

Date \_\_\_\_\_ Specifier \_\_\_\_\_ Project \_\_\_\_\_ Type \_\_\_\_\_

# HORIZON

Wide range of optics to provide incomparable control of light

Flexibility of installation with multiple mounting options available

Up to 20 feet long throw with narrow optics

## Application



Wall grazing



Wall washing



Diffused lighting

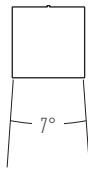
## Optical distributions

**7° with narrow beam filter**

**7D-NBF**

LIGHT BEAM

SIDE VIEW



FRONT VIEW

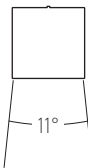


**11° with narrow beam filter**

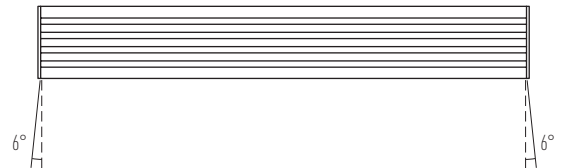
**11D-NBF**

LIGHT BEAM

SIDE VIEW



FRONT VIEW

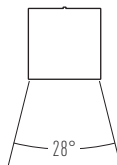


**28° with narrow beam filter**

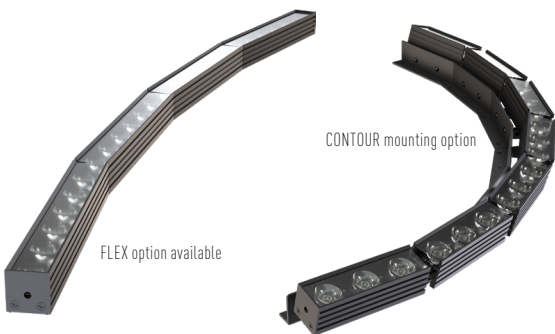
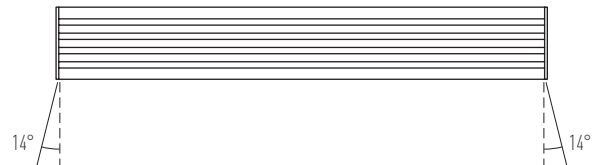
**28D-NBF**

LIGHT BEAM

SIDE VIEW



FRONT VIEW



MADE IN  
FABRIQUE AU CANADA

ROHS  
COMPLIANT

UL US

CE FC

### 42° with narrow beam filter

42D-NBF

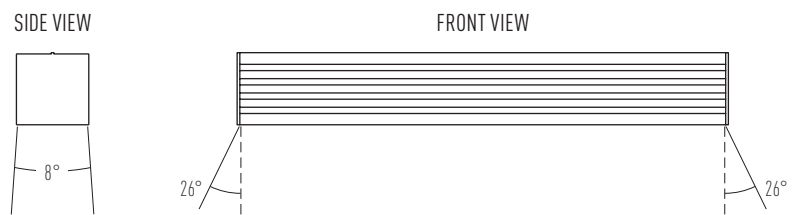
LIGHT BEAM



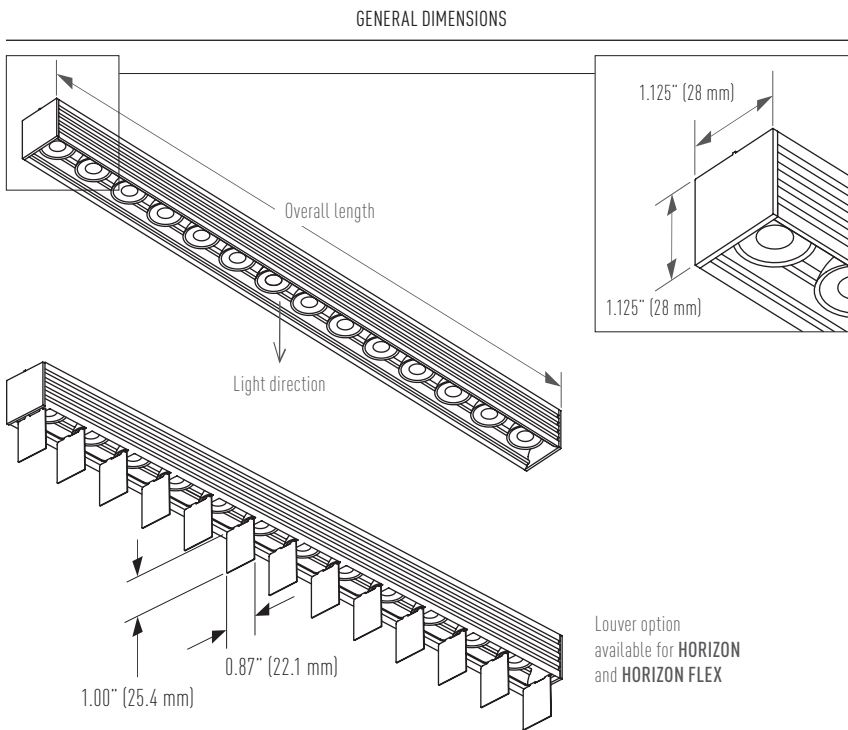
### 8°x52° with linear optic filter

8X52D-LOF

LIGHT BEAM



## Physical



### Finish



### Construction

Aluminium body  
 PMMA optics

### Weight

0.66 lbs/ft (982 g/m)

### Maximum standard length

100" (2540 mm)

### Ingress protection code

IP40

### Operating ambient temperature

0 °C to 40 °C

### Storage temperature

0 °C to 40 °C at 50% humidity.

## Electrical

**i** This product is a **DC LED Lighting Module**. The following are required to operate as a complete system – to order separately:

**Power Supply**

24 VDC | Constant Voltage | PWM (if dimmable) | Remote Installation  
**Recommended driver:** Eclipse Light Manager LM-24V.100W-[...]  
 [1% dim in 0-10V / DALI / Ecosystem]

**Power Supply (for HORIZON CONTOUR)**

12 VDC | Constant Voltage | PWM (if dimmable) | Remote Installation  
**Recommended driver:** Eclipse Light Manager LM-12V.60W-[...]  
 [1% dim in 0-10V / DALI / Ecosystem]

MODULE CURRENT REGULATION

**PASSIVE**

DRIVER COMPATIBILITY

**UNIVERSAL\***

\*following driver spec. req., works with all models

**Input Voltage**

24 VDC in Constant Voltage (HORIZON, HORIZON FLEX)  
 12 VDC in Constant Voltage (HORIZON CONTOUR)

**Power Density**

8 W/ft | 10 W/ft (26 W/m | 33 W/m)

**Dimming**

Capable of operating down to 0.1%  
 [depends on driver performance/limitations]

**Wiring**

UL listed, NEC art. 800 compliant CMG cable, 48"-long, 20 AWG, Red(+)/Black(-), polarized. Not approved for plenum/air handling spaces.

**Safety Information**

cULus Listed, CE, SELV, Class 2, Dry location

**Installation**

Magnetic installation (MIH, MIV) (order carbon steel band accessory separately).  
 Hardware installation (PILC, OLCH, OLCV, ILCH, ILCV and HORIZON CONTOUR)

**Cable limit**

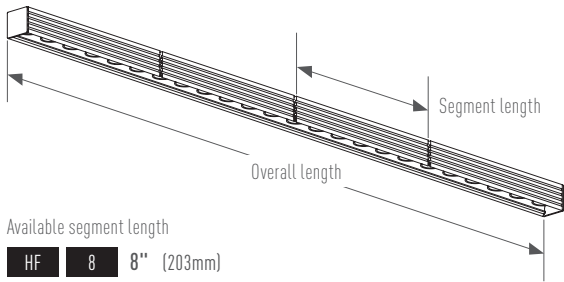
Voltage loss tolerance due to remote driver cable course, up to -2.5 V. See LIGHT MANAGER spec for max. cable length table per AWG.

**Applications**

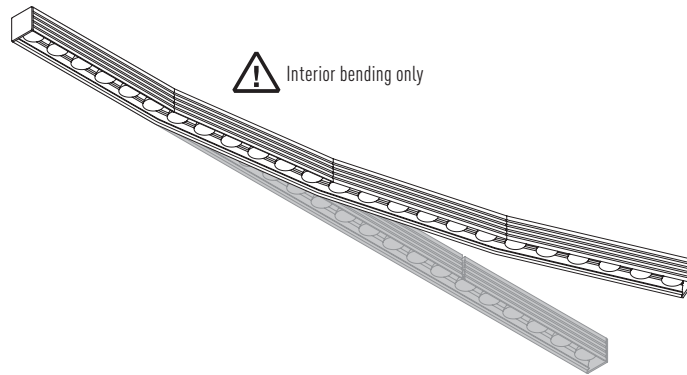
Designed for surface grazing and edge lighting.

## HORIZON FLEX model

### GENERAL DIMENSIONS



### BENDING

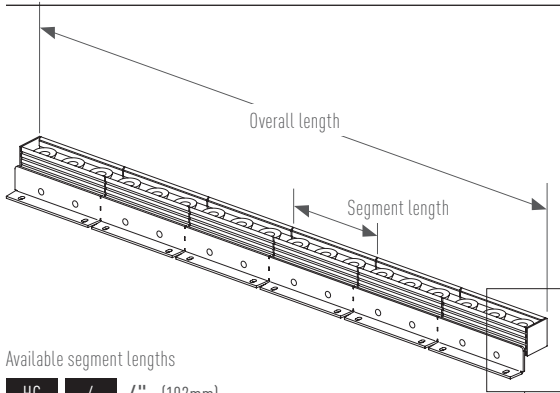


### CURVE RADIUS



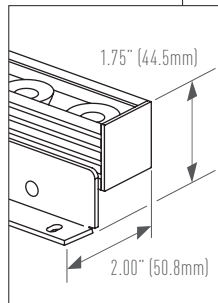
# HORIZON CONTOUR model

## GENERAL DIMENSIONS



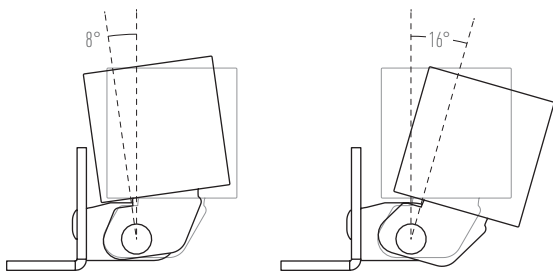
Available segment lengths

HC 4 4" (102mm)

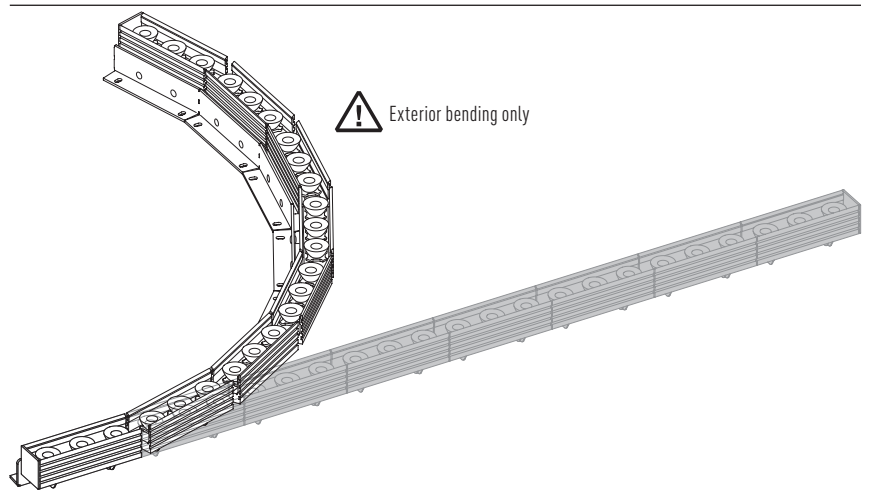


## ADJUSTMENT

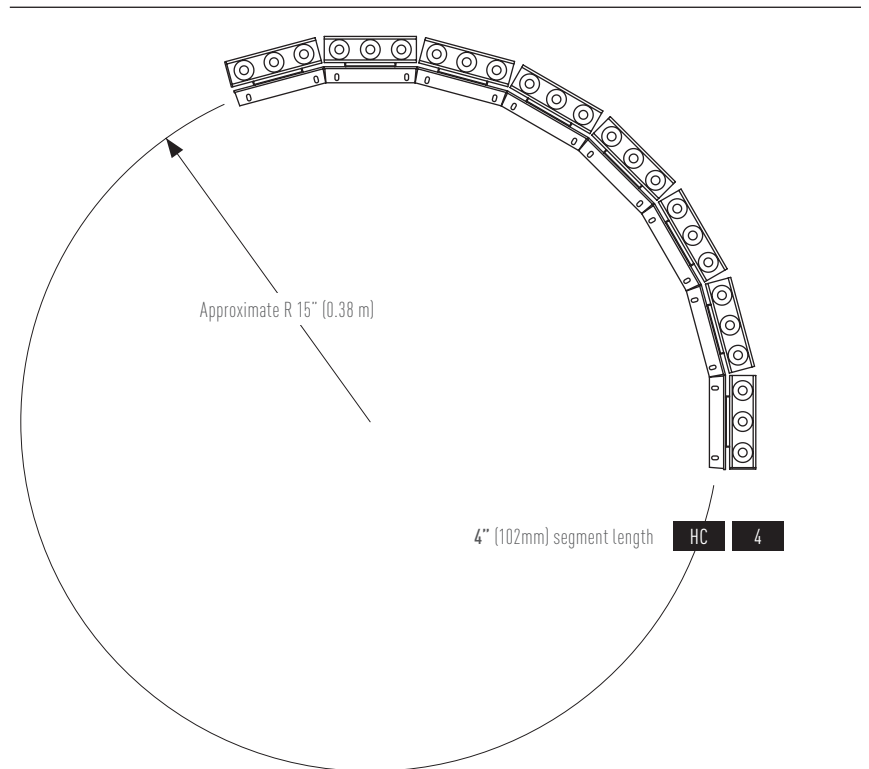
Each segment can be independently tilted in both directions, up to 8° interior and up to 16° exterior.



## BENDING

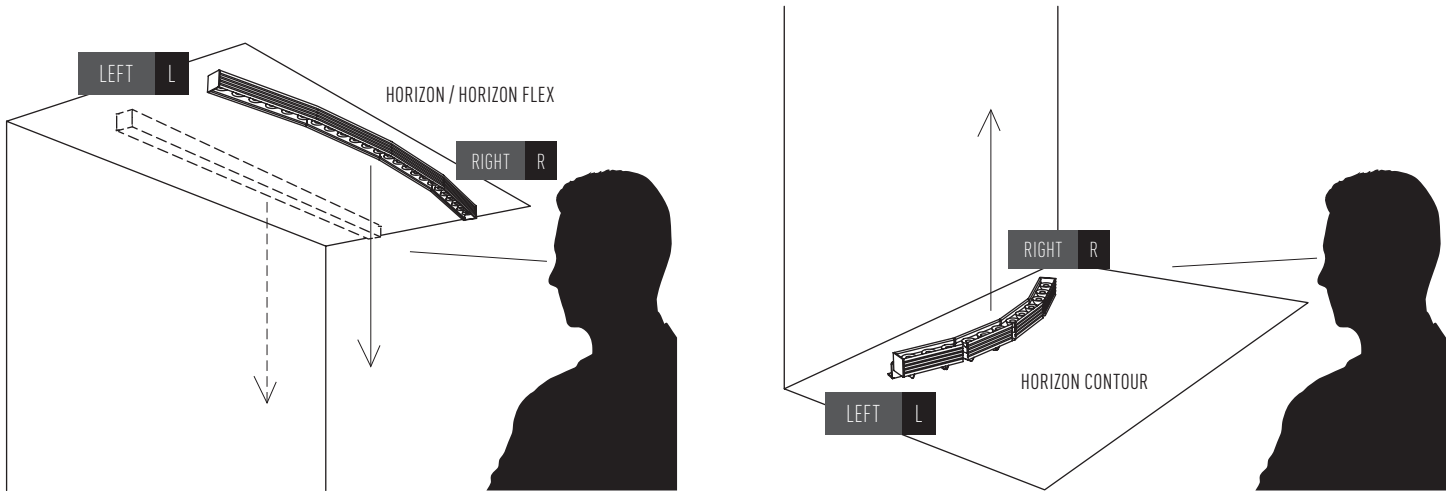


## CURVE RADIUS



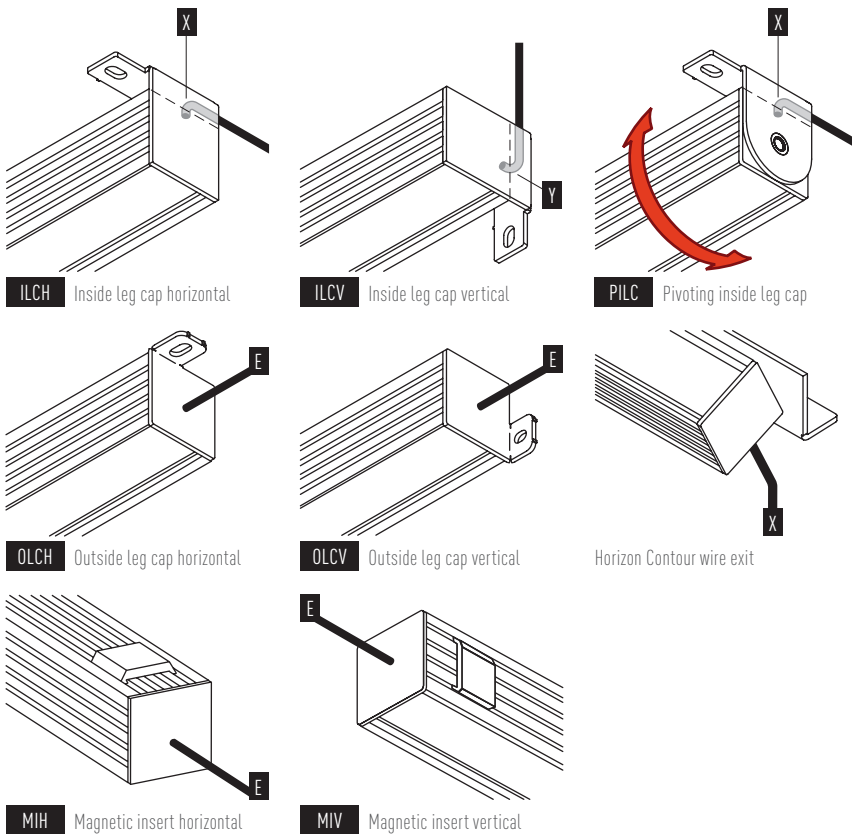
## Wiring options

### WIRE EXIT

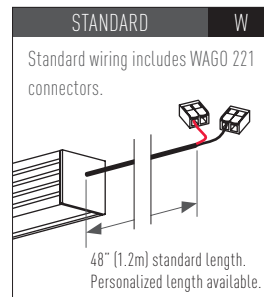
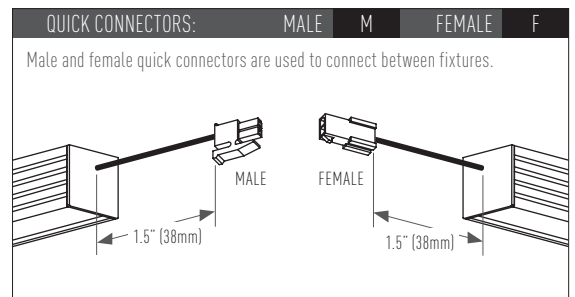


### WIRE DIRECTION

Wire direction depends on the mounting options specified.



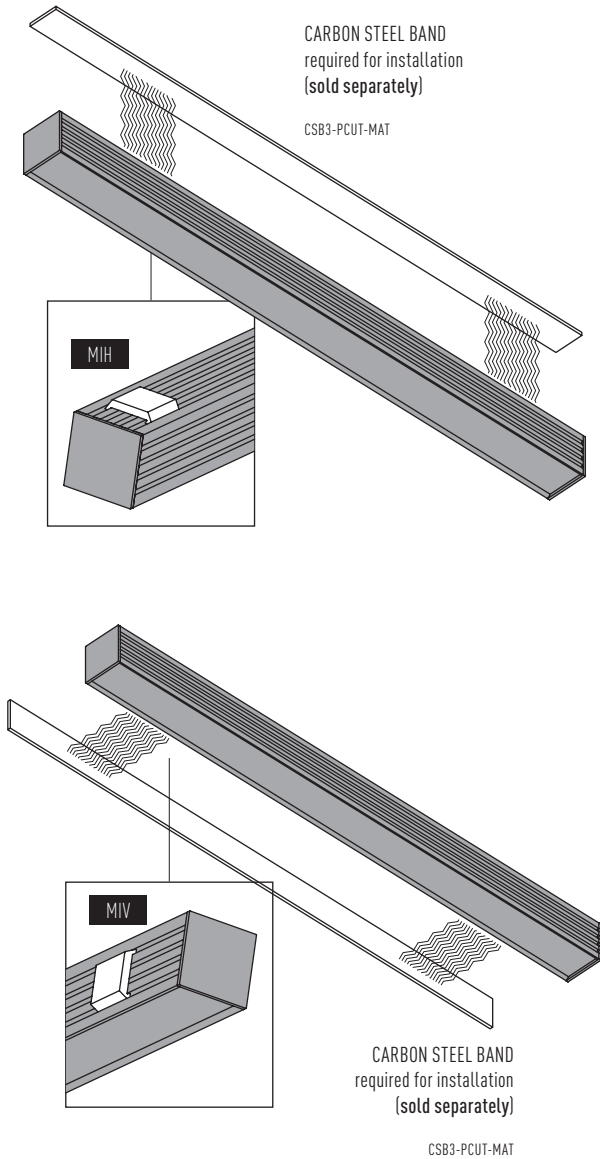
### WIRE CONNECTOR



## Integration overview

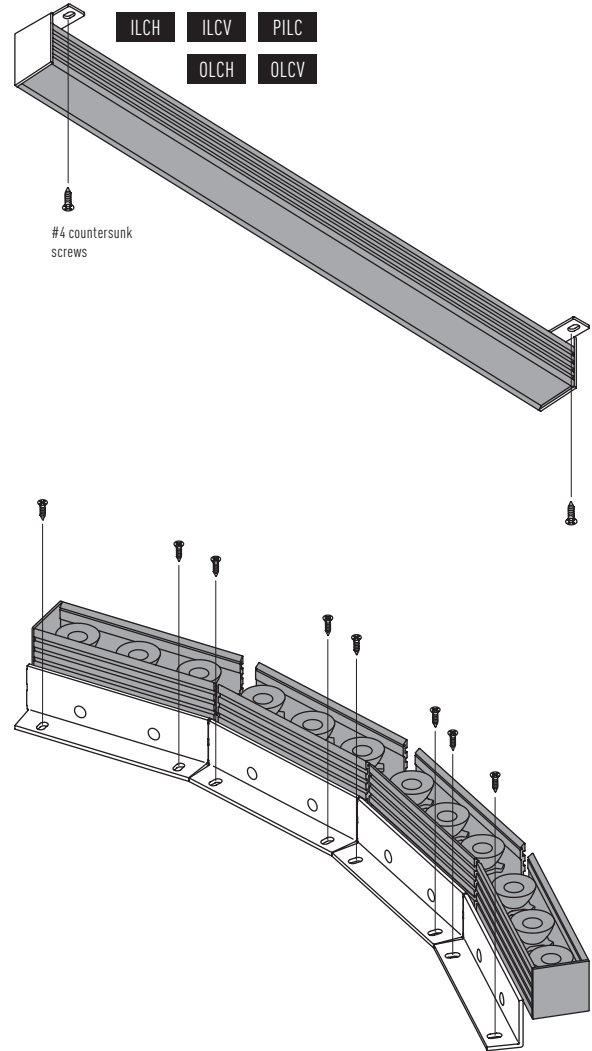
### MAGNETIC INSTALLATION

Magnetic insert horizontal and vertical available for HORIZON and HORIZON FLEX.



### HARDWARE INSTALLATION

Installation by screws available for HORIZON and HORIZON CONTOUR.

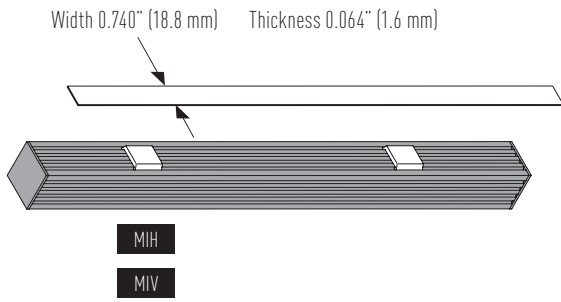


## Accessories

### Carbon steel band (type 3)

#### CSB3-PCUT-MAT

Required for magnetic installation. Pre-cut to match ordered lengths.





# HORIZON ordering code

PRODUCT		CORE OPTIONS						EXTENDED OPTIONS								
ID	MOUNTING OPTION	INPUT	OUTPUT	FINISH	CCT	CRI	OPTIC FILM	LENGTH	WIRING OPTIONS							
<b>H</b> HORIZON	<b>MIH</b>	<b>24V</b>	<b>8W</b>	<b>ABK</b>	<b>2200K</b>	<b>80</b>	<b>7D.NBF</b>	<b>8.3 to 96.3</b>	ILCH, PILC							
	<b>MIV</b>		<b>10W</b>	<b>ACL</b>	<b>2700K</b>	<b>80</b>	<b>11D.NBF</b>		EXIT DIRECT. CONN. LENGTH EXIT DIRECT. CONN. LENGTH							
	<b>PILC</b>		Watt per foot	<b>MW</b>	<b>3000K</b>	<b>80</b>	<b>28D.NBF</b>	<b>8.4 to 96.4</b>	L	X	W	48	R	X	W	48
	<b>ILCH</b>			<b>ABK</b>	<b>3500K</b>	<b>80</b>	<b>42D.NBF</b>									
	<b>ILCV</b>			<b>ACL</b>	<b>4000K</b>	<b>80</b>	<b>8X52D.LOF</b>	F	1.5	CUST.	F	1.5	CUST.			
	<b>OLCH</b>			<b>MW</b>	<b>7D.NBF.L</b>	<b>11D.NBF.L</b>	<b>28D.NBF.L</b>							<b>42D.NBF.L</b>		
<b>OLCV</b>																

Please note that each mounting option has its selective wiring directions.

**MIH** Magnetic insert horizontal  
**MIV** Magnetic insert vertical  
**ILCH** Inside leg cap horizontal  
**OLCH** Outside leg cap horizontal  
**ILCV** Inside leg cap vertical  
**OLCV** Outside leg cap vertical  
**PILC** Pivoting leg cap  
**PILC** Pivoting leg cap

**#D** Optic  
**NBF** Narrow beam filter  
**LOF** Linear optic filter  
**L** Square louvers (8")

Inches Available in increment of 8".

ILCV							
EXIT	DIRECT.	CONN.	LENGTH	EXIT	DIRECT.	CONN.	LENGTH
L	Y	W	48	R	Y	W	48
			CUST.				CUST.
		M	1.5			M	1.5
			CUST.				CUST.
F	1.5	F	1.5				
	CUST.		CUST.				

MIH, MIV, OLCH, OLCV							
EXIT	DIRECT.	CONN.	LENGTH	EXIT	DIRECT.	CONN.	LENGTH
L	E	W	48	R	E	W	48
			CUST.				CUST.
		M	1.5			M	1.5
			CUST.				CUST.
F	1.5	F	1.5				
	CUST.		CUST.				

Lengths are in inches  
**W** Standard connector - **M** Male quick connector - **F** Female quick connector  
 For further details, refer to "Wiring option" section.

EXAMPLE	ORDERING CODE							INCHES		Single wire exit		or		Double wire exit	
	ID	MOUNTING	INPUT	OUTPUT	FINISH	CCT	CRI	OPTIC FILM	LENGTH	CONN.	LENGTH	CONN.	LENGTH	CONN.	LENGTH
	H	ILCH	24V	10W	ABK	3000K80		28D.NBF	88.3	LXW48	48	LXM6+RXF6	48		

## Available overall lengths

MIH, MIV, ILCH, ILCV			PILC			OLCH, OLCV					
inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
8.3	211	40.3	1024	72.3	1837	8.4	214	40.4	1027	72.4	1839
16.3	414	48.3	1227	80.3	2040	16.4	417	48.4	1230	80.4	2043
24.3	618	56.3	1430	88.3	2243	24.4	620	56.4	1433	88.4	2246
32.3	821	64.3	1634	96.3	2446	32.4	823	64.4	1636	96.4	2449

# HORIZON FLEX ordering code

PRODUCT			CORE OPTIONS							EXTENDED OPTIONS							
ID	SEGMENT LENGTH	MOUNTING OPTION	INPUT	OUTPUT	FINISH	CCT CRI		OPTIC FILM	LENGTH	WIRING							
HF	8	MIH MIV	24V	8W 10W	ABK ACL MW	2200K 2700K 3000K 3500K 4000K	80 80 80 80 80	7D.NBF 11D.NBF 28D.NBF 42D.NBF 8X52D.LOF 7D.NBF.L 11D.NBF.L 28D.NBF.L 42D.NBF.L	16.5 to 73.8	EXIT	DIRECT.	CONN.	LENGTH	EXIT	DIRECT.	CONN.	LENGTH
	In inches	MIH Magnetic insert horizontal MIV Magnetic insert vertical		Watt per foot	ABK Anodized black ACL Anodized clear MW Matte white				In inches Available in increment of 8". (See available lengths)	L	E	W M F	48 CUST. 1.5 CUST. 1.5 CUST.	R	E	W M F	48 CUST. 1.5 CUST. 1.5 CUST.

Lengths are in inches  
**W** Standard connector - **M** Male quick connector - **F** Female quick connector  
 Refer to "Wiring option" section for details.

ORDERING CODE EXAMPLE	HF	-	8	-	MIH	-	24V	-	10W	-	ABK	-	3000K80	-	28D.NBF	-	INCHES	57.4	-	

## Available overall lengths

Single wire exit		Double wire exit	
inches	mm	inches	mm
16.5	419	49.3	1250
24.7	627	57.4	1458
32.9	835	65.6	1666
41.1	1042	73.8	1874

# HORIZON CONTOUR ordering code

PRODUCT		CORE OPTIONS						EXTENDED OPTIONS																																	
ID	SEGMENT LENGTH	INPUT	OUTPUT	FINISH	CCT	CRI	OPTIC FILM	LENGTH	WIRING																																
HC	4	12V	8W 10W	ABK ACL MW	2200K 2700K 3000K 3500K 4000K	80	7D.NBF 11D.NBF 28D.NBF 42D.NBF 8X52D.LOF	8.5 to 63.8	<table border="1"> <thead> <tr> <th>EXIT</th> <th>CONN.</th> <th>LENGTH</th> <th>EXIT</th> <th>CONN.</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr> <td rowspan="3">L</td> <td rowspan="2">W</td> <td>48</td> <td rowspan="2">R</td> <td rowspan="2">W</td> <td>48</td> </tr> <tr> <td>CUST.</td> <td>CUST.</td> </tr> <tr> <td>M</td> <td>1.5</td> <td>M</td> <td>M</td> <td>1.5</td> </tr> <tr> <td rowspan="2">F</td> <td rowspan="2">1.5</td> <td>CUST.</td> <td rowspan="2">F</td> <td rowspan="2">F</td> <td>CUST.</td> </tr> <tr> <td>CUST.</td> <td>CUST.</td> </tr> </tbody> </table>						EXIT	CONN.	LENGTH	EXIT	CONN.	LENGTH	L	W	48	R	W	48	CUST.	CUST.	M	1.5	M	M	1.5	F	1.5	CUST.	F	F	CUST.	CUST.	CUST.
EXIT	CONN.	LENGTH	EXIT	CONN.	LENGTH																																				
L	W	48	R	W	48																																				
		CUST.			CUST.																																				
	M	1.5	M	M	1.5																																				
F	1.5	CUST.	F	F	CUST.																																				
		CUST.			CUST.																																				
In inches		Watt per foot		ABK Anodized black			#D Optic	In inches Available in increment of 4". (See available lengths)	Lengths are in inches <b>W</b> Standard conn. - <b>M</b> Male quick conn. - <b>F</b> Female quick conn. For further details, refer to "Wiring option" section.																																
				ACL Anodized clear			NBF Narrow beam filter																																		
				MW Matte white			LOF Linear optic filter																																		

ORDERING CODE	EXAMPLE								Single wire exit		or		Double wire exit	
	HC	4	12V	10W	ABK	3500K80	11D-NBF	INCHES 42.5	LW48	LM6+RF6				

## Available overall lengths

inches	mm	inches	mm	inches	mm	inches	mm
8.5	216	25.5	648	42.5	1080	59.5	1512
12.8	324	29.8	756	46.8	1188	63.8	1620
17.0	432	34.0	864	51.0	1296		
21.3	540	38.3	972	55.3	1404		

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## Warranty

Our products and relative parts are guaranteed for **three (3) years**. See our terms and conditions on [www.eklipselighting.com](http://www.eklipselighting.com)