

HORIZON

LINEAR LED



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CHARACTERISTICS

Compact yet very effective, HORIZON is a linear LED system made of high-grade extruded aluminum. It is available with interchangeable optics and lenses to provide incomparable control of light intensity and quantity. Offering a wide range of beams and a number of covers and mounting systems, HORIZON is totally customizable and a perfect response to the specific needs of commercial, institutional, and private spaces. Variable and flexible, it can be used to reinterpret its environment with surface grazing with a long throw (up to 20 feet), edge lighting, or suspended fixtures.

APPLICATIONS



ELECTRICAL

INPUT

3W/ft, 5W/ft, 7.5W/ft, 8W/ft, 10W/ft, 12W/ft.

REMOTE POWER SUPPLY

12V: Eclipse PSB-12-60.
24V: Eclipse PSB-24-100.

DIMMING POWER SUPPLY

12V: Eclipse LM-12-60.
24V: Eclipse 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, Eclipse 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).

ADJUSTMENT

Bracket option PILC allows for an on-site 27° clockwise and 27° anticlockwise pivoting adjustment. Other anchorings available for different integrations.

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

7°, 11°, 28°, 42°, 8°x52°.

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.

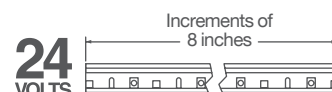
A 24V system will allow greater distances with the same power supply and can be cut in increments of 2 and 8 inches. More used in architectural applications.



12
VOLTS



24
VOLTS



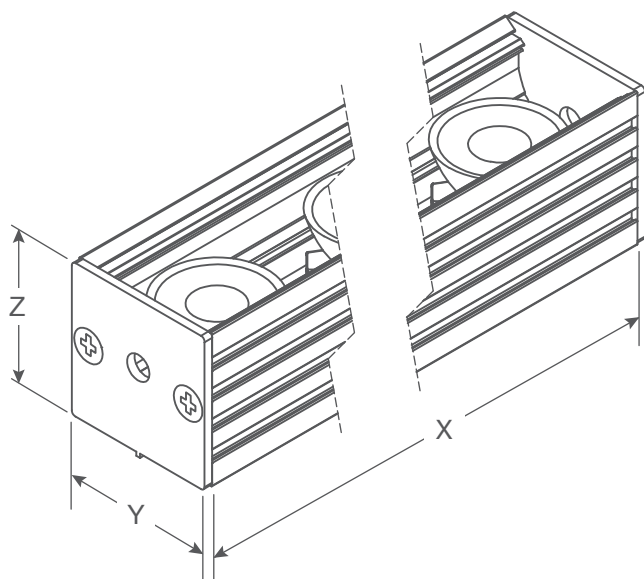
24
VOLTS

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

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NOMINAL DIMENSIONS



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

Y 1.125" (28.58 mm)

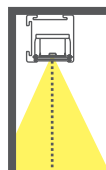
Z 1.125" (28.58 mm)

Nominal dimensions do not include mounting options.

APPLICATIONS

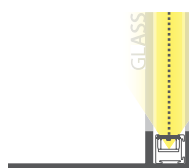
SURFACE GRAZING

Recommended light engine: wide with 8°x52° optic.



EDGE LIGHTING

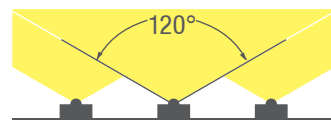
Recommended light engine: wide with 8°x52° optic.



LIGHT ENGINE

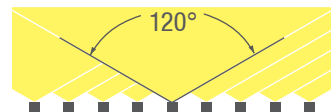
WIDE

Wide beam LED for spread effect on large surface. Can accommodate both optics and films.



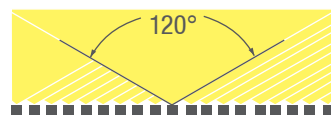
MILD BLEND

Wider beam with smaller LED gaps for little scalloping effect. Can only accommodate films.



PERFECT BLEND

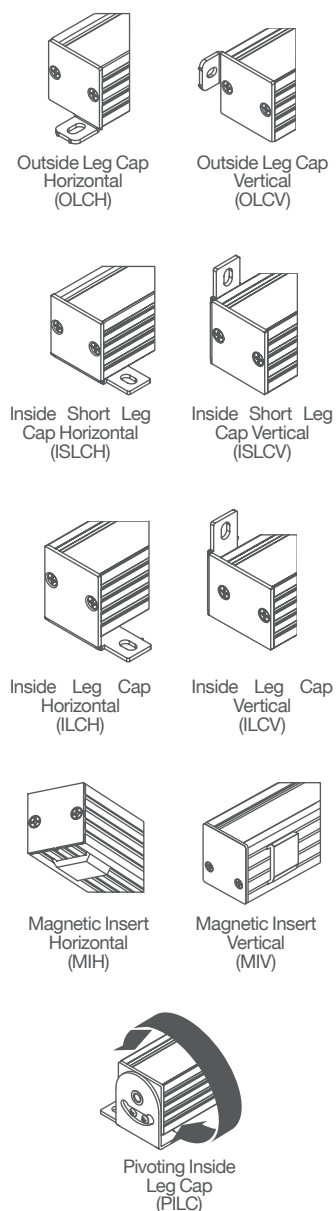
Wider beam with smaller LED gaps for no-scalloping effect. Can only accommodate films.



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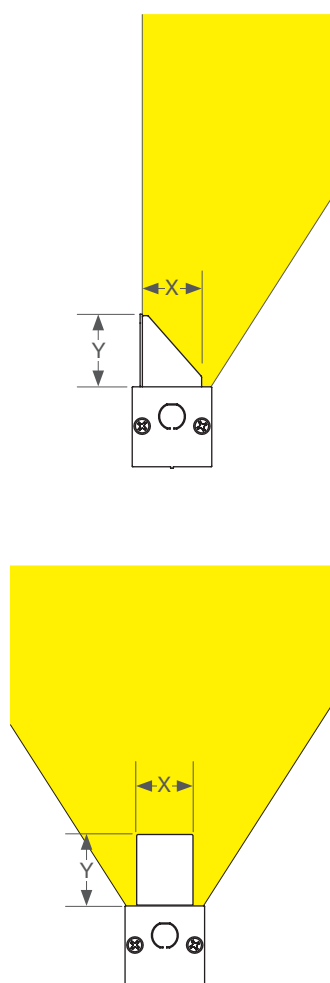
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MOUNTING OPTIONS



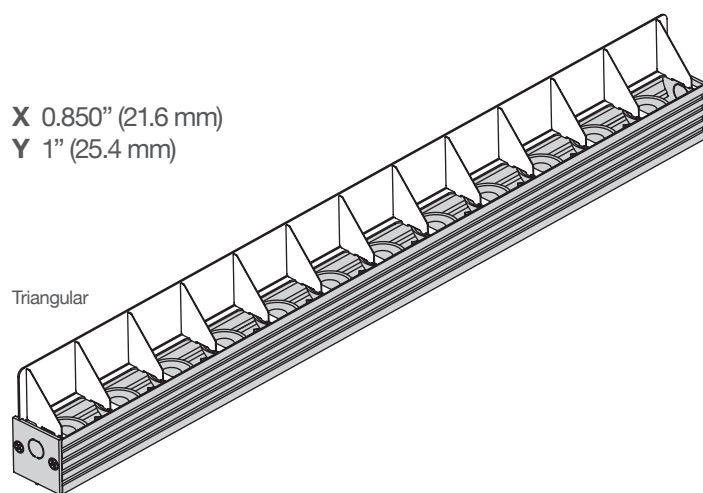
ACCESSORIES

LOUVER



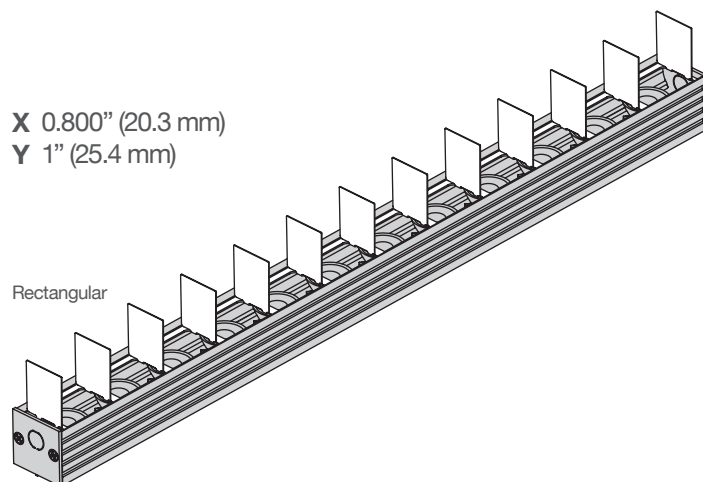
X 0.850" (21.6 mm)
Y 1" (25.4 mm)

Triangular



X 0.800" (20.3 mm)
Y 1" (25.4 mm)

Rectangular



Please contact your Eclipse representative to order this additional accessory.

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WIDE ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:

MODEL	VOLTAGE	WATTAGE / FT	LIGHT ENGINE	LENGTH	END CAP	WIRING	OPTICS	FILM	COLOR	FINISH
H	12V	8W	W	68	OLCV	L	28	CF	35K	ABK
H = HORIZON	12V = 12 volts 24V = 24 volts	8 W 10 W 12 W	W = Wide	<div> <div>12V</div> <div>24V</div> <div> 4 52 8 8 56 16 12 60 24 16 64 32 20 68 40 24 72 48 28 76 56 32 80 64 36 84 72 40 88 80 44 92 88 48 96 96 </div> </div>	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 MIH = Magnetic Insert Horiz. MIV = Magnetic Insert Vertical PILC = Pivot Inside Leg Cap	L = Left R = Right	7 = 7° 11 = 11° 28 = 28° 42 = 42° 8X52 = 8° x 52° NA = None	NBF = Narrow beam filter For 7° and 11° optics 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

Final Eklipse ordering code:

H - 12V - 8W - W - 68 - OLCV - L - 28 - CF - 35K - ABK

MILD BLEND AND PERFECT BLEND ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:

MODEL	VOLTAGE	WATTAGE / FT	LIGHT ENGINE	LENGTH	END CAP	WIRING	OPTICS	FILM	COLOR	FINISH
H	24V	5W	MB	46	PILC	L	NA	FF	35K	ABK
H = HORIZON	24V = 24 volts	3 W 5 W 7.5 W	MB = Mild blend Up to 5W/ft B = Perfect blend	<div> <div>46</div> <div> 8 36 66 10 38 68 12 40 70 14 42 72 16 44 18 46 20 48 22 50 24 52 26 54 28 58 30 60 32 62 34 64 </div> </div>	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 MIH = Magnetic Insert Horiz. MIV = Magnetic Insert Vertical PILC = Pivot Inside Leg Cap	L = Left R = Right	NA = None	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

Final Eklipse ordering code:

H - 24V - 5W - MB - 46 - PILC - L - NA - FF - 35K - ABK

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INSTALLATION NOTES



WARRANTY

Five (5) years on parts.

APPROVAL

Approved CSA/UL and CE.



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