



Helios Tube is an RGB - Amber - Mint LED lighting Tube that has all the features of the popular Titan Tube while offering a smaller format. It allows mounting in areas where a Titan Tube wouldn't fit and also increases portability. This LED lighting Tube has 8 pixels, half the brightness of the Titan tube and just over half its length. Colors and brightness are perfectly matched to those of the Titan Tube's.

**Max 20h****Wireless DMX****IP65****App**

SPECIFICATIONS

Please note that due to a component shortage we had to do internal changes to Helios Tube and units manufactured after September 2021 have the BTB feature built-in and are now called FP2-BTB.

	Helios Tube	Helios Tube BTB
Order Code	FP2	FP2-BTB
LED Engine	Titan LED Engine	
Colors	RGBMintAmber	
Total LED Power	36 W	
LED Power Draw	24 W	
Luminous Flux 3200 K	1 285 Lumens	
Luminous Flux 4000 K	1 340 Lumens	
Light Output 3200 K @ 1 m	360 Lux	
Light Output 4000 K @ 1 m	393 Lux	
CRI (Ra)/ TLCI 3200 - 6500 K*	≥96	
Beam Angle	135° x 115°	
Field Angle	175° x 160°	
Strobe	0 - 25 Hertz	
Pixels	8	
Battery Runtime	up to 20 hours	
Battery Lifetime	70 % after 300 cycles	
Charging Time (nominal)	3 hours	
DC Input	24 VDC - 1.25 A	
DC Connector	5.5 mm x 2.1 mm	
Wired DMX	Yes (via FP1-PWB / FP3-DTL / PWB-2-86)	
CRMX Receiver	Built-in	
BluetoothBridge BTB	No	Built-in
Wireless Protocols	CRMX, UHF	CRMX, UHF, Bluetooth, WiFi
Wireless Range	CRMX/UHF up to 300 m / 330 yds	CRMX/UHF up to 300 m / 330 yds Bluetooth up to 3 m / 3.3 yds
Infrared Control	Yes	
Housing Material	Polycarbonate, metal end caps	
IP Rating	IP65 (only with FP1-SP)	

Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F
Weight	0.765 kg / 1.68 lbs
Dimensions	550 mm x Ø 43 mm / 21.7" x Ø 1.7"
Mounting Options	2x M5 thread, 2x TubeHolder (with 2x M5 and 1x 1/4" - 20 UNC thread), 1x TubeStand

*Typical value

RF CHARACTERISTICS FP2

Wireless Modules	EU: UHF*** (863-870MHz)	USA: UHF (917-922.20MHz)	AUS: UHF (922.30-927.50MHz)	SGP: UHF (920.50-924.50MHz)	KOR: UHF (917.9-921.5MHz)
Modulation	FHSS	FHSS	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	<25mW	<25mW	<25mW
Channel Count	47	53	53	41	10

Wireless Modules	RUS: UHF (868.75-869.12MHz)	JPN: UHF (922.80-926.40MHz)	CRMX (2402-2480MHz)
Modulation	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	-
Channel Count	6	19	79

***General allocation of frequencies for use by short-range radio applications

RF CHARACTERISTICS FP2-BTB



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Wireless Modules	RUS: UHF (868.75-869.12MHz)	JPN: UHF (922.80-926.40MHz)	CRMX (2402-2480MHz)	Bluetooth 5.0 LE (2402-2480MHz)	WiFi (2412-2472MHz)
Modulation	FHSS	FHSS	FHSS	FHSS	DSSS, OFDM
ERP (Transmitter)	<25mW	<25mW	-	10mW (BLE)	<100mW
Channel Count	6	19	79	40	13

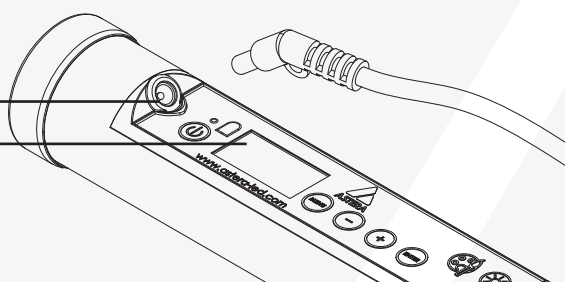
DRAWINGS



CONNECTIONS + DISPLAY

Wired Data Connection

Backside Display



ACCESSORIES

TubeHolder
AX1-H



WingPlate
AX1-WP



CrossPlate
AX1-CP



BabyPin
FP1-BLT



EyeBolt
FP1-EBLT



Waterproof Protection Cover
FP1/2-SP



Titan Power/Data Combination Cable
5/10/15 m
FP1-PWB-CAB-5/10/15



Extension Cable for Helios, Titan, Hyperion Tube
5m
FP1-EXC



Power Supply for Titan and Helios Tube
FP1-CHR



TubeStand
AX1-STD



Softbag for Helios Tube
FP2-SB



FEATURES

Fix tubes via screws or BabyPin to walls and structures



Hang one Tube with BabyPin or connect several Tubes



Holds up to 4 Tubes



Accessories by DoPchoice

SNAPBAG 1 HELIOS TUBE

SBAAT21



SNAPBAG 3 HELIOS TUBES

SBAAT22



SNAPGRID 40° HELIOS

Single Tube

SGAT12W40



Helios Tube Kit

FP2-SET



Weight (empty): 15 kg / 33 lbs
Weight (full): 31 kg / 68.3 lbs

Dimensions
765 mm x 504 mm x 260 mm /
30.12" x 19.84" x 10.24"

Included in the Kit

8x FP2 HeliosTube (FP2)
1x PowerBox (FP1-PWB)
16x EyeBolts (FP1-EBLT)
16x Holder (AX1-H)
16x Babypin (AX1-BLT)
8x Stand (AX1-STD)
1x Charging Case for Helios Tube (FP2-CHRCSE)
1x PowerCON TRUE1 cable
8x DC Cables
8x Waterproof covers for charging port (FP1/2-SP)
Optional: 8x WingPlates (AX1-WP)

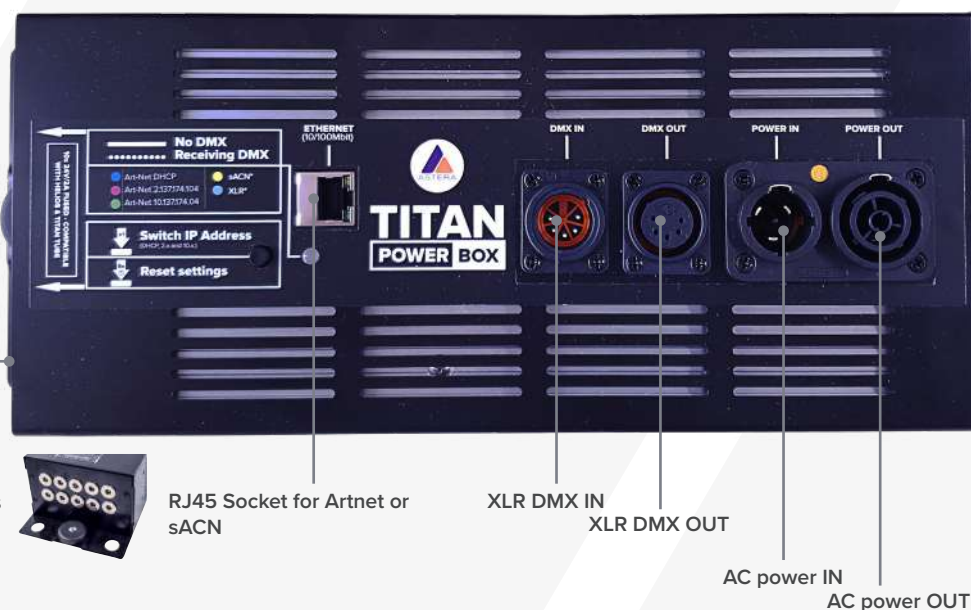
CHARGING & CONNECTING

With Titan PowerBox (FP1-PWB)



Power/Data
Cable

10 Sockets for DC Cables
with Power + Data



TYPICAL SPECTRAS

