Our Brands

traxon e:cue

OSRAM

Project: _____

Type: _____

PXL Distributor Pro 8

Allegro Dot PXL Distributor Pro 8 is the intelligent control hub for Allegro dynamic dot range fixture. The integrated controller allows direct e:net communication* with RDM and configuration flexibilities.

Product Specifications

Power Input	100-277V AC 50/60HZ
Power Consumption (Typ.)	PXL Distributor Pro 8: 10W Full system: 400W
Power Output (per port)	30V DC, max. 55W
Power Supply	Integrated 450W; isolated outputs for Class2 Compliance
Housing	Aluminium
Size (L x W x H)	418 x 235 x 108mm 16.46” x 9.25” x 4.25”
Weight	6.85kg / 15.1lb
Regulatory Listing & Safety Approval	cETLus, CE, UKCA, RoHS, REACH
Operating Temperature	-25°C to + 55°C / -13°F to +131°F
Storage Temperature	-40°C to +70°C / -40°F to +158°F
Environment	IP66 Outdoor Rated
Humidity	0 to 90% non-condensing
Control	e:net* IN and OUT
User Interface	LED for error, Ethernet activity, device status, RDM status, reset button, ON / OFF button

* An Ethernet-based e:cue protocol used for communication between e:cue Engines and Interfaces.

LED CHARACTERISTICS Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers “sort” LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

As with all electronic devices, LED output degrades over time – a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicate function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

This product contains a light source of energy efficiency class G to Regulation (EU) No 2019/2015.
Lumen measurement complies with LM-79-08 standard.
Lumen maintenance is calculated based on LM-80 compliant measurement.

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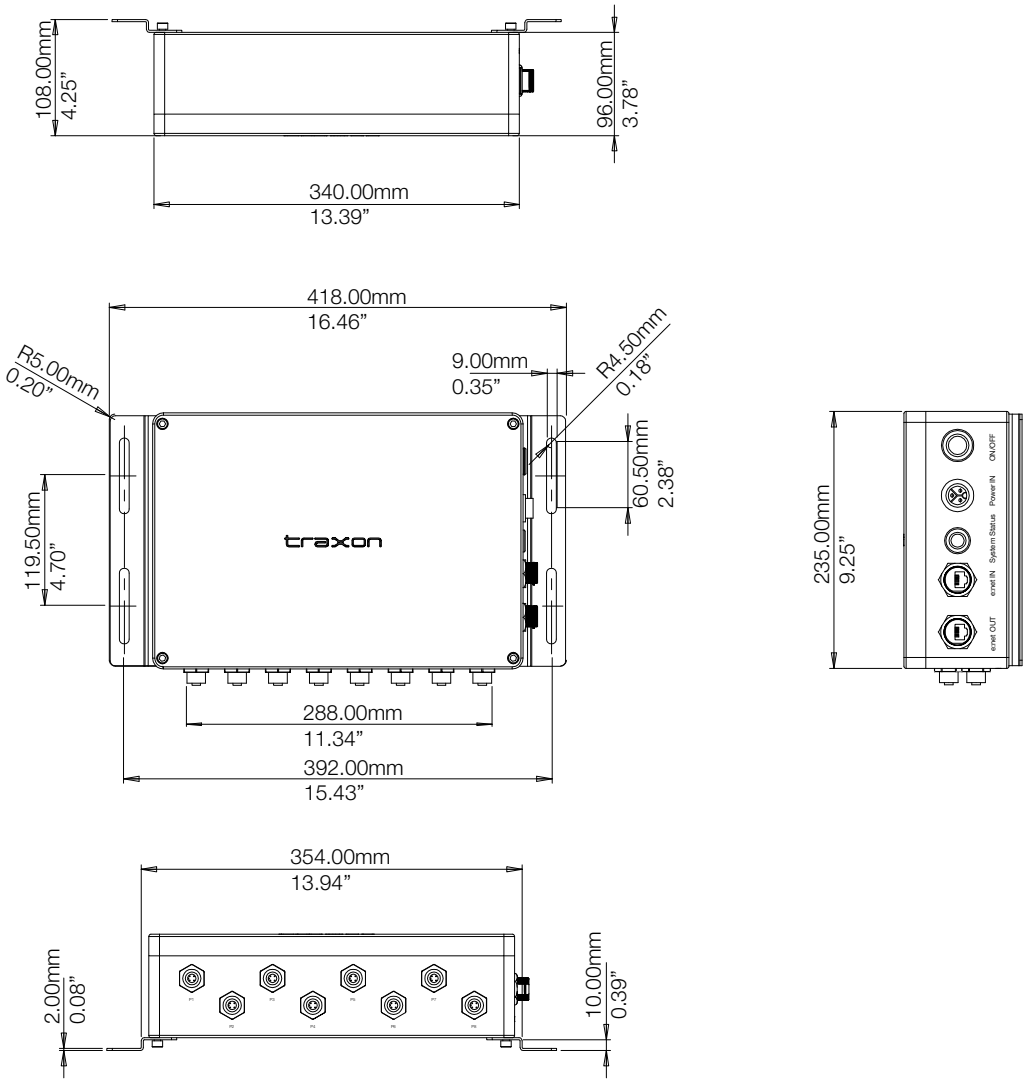
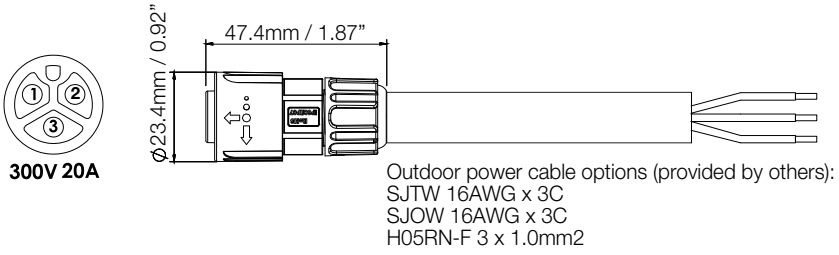
PXL Distributor Pro 8 (AM461810055)



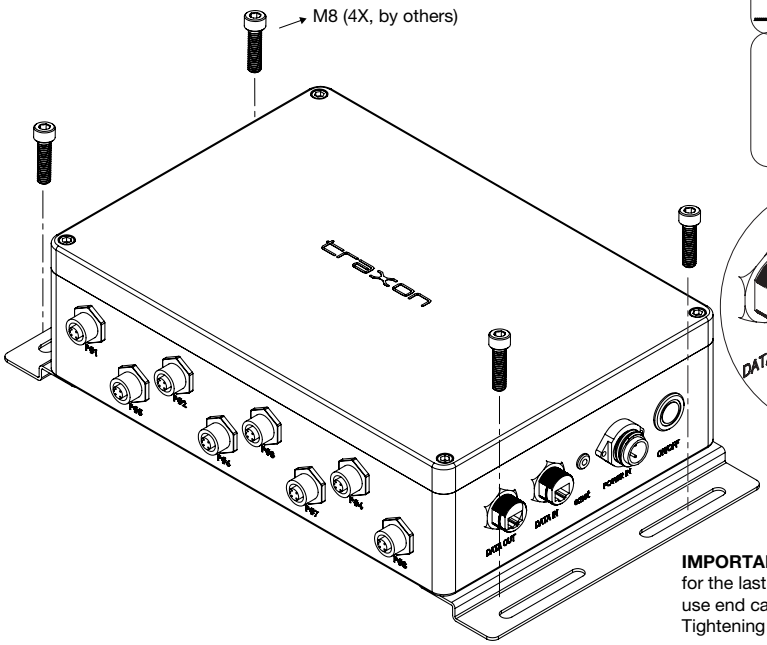
3PIN FIELD INSTALLABLE CONNECTOR PD8 IP67 (AM461770055)

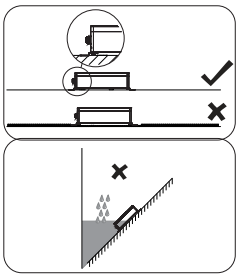


Outdoor power cable options (provided by others):
SJTW 16AWG x 3C
SJOW 16AWG x 3C
H05RN-F 3 x 1.0mm2

Wire#	Description
1	Live
2	Neutral
3	Earth

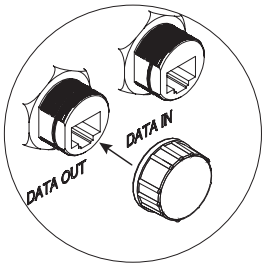
PXL Distributor Pro 8 (AM461810055)



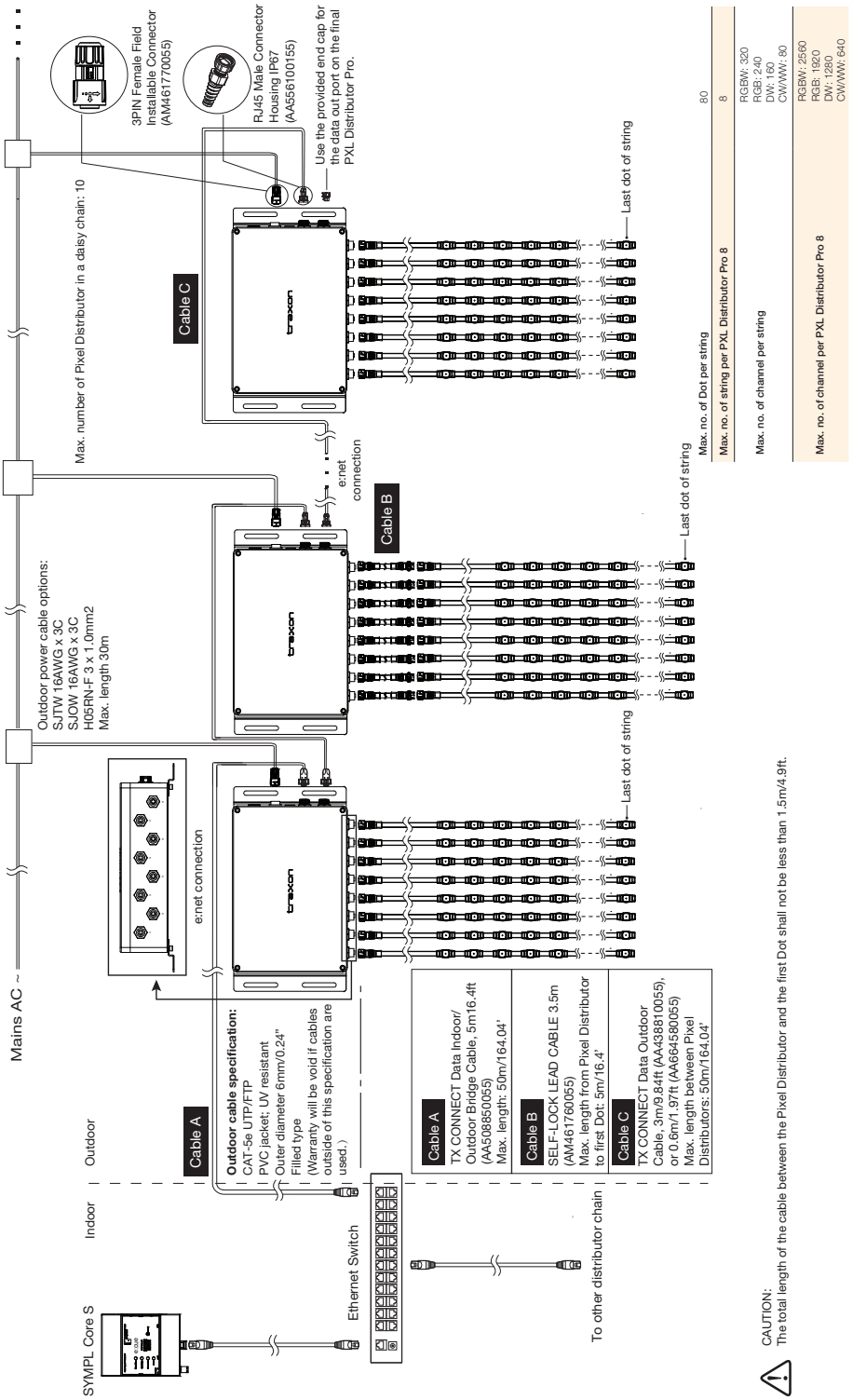


Mount on smooth and rigid surface.

Do not submerge.



IMPORTANT:
for the last data injector in a chain,
use end cap to seal the D ATA OUT connector.
Tightening torque: 0.9Nm.



PXL Distributor and Accessories

Model No.	Description	Item Code
DO.AP.0081000	PXL DISTRIBUTOR PRO 8 FOR AL DOT XS (8-PORT)	AM461810055
N/A	3PIN FIELD INSTALLABLE CONNECTOR PD8 IP67	AM461770055
DE.AC.0100000	RJ45 MALE CONNECTOR HOUSING IP67	AA556100155
DE.IC.0300000	TX CONNECT DATA OUTDOOR CABLE, 3M/9.84FT	AA438810055
DE.IC.0060000	TX CONNECT DATA OUTDOOR CABLE, 0.6M/1.97FT	AA664580055
DE.AC.0000100	TX CONNECT DATA INDOOR/OUTDOOR BRIDGE CABLE, 5M16.4FT	AA508850055