

PROJECT

FIRM

ORDER #

TYPE

QTY


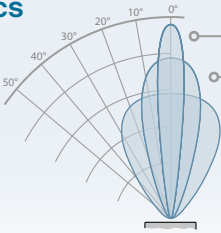


Pixel Graze™ is a linear wall grazing fixture that provides individual control of five powerful pixels per linear foot. Numerous lens options and beam shaping accessories are available to ensure the right fit to each location.


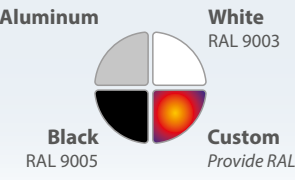
Pixel Graze is available in 1 foot and 4 foot lengths, each with a choice of RGBW or Dynamic White emitters. All units are IP66 rated for wet location use.

Control is achieved using DMX, with RDM for remote configuration. The internal auto-sensing power supply within each unit can accept mains inputs between 100 to 277VAC at 50 or 60Hz.


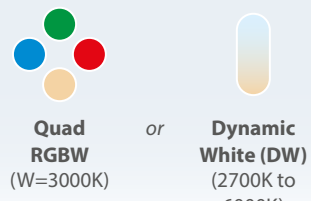
At a glance


Optics



- 10° x 10°, 10° x 60°
- 30° x 60°
- 60° x 60°


Finish color



- Aluminum
- White (RAL 9003)
- Black (RAL 9005)
- Custom (Provide RAL)


Emitters



- Quad RGBW (W=3000K)
- or
- Dynamic White (DW) (2700K to 6000K)


Power


100 to 277VAC
50/60Hz


Temperature


-40° F to 122° F
-40° C to 50° C


Runs

Up to 45' (13.7m)


Protection

Ingress: IP66 (wet location)


Core technology

SpectrumFour technology

Configure your product

PGA - 2

1 -

N

Example final code: **PGA-211-DKLN**

Finish color:

1 = Black* (RAL 9005)
2 = White* (RAL 9003)
4 = Aluminum
7 = Custom* (RAL #)

Length:

A = 1' (305mm)
D = 4' (1220mm)

Optics:

C = 10° x 10°
K = 60° x 60°
P = 10° x 60°
Q = 30° x 60°

Emitters:

L = RGBW (W=3000K)
M = DW (2700K - 6000K)

* indicates special order items, which may require longer lead times



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Specifications

Emitters	Spectrum RGBW (W=3000K) or Dynamic White (2700K-6000K)
Optics	10° x 10°, 10° x 60°, 30° x 60°, 60° x 60°
Output	Up to 435 lumens per linear foot
Lumen maintenance	L ₇₀ 150,000 hours (@ 25° C)
Control	0-100% dimming via wired DMX (with RDM configuration)
Maximum fixtures in series	25' (7.6m), with individual pixel control / 45' (13.7m) with 1' sectional control
Housing lengths	1' (305mm) or 4' (1220mm)
Operating voltage	100-277VAC, 50/60Hz
Power consumption	1': 30W 4': 105W
Connection	Linkable multi-pin AC + signal cable, bare wire feed cable
Mounting	Non-adjustable & 30° swivel mount included, 90° swivel mount optional
Material	Anodized aluminum, glass lens
Finish	Finished aluminum, optional marine coating available
Ambient temperature range	-40° F to 122° F (-40° C to 50° C)
Ingress protection	IP66, wet location
Vibration protection	ANSI C136.31, 3G-rated for high vibration and bridge applications
Warranty	5 years, limited
Weight	1': 2.8 lbs (1.27 kg) 4': 11.2 lbs (5 kg)
Dimensions	See page 5
Certifications	  

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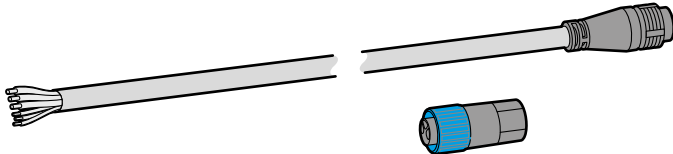
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Related components

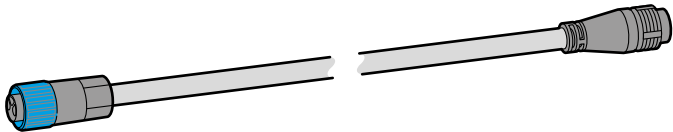
Cables

Feed cables (inc terminator)



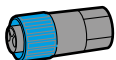
10' (3m) **H6FC10**
50' (15.2m) **H6FC50**

Link cables



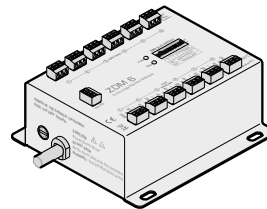
1' (30cm) **H6LC1**
5' (1.5m) **H6LC5**
10' (3m) **H6LC10**

Terminator (end cap)

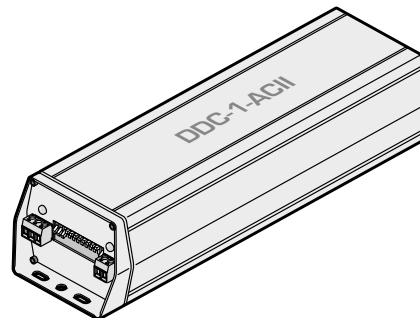


Terminator **H6EC**

Signal protocol converters (see page 7)

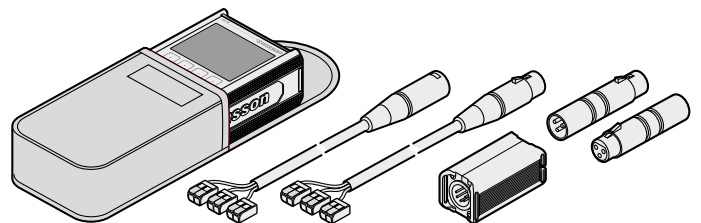


0-10V multiple channel converter **ZDM 6**



DALI multiple channel converter **DDC 1AC**

Test and configuration tool kit



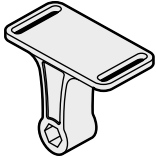
XMT-500
DMX/RDM, ArtNet and sACN test/configuration tool with cable dangle, 3/5-pin converters, bare cable connectors and pouch



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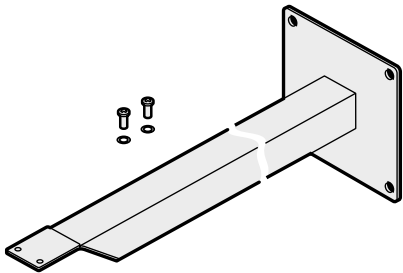
Mounting accessories

90 degree bracket (2 required per fixture)



90° bracket **PGA90B**

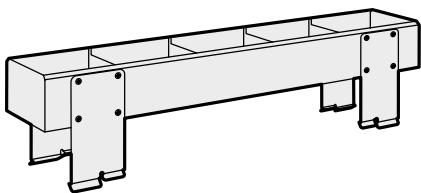
Extender bars



6" (15cm) **PGAEB6**
 1' (30cm) **PGAEB12**
 3' (91cm) **PGAEB36**

Beam shaping accessories

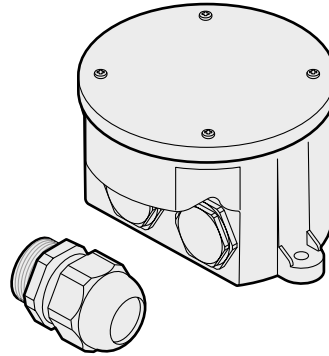
Louvers



1' louver **PGALV12**
 4' louver **PGALV48**

Connection accessory

IP66 junction box (plus outlet cable gland)



Part # **AJBOX1**
 IP66 NEC compliant high+low voltage junction box
 1/2" conduit inputs for AC + DMX, 3/4" conduit for H6FC#
 Built-in AC surge protection up to 10kV & 10kA
 Suitable for 120-277VAC runs.



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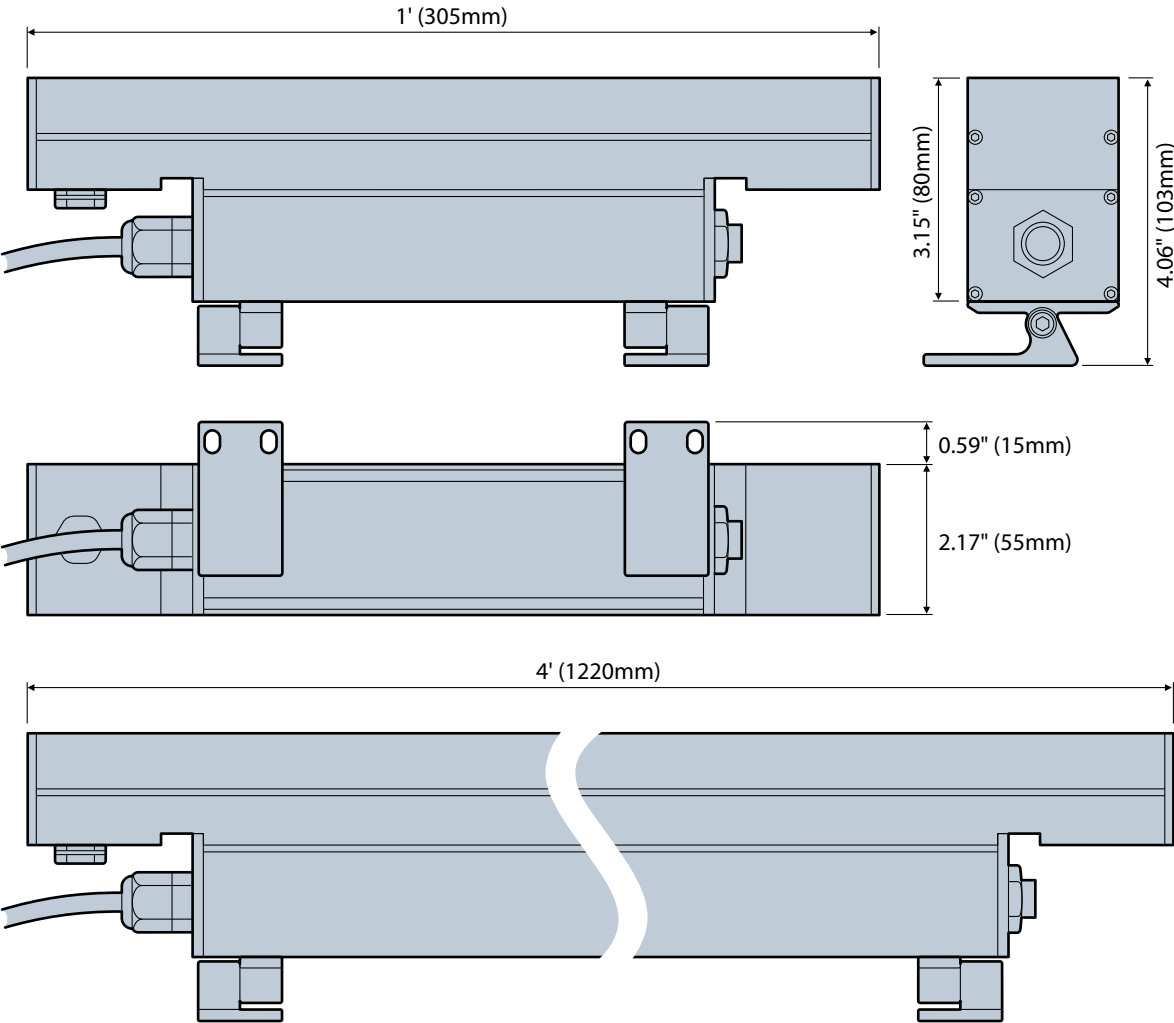
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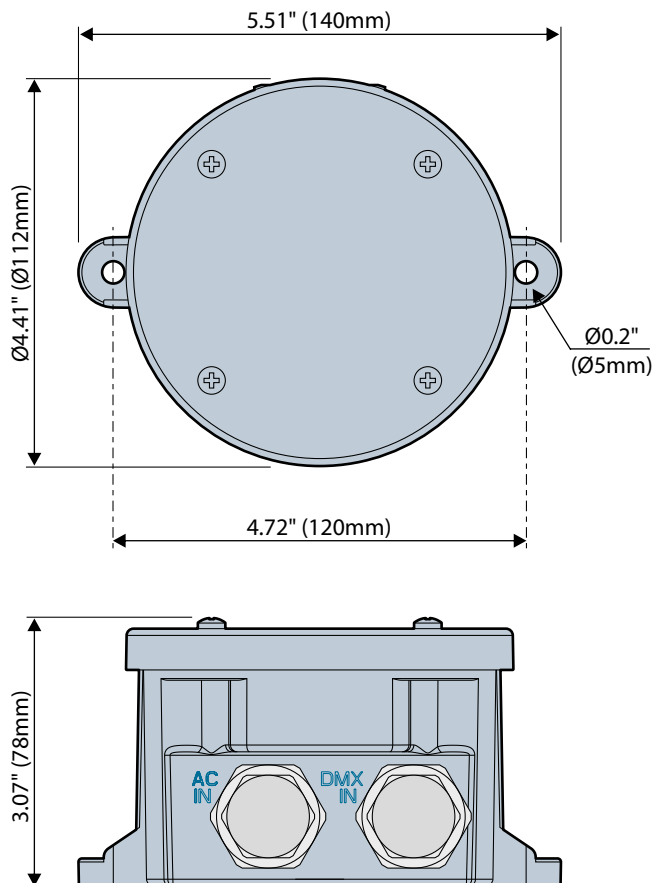
Dimensions



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Dimensions

AJBOX1



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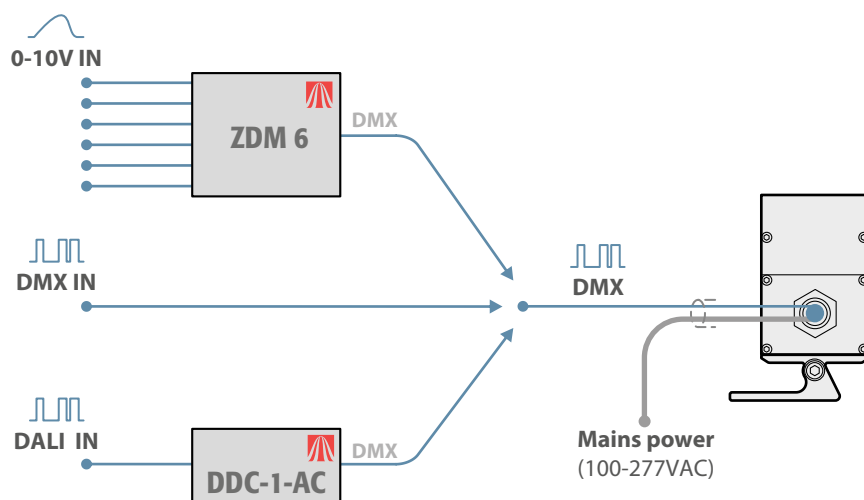
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Using other control inputs

Pixel Graze fixtures use DMX as their native control method, however, it is possible to use other common control protocols when required, such as 0-10V (source or sink) or DALI.

Control inputs via converters

- DMX - connect a DMX input directly to the feed cable.
- 0-10V - use an Acclaim Lighting ZDM 6 to convert one or more analog control feeds into a combined DMX feed.
- DALI - use an Acclaim Lighting DDC-1-AC to convert one or more DALI channels into a combined DMX feed.



When using Acclaim Lighting ZDM 6 or DDC-1-AC modules it is possible to convert multiple inputs into separate DMX channels within a consolidated feed - thus allowing multiple Pixel Graze fixtures to be uniquely addressed. The ZDM 6 can convert up to six 0-10V inputs into DMX channels, whereas the DDC-1-AC can convert a maximum of 64 DALI channels (although large numbers of channels are not recommended due to the timing limitations of the DALI standard).

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

