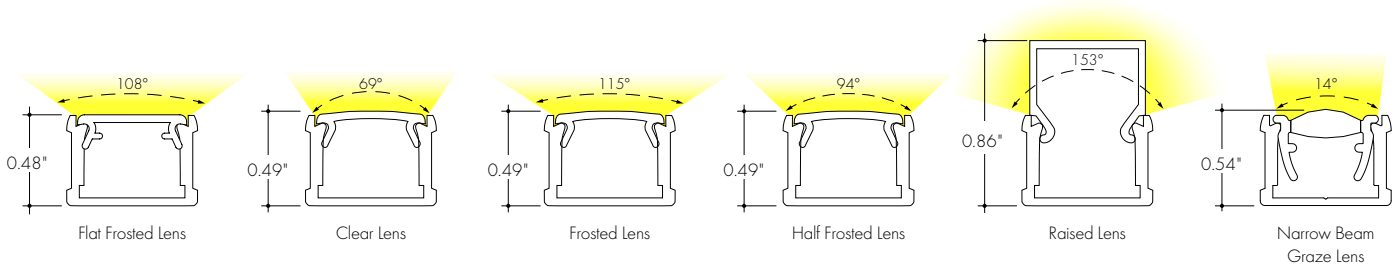
Mounting
Multiple mounting clips

Warranty
7 Years

Declare. MADE IN U.S.A

Product Dimensions





INCLUDED MOUNTING ACCESSORIES

EXTRUSION LENGTH	MOUNTING CLIPS (ALL TYPES)	ENDCAP PAIR
48"	3	1
72"	3	1
96"	4	1
120"	4	1
144"	5	1

Each pair of endcaps includes 1x H3 (no wire feed hole) and 1x H4 (with hole) where applicable. Additional endcaps and mounting clips are available for purchase.

TRANSMISSION PERCENTAGE
(COMPARED TO LED TAPE WITHOUT CHANNEL)

LENS	TRANSMISSION %						
	LENS ONLY	BLBK	BLS	BLWH	GSBK	GSS	GSWH
Clear	82%	24%	32%	48%	44%	56%	64%
Half Frosted	65%	19%	26%	38%	35%	44%	51%
Raised	58%	N/A	N/A	N/A	N/A	N/A	N/A
Narrow Beam Grazer	56%	16%	22%	33%	30%	38%	44%
Flat Frosted	47%	14%	19%	28%	25%	32%	37%
Frosted	51%	15%	20%	29%	27%	35%	40%

More details of the Blade Louver and Glare Shield accessory on page 2. See LED tape spec sheet for lens dotting characteristics & compatibility
Raised lens not compatible with the Blade Louver or GLare Shield.Use complete Dotting Chart Tool online for more dotting information (Link)

Ordering code

MODEL - LENGTH - LENS - MOUNTING[2] - FINISH[4]

MODEL
KMC - KM Channel[1]

LENGTH
48 - 48"
72 - 72"
96 - 96"[3]
120 - 120"[3]
144 - 144"[3]

LENS
C - Clear
F - Frosted
HF - Half Frosted
GR - Narrow Beam Grazer
R - Raised
FF - Flat Frosted

MOUNTING[2]
FC - Fixed Clip
FC45 - Fixed Clip 45°
A - Adjustable Hinge Mounting
EFC - Tamper Resistant Fixed Clip

FINISH[4]
BASE
SA - Silver Anodized

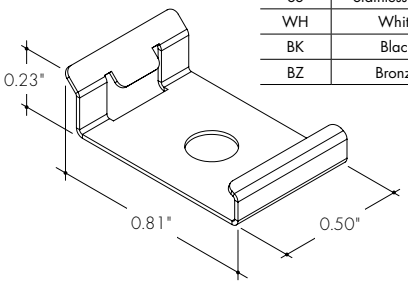
POWDER COAT
BK - Black
BZ - Bronze
WH - White

1 - End Caps are included with channel, one of H3 (no hole) and one of H4 (with hole). Order additional End Caps as necessary.
2 - Mounting Clips are included with channel. Refer to chart above for provided mounting clip quantities. Order additional Mounting Clips as necessary.
3 - For Channels and Lenses over 96", incremental shipping charges will apply.
4 - Powder Coat finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request.

Mounting Clips

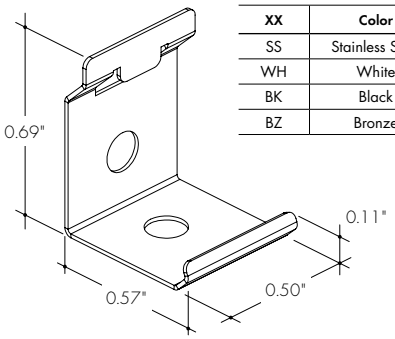
All Channels come with a specified set of Mounting Clips and End Caps, see Ordering Code for details. Order additional Mounting Clips and End Caps as necessary.

MB-KMSC-XX
Fixed mounting clip
-FC



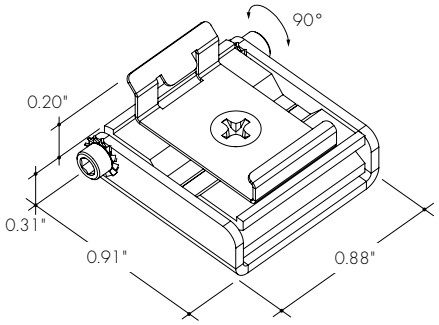
XX	Color
SS	Stainless Steel
WH	White
BK	Black
BZ	Bronze

MB-KMSC-45-XX
Fixed mounting clip 45°
-FC45



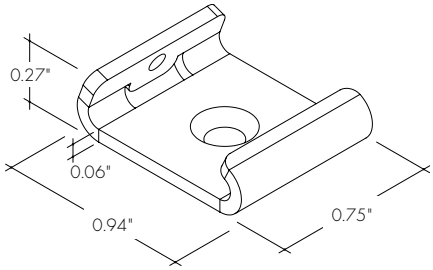
XX	Color
SS	Stainless Steel
WH	White
BK	Black
BZ	Bronze

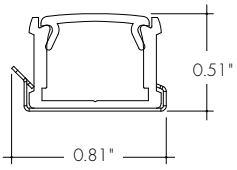
MB-KMSC-A-XX
Adjustable mounting clip, up to 90°
-A



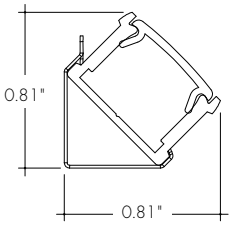
XX	Color
SA	Silver Anodized
WH	White
BK	Black
BZ	Bronze

MB-KMSC-EFC-SS
Tamper Resistant Fixed Clip
-EFC

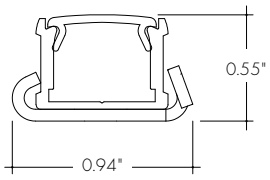




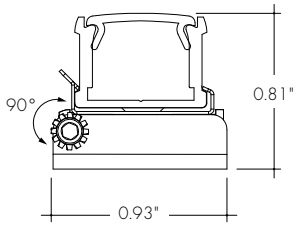
Fixed mounting clip
-FC



Fixed mounting clip 45°
-FC45



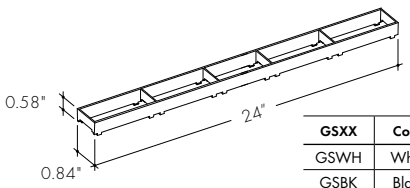
Tamper Resistant Fixed Clip
-EFC



Adjustable mounting clip, up to 90°
-A

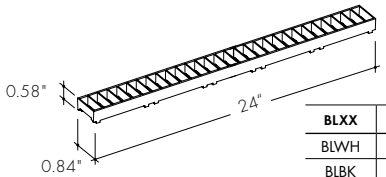
Glare Shield and Blade Louver Accessory

LV-GS-KMSC-24-XX
Glare Shield reduces glare at high angle, field cuttable.
Also available with complete fixture, use ordering code
-GSXX

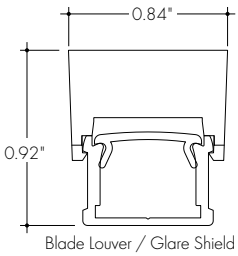


GSXX	Color
GSWH	White
GSBK	Black
GSS	Silver

LV-BL-KMSC-24-XX
Blade Louver reduces glare at high angle in two directions
Also available with complete fixture, use ordering code
-BLXX



BLXX	Color
BLWH	White
BLBK	Black
BLS	Silver



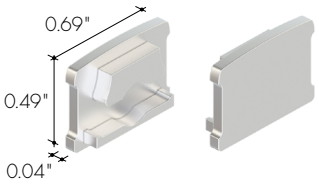
Blade Louver / Glare Shield

All Channels come with a specified set of Mounting Clips and End Caps, see Ordering Code for details. Order additional Mounting Clips and EndCaps as necessary.

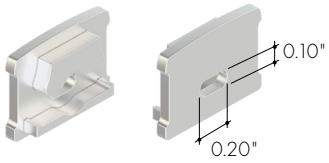
End Caps

For Clear, Frosted, Half-Frosted, or Flat Frosted Lens options.

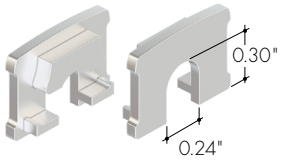
EC-KMC-F-H3-XX
End Cap



EC-KMC-F-H4-XX
End Cap with slot opening



EC-KMC-F-H8-XX
End Cap with powerfeed opening

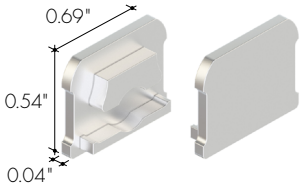


XX	Color
SA	Silver Anodized
WH	White
BK	Black
BZ	Bronze

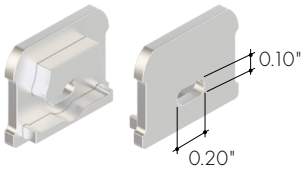
End Caps

For Graze Lens option

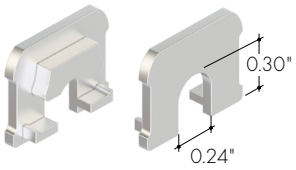
EC-KMC-GR-H3-SA
End Cap



EC-KMC-GR-H4-SA
End Cap with slot opening



EC-KMC-GR-H8-XX
End Cap with powerfeed opening

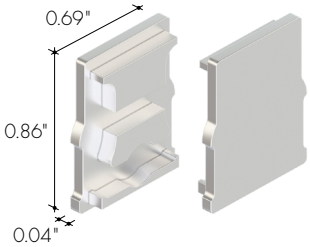


XX	Color
SA	Silver Anodized
WH	White
BK	Black
BZ	Bronze

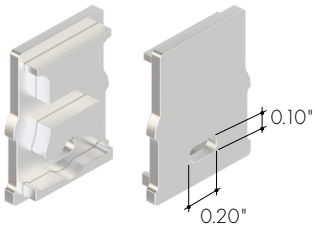
End Caps

For Raised Lens option

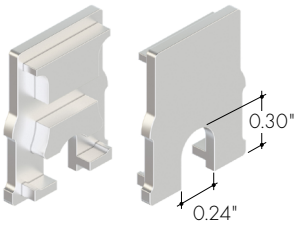
EC-KMC-R-H3-XX
End Cap



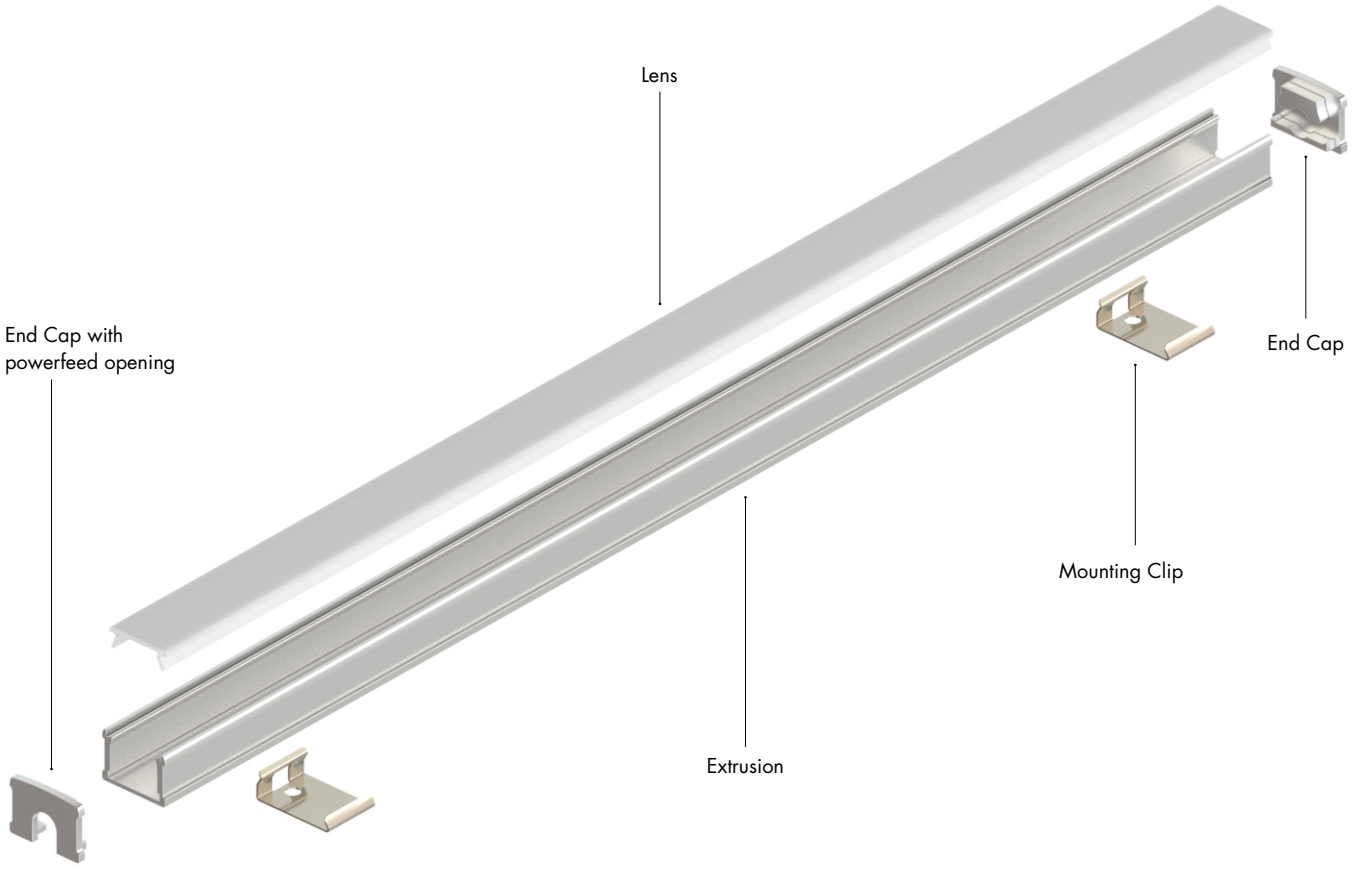
EC-KMC-R-H4-XX
End Cap with slot opening



EC-KMC-R-H8-XX
End Cap with powerfeed opening



XX	Color
SA	Silver Anodized
WH	White
BK	Black
BZ	Bronze


Lens
End Cap with
powerfeed opening
End Cap
Mounting Clip
Extrusion