FLOW
LINEAR LED

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CHARACTERISTICS
This linear LED system is made of top-grade extruded aluminum and installs easily with a number of mounting options. The modular FLOW system can be used with three different LED sources and is versatile enough to adapt to a multitude of uses. Originally conceived for use in corners, it fits perfectly anywhere that optimum light distribution is needed to provide decoration, direction, or emphasis. Suitable for both area lighting and accent lighting, FLOW can be ordered with a factory-configured projected angle of 30° or 60° in relation to the installation surface and is the ideal choice for lighting showcases, shelving, and coves. With a variety of mounting systems and accessories to respond to specific requirements, FLOW is tailor-made for your lighting projects.

APPLICATIONS

ELECTRICAL

INPUT
3W/ft, 4W/ft, 5W/ft, 6W/ft, 7W/ft, 7.5W/ft.

REMOTE POWER SUPPLY
12V: Eklipse PSB-12-60.
24V: Eklipse PSB-24-100.

DIMMING POWER SUPPLY
12V: Eklipse LM-12-60.
24V: Eklipse LM-24-100.

WIRING
48” length (1.2 m) - 20 AWG wire lead with WAGO quick connector. *

THERMAL CONTROL
Through constant thermal monitoring & current control, Eklipse intelligent board technology (IBT) maintains optimal light levels and operating temperature preventing harmful overheating by self adjusting to its environment.

PHYSICAL

CONSTRUCTION
High thermal conductive extruded aluminium.

LIGHT ENGINE
12V: increments of 4” (102 mm).
24V: increments of 2” and 8” (51 and 203 mm).
LEDs are available centered or off-centered.

ADJUSTMENT
Light engine comes with a tilt angle of 30° or 60° depending on the installation position. Optional bracket PILC allows a further on-site 90° tilting adjustment.

FINISH
Anodized black, anodized clear or painted white. *

SOURCE AND OPTICS

LIGHT SOURCE
High power linear LEDs or mid power linear LEDs.

LIGHT TEMPERATURE
2700K, 3000K, 3500K, 4000K. *

CRI
85 (typical).

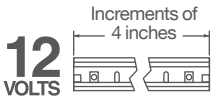
BEAM ANGLE
80° or 120°.

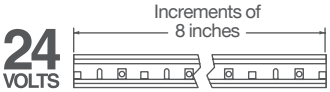
OPTICS
15°, 22°, 27°, 40°, 49°, 66°, 72°, 80°, 14°X42°, 19°X48°

VOLTAGE

A 12V system can be cut in increments of 4 inches for a more precise light fit. More used in vitrine of shelf applications.

A 24V system will allow greater distances with the same power supply and can be cut in increments of 2 and 8 inches. More used in architectural applications.





* Available for tailor-made application. Please contact your Eklipse representative for further informations.

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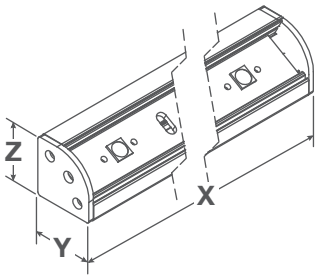
NOMINAL DIMENSIONS



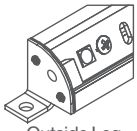
X Extrusion available various lengths up to 72" (refer to ordering code).

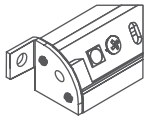
Y 0.75" (19.05 mm)

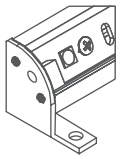
Z 0.75" (19.05 mm)

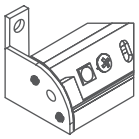
Nominal dimensions do not include mounting options.

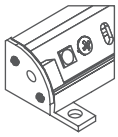
MOUNTING OPTIONS

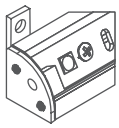

Outside Leg Cap Horizontal (OLCH)

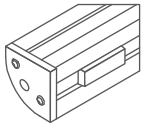

Outside Leg Cap Vertical (OLCV)

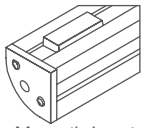

Inside Leg Cap Horizontal (ILCH)


Inside Leg Cap Vertical (ILCV)


Inside Short Leg Cap Horizontal (ISLCH)


Inside Short Leg Cap Vertical (ISLCV)

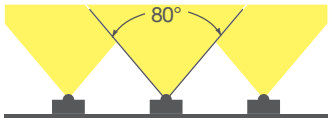

Magnetic Insert Vertical (MIV)


Magnetic Insert Horizontal (MIH)

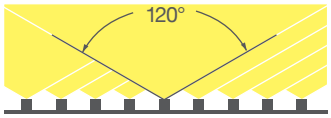

Pivot Inside Leg Cap (PILC)

LIGHT ENGINE

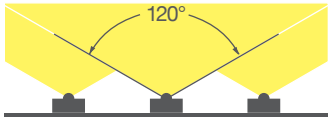
FOCUS
Narrow beam a more focus application of light.



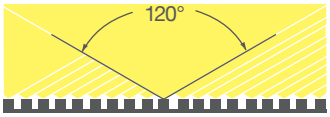
MILD BLEND
Wider beam with smaller LED gaps for little scalloping effect.



WIDE
Spread effect on large surface and allows for optics.

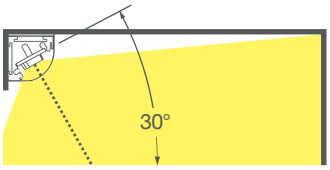


PERFECT BLEND
Wider beam with smaller LED gaps for no-scalloping effect.

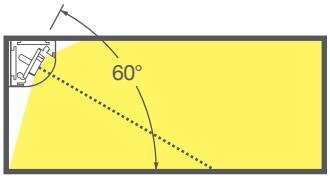


APPLICATIONS

SHELF LIGHTING



VITRINE LIGHTING



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FOCUS ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:

MODEL	VOLTAGE	WATTAGE /FT	LIGHT ENGINE	LENGTH (in)	END CAP	WIRING	OPTICS	ANGLE	APPLICATION	FILM	COLOR	FINISH
F	**12V**	**7W**	**F**	**68**	**PILC**	**L**	**NA**	**30**	**U**	**CF**	**30K**	**ABK**
F = FLOW	**12V** = 12 volts **24V** = 24 volts	**3 W** **5 W** **7 W**	**F** = Focus	**12V**: 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 **24V**: 8 16 24 32 40 48 56 64 72 Lengths in inches. Bracket thickness not included.	**OLCH** = Outside Leg Cap Horiz. **OLCV** = Outside Leg Cap Vertical **ILCH** = Inside Leg Cap Horiz. **ILCV** = Inside Leg Cap Vertical **ISLCH** = In. Short Leg Cap Horiz. **ISLCV** = In. Short Leg Cap Vertical **PILC** = Pivot Inside Leg Cap **MIH** = Magnetic Insert Horizontal **MIV** = Magnetic Insert Vertical	**L** = Left **R** = Right	**NA** = None	**30** = 30° **60** = 60°	**U** = Uplight **D** = Downlight	**CF** = Clear Film **FF** = Frosted Film	**27K** = 2700K **30K** = 3000K **35K** = 3500K **40K** = 4000K **CUS** = Custom	**ABK** = Anodized black **ACL** = Anodized clear **W** = Painted white **CUS** = Custom

Final Eklipse ordering code: **F - 12V - 7W - F - 68 - PILC - L - NA - 30 - U - CF - 30K - ABK**

WIDE ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:

MODEL	VOLTAGE	WATTAGE /FT	LIGHT ENGINE	LENGTH (in)	END CAP	WIRING	OPTICS	ANGLE	APPLICATION	FILM	COLOR	FINISH
F	**12V**	**4W**	**W**	**60**	**ILCH**	**L**	**40**	**30**	**U**	**NA**	**35K**	**ABK**
F = FLOW	**12V** = 12 volts **24V** = 24 volts	**3 W** **4 W** **6 W**	**W** = Wide	**12V**: 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64 68 72 **24V**: 8 16 24 32 40 48 56 64 72 Lengths in inches. Bracket thickness not included.	**OLCH** = Outside Leg Cap Horiz. **OLCV** = Outside Leg Cap Vertical **ILCH** = Inside Leg Cap Horiz. **ILCV** = Inside Leg Cap Vertical **ISLCH** = In. Short Leg Cap Horiz. **ISLCV** = In. Short Leg Cap Vertical **PILC** = Pivot Inside Leg Cap **MIH** = Magnetic Insert Horizontal **MIV** = Magnetic Insert Vertical	**L** = Left **R** = Right	**15** = 15° **22** = 22° **27** = 27° **40** = 40° **49** = 49° **66** = 66° **72** = 72° **80** = 80° **14X42** = 14°x42° **19X48** = 19°x48° **NA** = None	**30** = 30° **60** = 60°	**U** = Uplight **D** = Downlight	**CF** = Clear Film **FF** = Frosted Film **NA** = None No film possible if there are optics	**27K** = 2700K **30K** = 3000K **35K** = 3500K **40K** = 4000K **CUS** = Custom	**ABK** = Anodized black **ACL** = Anodized clear **W** = Painted white **CUS** = Custom

Final Eklipse ordering code: **F - 12V - 4W - W - 60 - ILCH - L - 40 - 30 - U - NA - 35K - ABK**

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MILD BLEND AND PERFECT BLEND ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:

MODEL	VOLTAGE	WATTAGE /FT	LIGHT ENGINE	LENGTH (in)	END CAP	WIRING	OPTICS	ANGLE	APPLICATION	FILM	COLOR	FINISH
F	**24V**	**7.5W**	**B**	**52**	**ISLCV**	**L**	**NA**	**60**	**D**	**FF**	**30K**	**ABK**
F = FLOW	**24V** = 24 volts	**3** W **5** W **7.5** W	**MB** = Mild Blend (Up to 5 W/ft) **B** = Perfect Blend	8 38 70 10 40 72 12 42 14 44 16 46 18 48 20 50 22 52 24 54 26 58 28 60 30 62 32 64 34 66 36 68 Lengths in inches. Bracket thickness not included.	**OLCH** = Outside Leg Cap Horiz. **OLCV** = Outside Leg Cap Vertical **ILCH** = Inside Leg Cap Horiz. **ILCV** = Inside Leg Cap Vertical **ISLCH** = In. Short Leg Cap Horiz. **ISLCV** = In. Short Leg Cap Vertical **PILC** = Pivot Inside Leg Cap **MIH** = Magnetic Insert Horizontal **MIV** = Magnetic Insert Vertical	**L** = Left **R** = Right	**NA** = None	**30** = 30° **60** = 60°	**U** = Uplight **D** = Downlight	**CF** = Clear Film **FF** = Frosted Film **NA** = None	**27K** = 2700K **30K** = 3000K **35K** = 3500K **40K** = 4000K **CUS** = Custom	**ABK** = Anodized black **ACL** = Anodized clear **W** = Painted white **CUS** = Custom

Final Eklipse ordering code: **F - 24V - 7.5W - B - 52 - ISLCV - L - NA - 60 - D - FF - 30K - ABK**

INSTALLATION NOTES

WARRANTY

FIve (5) years on parts.

APPROVAL

Approved CSA/UL and CE.

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