



TRAXON Go[→]

Media Tube[®] Go Mono



Project: _____
Type: _____



IP66



COAST



DMX 512



ANSI 3G

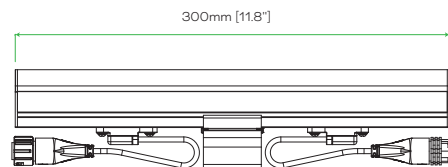
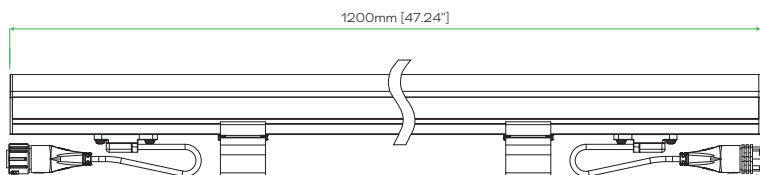
Media Tube[®] Go Mono is the next-generation Tube Mono product, featuring a wider design and significantly higher light efficacy for superior, uniform illumination. Operating on a 48V system with extended hand-in-hand connectivity, it supports longer continuous runs with simplified installation. The fixture offers broad compatibility with ON/OFF, PWM, 0-10V, and DALI control protocols, providing flexibility for diverse lighting scenarios. Its uniform light output makes it ideal for architectural outlining, seamlessly highlighting building contours and enhancing visual appeal in commercial and urban settings.

Features

- ON/OFF, PWM, 0-10V, and DALI control
- Easy installation and maintenance
- Quick lock connection

Dimensions

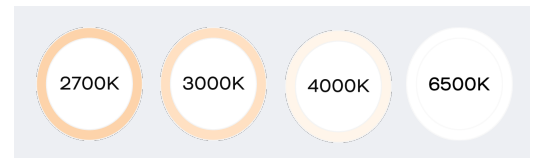
Diffused View



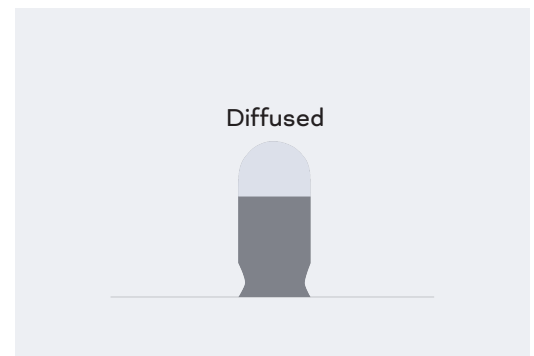
Technologies

- Ultra-long Connection
- Even Light Emission

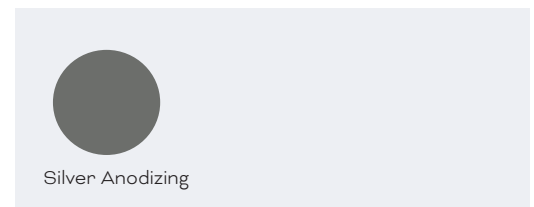
Color Options



Beam Angle



Finish



Product Specifications

		Diffused View	
Model		300mm / 11.8"	1200mm / 47.2"
Light Source		18 White LEDs	72 White LEDs
Color Range		2700K (Warm White) / 3000K / 4000K / 6500K (Cold White)*	
Luminous Flux	2700K	352 lm	1406 lm
	3000K	355 lm	1418 lm
	4000K	365 lm	1459 lm
	6500K	371 lm	1485 lm
Efficacy	2700K	97.34 lm/W	
	3000K	97.46 lm/W	
	4000K	99.25 lm/W	
	6500K	101.48 lm/W	
Beam Angles		120° x 180°	
Pixel Configuration		18 White LEDs per pixel	72 White LEDs per pixel
Number of Pixel		3 pixels	12 pixels
Lens		UV resistant polycarbonate	
Housing		Extruded Aluminum	
Adjustment Options		Fixed, non-adjustable	
Mounting		Mounting Bracket	
Dimensions (L x W x H) (Mounting bracket included)		300mm x 24mm x 68mm 11.8" x 0.9" x 2.7"	1200mm x 24mm x 68mm 47.2" x 0.9" x 2.7"
Weight		0.35kg / 0.77lbs	1.02kg / 2.25lbs
Regulatory Listing & Safety Approval		CE, UKCA, cETLus, FCC, ANSI C136.31-3G	
Operating Temperature		-40°C to +50°C / -40°F to +122°F	
Storage Temperature		-40°C to +70°C / -40°F to +158°F	
Environment		Outdoor, IP66, IK08 (Diffused View), Coastal Environment (ASTM B117-16)	
Humidity		10-90%, non-condensing	

Electrical Specifications

Input Voltage	48V DC	
Power Consumption	4.2W	16.8W
Lumen Maintenance	L70 50000hrs @ 25°C	

System Specifications

Power Supply	LED Engine 48V Outdoor	
Control	ON/OFF, PWM, 0-10V, and DALI control	
Addressing Options	N/A	
Fixture Interconnection	See System Diagram	

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.

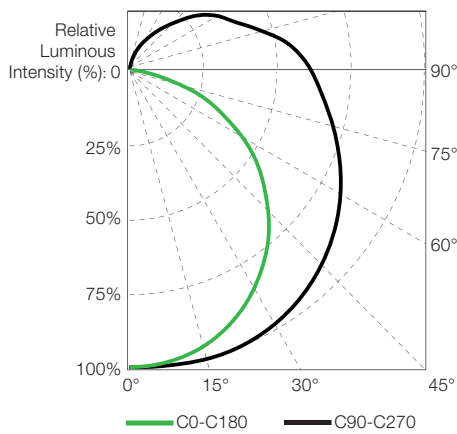
As with all electronic devices, LED output degrades over time - a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complicate function of 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.

Source Specifications (Diffused View)

Source	White LEDs
Optics	120° x 180°

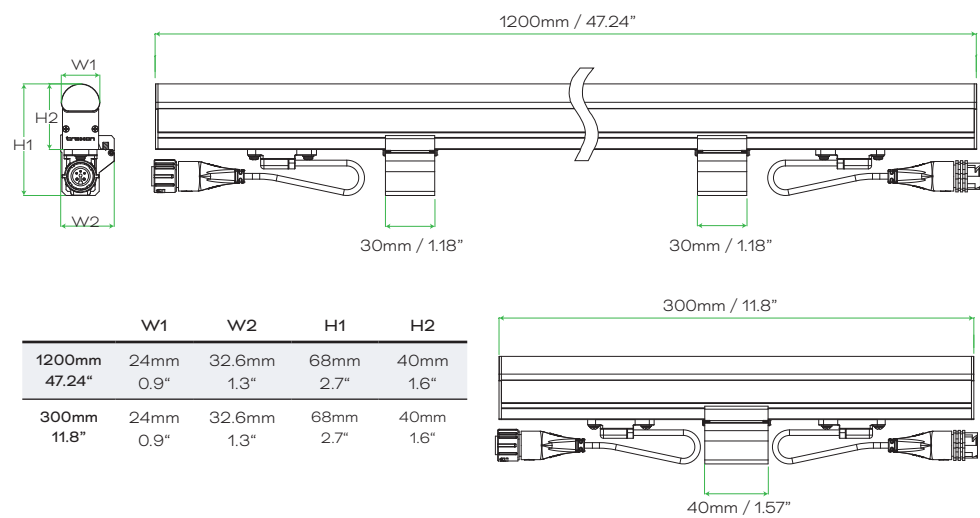
Candela Distribution



Light Output

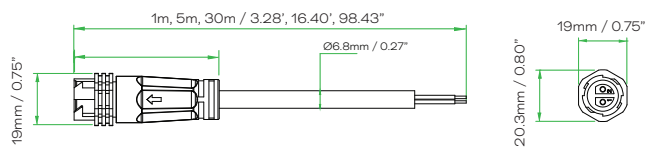
	Color	Luminous Flux (lm)
300mm / 11.8"	2700K	351.4
	3000k	354.5
	4000K	364.75
	6500K	371.16
1200mm / 47.2"	2700K	1405.58
	3000k	1418
	4000K	1459.01
	6500K	1484.64

Fixture (Diffused View)

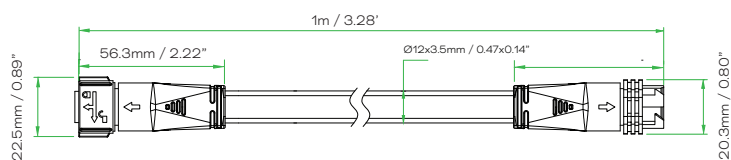


Accessories

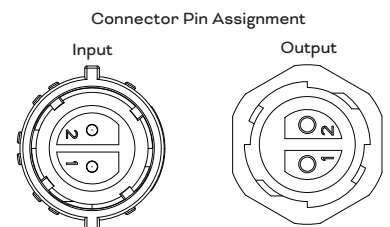
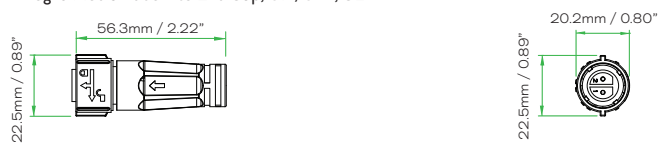
Starter Cable



Interconnection Cable

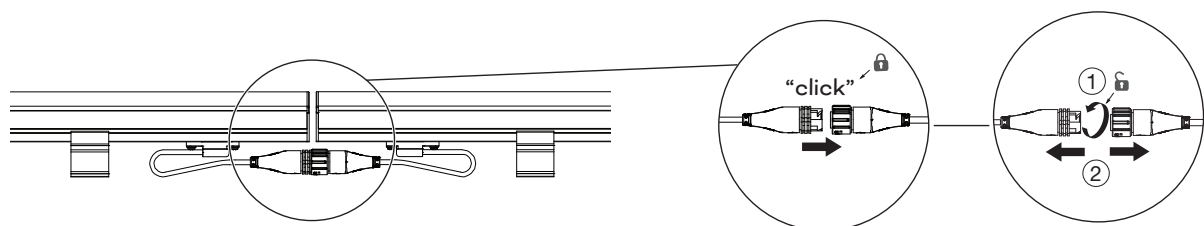


Allegro Media Tube Lite End Cap, ON/OFF, CE



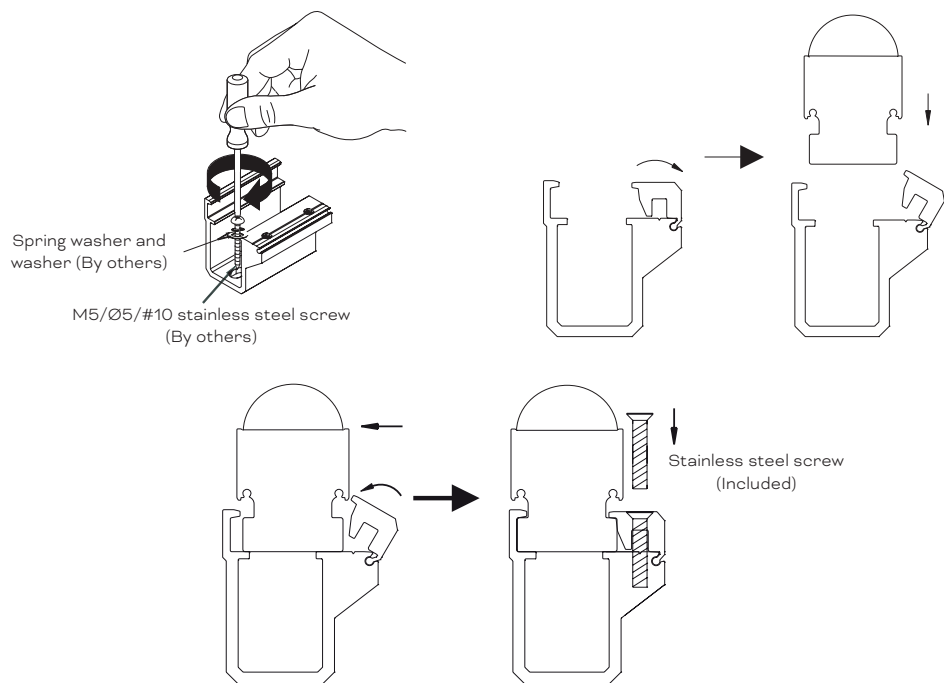
Wire#	Description	Color
1	DC48V+	Red
2	DC48V-	Black

Cable Connection



If you do not hear “click”, rotate the spring loaded lock nut manually (in opposite direction to loosening to ensure that the connectors are properly mated and tightened).

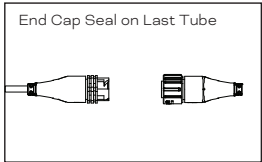
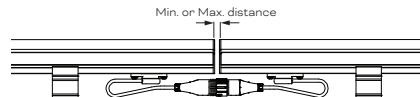
Bracket Mounting



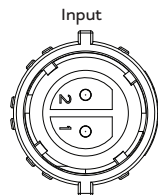
Tube-to-Tube Clearance

To maintain consistent LED pitch and to allow for thermal expansion for Tubes:

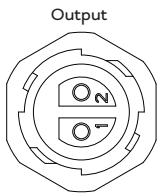
The minimum distance depends on the temperature difference.
Normally, it is 1.5mm/0.06" (direct view) or 4mm/0.16" (diffused view).
When the temperature difference is greater than 35°C/95°F, 5mm/0.2" is needed.
Max. distance: 100mm/3.94"

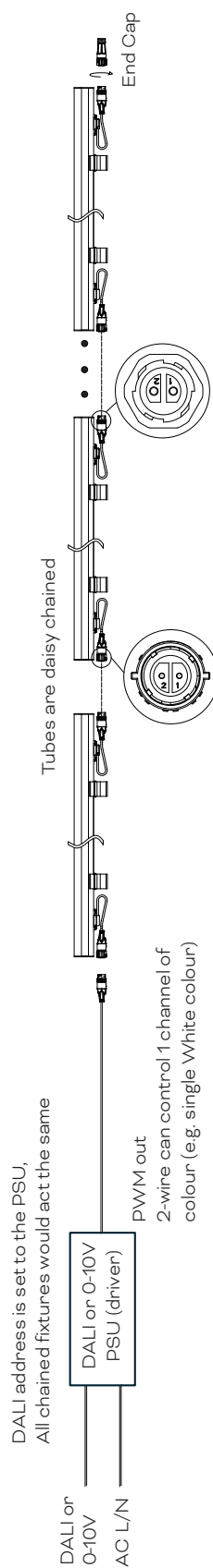


Connector Pin Assignment



Wire#	Description	Color
1	DC48V+	Red
2	DC48V-	Black





Pin#	Signal	Wire Size	Color	Connection
1	DC48V+	1.0mm ²	Red	DC48V+
2	DC48V-	1.0mm ²	Black	DC48V-

Color Type	Max. Daisy Chain	PSU Power
ON/OFF	14m	240W
	20m	320W

NOTE: For inquiries related to power supply unit (PSU), please contact your local sales team to obtain technical support.

Fixtures

Model No.	Description	Item Code
TU.AL.B5004G0	MEDIA TUBE GO 827 1200 ONOFF DIFFUSED	DL25102875255
TU.AL.15004G0	MEDIA TUBE GO 827 300 ONOFF DIFFUSED	DL25102875355
TU.AL.B6004G0	MEDIA TUBE GO 830 1200 ONOFF DIFFUSED	DL25102875455
TU.AL.16004G0	MEDIA TUBE GO 830 300 ONOFF DIFFUSED	DL25102875555
TU.AL.B7004G0	MEDIA TUBE GO 840 1200 ONOFF DIFFUSED	DL25102875655
TU.AL.17004G0	MEDIA TUBE GO 840 300 ONOFF DIFFUSED	DL25102875755
TU.AL.B9004G0	MEDIA TUBE GO 865 1200 ONOFF DIFFUSED	DL25102875855
TU.AL.19004G0	MEDIA TUBE GO 865 300 ONOFF DIFFUSED	DL25102875955

TX Connect

Model No.	Description	Item Code
TU.AC.1200800	Media Tube Go/AL MT LT STARTER CABLE,2-WIRE,1M ETL	AM474640055
TU.AC.1200900	Media Tube Go/AL MT LT STARTER CABLE,2-WIRE,5M ETL	AM474650055
TU.AC.1201000	Media Tube Go/AL MT LT STARTER CABLE,2-WIRE,30M ETL	AM474660055
TU.AC.1201100	Media Tube Go/AL MT LT INTER CABLE, 2-WIRE, 1M ETL	AM474670055
TU.AC.1201200	Media Tube Go/AL MT LT END CAP, ONOFF ETL	AM474680055

TX Power Supply

Model No.	Description	Item Code
N/A	LED ENGINE 100W 48V OUTDOOR	AM338910055
N/A	LED ENGINE 240W 48V OUTDOOR	AM089330055
N/A	LED ENGINE 320W 48V OUTDOOR	AM088070055



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