DOTs PX

Datasheet

DOTs which are pixel controllable dot LED luminaires, perform gorgeous visual effects on facade applications. Dot family is designed to operate hassle-free for many years under harsh environmental conditions.

Flexible and customizable form allows installation for any type of surface.

Works in full compatibility with DMX512/RDM standards. With high speed data transmission feature, DOTs enable smooth visuals and video graphic animations on any facade.

Options

RGB
Red Green Blue

RGBW
Red Green Blue White

Control

External DMX512

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General Specifications

- With its UV-resistant PC body, it is designed to operate smoothly for many years under harsh environmental conditions.

- They provide visual harmony to architectural structures with cable and fixture color options.

- With IP67 protection class feature, they work flawlessly under harsh weather conditions.

- Due to external DMX512 protocol support, it provides full compatibility with external control software such as Madrix 5, ENTTEC ELM.

- Luminaire sequential control can be achieved by 3XDMX support for 510 pixel with RGB systems and with RGBW systems

CE RoHS COMPLIANT IP67

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General

Pixel Pitch	2.95 inch~19.69 inch*
Control	External DMX512
Color Depth	16,7 Milyon

*Cable distance between products may vary.

Physical

Size	1 31⁄32" x 1 21⁄32" x 1 19⁄64"
Body	Polycarbonate
Connections	Flat Cable
Working Temperature	-13°F ~ 122°F
Protection Class	IP67

Optical

Luminous Flux	70lm/px*
Viewing Angle	140°

*Lumen value is given when all LEDs are at full power.

Electrical

Power	1,4W/px
Operating Voltage	24VDC

1 21/32"

A

A

*A   2 61/64"
     3 15/16 "
     4 59/64 "
     5 29/32 "
     6 57/64 "
    18 45/64 "
    19 11/16 "

Options

1 31/32"

1 11/32"

0 33/64"

1 19/64"
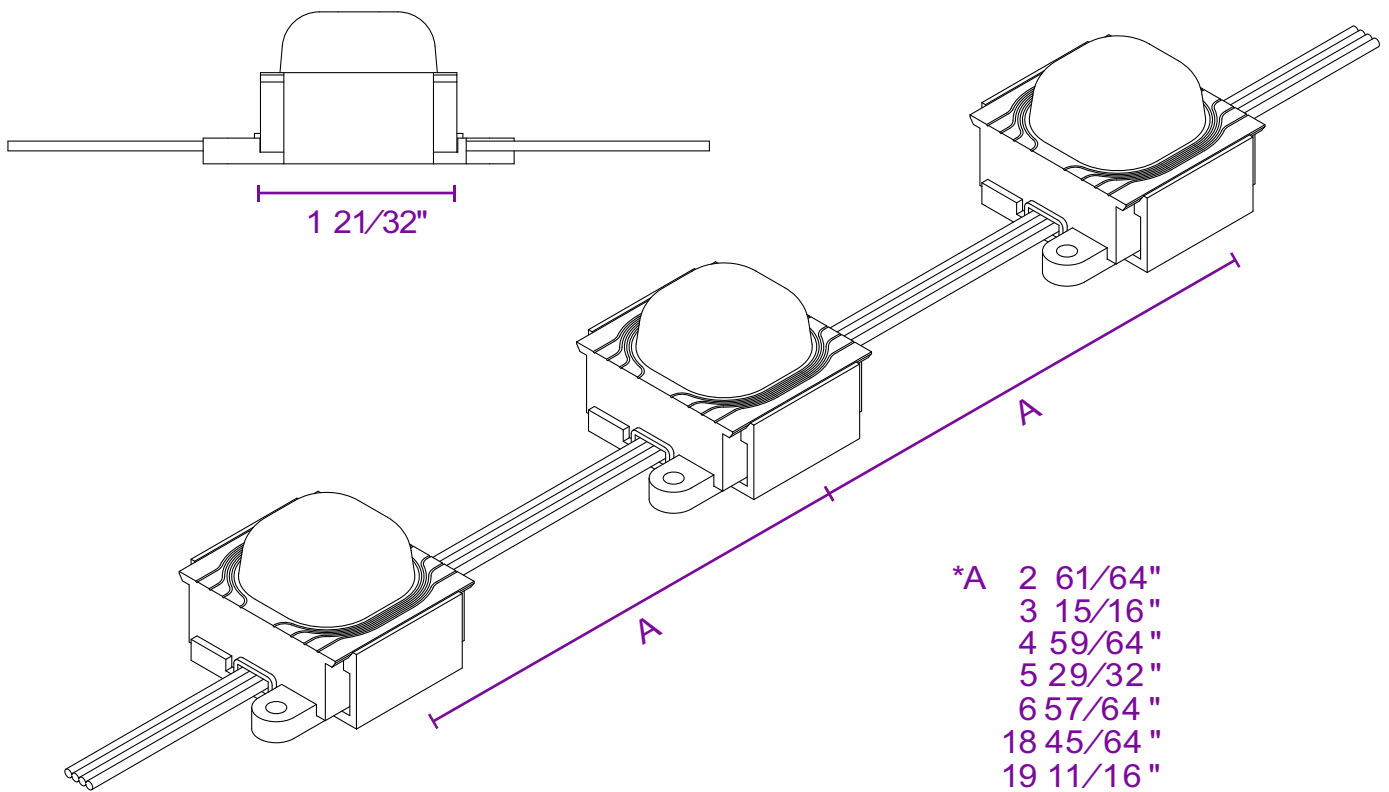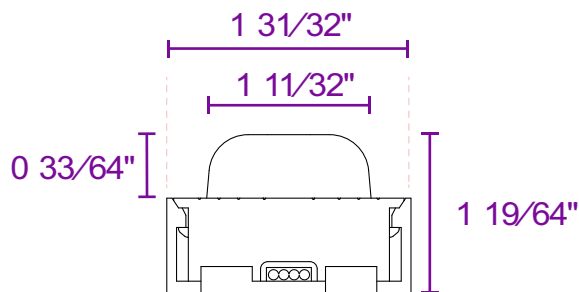
All dimensions are in inches

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Accessories

Connection Accessories

Extension cable

Input cable

Mounting Accessories

Standard mounting bracket

M4 Allen Key

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Connection Diagram

ENTTEC ELM, MADRIX 5 or any ArtNET Control Software

CAT6

ArtNET DMX
Controller

Indoor

Outdoor

Pixel Injector

Input Cable

Extension
cable

Termination
socket

Extension
cable

AC/DC
Power Supply

Termination
socket

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