

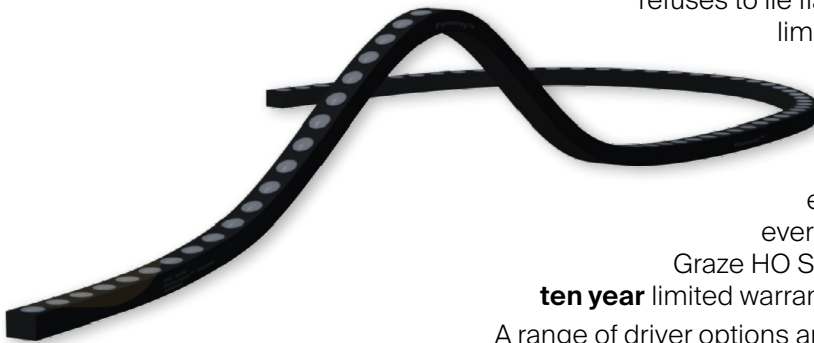
PROJECT

FIRM

ORDER #

TYPE

QTY

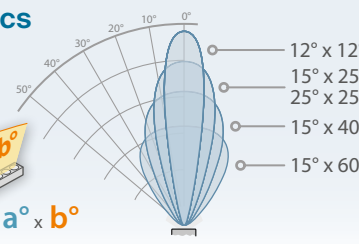


Flex Graze HO SC™ fixtures provide the perfect fit wherever your world refuses to lie flat. Unlike most linear fixtures, which are strictly limited to bend only along one axis, Flex Graze HO SC can achieve both horizontal and vertical bends to precisely match complex profiles.

Thanks to our careful binning policies, consistent color temperature rendering (3-step MacAdam ellipse) is assured not only across the full length of every spool, but also between multiple batches. Flex Graze HO SC fixtures also benefit from an industry-leading **ten year** limited warranty to ensure complete confidence.

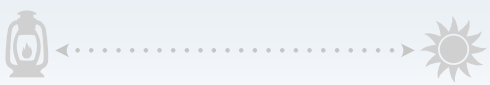
A range of driver options are available to allow control via DMX, 0-10V or DALI. Alternatively, Flex Graze HO SC runs can also be integrated directly into mains-level dimming systems using our reverse/forward phase MLE dimmer drivers.

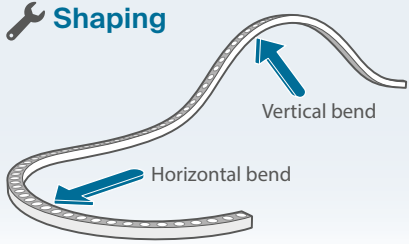
At a glance


Optics



Emitters

2400K or 2700K or 3000K or 3500K or 4000K or 5700K




Shaping



Power

Low voltage:
24VDC
via driver


Temperature

-40° F to 131° F
-40° C to 55° C


Protection

Ingress: IP67
Impact: IK10
Vibration: 3G


Output

Up to
737 lumens
per linear foot


Core technology


Configure your product

FGA-2

1 - Xnnn

N

Example final code: **FGA-211-X016EGN**

Finish:
1 = Black
2 = White

Length:
Please see below

Optics:
C = 12° x 12°
E = 25° x 25°
N = 15° x 25°
P = 15° x 40°
R = 15° x 60°

Emitters:
C = 2400K
D = 2700K
E = 3000K
F = 3500K
G = 4000K
J = 5700K



Please specify the required length by quoting the number of 9.84" (250mm) sections as a three-figure number between 001 and 016 (equating to lengths between 250mm and 4000mm). The three-figure number should immediately follow the 'X'. For example, for a 3m length (with 25° optics, 3000K emitters and black casing) the order code would be:

FGA-211-X012EEN

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Specifications

Emitters	2400K, 2700K, 3000K, 3500K, 4000K or 5700K
Optics	12° x 12°, 15° x 25°, 25° x 25°, 15° x 40° or 15° x 60°
Output	Up to 737 lumens per foot (80 CRI)
Color consistency	3-step MacAdam ellipse (SDCM)
Lumen maintenance	L ₇₀ 80,000 hours (@ 25° C)
Control	Low voltage control via optional AL Driver: DMX (0-100%), DALI (0-100%) or 0-10V (1-100%) Mains-level control via optional MLE driver: TRIAC (forward phase) or ELV (reverse phase) - (1-100%)
Operating voltage	24VDC
Power consumption	7.3W per linear foot (24W per linear meter)
Connection	16.4' (5m) injection molded feed cable with bare tails entering from the rear at one end
Fixture lengths	Built to order lengths from 9.84" (250mm) to 13.1' (4m). Sections points every 9.28" (250mm)
Minimum bends	Vertical bend radius: 15.7" (400mm). Horizontal bend radius: 31.5" (800mm)
Mounting	Press-fit aluminum channels in various lengths: 2" (50mm) to 6.5' (2m)
Material	UV resistant silicone
Finish	White or black
Ambient temperature range	-40° F to 131° F (-40° C to 55° C)
Ingress protection	IP67, wet location and temporary submersion (1 meter for up to 1 hour)
Impact protection	IK10, protection against 20 joule impact (40cm distance)
Vibration protection	ANSI C136.31, 3G-rated for high vibration and bridge applications
Warranty	10 years, limited
Weight	2.4 lbs (1.1 kg)
Dimensions	See page 6

Certifications	    
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* UL approval limits submersible installation to non-human occupied and freshwater locations only. All cables must be landed in environmentally suitable junction boxes.

Photometrics

For all available IES files, please visit acclaimlighting.com/flex-graze-ho-sc

Optics	CCT	Lumens (/ft)	Efficacy (lm/W)	Max Candela
12° x 12°	4000K	637	82	2,528
15° x 25°	4000K	706	91	2,005
25° x 25°	4000K	737	95	1,677
15° x 40°	4000K	665	85	1,359
15° x 60°	4000K	605	79	1,071

To estimate other CCTs

To estimate the output for a color temperature other than 4000K, take the **lumen** value for the required optic and multiply it by one of the following:

- 2400K 0.68
- 2700K 0.86
- 3000K 0.83
- 3500K 0.89
- 5700K 0.97

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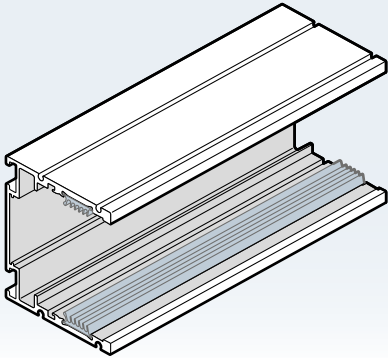
TYPE

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Related components *(channel dimensions on page 7)*

Rigid channel

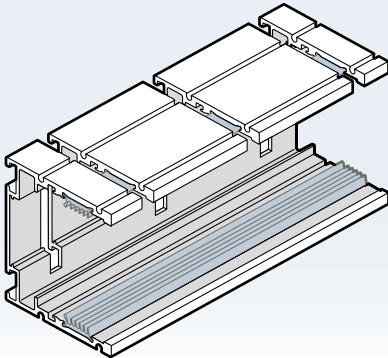
A rigid aluminum channel for straight Flex Graze HO SC runs. Available in 1.96" (50mm), 1.64' (500mm), 3.28' (1m) and 6.56' (2m) lengths. Supplied with between 2 and 10 screws, depending on the chosen length.



1.96" (50mm)	FGZCH50
1.64' (500mm).....	FGZCH500
3.28' (1m).....	FGZCH1000
6.56' (2m).....	FGZCH2000

Flexible channel for horizontal bends

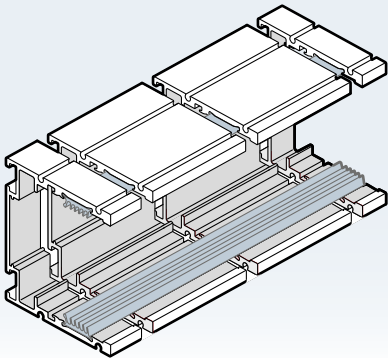
An aluminum channel with one sectioned side wall to allow bends to be formed in the horizontal axis. Available in 3.28' (1m) and 6.56' (2m) lengths. Supplied with 5 or 10 screws, depending on the chosen length.



3.28' (1m).....	FGZFHCH1000
6.56' (2m).....	FGZFHCH2000

Flexible channel for vertical bends

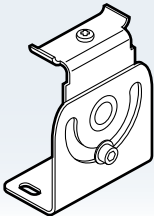
An aluminum channel with dual sectioned side walls to allow bends to be formed in the vertical axis. Available in 3.28' (1m) and 6.56' (2m) lengths. Supplied with 5 or 10 screws, depending on the chosen length.



3.28' (1m).....	FGZFVCH1000
6.56' (2m).....	FGZFVCH2000

Swivel mount

Robust stainless steel swivel mount bracket for use with all of the above channels. Features 180° swivel movement with locking bolt.



Swivel mount	FGZ180MB
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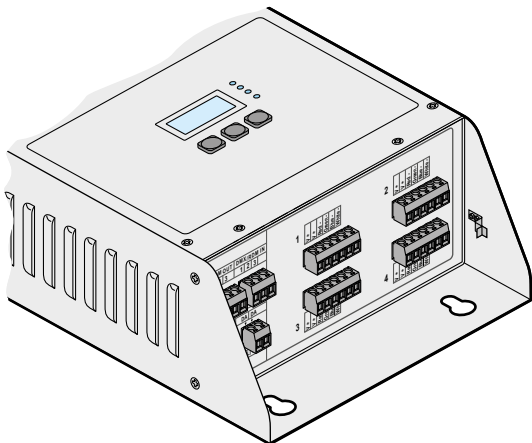
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TYPE

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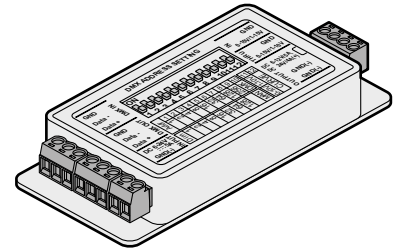
Related components

Drivers



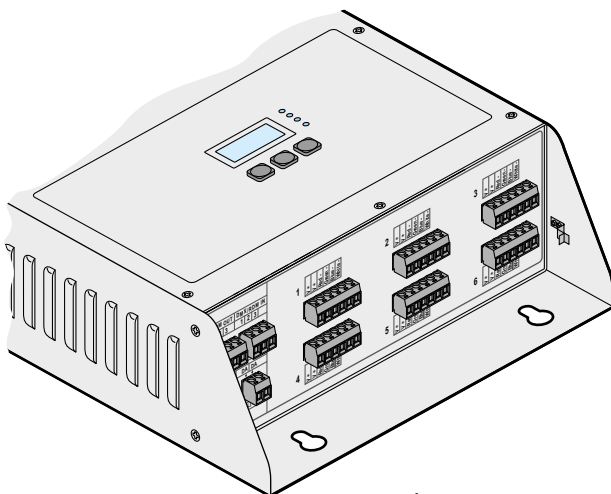
AL Driver 200 C2

200W 24VDC
4 output ports
2x 4m spools maximum
DMX, DALI or 0-10V
(sink or source)
Class 2 compliant
100-277VAC 50/60Hz
Part # **ALD-200-24 C2**



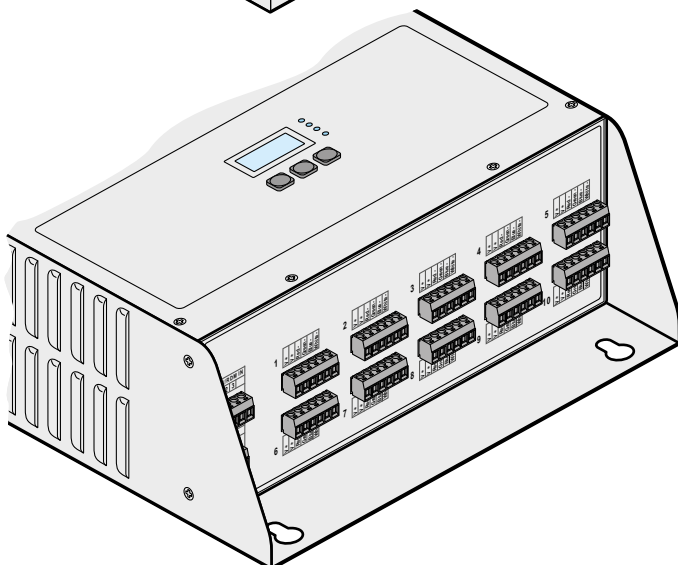
AL Driver 1

1x 4m spool
maximum
DMX or 0-10V
(sink or source)
6-24VDC input (use
in conjunction with
ALPS-series 24VDC
power supplies)
Part # **ALD001**



AL Driver 400 C2

400W 24VDC
6 output ports
4x 4m spools maximum
DMX, DALI or 0-10V
(sink or source)
Class 2 compliant
100-277VAC 50/60Hz
Part # **ALD-400-24 C2**



AL Driver 800 C2

800W 24VDC
10 output ports
8x 4m spools maximum
DMX, DALI or 0-10V
(sink or source)
Class 2 compliant
100-277VAC 50/60Hz
Part # **ALD-800-24 C2**

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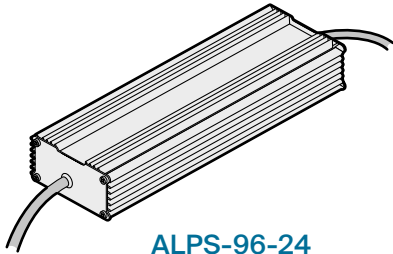
TYPE

QTY

Related components

Power supplies (wet and dry locations)

(for use with single channel drivers or non dimming applications)



ALPS-96-24

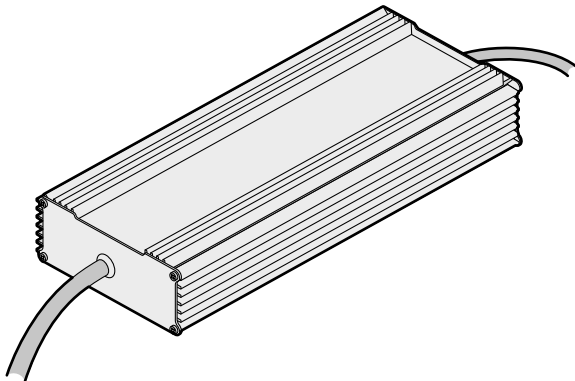
96W 24VDC

1x 4m spool maximum

IP66 ingress protection

100-277VAC 50/60Hz

Part # **ALPS-96-24**



ALPS-200-24

200W 24VDC

2x 4m spools maximum

IP66 ingress protection

100-277VAC 50/60Hz

Part # **ALPS-200-24**

ALPS-400-24

400W 24VDC

4x 4m spools maximum

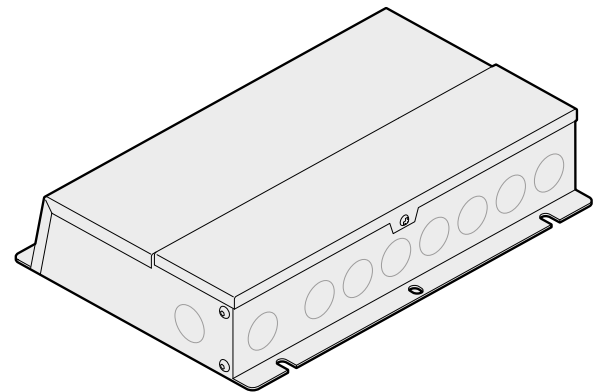
IP66 ingress protection

100-277VAC 50/60Hz

Part # **ALPS-400-24**

Mains (and 0-10V) dimmable drivers

(to allow Flex Graze HO SC to be integrated into traditional high voltage dimmer circuits)



- Can accept dimmed mains from forward phase (leading edge/TRIAC) or reverse phase (trailing edge/ELV) dimmers.
- 100-277VAC input.
- A 0-10V input (sink or source) is also provided for low voltage control when a stable mains supply is used.
- Produces a 1-100% dimming output.
- NEMA 3 enclosure (indoor/outdoor) 100-277VAC 50/60Hz
- Three variants are available:

1x 96W 24VDC

1x 4m spool maximum

Part # **MLE96-24DC-UD**

2x 96W (192W total) 24VDC

2x 4m spools maximum

Part # **MLE192-24DC-UD**

3x 96W (288W total) 24VDC

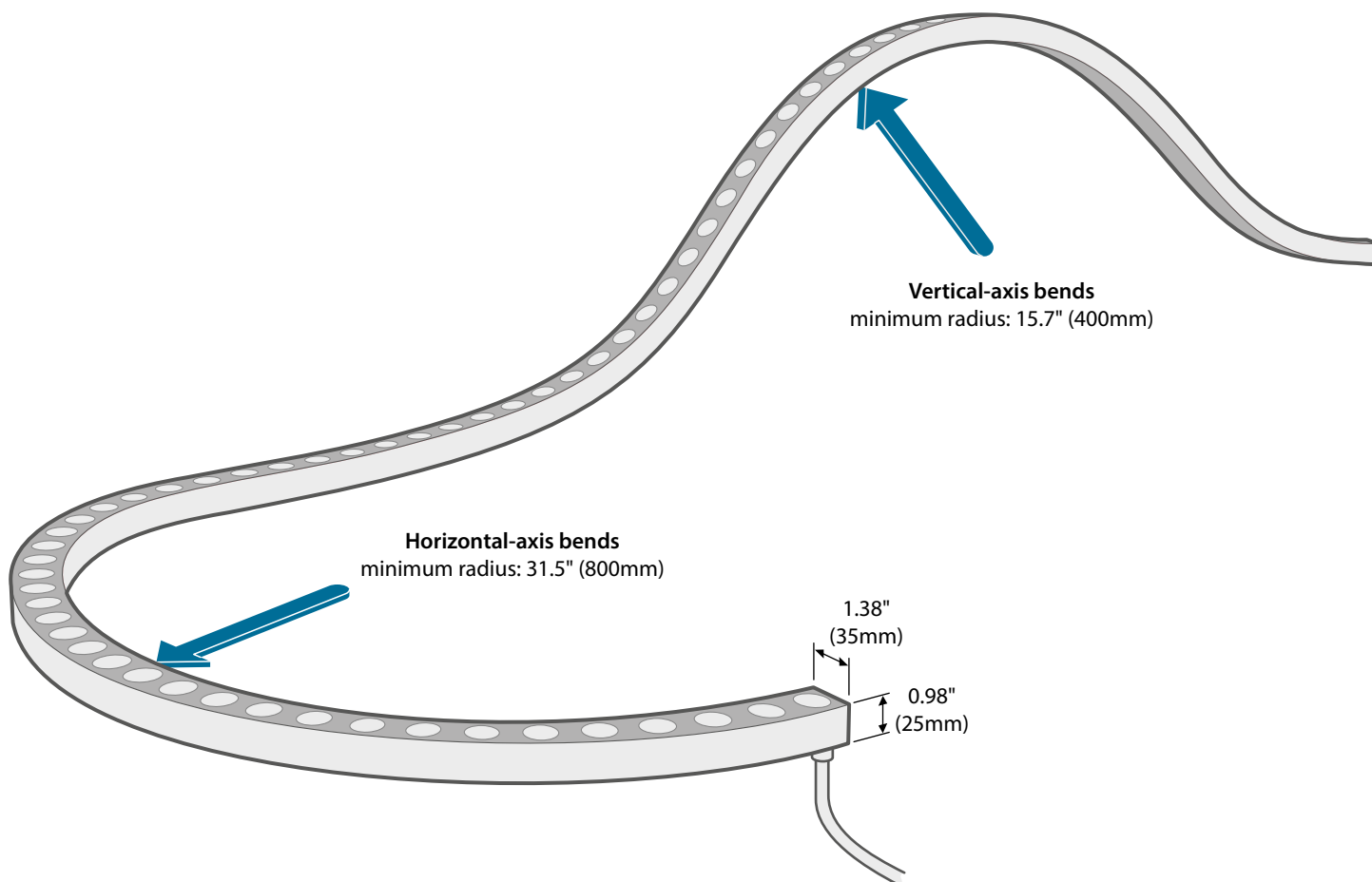
3x 4m spools maximum

Part # **MLE288-24DC-UD**

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Dimensions



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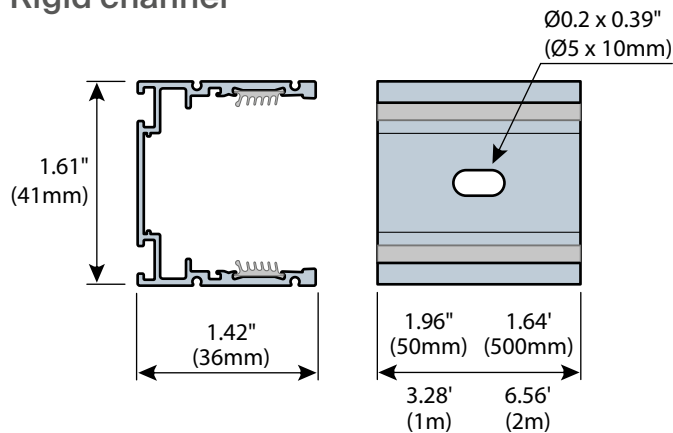
ORDER #

TYPE

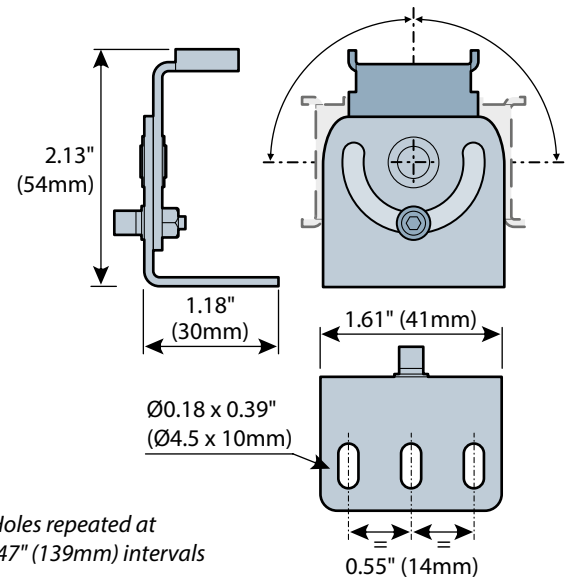
QTY

Dimensions

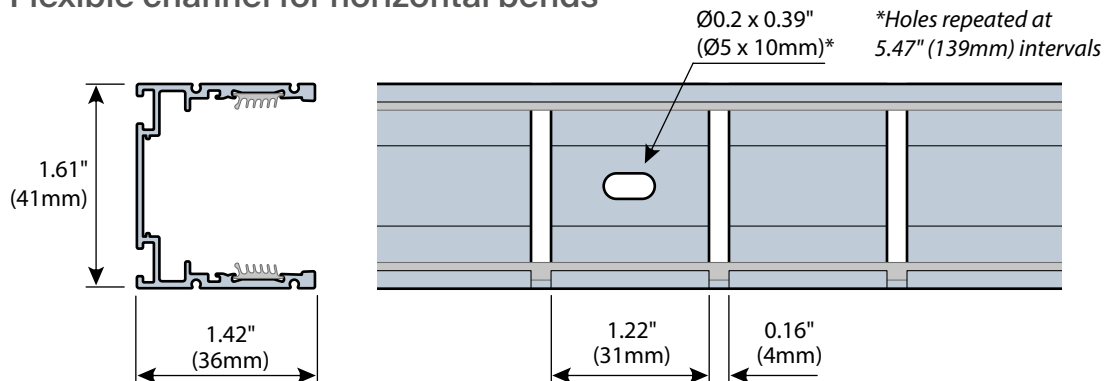
Rigid channel



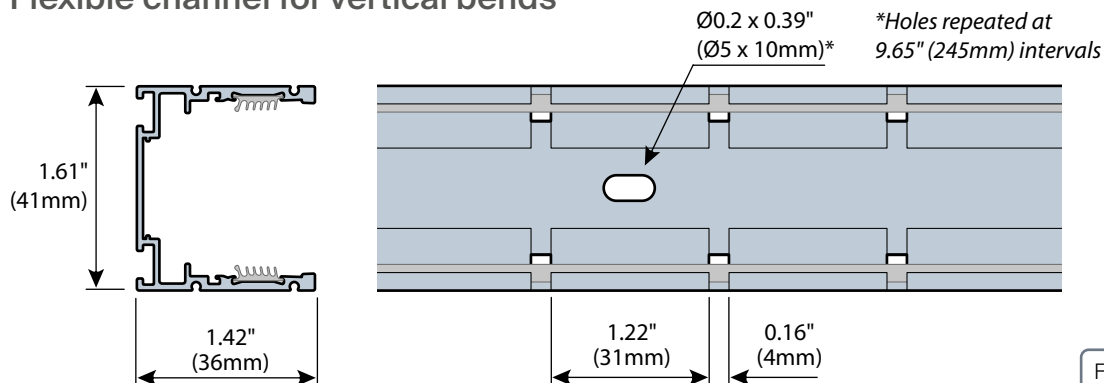
Swivel mount



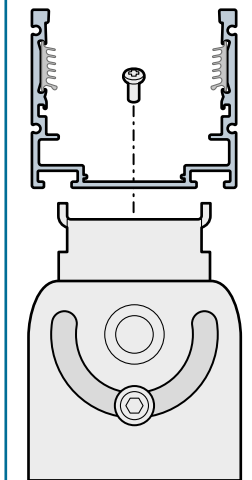
Flexible channel for horizontal bends



Flexible channel for vertical bends



Attaching a channel to the swivel mount



For full installation details, please refer to the **user guide**, available for free download here:

