PixelDOME™ & Power-Data Box

INSTALLATION GUIDE



CREATING NEW BEAUTY FOR OUR HOME PLANET™



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WARNING

Ensure that power supply is off before installing or wiring PixelDOME LED Luminaire, Power-Data Box Control Gear and 24VDC Power Supply Unit

PixelDOME LED Luminaire, Power-Data Box Control Gear and 24VDC Power Supply Unit must be installed by a qualified professional in accordance with NEC and relevant local codes.

Do not attempt to install or use PixelDOME LED Luminaire, Power-Data Box Control Gear and 24VDC Power Supply Unit until you read and understand the instruction manual and safety labels.

CAUTION

Do not exceed the specified voltage and current input.

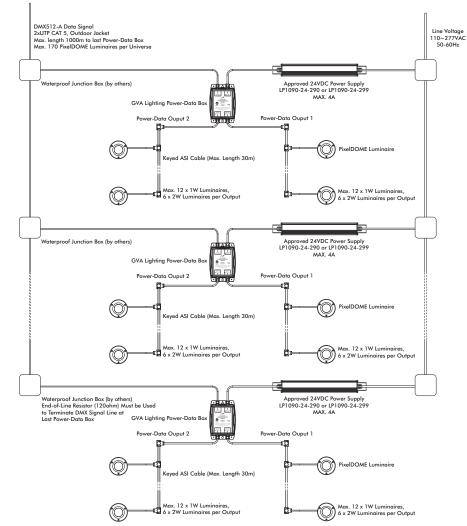
Do not exceed the maximum number of specified fixtures per light run. Doing so will result in current overload.

PixelDOME LED Luminaire, Power-Data Box Control Gear and 24VDC Power Supply Unit have no serviceable parts. Do not attempt to open the units.

Do not hot swap. Ensure power supply is off before connecting or disconnecting fixtures.

IGNORING A HAZARD WILL VOID ANY WARRANTY.

System Overview



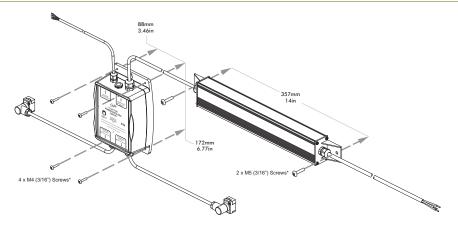
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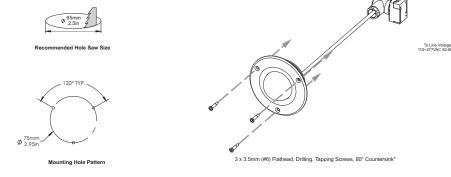


Power-Data Box and Power Supply Unit Mounting

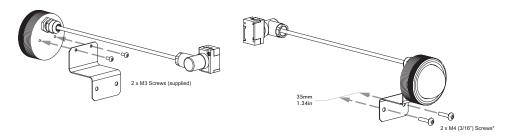


PixelDOME Luminaire Flange Mounting

This luminaire under no circumstances shall be covered with insulating matting material or similar material.



PixelDOME Luminaire Bracket Mounting



^{*}Screws supplied by others; type and length dependant on mounting substrate. To be determined by installing contractor.

WARNING

Ensure that power supply is turned off before wiring and connecting fixtures. Failing to do so can result in death or serious injury and will void the warranty.

CAUTION

Do not overload the Power Supply Unit. Doing so will void the warranty and result in product failure.

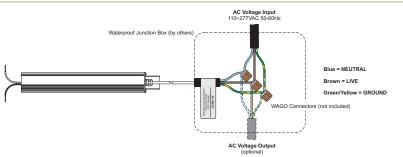
Ensure that correct polarity sources are connected to proper cable terminals. Failure to do so could result in serious injury or equipment damage and will void the warranty

Install according to local and national electric codes

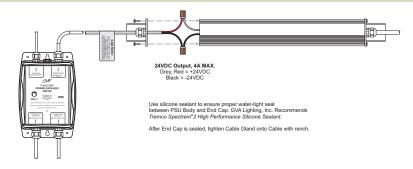
Make all connections within a suitable waterproof junction box (supplied by others.)

GVA Lighting, Inc. recommends the use of WAGO Service connectors or terminal blocks or solder joints for proper stable installation.

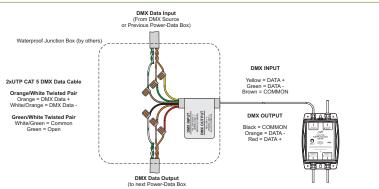
Power Supply Unit Line Voltage Input



Power Supply Unit 24VDC Output/Power-Data box Connection



Power-Data Box Data Line Connections



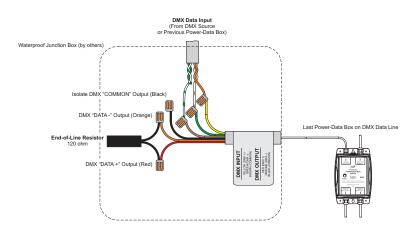
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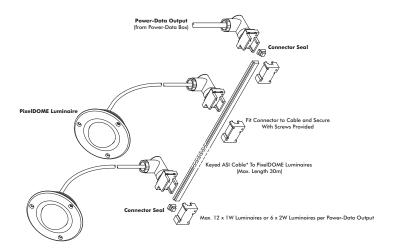
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End-of-Line Resistor Connections

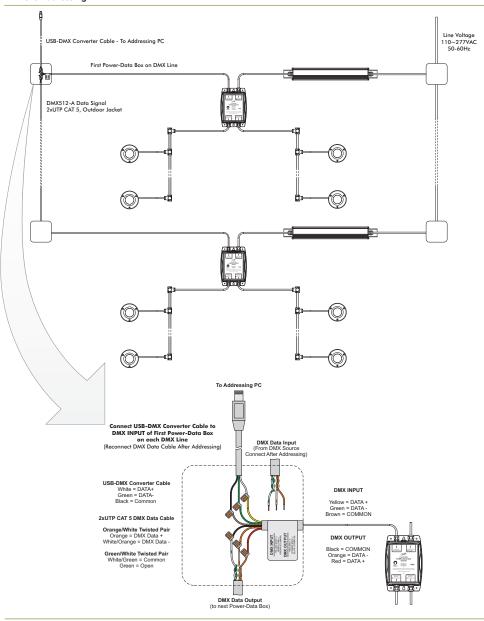


Power-Data Output/PixelDOME Luminaire Connections



*ASI cable supplied by others
Connector seal to be installed at Power-Data Output and at last PixelDOME Luminaire. Seals included with Power-Data Box.

Fixture Addressing



NOTE: The instructions and precautions set forth in this user guide are not necessarily all-inclusive, or relevant to all applications as GVA Lighting cannot anticipate all conceivable or unique situations

If you have any inquiries, support or troubleshooting requests please contact GVA Lighting at 1 877 GVA LIGT or send an email to Support@gvalighting.com.

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