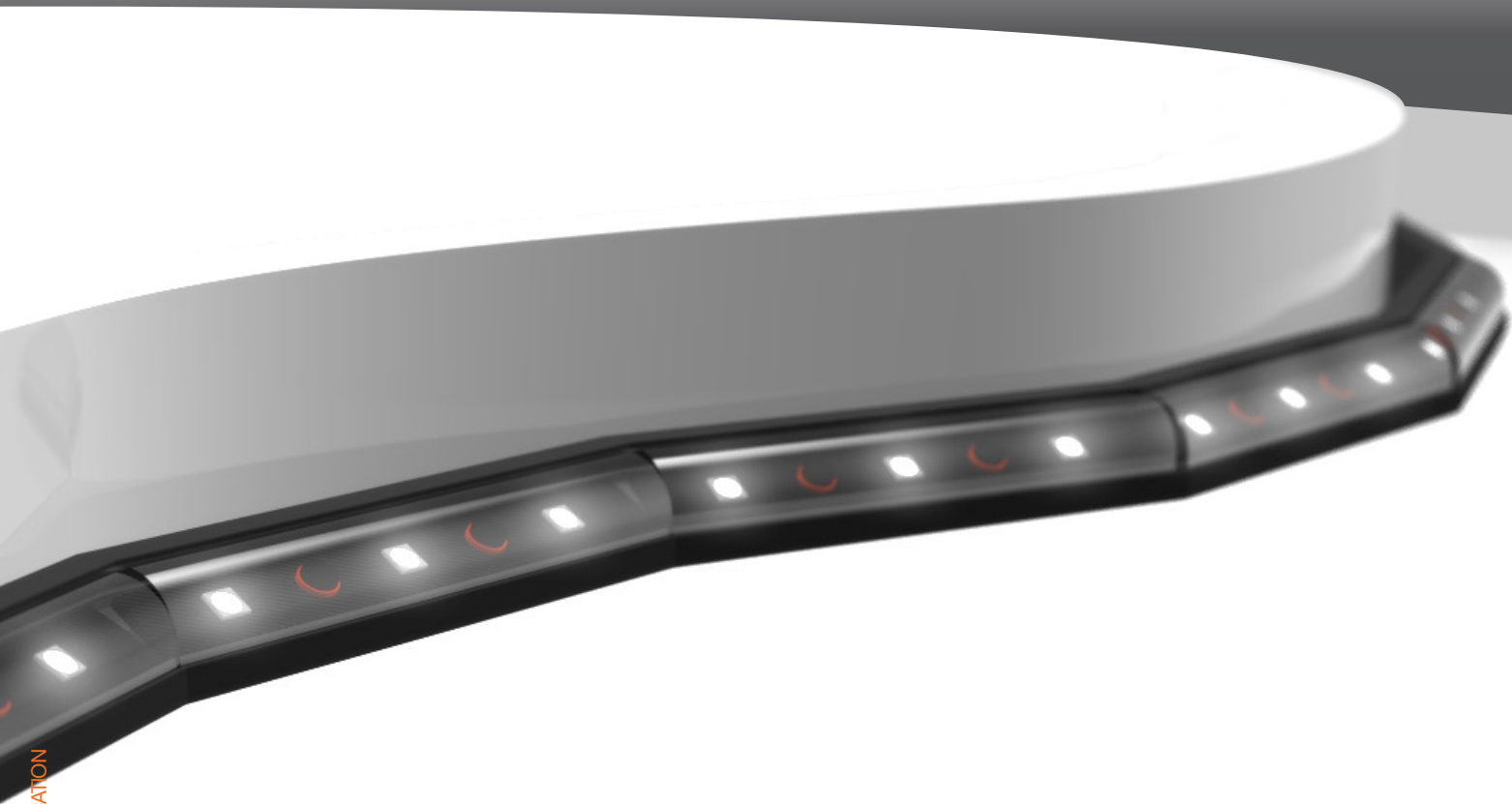


FLOW FLEX

CURVABLE LINEAR LED



FLOW FLEX

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CHARACTERISTICS

The FLOW FLEX is a concealable field curvable LED lighting system made from a higher thermal conductive grade of aluminum. Its versatile design allows you to choose from a 30° or 60° projected light angle. These two factory-configured options allow for an excellent light distribution in vitrines, shelves or various cove lighting applications. The increments allow you to curve the FLOW FLEX without any visible light interruption. Furthermore, the fixed light angle assures a reliable optimal positioning of the light beam once installed on the field.

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 and 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" and 8" (102 mm and 203 mm).
24V: increments of 2", 4" and 8" (51 mm, 102 mm and 203 mm).
LEDs are available centered or off-centered.

Increments are ready to be curved on-site.

ADJUSTMENT

Light engine comes with a tilt angle of 30° or 60° depending on the installation position.

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).

HIGH CRI

95 (typical).

BEAM ANGLE

80° or 120°.

OPTICS

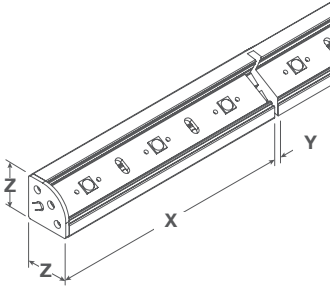
15°, 22°, 27°, 40°, 49°, 66°, 72°, 80°, 14°X42°, 19°X48°.

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

FLOW FLEX

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NOMINAL DIMENSIONS



X 2", 4" or 8" (50, 101 or 203 mm).

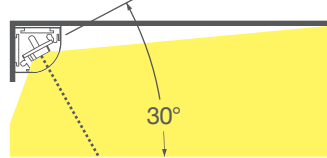
Y 0.150" (3.81 mm)

Z 0.75" (19.05 mm)

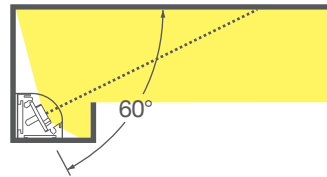
Nominal dimensions do not include mounting options.

APPLICATIONS

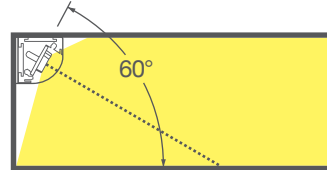
SHELF LIGHTING



COVE LIGHTING

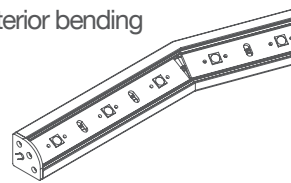


VITRINE LIGHTING

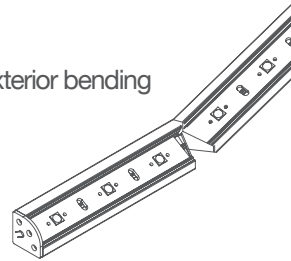


BEND

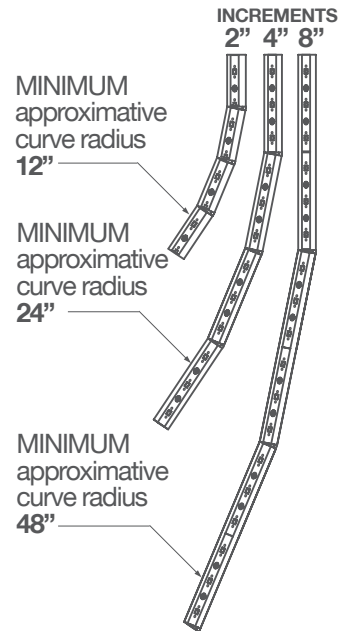
Interior bending



Exterior bending



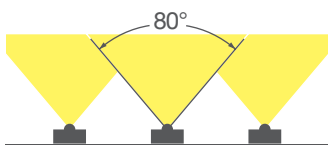
MINIMUM CURVE RADIUS



FLOW FLEX

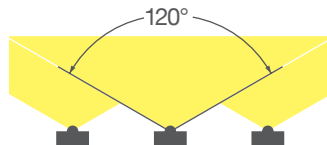
CURVABLE LINEAR LED

FOCUS



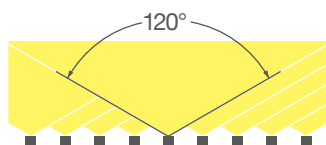
The Focus light engine offers a narrower beam for more light precision.

WIDE



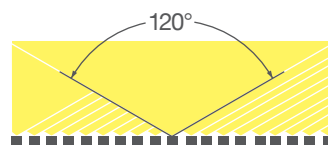
The Wide light engine offers a wider beam for spread effect of large surface.

MILD BLEND



The Mild Blend offers a large beam and smaller distance between LEDs, reducing spotting effect.

PERFECT BLEND



The Perfect Blend offers a large beam and no distance between LEDs almost eliminating the spotting effect.

INCREMENTS AND VOLTAGE

The Focus light engine is available in increments of 4 and 8 inches. This means that you can order your fixture in 4 or 8 inch multiples to a maximum length of 72 inches.

The Focus light engine runs at 12 volts when using 4 inch increments and runs at 24 volts when using 8 inch increments.

Choosing an increment will affect the minimum curve radius of the FLOW FLEX. For a smaller radius, use the smallest increment:

INCREMENT	MIN. CURVE RADIUS	VOLTAGE
4 inches	24 inches	12 volts
8 inches	48 inches	12 volts
8 inches	48 inches	24 volts

INCREMENTS AND VOLTAGE

The Wide light engine is available in increments of 4 and 8 inches. This means that you can order your fixture in 4 or 8 inch multiples to a maximum length of 72 inches.

The Wide light engine runs at 12 volts when using 4 inch increments and runs at 24 volts when using 8 inch increments.

Choosing an increment will affect the minimum curve radius of the FLOW FLEX. For a smaller radius, use the smallest increment:

INCREMENT	MIN. CURVE RADIUS	VOLTAGE
4 inches	24 inches	12 volts
8 inches	48 inches	12 volts
8 inches	48 inches	24 volts

INCREMENTS AND VOLTAGE

The Mild Blend light engine is available in increments of 2, 4 and 8 inches. This means that you can order your fixture in 2, 4 or 8 inch multiples to a maximum length of 72 inches.

No matter what increment you choose, the Mild Blend light engine runs at 24 volts.

Choosing an increment will affect the minimum curve radius of the FLOW FLEX. For a smaller radius, use the smallest increment:

INCREMENT	MIN. CURVE RADIUS	VOLTAGE
2 inches	12 inches	24 volts
4 inches	24 inches	24 volts
8 inches	48 inches	24 volts

INCREMENTS AND VOLTAGE

The Perfect Blend light engine is available in increments of 2, 4 and 8 inches. This means that you can order your fixture in 2, 4 or 8 inch multiples to a maximum length of 72 inches.

No matter what increment you choose, the Perfect Blend light engine runs at 24 volts.

Choosing an increment will affect the minimum curve radius of the FLOW FLEX. For a smaller radius, use the smallest increment:

INCREMENT	MIN. CURVE RADIUS	VOLTAGE
2 inches	12 inches	24 volts
4 inches	24 inches	24 volts
8 inches	48 inches	24 volts

FLOW FLEX

CURVABLE LINEAR LED

FOCUS ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:

MODEL	VOLTAGE	WATT/FT	LIGHT ENGINE	LENGTH (in)	SEGMENTS	END CAP	WIRING	OPTICS	ANGLE	APPLICATION	FILM	COLOR	FINISH
FF	12V	7W	F	68	4	MIH	L	NA	30	U	CF	30K	ABK
FF = FLOW FLEX	12V = 12 volts 24V = 24 volts	3 W 5 W 7 W	F = Focus	12V 8 24V 8 8 52 8 12 56 16 16 60 24 20 64 32 24 68 40 28 72 48 32 56 36 64 40 72 44 48	4 = 4 inches 8 = 8 inches	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
				Lengths in inches. Bracket thickness not included.									
Final Eclipse ordering code: FF - 12V - 7W - F - 68 - 4 - MIH - L - NA - 30 - U - CF - 30K - ABK													

WIDE ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:

MODEL	VOLTAGE	WATT/FT	LIGHT ENGINE	LENGTH (in)	SEGMENTS	END CAP	WIRING	OPTICS	ANGLE	APPLICATION	FILM	COLOR	FINISH
FF	24V	4W	W	56	8	MIH	L	80	30	U	NA	30K	ABK
FF = FLOW FLEX	12V = 12 volts 24V = 24 volts	3 W 4 W 6 W	W = Wide	12V 8 24V 8 8 52 8 12 56 16 16 60 24 20 64 32 24 68 40 28 72 48 32 56 36 64 40 72 44 48	4 = 4 inches 8 = 8 inches	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	27K = 2700K 30K = 3000K 35K = 3500K 40K = 4000K CUS = Custom	ABK = Anodized black ACL = Anodized clear W = Painted white CUS = Custom
				Lengths in inches. Bracket thickness not included.									
												No film possible if there are optics	
Final Eclipse ordering code: FF - 24V - 4W - W - 56 - 8 - MIH - L - 80 - 30 - U - NA - 30K - ABK													

FLOW FLEX

CURVABLE LINEAR LED

PERFECT AND MILD BLEND ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:

MODEL	VOLTAGE	WATTAGE /FT	LIGHT ENGINE	LENGTH (in)	SEGMENTS	END CAP	WIRING	OPTICS	ANGLE	APPLICATION	FILM	COLOR	FINISH
FF	24V	7.5W	B	52	2	MIH	L	NA	30	U	FF	30K	ABK
FF = FLOW FLEX	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 <small>Lengths in inches. Bracket thickness not included.</small>	2 = 2 inches 4 = 4 inches 8 = 8 inches	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 Eclipse ordering code: F - 24V - 7.5W - B - 52 - 2 - MIH - L - NA - 30 - U - FF - 30K - ABK													

INSTALLATION NOTES



WARRANTY

Five (5) years on parts.

APPROVAL

Approved CSA/UL and CE.



EKLIPSE

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