

# HORIZON MINI

LINEAR LED



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## LINEAR LED



### CHARACTERISTICS

Although more compact, HORIZON MINI has the same configuration options as HORIZON. With integration of optics, versatile design, and a large number of light-beam options, HORIZON MINI is small in name only and responds to your needs for, general lighting, highlighting, surface grazing, and many other applications. Offered with a wide variety of accessories, films, and configurations, HORIZON MINI is tailor-made for every detail of your project.

### 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" and 8" (51 and 203 mm).

#### ADJUSTMENT

Bracket option PILC allows for an on-site 108° clockwise pivoting and 87° 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

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.

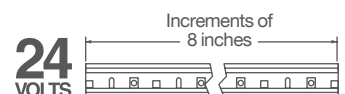
A 24V system will allow greater distances with the same power supply but can only be cut in increments of 8 inches. More used in architectural applications.



12  
VOLTS



24  
VOLTS



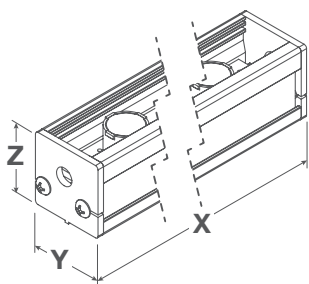
24  
VOLTS

\* 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)

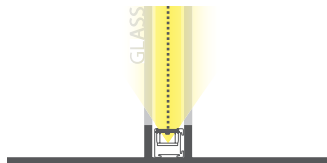
Nominal dimensions do not include mounting options.

### APPLICATIONS

#### SURFACE GRAZING



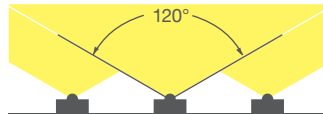
#### EDGE LIGHTING



### LIGHT ENGINE

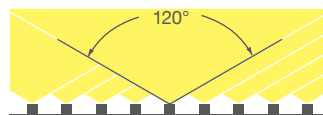
#### WIDE

Wide beam LED for spread effect on large surface.



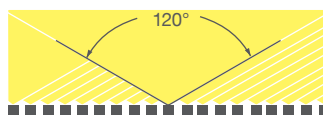
#### MILD BLEND

Wider beam with smaller LED gaps for little scalloping effect.



#### PERFECT BLEND

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



### MOUNTING OPTIONS



Outside Leg Cap Horizontal (OLCH)



Outside Leg Cap Vertical (OLCV)



Inside Short Leg Cap Horizontal (ISLCH)



Inside Short Leg Cap Vertical (ISLCV)



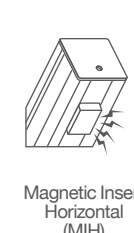
Inside Leg Cap Horizontal (ILCH)



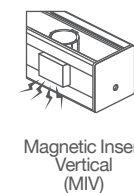
Inside Leg Cap Vertical (ILCV)



Pivot Inside Leg Cap (PILC)



Magnetic Insert Horizontal (MIH)



Magnetic Insert Vertical (MIV)

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### WIDE ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:																		
MODEL HM	VOLTAGE 12V	WATT/FT 7.5W	LIGHT ENGINE W	LENGTH 36		END CAP PILC	WIRING L R = Right	OPTICS 15	FILM NBF	COLOR 30K	FINISH ABK							
HM = HORIZON MINI	12V = 12 volts 24V = 24 volts	7.5 W	W = Wide	12V	24V	OLCH = Outside Leg Cap Horiz. OLCV = Outside Leg Cap Vertical ILCH = Inside Leg Cap Horizontal 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°	NBF = Narrow Beam Filter For 15° optic only CF = Clear Film FF = Frosted Film LF = Linear Optical Film NA = None	27K = 2700K	ABK = Anodized black ACL = Anodized clear WH = Painted white CUS = Custom							
				8 52	8			22 = 22°		30K = 3000K								
				12 56	16			27 = 27°		35K = 3500K								
				16 60	24			40 = 40°		40K = 4000K								
				20 64	32			49 = 49°		CUS = Custom								
				24 68	40			66 = 66°										
				28 72	48			72 = 72°										
				32	56			80 = 80°										
				36	64			14X42 = 14"x42°										
				40	72			19X48 = 19"x48°										
				44				NA = None										
				48														
				Lengths in inches. Bracket thickness not included.														
				Final Eclipse ordering code: HM - 12V - 7.5W - W - 36 - PILC - L - 15 - NBF - 30K - ABK														

### MILD BLEND AND PERFECT BLEND ORDERING CODE MODEL

ANATOMY OF AN EKLIPSE ORDERING CODE:												
MODEL	VOLTAGE	WATT/FT	LIGHT ENGINE	LENGTH		END CAP	WIRING	OPTICS	FILM	COLOR	FINISH	
HM	24V	5W	B	56		ILCH	L	NA	FF	35K	ABK	
HM= HORIZON MINI	24V = 24 volts	3 W	MB = Mild Blend Up to 5 W/ft  B = Perfect Blend	2	32	62	OLCH = Outside Leg Cap Horiz. OLCV = Outside Leg Cap Vertical ILCH = Inside Leg Cap Horizontal 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	CF = Clear Film FF = Frosted Film LF = Linear Optical Film NA = None	27K = 2700K	ABK = Anodized black ACL = Anodized clear WH = Painted white CUS = Custom
		5 W		4	34	64					30K = 3000K	
		7.5 W		6	36	66					35K = 3500K	
				8	38	68					40K = 4000K	
		10		40	70	CUS = Custom						
		12		42	72							
		14		44								
		16		46								
		18		48								
		20		50								
		22		52								
		24		54								
		26		56								
		28		58								
		30		60								
				Lengths in inches. Bracket thickness not included.								
Final Eklipse ordering code:												
HM - 24V - 5W - B - 56 - ILCH - L - NA - FF - 35K - ABK												

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## INSTALLATION NOTES



## WARRANTY

Five (5) years on parts.

## APPROVAL

Approved CSA/UL and CE.



**EKLIPSE**  
ARCHITECTURAL LIGHTING

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