Project: _____

Type: _____

Media Tube® Go Dynamic White

Media Tube® Go is a slim, direct view luminaire designed for all budgets to integrate into any wall, façade or media lighting application with tight installation requirements. Available in Clear View or Diffused View and 10 pixels per 1.2 meters / 2.5 pixels per foot, the Media Tube® Go ensures smooth effects along your facade, media application or bridge.

This product is intended for use in high-quality colored light applications.

IP67

Product Specifications

	Clear			Diffused		
	310mm / 12”	**1210mm / 48”**	**2410mm / 95”**	**310mm / 12”**	**1210mm / 48”**	**2410mm / 95”**
Number of Pixel	3 pixels	12 pixels	24 pixels	3 pixels	12 pixels	24 pixels
Light Source	21 pcs 2 in 1 2200K - 6500K	84 pcs 2 in 1 2200K - 6500K	168 pcs 2 in 1 2200K - 6500K	21 pcs 2 in 1 2200K - 6500K	84 pcs 2 in 1 2200K - 6500K	168 pcs 2 in 1 2200K - 6500K
Color Range	DW (White CCT: 2200-6500K)					
Beam Angle	120°			110° x 170°		
Luminous Flux	273 lm	1091 lm	2181 lm	89 lm	356 lm	712 lm
Efficacy	72 lm/W	73 lm/W	73 lm/W	23 lm/W	24 lm/W	24 lm/W
Pixel Pitch	100mm / 4”					
Pixel Configuration	7 WW + 7 CW LEDs per pixel					
Housing	Extruded Aluminum housing + Round UV Resistant Silicone cover					
Housing Finish Options	Gray (RAL7015, standard), Black (RAL9005, optional), White (RAL9003, optional)					
Cover Lens	Round Clear View			Round Diffused View		
Mounting	Fixed, non-adjustable					
Dimensions (L x W x H, excluding Mounting Bracket)	310 / 1210 / 2410mm x 25mm x 56.5mm 12.2” / 47.6” / 94.9” x 1” x 2.2”					
Weight	0.39kg / 0.86lb	0.88kg / 1.94lb	1.62kg / 3.57lb	0.39kg / 0.86lb	0.88kg / 1.94lb	1.62kg / 3.57lb
Regulatory Listing & Safety Approval	CE,CB, ETL,FCC,EMC RoHS, ASTM B117-16, ANSI 3G					
Operating Temperature	-30°C to +55°C / -22°F to +131°F					
Storage Temperature	-40°C to +80°C / -40°F to +176°F					
Environment	IP67 Outdoor, Suitable for coastal environments, IK08					
Humidity	85%, non-condensing					

Electrical Specifications

Operating Voltage	24V DC
Power Consumption	3.8W / 15W / 30W
Lumen Maintenance	L70B50 50,000 hours

System Specifications

Control	DMX512
Power Supply	LED Engine 24v Outdoor
Addressing Options	Manual Addressing with TX Smart Addresser
Fixture Interconnection	Refer to System Diagram

Specification is subject to change due to continuous improvement.

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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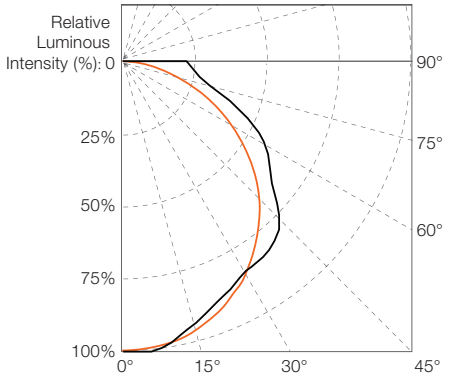
Media Tube® Go DW

Photometrics

Source Specifications (Clear)

	1210mm / 48”
Light Source	84 2200K + 84 6500K
Optics	120°

Candela Distribution

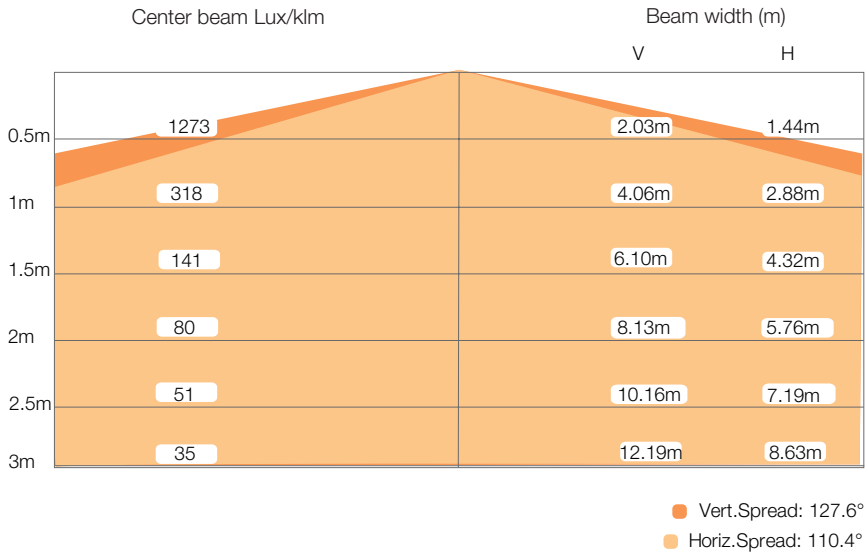


Light Output

1210mm / 48”

Color	Luminous Flux (lm)	Candela Distribution @100%	Efficacy (lm/W)
DW (Full-on)	1090.5	346.6	72.7
WW	534.6	169.9	60.8
CW	627.3	199.4	71.3

Illuminance at a Distance



For fc divide by 10.7

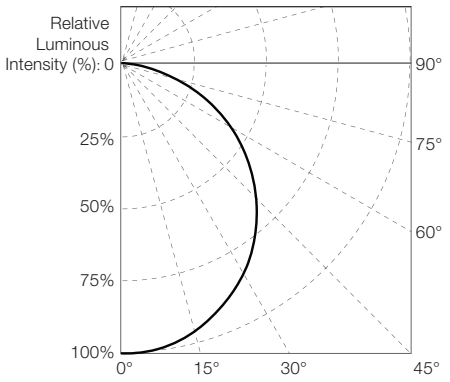
For feet multiply by 3.28

IES and LDT files are available for download from the Traxon website.

Source Specifications (Diffused)

	1210mm / 48”
Light Source	84 2200K + 84 6500K
Optics	110° x 170°

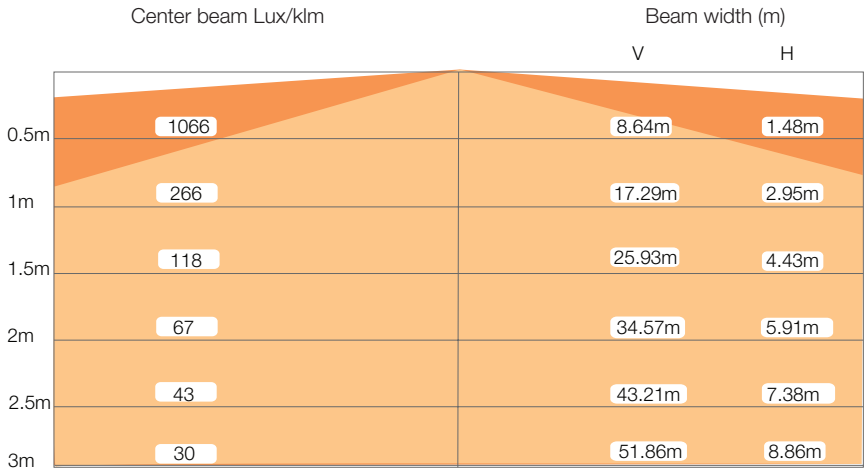
Candela Distribution



Light Output

	1210mm / 48”		
Color	**Luminous Flux (lm)**	**Candela Distribution @100%**	**Efficacy (lm/W)**
DW (Full-on)	355.7	83.4	23.7
WW	174.4	40.9	20.0
CW	204.6	48.0	23.4

Illuminance at a Distance

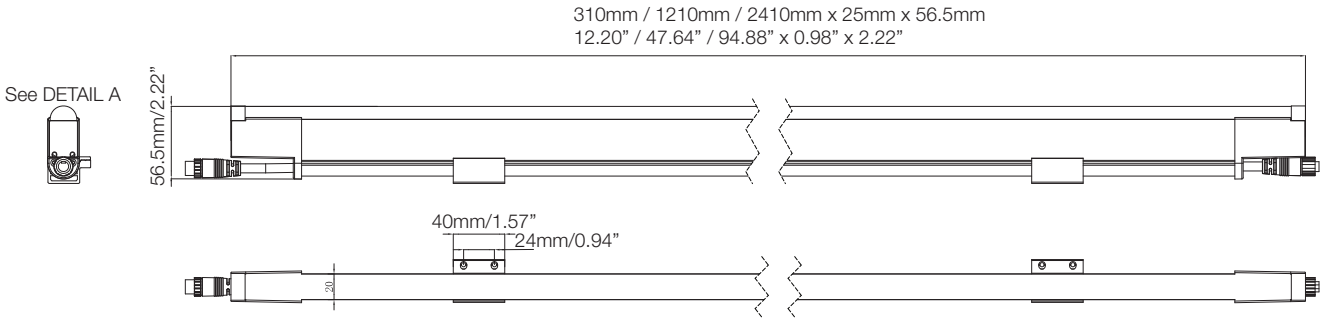


For fc divide by 10.7

For feet multiply by 3.28

IES and LDT files are available for download from the Traxon website.

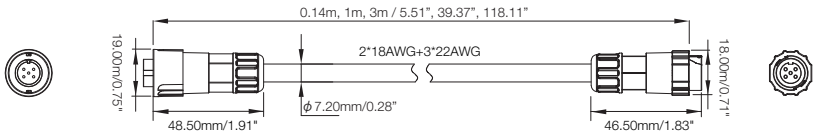
Fixture



	W1	W2	H
310mm / 12”	25mm/0.98”	33.5mm/1.32”	60.3mm/2.27”
1210mm / 48”	25mm/0.98”	33.5mm/1.32”	60.3mm/2.27”
2410mm / 95”	25mm/0.98”	33.5mm/1.32”	60.3mm/2.27”

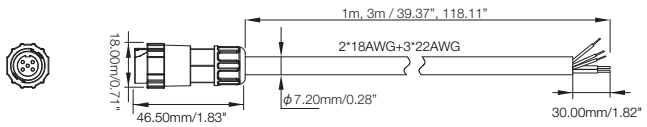
Accessories

5-pin interconnection cable (AM463780055/AM463790055/AM463800055)



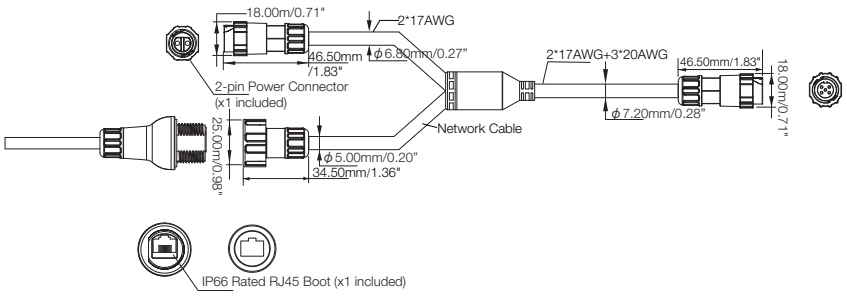
Pin Color	Connection
Yellow-green	Addressing
Gray	DMX-
Black	DMX+
Blue	24V-
Brown	24V+

Starter cable (AM463750055/AM463760055)



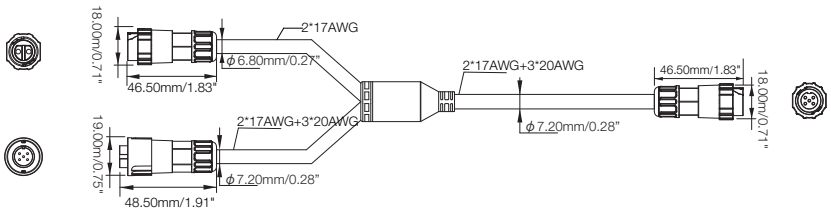
Accessories

RJ45 Starter Cable (AM463820055)

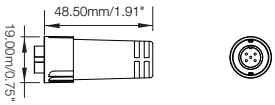


Pin Color	Connection
Yellow-green	Addressing
Gray	DMX-
Black	DMX+
Blue	24V-
Brown	24V+

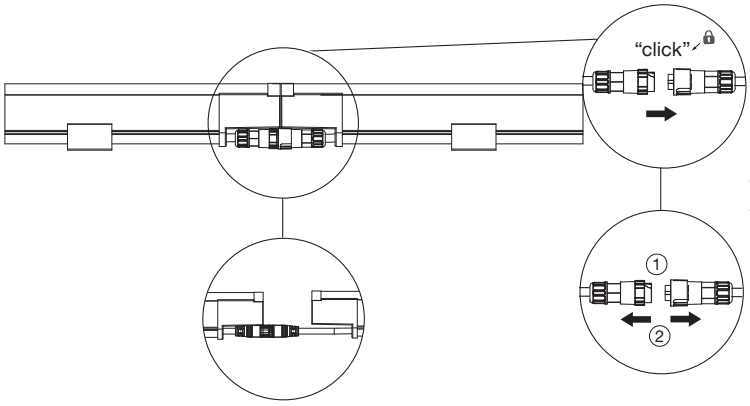
Power injector cable (AM463810055)



End Cap with 120Ω terminator(AM463770055)



Cable Connection

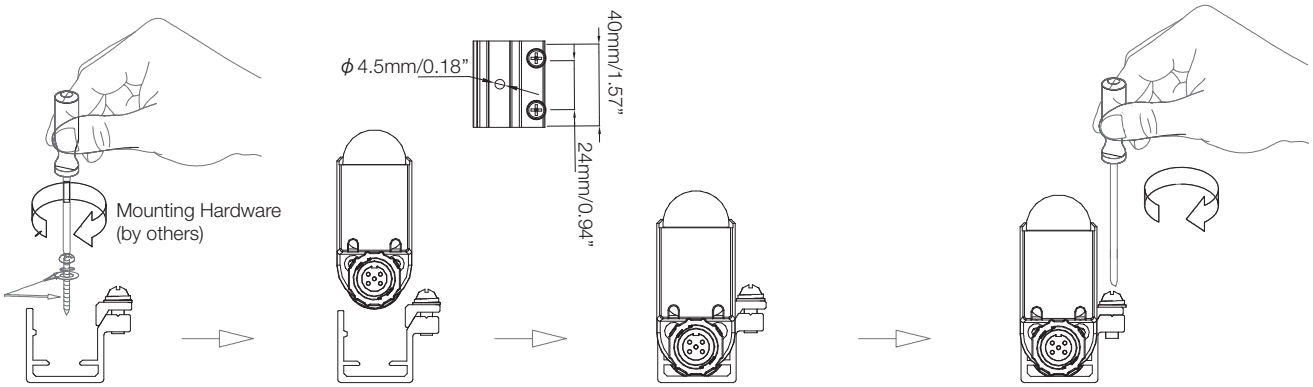


If you do not hear "click", rotate the spring loaded connector manually to ensure that the connectors are properly mated.

The connector cable can be pulled out
to facilitate the connection between 2 fixtures.
Max length cable can extend from the fixture is 70mm / 2.8".

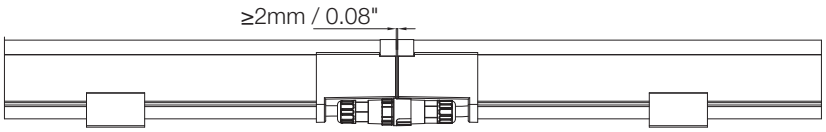
Mounting Steps

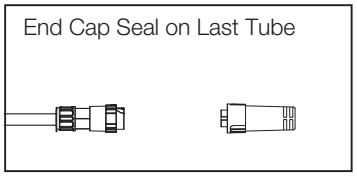
NOTE: See Installation Guide for additional best practices.



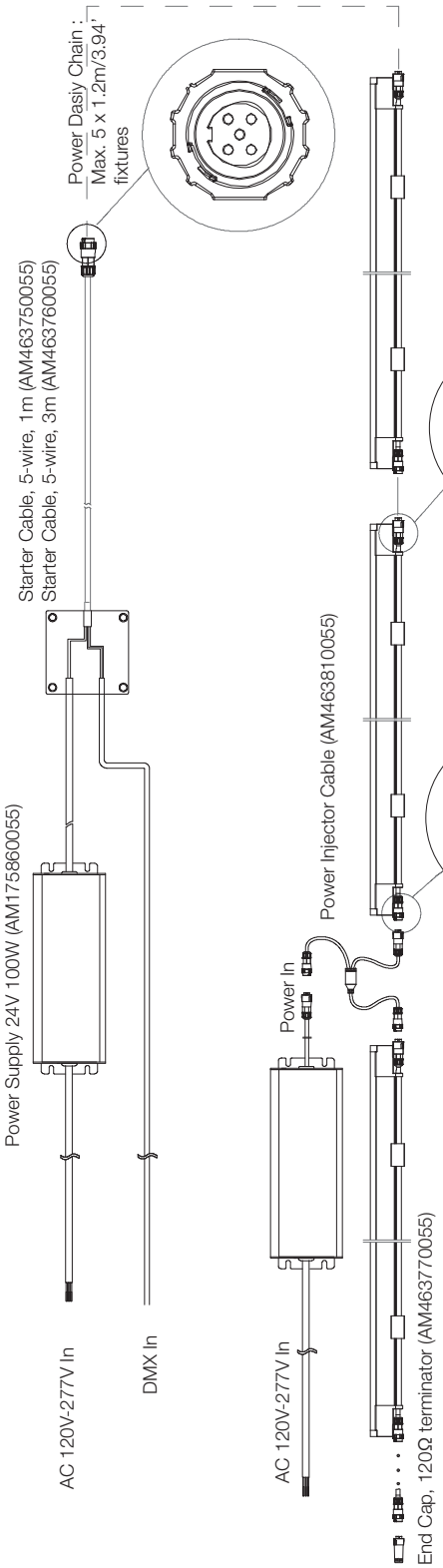
Tube-to-Tube Clearance

To maintain consistent LED pitch and to allow for thermal expansion, a minimum of 2mm / 0.08" is required between luminaire's.



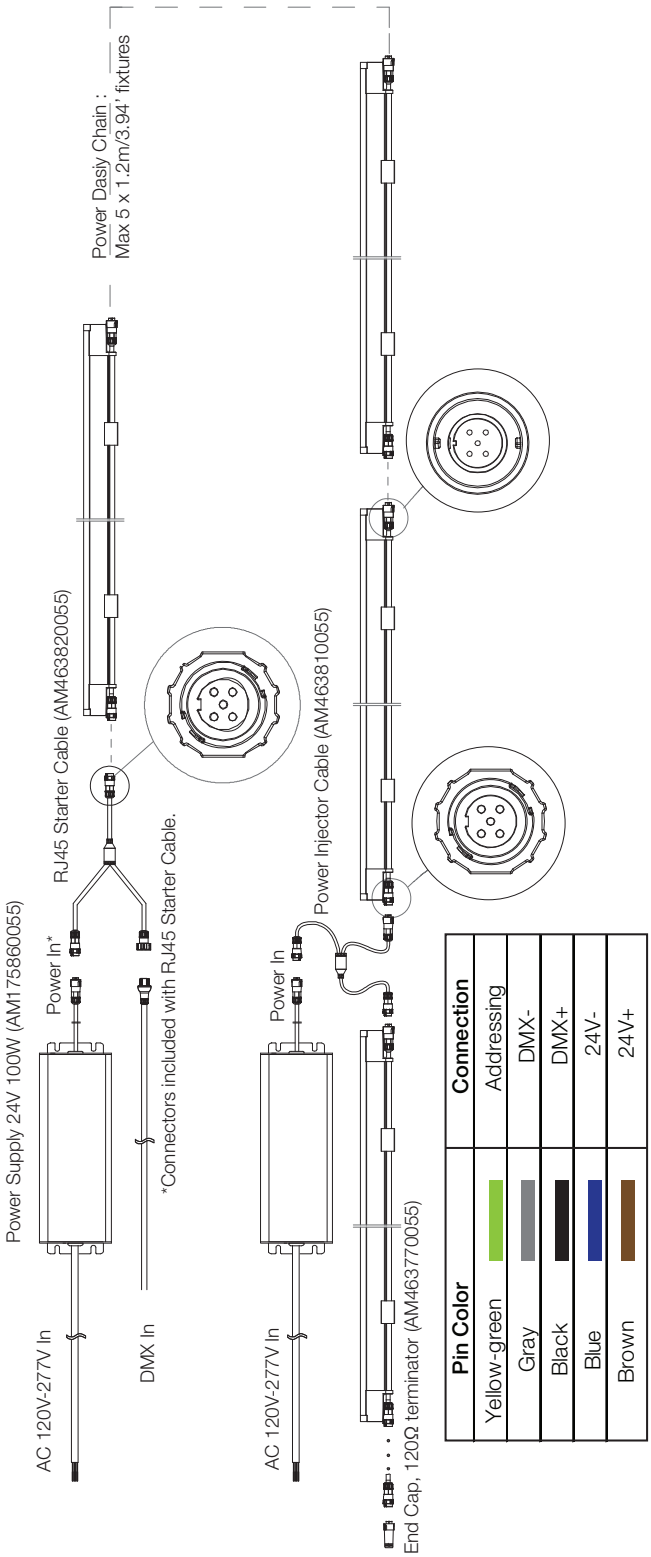


System diagram (Starter Cable)



NOTE: The Address wire only needs to be connected during address configuration, it is not needed during operation. Wiring diagram shows only typical connections. Max. number of fixtures is based on minimal interconnection lengths. Actual number of fixtures is dependent on cable interconnections. Number of fixtures will reduce if longer cable lengths are used. Consult with your regional sales office to confirm maximums.

System diagram (Injector Cable)



NOTE: The Address wire only needs to be connected during address configuration, it is not needed during operation. Wiring diagram shows only typical connections. Max. number of fixtures is based on minimal interconnection lengths. Actual number of fixtures is dependent on cable interconnections. Number of fixtures will reduce if longer cable lengths are used. Consult with your regional sales office to confirm maximums.

Fixtures

Model No.	Description	Item Code
TU.MG.5324200	MEDIA TUBE GO DIFFUSED 2410 DW 24PXL	AM463670055
TU.MG.4312200	MEDIA TUBE GO DIFFUSED 1210 DW 12PXL	AM463680055
TU.MG.2303200	MEDIA TUBE GO DIFFUSED 310 DW 3PXL	AM463690055
TU.MG.5324100	MEDIA TUBE GO CLEAR 2410 DW 24PXL	AM463700055
TU.MG.4312100	MEDIA TUBE GO CLEAR 1210 DW 12PXL	AM463710055
TU.MG.2303100	MEDIA TUBE GO CLEAR 310 DW 3PXL	AM463720055

TX Connect

Model No.	Description	Item Code
TU.MG.AC0001	MEDIA TUBE GO STARTER CABLE, 5-WIRE, 1M	AM463750055
TU.MG.AC0002	MEDIA TUBE GO STARTER CABLE, 5-WIRE, 3M	AM463760055
TU.MG.AC0003	MEDIA TUBE GO END CAP, 120Ω TERMINATOR	AM463770055
TU.MG.AC0004	MEDIA TUBE GO INTER CABLE, 5-WIRE, 0.14M	AM463780055
TU.MG.AC0005	MEDIA TUBE GO INTER CABLE, 5-WIRE, 1M	AM463790055
TU.MG.AC0006	MEDIA TUBE GO INTER CABLE, 5-WIRE, 3M	AM463800055
TU.MG.AC0007	MEDIA TUBE GO POWER INJECTOR CABLE	AM463810055
TU.MG.AC0008	MEDIA TUBE GO RJ45 STARTER CABLE	AM463820055

TX Control

Model No.	Description	Item Code
	LED ENGINE 100W 24V OUTDOOR	AM175860055
CD.SA.0000100	TX SMART ADDRESSER	AM438260055

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