

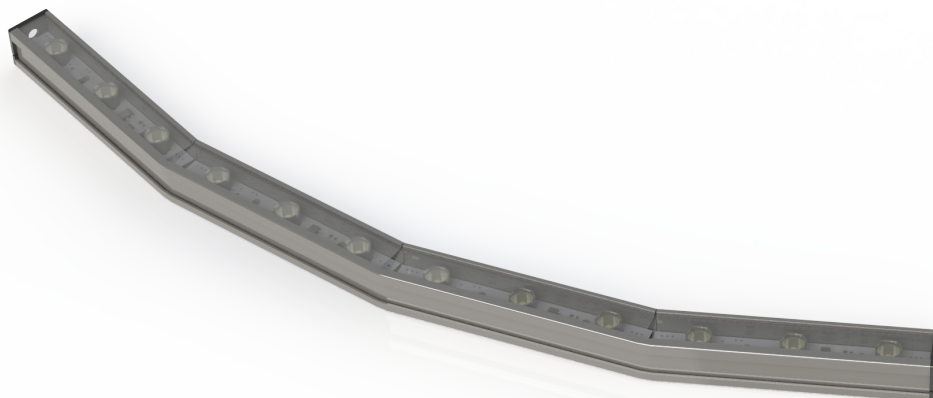
HORIZON MINI FLEX

CURVABLE LINEAR LED



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CHARACTERISTICS

Compact yet very effective, HORIZON MINI FLEX is a curvable linear LED system made of high-grade extruded aluminum. It is available with optics and lenses that provide incomparable control of light intensity and quantity. HORIZON MINI FLEX is totally customizable and a perfect response to the specific needs of commercial, institutional, and private spaces. The increments allow you to curve on-site the HORIZON MINI FLEX, for no visible light interruption. It can be used to reinterpret its environment with surface grazing with a long throw or edge lighting.

APPLICATIONS



ELECTRICAL

INPUT

3W/ft, 5W/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" (102 mm).
24V: increments of 2" (51 mm), 4" (102 mm) and 8" (203 mm).

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).

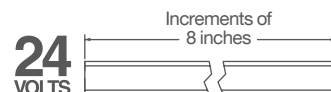
OPTICS

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 or shelf applications.

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

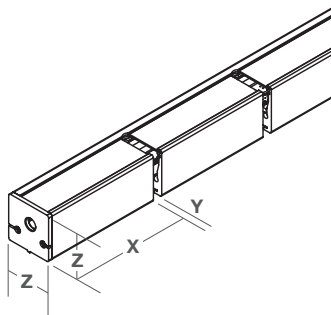


* Available for tailor-made application. Please contact your Eklipse representative for further informations.

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NOMINAL DIMENSIONS



X Increments of 2", 4" or 8"
(51, 101 or 203 mm).

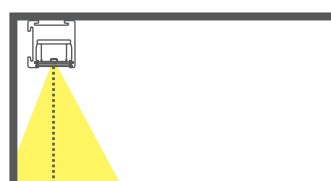
Y 0.150" (3.81 mm)

Z 0.75" (19.05 mm)

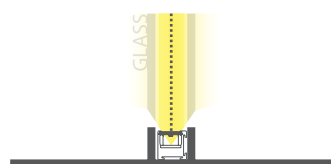
Nominal dimensions do not include mounting options.

APPLICATIONS

SURFACE GRAZING

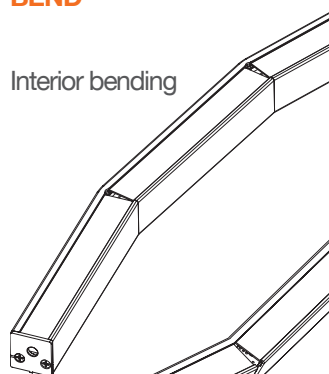


EDGE LIGHTING

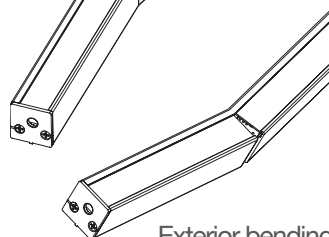


BEND

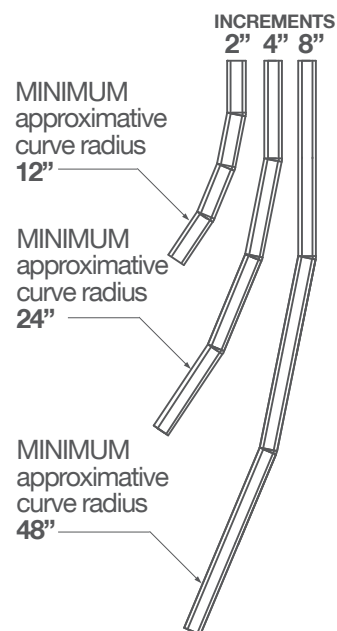
Interior bending



Exterior bending



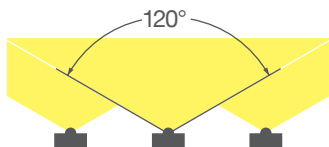
MINIMUM CURVE RADIUS



HORIZON MINI FLEX

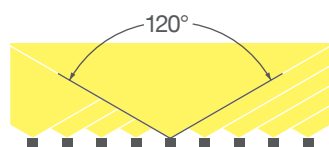
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WIDE



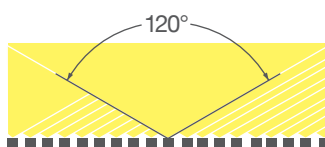
The Wide light engine offers a wider beam for spread effect of large surface.

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 a microscopic distance between LEDs almost eliminating the spot effect.

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 a increment will affect the minimum curve radius of the HORIZON MINI 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 a increment will affect the minimum curve radius of the HORIZON MINI 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 a increment will affect the minimum curve radius of the HORIZON MINI 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

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WIDE ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:											
MODEL	VOLTAGE	WATT/FT	LIGHT ENGINE	LENGTH	SEGMENT	END CAP	WIRING	OPTICS	FILM	COLOR	FINISH
HMF	12V	7.5W	W	68	4	MIH	L	40	CF	35K	ABK
HMF = HORIZON MINI FLEX	12V = 12 volts 24V = 24 volts	7.5 W	W = Wide	12V	4 = 4 inches 8 = 8 inches	MIH = Magnetic Insert Horizontal MIV = Magnetic Insert Vertical	L = Left R = Right	15	NBF = Narrow Beam Filter For 15° optic only CF = Clear Film FF = Frosted Film LF = Linear Optical Film NA = None	27K = 2700K 30K = 3000K 35K = 3500K 40K = 4000K CUS = Custom	ABK = Anodized black ACL = Anodized clear W = Painted white CUS = Custom
				4				22			
				8				27			
				12				40			
				16				49			
				20				66			
				24				72			
				28				80			
				32				14x42			
				36				19x48			
				40				NA			
				44							
				48							
				Lengths in inches. Bracket thickness not included.							
Final Eclipse ordering code: HMF - 12V - 7.5W - W - 68 - 4 - MIH - L - 40 - CF - 35K - ABK											

MILD BLEND AND PERFECT BLEND ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:											
MODEL	VOLTAGE	WATT/FT	LIGHT ENGINE	LENGTH	SEGMENT	END CAP	WIRING	OPTICS	FILM	COLOR	FINISH
HMF	24V	5W	B	72	8	MIH	L	NA	FF	30K	ABK
HMF = HORIZON MINI FLEX	24V = 24 volts	3 W 5 W 7.5 W	MB = Mild Blend Up to 5 W/ft B = Perfect Blend	2	2 = 2 inches	MIH = Magnetic Insert	L = Left	NA = None	CF = Clear Film	27K = 2700K	ABK = Anodized black
				32	4 = 4 inches	Horizontal	R = Right		FF = Frosted Film	30K = 3000K	ACL = Anodized clear
				4	8 = 8 inches	MIV = Magnetic Insert			LF = Linear	35K = 3500K	W = Painted white
				6		Vertical			Optical Film	40K = 4000K	CUS = Custom
				8							
				10							
				12							
				14							
				16							
				18							
				20							
				22							
				24							
				26							
				28							
				30							
				Lengths in inches. Bracket thickness not included.							
Final Eclipse ordering code: HMF - 24V - 5W - B - 72 - 8 - MIH - L - NA - FF - 30K - ABK											

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INSTALLATION NOTES



WARRANTY

Five (5) years on parts.

APPROVAL

Approved CSA/UL and CE.



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