



CATALOG

MAY 2023



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100% WIRELESS



Max. 20h

Advanced battery technology and control let you set the battery runtime to up to 20 hours. You can be sure that your Astera fixture won't run out of juice before your production is finished.



Wireless DMX



IP65

AsteraApp offers intuitive and fast control of complex lighting setups and is also used to change DMX settings of the lights as well as monitor them out of a distance.

Each of our lights has a CRMX module from LumenRadio built in, offering you the most reliable DMX technology on the market.

All Astera fixtures come in IP65 waterproof housings to make sure you can use them outdoors without worries.



WHAT MAKES OUR LIGHTS THE NUMBER ONE CHOICE?

**Talkback+**

Detect all available lights, set them up, check their status, configure DMX addresses and DMX profiles.

**Seamless Runtime**

Set the length of your event and be sure that your lights won't run out while still getting the maximum brightness.

**TruColor Calibration**

Individually calibrated lights lead to 100 % color consistency and exact color reproduction of color temperatures and standard filter gels.

**Effects**

Quickly create programs out of colors and effects. Turn multiple programs and lights into scenes.

**Flicker Free**

Scrambled PWM technology to avoid flickering when filming.

**Green/Magenta correction**

Adjust green/magenta during content creation to reduce post-production work.

**Scheduled Stand-by**

Switch lights into power-saving standby and schedule them to wake up when the event starts.

**Dynamic Power-boost**

This exclusive feature makes the light able to display the maximum brightness at all time and intensify non-white colors.

**Emergency Light**

Switches to white light when AC power is cut to keep your event save.

**Anti-theft**

The lights give visual and audible alarm and send a notification to the AsteraApp if they are being moved during an event.

**DJ Feature**

Auto BPM analyzes the beat and matches programs to it, flash buttons can trigger special effects while being held down.

**Other features**

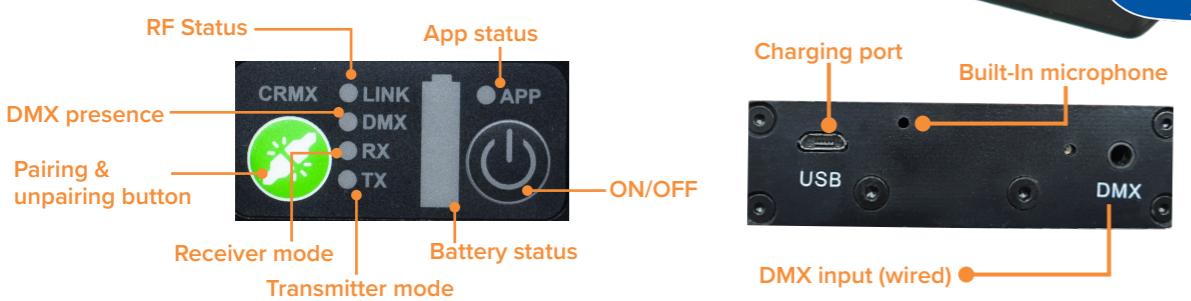
The AsteraApp is packed with many additional items and new features are frequently added via software updates.

ASTERABOX ART7-U ART7-WIFI

AsteraBox is the interface between lights and controller. It works as Bluetooth Bridge that can be carried on your belt thanks to its built-in battery. It can also be connected to a DMX desk to transmit wireless DMX data to all Astera lights and other lights with CRMX receiver.



Carry Case
ART7-CSE **DMX Adapter**
ART7-DMXA **Power Supply**
ART7-CHR-U



SPECIFICATIONS

	AsteraBox	AsteraBox WIFI
Order Code	ART7-U	ART7-WIFI
DC Input	5 VDC - 2 A	5 VDC - 2 A
Battery Voltage	3.7 V	3.7 V
Battery Runtime	72 h (App), 8-10 h (CRMX)	72 h (App), 8-10 h (CRMX)
Charging Time (nominal)	8 hours	8 hours
Ports	Micro-USB for charging, 3.5 mm jack for DMX Input	Micro-USB for charging, 3.5 mm jack for DMX Input
DC Connector	Micro-USB	Micro-USB
BluetoothBridge BTB	Built-in	Built-in
Bluetooth Classic	Yes	No
Wireless Protocols	UHF, CRMX, Bluetooth 4.0	UHF, CRMX, Bluetooth*, WIFI
Wireless Range	CRMX: up to 300 m / 328 yds UHF: up to 300 m / 328 yds Bluetooth: up to 3 m / 3.3 yds	CRMX: up to 300 m / 328 yds UHF: up to 300 m / 328 yds Bluetooth: up to 3 m / 3.3 yds
Microphone	Built-in	Built-in
Housing Material	Aluminium	Aluminium
IP Rating	IP20	IP20
Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F	0 - 40 °C / 32 - 104 °F
IP Rating	0.23 kg / 0.51 lb	0.23 kg / 0.51 lb
Dimensions	144 mm x 78 mm x 30 mm / 5.7" x 3.1" x 1.2"	144 mm x 78 mm x 30 mm / 5.7" x 3.1" x 1.2"
Mounting Options	Belt Clip	Belt Clip

*Minimum requirement for Astera App device: Bluetooth 4.2

THE ASTERA SYSTEM



Set up Lights

Set up your lights conveniently out of the distance. Adjust DMX settings on one or several lights. After your job, do a master reset.

Monitor Lights

Check your lights while operating them. View battery status, settings, targeted lights and get informed if a light is being moved.

Control Lights

Send effects and colors to your lights. Choose which lights you want to target. Save programs for quick launch later.

Wireless DMX

The AsteraBox works as a wireless DMX transmitter with CRMX technology, just connect it with the included XLR adapter.

Compatible

Astera Lights can be controlled together by CRMX and W-DMX (limited compatibility) so you can use them together with other wireless lights.



TITAN LED ENGINE

The heart of the Titan LED engine is a revolutionary algorithm which generates an individual calibration for each light after measuring its photometrics during Astera's manufacturing process.

This not only leads to accurate colors and total consistency between fixtures but also optimizes the output for high CRI and long battery runtime, no matter if displaying whites or highly saturated colors.

Temperature compensation during operation constantly measures the temperature of each LED chip and adjusts the intensity of the red, green, blue, mint and amber LEDs accordingly to maintain an even output.

With this technology the Titan LED engine can reproduce precise color temperatures, RGB values and colors defined by x, y coordinates from the AsteraApp and DMX consoles.

To ensure a high level of precision, selected Service Centers can re-calibrate the LEDs after a long runtime if needed.

ASTERA TITAN LED ENGINE



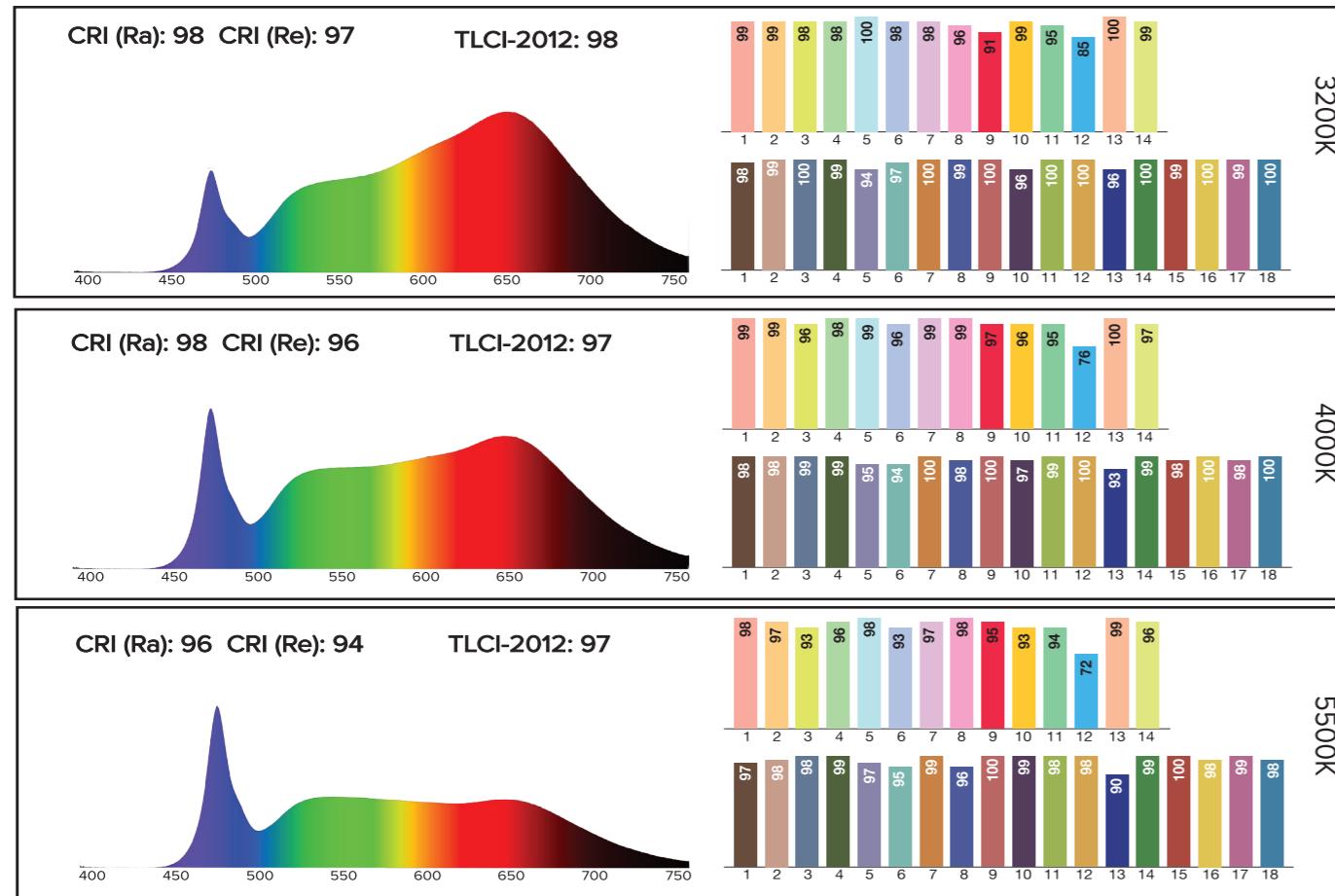
RGB+MINT+AMBER
FULL SPECTRUM

1750K - 20000K
WIDE CCT RANGE

TLCI/CRI Ra ≥ 96
EXCELLENT COLOR RENDERING
from 3.200K to 6.500K

RGB, HSI, X,Y & FILTER GELS

Spectra of lights with Titan LED Engine*



RUNTIME EXTENDER

REX1-VM
REX1-GM

Gold Mount

V-Mount



RuntimeExtender is a battery plate to connect standard camera batteries to many Astera lights. This enables you to extend your production and work without worries when shooting films or lighting events. The RuntimeExtender supports a wide range of Astera products.



included
HexConnect
AX-HCN

Bolt with Hexagon shape for mounting RuntimeExtender via SuperClamp



included
BrickConnect
PB15-BCN

Connect two RuntimeExtender back-to-back so that they can be mounted with only one SuperClamp

ACCESSORIES



KIT FOR 4

414 x 335 x 183 mm
16.31 x 13.19 x 7.2 inches

8.46 kg / 18.65 lbs (full weight) REX1-VM-KIT-4
8.35 kg / 18.41 lbs (full weight) REX1-GM-KIT-4

Contains

- 4x RuntimeExtender (REX1-VM / -GM)
- 4x HexConnect (AX-HCN)
- 4x SuperClamp (third party article)
- 4x Power/Data Combination Cable (1.5 m / 5 ft) (PWB-CAB-1.5)
- 8x Waterproof Protection Cover (PB15-PLG)

SPECIFICATIONS

Order Code	REX1-VM (V-Mount)	REX1-GM (Gold Mount)
Battery Voltage	14.4 VDC or 26 VDC	
Battery Runtime	Dependant on third party battery used and type of fixture	
Battery Runtime max. Brightness	Dependant on third party battery used and type of fixture	
DC Output on DC Barrel Connectors	24 VDC - 100 W combined on two outputs	
DC Output on XLR	Direct passthrough from attached battery	
DC Connectors	2 x 5.5 mm x 2.1 mm / 1 x 3-Pin XLR	
AC Input	N/A	
Housing Material	Polycarbonate & Metal	
IP Rating	IP20	
Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F	
Weight	617 g / 1.36 lb	580 g / 1.28 lb
Dimensions L x W x D	148 mm x 112.8 mm x 45.5 mm / 5.8" x 4.45" x 1.79"	148 mm x 112.8 mm x 48.2 mm / 5.8" x 4.45" x 1.9"
Mounting Options	2 x AirlineTrack compatible with PB15 accessories	



LEOFRESNEL

250 W **RGBMA**equivalent to **1000 W Tungsten**

PLUTOFRESNEL

80 W **RGBMA**equivalent to **300 W Tungsten**

LEOFRESNEL AF250 PLUTOFRESNEL AF80

Astera's new Fresnels offer a 15° to 60° beam angle and superior colors, thanks to their Titan LED Engine. Both models contain a battery and feature numerous mounting options, making them the most portable Fresnel option for film, studio and event lighting.



BUILT-IN BATTERY

- PlutoFresnel: 3h on MAX Runtime
- LeoFresnel: 2h on MAX Runtime
- + External battery option



Max. 20h



App



Wireless DMX



IP55

INCLUDED WITH EACH LIGHT



Yoke

AF250-YK
AF80-YK

YokeBase

Attaches Yoke
to light
AF250-YKB
AF80-YKB

Fresnel Lens

AF250-FL
AF80-FL

Barndoors

AF250-BD
AF80-BDTrackHandle
Carry your light
around
AX-THDRabbit-Rounder
Adapter for Leo
Connect DOP Choice
modifiers
AF250-RRA

OPTIONAL ACCESSORIES

RuntimeExtender
Connect camera batteries
REXI-VM (V-Mount)
REXI-GM (Gold Mount)Y-Cable
Connect 2 RuntimeExtenders
to 1 light
REXI-YCProjectionLens
Coming late 2023.

LEOFRESNEL KIT AF250-KIT

Contains

1x LeoFresnel (AF250)
1x Fresnel Lens (AF250-FL)
1x Barndoors (AF250-BD)
1x Yoke (AF250-YK)
2x YokeBase (AF250-YKB)

1x TVMP Adapter (AX-TVMP)
1x TrackHandle (AX-THD)
1x Rabbit-Rounder Adapter (AF250-RRA)
1x Powercon True1 Cable
1x Case (AF250-CSE)

PLUTOFRESNEL KIT AF80-KIT

Contains

2x PlutoFresnel (AF80)
2x Fresnel Lens (AF80-FL)
2x Barndoors (AF80-BD)
2x Yoke (AF80-YK)
4x YokeBase (AF80-YKB)

2x TVMP Adapter (AX-TVMP)
2x TrackHandle (AX-THD)
2x Hyperion Tube Power Supply (FP3-CHR)
1x Case (AF80-CSE)



SPECIFICATIONS

	LeoFresnel	PlutoFresnel
LED Engine (colors)	Titan LED Engine (RGBMintAmber)	
Total LED Power	350 W	105 W
LED Power Draw	250 W	80 W
Equivalent to	1000 W Tungsten	300 W Tungsten
Beam Angle	15° - 60°	
Battery Runtime (max. Brightness)	up to 20 hours (2 h on MAX Brightness)	up to 20 hours (3 h on MAX Brightness)
Battery Lifetime	80 % after 400 cycles	
DC Input	12 - 48 VDC; max. 15A	24 VDC, 80 W
AC Input	100 - 240 VAC, 50/60 Hertz, 3.8 A, 250 W	No
Wired DMX	Yes (Powercon in + out sockets)	With Powerbox or Datalink
Wireless Protocols	CRMX, UHF, Bluetooth, WiFi, RDM	
IP Rating	IP55	
Dimensions L x W x D	212 mm x 183 mm x 456 mm / 8.3" x 7.2" x 17.9"	281.9 mm x 153.5 mm x 161.8 mm / 11.1" x 6.0" x 6.4"

HYDRAPANEL FP6



Beam shaping with six included light modifiers and a large range of mounting options make HydraPanel more flexible than any other product in its class. The full-spectrum Titan LED Engine generates an impressive 1300 Lumen output while running on battery power for 1:45h. All packed into a solid watertight housing of just 600g (1.3lb) weight and 166mm (6.5") length.

17W RGBMA



WIRELESS AND WIRED DMX

Built-in CRMX module and wired DMX via Astera PowerBox



COLD SHOE

Add third-party accessories and mount on cameras



COMBINE UP TO 4 PANELS

Individual control over six segments per panel



NEW CONTROL PANEL

Touch Slider for faster setting of colors, CCT, brightness



ACCESSORIES

LIGHT MODIFIERS included



HydraPanel FP6 DiffusorSheet 100 GelHolder FP6-GH SoftFrame 100 FP6-SF-100 Intensifier 80 FP6-INT-80 EggCrate 60 FP6-EGC-60 EggCrate 40 FP6-EGC-40



FlexBase included

Flexible stand with foldable legs that attaches to HydraPanel's Cold Shoe. 4 threads to attach Babypin etc and screw into walls and ceilings
FP6-FB



BabyPin
BabyPin with 1/4" thread
AX-BBP-1/4



ConnectorPlate included

Join up to 4 panels with ConnectorPlates. Backside 1/4" thread for BabyPin
FP6-CP



SINGLE UNIT KIT

280 x 246 x 106 mm
11.02 x 9.69 x 4.17 inches
2.4 kg / 5.3 lbs (full weight)
FP6-SET-1



Contains

1x HydraPanel (FP6)	1x 6 Light Modifiers (FP6-DS-100 / -GH / -SF-100 / -INT-80 / -EGC-60 / -EGC-40)
1x FlexBase (FP6-FB)	1x Hyperion Tube Power Supply (FP3-CHR)
3x ConnectorPlate (FP6-CP)	3x Power/Data Cable 0,2m (PWB-CAB-0.2)
4xBabyPin (AX-BBP-1/4)	

KITS

KIT FOR 4

415 x 335 x 180 mm
16.34 x 13.19 x 7.09 inches
8.1 kg / 17.9 lbs (full weight)
FP6-SET-4

Contains

4x HydraPanel (FP6)	4x 6 Light Modifiers (FP6-DS-100 / -GH / -SF-100 / -INT-80 / -EGC-60 / -EGC-40)
4x FlexBase (FP6-FB)	1x Hyperion Tube Power Supply (FP3-CHR)
3x ConnectorPlate (FP6-CP)	3x Power/Data Cable 0,2m (PWB-CAB-0.2)
4xBabyPin (AX-BBP-1/4)	

SPECIFICATIONS

Order Code	FP6	Wired DMX	Yes (via FP1-PWB / FP3-DTL / PWB-2-86)
LED Engine (colors)	Titan LED Engine (RGBMintAmber)	CRMX Receiver	Built-in
Total LED Power	25 W	BluetoothBridge BTB	Built-in
LED Power Draw	17 W	Wireless Protocols	CRMX, UHF, Bluetooth, WIFI
Luminous Flux – 3200 K / 4000 K / 5500 K	1102 lm / 1287 lm / 1298 lm	Wireless Range	CRMX/UHF up to 300 m / 330 yds Bluetooth up to 3 m / 3.3 yds
Light Output @ 1m – 3200 K / 4000 K / 5500 K	443 lx / 512 lx / 516 lx	ControlSync / TouchSlider	Yes / Yes
CRI (Ra) / TLCI 3200-6500 K*	≥96	Housing Material	Polymer & Metal
Beam Angle / Field Angle	110° x 100° / 150° x 145°	IP Rating unwired	IP65 (only with PB15-PLG)
Strobe	0 - 25 Hertz	IP Rating wired with PWB-CAB-0.25/-5/-10/-15	IP65
Pixel	6	Weight	604 g / 1.3 lb
Battery Runtime (max Brightness)	up to 20 hours (lh 45m)	Dimensions L x W x D	166 mm x 85 mm x 43.5 mm / 6.53" x 3.34" x 1.71"
Battery Lifetime	70 % after 300 cycles		
Charging Time (nominal)	3 hours		
DC Input	24 VDC - 0.85 A		

*Typical values

TUBES. FOR EVENTS. FOR FILM. FOR BOTH.



HELIOS TUBE

TITAN TUBE

HYPERION TUBE

Designed for Film/Broadcasting lighting and the highest performance. All 3 tubes are optimized for ultra-high CRI/TLCI and peak brightness. In addition to wireless power and control, they can be wired with power and data through a single cable.

PIXEL TUBE

An affordable yet very powerful battery LED tube for stage, event and entertainment lighting. It can be used on stages, around event sites and to create stunning lighting effects. A highly creative device that offers an infinite range of possibilities.

THE NEW TUBES - WITH BLUETOOTH BRIDGE



Our new Titan Tubes and Helios Tubes contain Bluetooth Bridge, a technology that Astera has been integrating into lights such as NYX Bulb, PixelBrick and AX9. You can connect your phone or tablet directly to the tube and use it to control additional Astera lights. An AsteraBox is not needed anymore for App control. Additional information on page 5.

IDENTIFY TUBES WITH BLUETOOTH BRIDGE

BTB-enabled Titan & Helios Tubes are marked with a BTB Logo.



SPECIFICATIONS

8 Pixel	24 W LED Power Draw	48 W LED Power Draw	92 W LED Power Draw	16 Pixel
	36 W Total LED Power	72 W Total LED Power	144 W Total LED Power	32 Pixel
1.340 lm Brightness in white*	2.900 lm Brightness in white*	5.800 lm Brightness in white*	725 lm Brightness in white*	1.035 mm Length
550 mm Length	1.035 mm Length	1.035 mm Length	2.031 mm Length	2.031 mm Length
HELIOS TUBE	TITAN TUBE	HYPERION TUBE	PIXEL TUBE	

Order Code	FP2-BTB	FP1-BTB	FP3-BTB	AX1-BTB
LED Engine (colors)		Titan LED Engine (RGBMintAmber)		RGBW
Total LED Power	36 W	72 W	144 W	28 W
LED Power Draw	24 W	48 W	92 W	16 W
Luminous Flux 4000 K	1340 Lumens	2 900 Lumens	5 800 Lumens	725 Lumens
Light Output 4000 K @ 1 m	393 Lux	785 Lux	1570 Lux	255 Lux
CRI(Ra)/TLCI 3200-6500K*		≥96		≤88
Strobe		0 - 25 Hertz		
Pixel	8	16	32	16
Battery Runtime		up to 20 hours		
Battery Lifetime		70 % after 300 cycles		
Charging Time (nominal)		3 hours		7 hours
DC Input	24 VDC - 1.25 A	24 VDC - 2 A	24 VDC - 4 A	48 VDC - 0.5 A
Wired DMX	Yes (via FP1-PWB / FP3-DTL / PWB-2-86)	Yes (via FP3-DTL / PWB-2-86)	No	
CRMX Receiver		Built in		
BluetoothBridge BTB		Built in		
Wireless Protocols		CRMX, UHF, Bluetooth, WiFi		
Wireless Range		CRMX/UHF up to 300 m / 330 yds, Bluetooth up to 3 m / 3.3 yds		
Housing Material		Polycarbonate, metal end caps		
IP Rating		IP65 (only with FP1-SP)		IP65 (only with SiliconeCap)
Ambient Operating Temperature		0 - 40 °C / 32 - 104 °F		
Weight	0.765 kg / 1.68 lb	1.35 kg / 3 lbs	2.9 kg / 6.39 lbs	1 kg / 2.2 lbs
Dimensions (L x Ø)	550 x Ø 43 mm 21.7 x Ø 1.7"	1035 x Ø 43 mm 40.7 x Ø 1.7"	2031 x Ø 43 mm 79.9 x Ø 1.7"	1035 Ø 43 x mm 40.7 x Ø 1.6"

*Typical values

ACCESSORIES



CrossPlate
Connects up to 4 tubes to one Babypin (welded to backside)
AX1-CP



WingPlate
Hang tubes via one babypin or connect several tubes together
AX1-WP



TubeHolder
Fix tubes via screws or BabyPin to walls and structures
AX1-H



TubeStand
Foldable tripod for a quick setup
AX1-STD



BabyPin 1/4"
Connects Holder/Wingplate to Manfrotto and Matthews clamps
AX-BBP-1/4



HeliosHandle
Use Helios as a handheld light (only suitable for Helios Tube)
FP2-HND



M5 Eyebolt
Eyebolt for hanging Titan, Helios and Hyperion Tubes (also as secondary mounting for all Tubes)
FP1-EBLT / AX1-EBLT (no rubber ring)

SOFTBAG TITAN / PIXEL TUBE

For up to 4 Titan Tubes / Pixel Tubes and all their accessories, power supplies, wingplates, cables and more
1085 x 310 x 175 mm
FP1-SB



SOFTBAG HELIOS TUBE

For up to 4 Helios Tubes and all their accessories, power supplies, wingplates, cables and more
590 x 300 x 132 mm
FP2-SB



TUBE-KIT & CASES

Cases for charging and safe transportation of your tubes and accessories.

HELIOS TUBE KIT

765 x 503 x 260 mm
29 kg/64 lbs (full weight)
FP2-BTB-SET

8x Helios Tube BTB

16x BabyPin1/4" 16x TubeHolder 1x PowerBox
1x AC Cable 16x Eyebolt 8x TubeStand



TITAN TUBE KIT

1147 x 443 x 157 mm
35 kg / 77 lb (full weight)
FP1-BTB-SET

8x Titan Tube BTB

16x BabyPin1/4" 16x TubeHolder 1x PowerBox
1x AC Cable 16x Eyebolt 8x TubeStand



4x Hyperion Tube BTB

2262 x 394 x 149 mm
29 kg / 64 lb (full weight)
FP3-BTB-SET

8x BabyPin1/4" 8x Eyebolt 8x TubeHolder
4x Wingplate 1x Power Supply Unit Adapter 4x Power Supply Unit
1x DataLink



PIXEL TUBE KIT

1147 x 443 x 157 mm
33 kg / 72.8 lb (full weight)
AX1-BTB-SET

8x Pixel Tube BTB

16x BabyPin1/4" 16x TubeHolder 1x AX1 ChargingBox
16x Eyebolt 8x TubeStand



All Tube Cases come with:

WHEELS

not Hyperion Set



HANDLE



IN CASE CHARGING



RUGGED CASE



PIXELBRICK PB15

Say hello to our next-generation multi-purpose light. In addition to being a battery-powered uplight and PAR with 5 different beam options, multiple PixelBricks can be connected to form clusters and shapes. With about 10cm edge length and 1kg weight, it is small and lightweight while still featuring a powerful output of high-quality light. The PixelBrick can be used for many stage, film and TV applications.



15W RGBMA



BUILD CUSTOM SHAPES

with our creative accessories



FEATURES

AIRLINE TRACKS
on 4 sides for mounting and building shapes and clusters

SOCKETS
for power management and wired DMX



BACKSIDE DISPLAY
with Titan Tube layout for standalone operation and DMX preparation

MULTI FUNCTIONAL BRACKET
removable, with Airline Track, 1/2" hole and 3/8"-16 UNC thread for hanging and mounting

Order Code	PB15
LED Engine (colors)	Titan LED Engine (RGBMintAmber)
Total LED Power	15 W
LED Power Draw	12 W
Luminous Flux – 2700K, 3200K, 5500K*	405, 475, 395 Lumens
Light Output @2m – 2700K, 3200K, 5500K	6 178, 7 144, 5 985 Lux
CRI(Ra)/TLCI 3200-6500K*	≥96
Beam Angle	13°
Strobe	0 - 25 Hertz
Battery Runtime	up to 20 hours
Battery Lifetime	70 % after 300 cycles
Charging Time (nominal)	5 hours
DC Input	24 VDC - 0.8 A

*Typical values

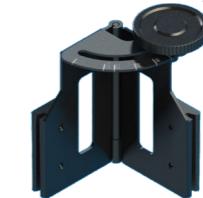
ACCESSORIES



BrickMount
Slide into the PixelBrick's side to connect mounting tools through 1/4"-20 and M5 threads.
PB15-BMO



BrickConnect
Connect 2 PixelBricks to each other's side.
PB15-BCN



BrickHinge
Connect 2 PixelBricks, angle them to spread their beam and to create shapes.
PB15-BHI



BrickTilt
Connect 2 PixelBricks, tilt them to spread their beam and to create shapes.
PB15-BTLT



BrickBase
BasePlate to support PixelBrick shapes, can be placed on floor or attached to truss tops.
PB15-BBSE

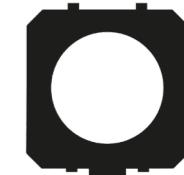


BrickDome
Create an evenly illuminated pixel dome or remove the 120° filter for a wide-angle soft light.
PB15-BDM



FloodFilter
Insert filter into light to get a 32° beam.
PB15-FF

BeamSoftener
Insert filter to mix colors better and get a softer 17° beam.
PB15-BSO



StealthCover
Gives a black surface so that it can blend into dark environments
PB15-SC



ACCESSORY KIT

520 x 400 x 140 mm
13.3 kg / 29.3 lbs (full weight)
PB15-ACCCSE-SET

Contains

- 10x BrickMount (PB15-BMO)
- 4x TrackPin (AX-TP)
- 8x BrickDome (PB15-BDM)
- 8x BrickHinge (PB15-BHI)
- 8x Eyebolt (FP1-EBLT)
- 8x BrickTilt (PB15-BTLT)
- 2x 5m Power/Data Combination cable (PWB-CAB-5)
- 6x 0.2mm Power/Data Combination cable (PWB-CAB-0.2)



PIXELBRICK KIT
541.5 x 400 x 205.5 mm
21.3 x 17.44 x 8.1 inches
16.3 kg / 36 lbs (full weight)
PB15-SET

Contains

- 8x PB15 PixelBrick (PB15)
- 1x PowerBox (PWB-2-86)
- 1x PowerConTrue1
- 8x BrickConnect (PB15-BCN)
- 8x FloodFilter, 8x BeamSoftener (PB15-FF, PB15-BSO)

SPECIFICATIONS

Wired DMX	Yes via PWB-2-86 (FP1-PWB / FP3-DTL)
CRMX Receiver	Built in
BluetoothBridge BTB	Built in
Wireless Protocols	CRMX, UHF, Bluetooth, WiFi
Wireless Range	CRMX/UHF up to 300 m /330 yds Bluetooth up to 3 m / 3.3 yds
Housing Material	Aluminium
IP Rating (unwired)	IP65 (only with PB15-PLG)
Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F
Weight	1.12 kg / 2.47 lbs
Dimensions (L x W x D)	91 mm x 91 mm x 94 mm / 3.6" x 3.6" x 3.7"

AX9 PowerPAR

AX5's Big Brother – Twice as bright!

The AX9 utilizes the AX5's successful 3-in-1 concept which allows it to be used as wireless light and elegant uplight as well as a wired PAR light for longer or bigger installations. This makes it an extremely cost-efficient light and keeps your investment to a minimum. The AX9 packs extreme brightness in a compact and light housing while still giving you industry-leading colors and white tones thanks to its Titan LED Engine.



COMPARISON

	AX9 PowerPAR	AX5 TriplePAR	
LED Engine	Titan LED Engine (RGBMintAmber)	RGBAW	LED Engine
Total LED Power	105 W	45 W	Total LED Power
Weight	5.7 kg / 12.5 lbs	3.4 kg / 7.5 lbs	Weight
Bracket	Removable with Airline Track, 3/8" thread, 1/2" hole	Removable with 3/8" thread	Bracket
App Control	via AsteraBox or Bluetooth Bridge	via AsteraBox or Bluetooth Bridge (only for AX5-BTB)	App Control
Control Panel	OLED screen with 5 buttons + dedicated buttons for color & brightness	LCD screen with 5 buttons	Control Panel



Stand

Optimized bracket with Airline Track, 3/8" thread, 1/2" hole



Airline Track & Thread

Airline Track, 3/8" thread and 1/2 hole for several mounting tools.



Removable Bracket

Turn your AX9 into an uplight in seconds



7x15 RGBMintAmber LED

And high CRI due to individual factory calibration



3x15 RGBAW LED

And high CRI due to individual factory calibration



Removable Bracket

Turn your AX5 into an uplight in seconds



Stand

Foldable and with thread for hanging

AX5 TriplePAR

3-in-1 The Perfect PAR

Optimized for a fast return on investment, AX5 replaces your wireless and wired PARs as well as battery uplights.



3-IN-1

Wireless PAR



Elegant Uplight



Wired PAR



3-IN-1

Wireless PAR



Elegant Uplight



Wired PAR



AX9 ACCESSORIES



Flex Cover White
Wrap around the AX9 to turn it into an elegant uplight.
AX9-FLXCVR-WT



Flex Cover Mirror
Wrap around the AX9 to turn it into an elegant uplight.
AX9-FLXCVR-MIR



FloodFilter 32°
Insert filter into light to get a 32° beam.
AX9-FF



WallwashFilter 17°x46°
Insert filter into light to get an elliptical 17° x 46° beam.
AX9-WWF



RotatableFilter 17°x46°
Filter with elliptical 17° x 46° beam that can be turned around while inserted into the light.
AX9-ROTAD



EggCrate
Cuts off spill light around the beam and avoids glare.
AX9-EGC



AX5 ACCESSORIES



Flex Cover White
Wrap around the AX5 to turn it into an elegant uplight.
AX5-FLXCVR-WT



Flex Cover Mirror
Wrap around the AX5 to turn it into an elegant uplight.
AX5-FLXCVR-MIR



Volcano Cover White
Slide the volcano cover over an AX5 to give it a clean and classy look.
AX5-VULCVR-WT



FloodFilter 32°
Insert filter into light to get a 32° beam.
AX5-FF



WallwashFilter 17°x46°
Insert filter into light to get an elliptical 17° x 46° beam.
AX5-WWF



RotatableFilter 17°x46°
Filter with elliptical 17° x 46° beam that can be turned around while inserted into the light.
AX5-ROTAD



Diffuser Dome
Use as softlight projector or insert the included 120° filter to create a stunning light ball.
AX5-DDM



Snoot
Built-in beam shaping tool to narrow and define the beam. Integrated honeycomb to avoid glare.
AX5-SN

CHARGING

AX9 CHARGING CASE

Attention: Cases are different depending on your country - please ask your local dealer for more details.



CHARGING PLATE (FOR 8 AX9)

715 x 558 x 157 mm / 28.1 x 22 x 6.2 inch
(only on request)
AX9-CHRPLT-8

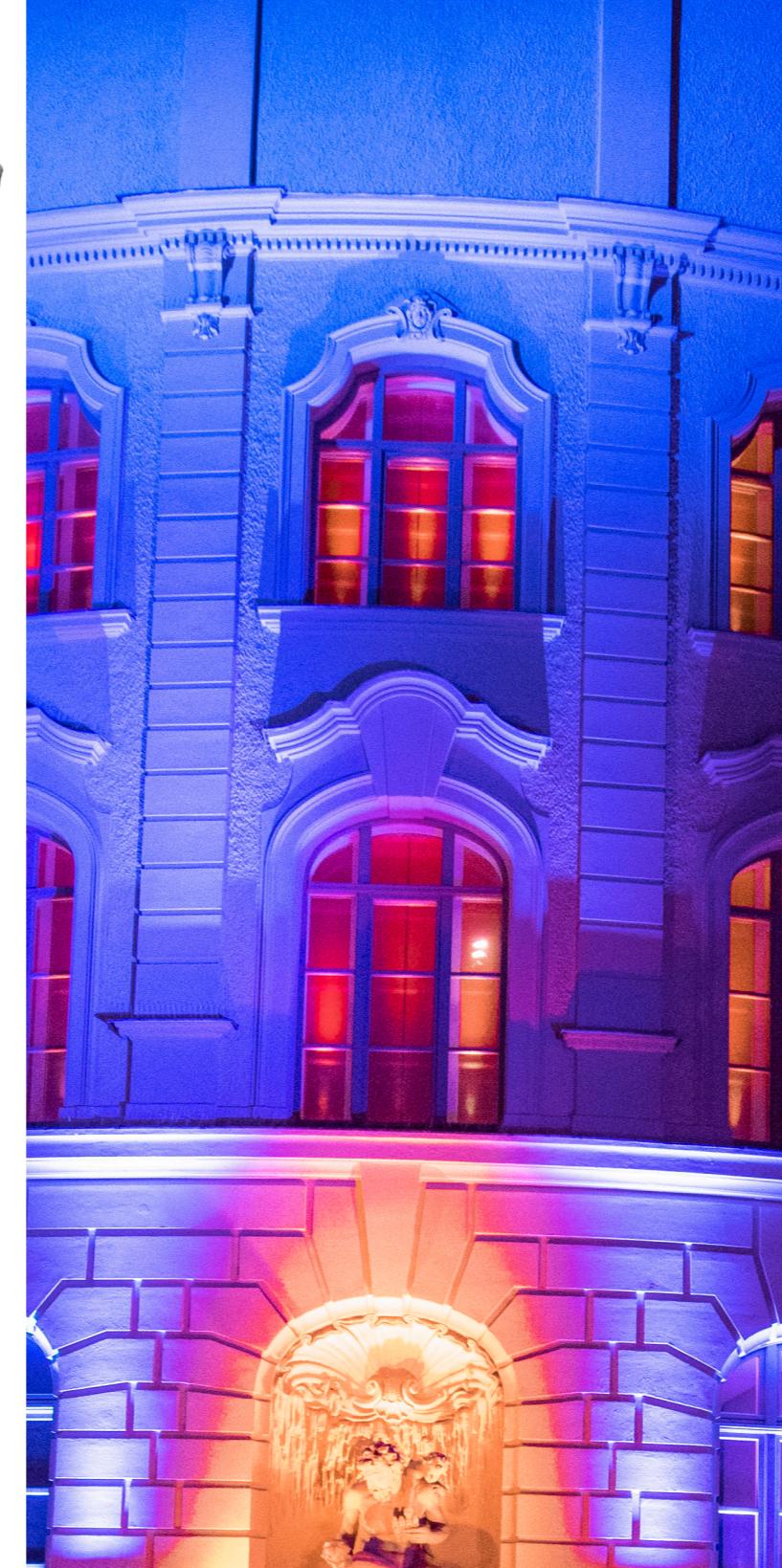
FEATURES



AX9 SPECIFICATIONS

Order Code	AX9
LED Engine (colors)	Titan LED Engine (RGBMintAmber)
Total LED Power	105 W
LED Power Draw	70 W
Luminous Flux – 2700K, 3200K, 5500K*	2 844 / 3 214 / 3 047 Lumens
Emittance @2m – 2700K, 3200K, 5500K*	41 755 / 47 078 / 44 355 Lux
CRI(Ra)/TLCI 3200-6500K*	≥96
Beam Angle	13°
Strobe	0 - 25 Hertz
Battery Runtime	up to 20 hours
Battery Lifetime	70 % after 300 cycles
Charging Time (nominal)	5 hours

AC Input	100-240 VAC, 50/60 Hz, 2.3 A/115 VAC, 1.1 A/230 VAC, 110 W
Wired DMX	Yes (5-pin XLR)
CRMX Receiver	Built in
BluetoothBridge BTB	Built in
Wireless Protocols	CRMX, UHF, Bluetooth, WIFI
Wireless Range	CRMX/UHF up to 300 m / 330 yds Bluetooth up to 3 m / 3.3 yds
Housing Material	Aluminium
IP Rating	IP65
Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F
Weight	5.66 kg / 12.5 lbs
Dimensions (L x W x D)	175 mm x 222 mm x 256 mm / 6.9" x 8.7" x 10.1"

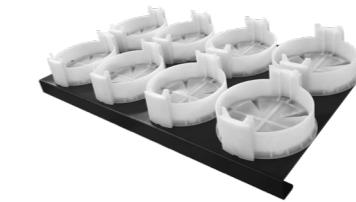


AX5 CHARGING CASE

740 x 580 x 540 mm
45 kg / 99 lbs (full weight)
AX5-CHRCSE



Exact case design varies from country to country



CHARGING PLATE (FOR 8 AX5)

700 x 540 x 250 mm
8 kg / 17.6 lbs (empty weight)
(only on request)
AX5-CHRPLT-8

FEATURES



AX5 SPECIFICATIONS

Order Code	AX5-BTB
LED Engine (colors)	RGBAW (RGBAW)
Total LED Power	45 W
Light Output 3200 K @ 2m	4800 Lux
CRI (Ra)/ TLCI 3200- 6500 K*	≤92
Beam Angle	13°
Strobe	0 - 25 Hertz
Battery Runtime	up to 20 hours
Battery Lifetime	70 % after 300 cycles
Charging Time (nominal)	5 hours
AC Input	90-264 VAC, 47/63 Hertz, 1.2 A / 115 VAC, 1.0 A / 230 VAC

Wired DMX	Yes (via 5-pin XLR)
CRMX Receiver	Built in
BluetoothBridge BTB	Built in
Wireless Protocols	CRMX, UHF, Bluetooth, WIFI
Wireless Range	CRMX/UHF up to 300 m / 330 yds Bluetooth up to 3 m / 3.3 yds
Housing Material	Aluminium
IP Rating	IP65
Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F
Weight	3.4 kg / 7.5 lbs
Dimensions with bracket (L x W x D)	148.1 mm x 193.6 mm x 213.5 mm / 5.83" x 7.62" x 8.40"

*Typical values

FILTERS & DIFFUSERS

AX3 LightDrop

The AX3 is a battery operated, easy to use IP65 RGBW puck aimed at stage lighting and corporate events. It can be used as uplight as well as hanging or standing spotlight and inside translucent objects, truss, etc. It is extremely compact and yet offers a high brightness paired with long battery runtime and range.



15W RGBW



Small yet powerful
only 95mm diameter and 59mm height (inches 3.7x2.3)



DiffuserDome

Create a wide-angle soft light or add a 120° filter to create an evenly illuminated pixel dome.
AX3-DDM



WallwashFilter (17°x46°)

Insert filter into light to get an elliptical 17° x 46° beam.
AX3-WWDSK



FloodFilter (30°)

Insert filter into light to get a 30° beam.
AX3-DDSK-30



DiffuserFilter (120°)

Insert filter into light to get a 120° beam.
AX3-DDSK-120

KIT

AX3 KIT

520 x 400 x 140 mm
20.5 x 15.7 x 5.5 inches
12,4 kg/27.3 lb (full weight)
AX3-BTB-SET



SPECIFICATIONS

Order Code	AX3-BTB
LED Engine (colors)	RGBW (RGBW)
Total LED Power	15 W
Luminous Flux 3200K	430 Lumens
Light Output 3200 K @ 2m	1300 Lux
CRI (Ra)/ TLCI 3200- 6500 K*	≤88
Beam Angle	13°
Strobe	0 - 25 Hertz
Battery Runtime	up to 20 hours
Battery Lifetime	70 % after 300 cycles
Charging Time (nominal)	7 hours
DC Input	5 VDC - 2.5 A

Wired DMX	No
CRMX Receiver	Built in
BluetoothBridge BTB	Built in
Wireless Protocols	CRMX, UHF, Bluetooth, WIFI
Wireless Range	CRMX/UHF up to 300 m / 330 yds Bluetooth up to 3 m / 3.3 yds
Housing Material	Aluminium & Polycarbonate
IP Rating	IP65 (only with Waterproof Protection Cover (AX3-SP))
Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F
Weight	0.68 kg / 1.4 lb
Dimensions with bracket (L x W x D)	120 mm x 59 mm x 114 mm 7.4" X 2.3" X 4.4"

*Typical values

AX2 PIXEL BAR

Astera's Wireless PixelBar is a linear wash fixture. Each of its LEDs can be individually addressed and offers ultra-high color rendering, digital color calibration and a native 21° beam. Thanks to its smart stands, hanging bracket, connectable endcaps and the integrated Airline Track it can be quickly assembled in numerous ways and is suitable for a wide variety of applications such as concert/touring, corporate events, TV etc.

Available in 2 sizes 50cm with 8x10W and 100cm with 16x10W (20" and 40")



160W RGBMintAmber



Removable feet
Multi-functional feet with quick-release clamp

BarConnect+
for connecting several AX2.
With IR-Module for easy communication



Airline Track
Airline Track at back and bottom to attach mounting tools



Barndoors
Control the shape of the light



TrackPin

5/8" Babypin, connects to all Astera products with airline track.
AX-TP



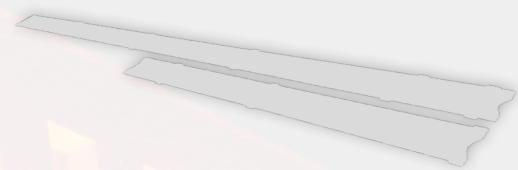
JumpCable for AX2

Hybrid cable that combines power in+out and data in+out into 1 cable.
AX-JC



FlyBar

Sturdy rigging accessory for hanging a string of connected AX2s from a single point.
AX-FB



Filter 30°

AX2-100-F30
AX2-50-F30

Filter 60°

AX2-100-F60
AX2-50-F60

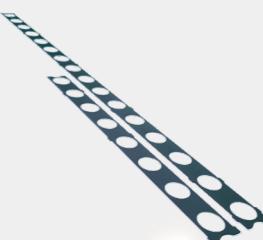
Filter 120°

AX2-100-F120
AX2-50-F120



Barndoors for AX2

Acts as glare shield and controls the AX2 beam.
AX2-100-BD / AX2-50-BD



Stealth Cover
Gives the AX2 a black surface so that it can blend into dark environments
AX2-100-SC / AX2-50-SC

CHARGING CASE

AX2 CHARGING CASE

1190 x 588 x 468 mm
46.9 x 22.8 x 21.3 inch
AX2-50-CHRCSE
AX2-100-CHRCSE

This sturdy flight case can charge 4 AX2-50 or 4 AX2-100 through the integrated AC distribution cable from one AC socket.
Dedicated spaces for barndoors, brackets and additional side compartment for other accessories.

Can hold

- 4x PixelBar 50 or 100 (not included) (AX2-50 / AX2-100)
- 8x Feet (included with AX2) (AX-FT)
- 8x TrackPin (not included) (AX-TP)
- 4x FlyBar (not included) (AX-FB)
- 8x Barndoors (not included) (AX2-50-BD / AX2-100-BD)
- 4x JumpCable (not included) (AX-JC)
- 1x AC Distribution Cable (included) (AX2-CHRCSE-ACDIS)



SPECIFICATIONS

Order Code	AX2-100 / AX2-50	Battery Runtime	70 % after 300 cycles
LED Engine (colors)	Titan LED Engine (RGBMintAmber)	Charging Time (nominal)	5 hours
Total LED Power	160 W / 80 W	AC Input	96-264 VAC, 50/60 Hertz, 2 A, 104 W
LED Power Draw	80 W / 40 W	96-264 VAC, 50/60 Hertz, 2 A, 49 W	
Luminous Flux – 2700K / 3200K / 5500K*	3 600 lm / 4 460 lm / 4 530 lm	Wired DMX	Yes (via 5-pin XLR)
	1 800 lm / 2 230 lm / 2 265 lm	CRMX Receiver	Built in
Light Output @ 1 m – 2700K / 3200K / 5500K*	17 995 Lux / 22 125 Lux / 22 025 Lux	Wireless Protocols	CRMX, UHF
	8 995 Lux / 11 060 Lux / 11 010 Lux	Wireless Range	CRMX/UHF up to 300 m / 330 yds
CRI(Ra) / TLCI 3200-6500k*	≥96	Housing Material	Aluminium
Beam Angle	21°	IP Rating	IP65
Strobe	0 - 25 Hertz	Ambient Operating Temperature	0 - 40 °C / 32 - 104 °F
Pixel	16 / 8	Weight	7.4 kg / 16.3 lbs / 4.5 kg / 9.9 lbs
Battery Runtime	up to 20 hours	Dimensions with hook (L x W x D)	1020 x 165 x 65 mm / 40.1 x 6.5 x 2.6" 520 x 165 x 65 mm / 20.5 x 6.5 x 2.6"

*Typical values

NYX BULB

The color-tunable LED bulb for professional film, stage and event productions. Not bigger than a normal LED bulb, it contains a CRMX receiver as well as RF and Bluetooth modules for the AsteraApp. It can be powered via E26/E27 thread or with a standard power bank and thanks to its Titan LED engine it displays precise colors and white tones with ultra-high CRI and TLCI.



PowerStation for NYX Bulb

Battery pack and remote display to power and program NYX Bulb. Attach NYX Bulb via lamp socket and connect mounting accessories to the integrated Airline Tracks.



ACCESSORIES



USB DC Cable
Short cable to power your NYX Bulb from a 5-18VDC power source, e.g. a standard power bank.
FP5-USBC



TrackPin
5/8" Babypin, connects to all Astera products with airline track.
AX-TP



D-TAB SplitCable
Power up to 8 NYX Bulbs from one V-mount battery with D-tap socket.
FP5-DTSC



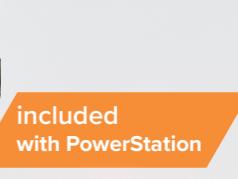
Extension Cable for NYX Bulb
Add 1.5m of cable length to the PowerStation if you need to place a NYX Bulb further away.
FP5-EXC



PowerStation Hanger
Ring with attaches to PowerStation to suspend or secure it.
FP5-PSH



CupBouncer
Attach to NYX Bulb via suction cup and control the light by bouncing it back.
FP5-CPB



LampSocket
Dummy socket which attaches a NYX Bulb to a PowerStation without powering it.
FP5-E27S



NYX BULB KIT
414 x 334 x 130 mm
16.3 x 13.1 x 5.1 inches
5.3 kg/11.7 lbs (full weight)
FP5-SET



POWERSTATION KIT
520 x 400 x 140 mm
20.5 x 15.7 x 5.5 inches
8.5 kg/18.7 lbs (full weight)
FP5-PS-SET



KIT

SPECIFICATIONS

Order Code	FP5-E27 / FP5-E26 / FP5-B22
LED Engine (colors)	Titan LED Engine (RGBMintAmber)
Total LED Power / LED Power Draw	14 W / 10 W
Luminous Flux - 3200K / 4000K / 5500K	618 / 750 / 683 Lumens
CRI(RA)/TLCI 3200-6500K*	≥96
Battery	only external
AC Input	FP5-E27 / -BC: 100-240 VAC FP5-E26: 100-120 VAC
DC Input	5-18 VDC, 2.1 A

*Typical values

POWER, CHARGING, CONNECTIVITY

TITAN POWERBOX

TITAN POWERBOX FP1-PWB

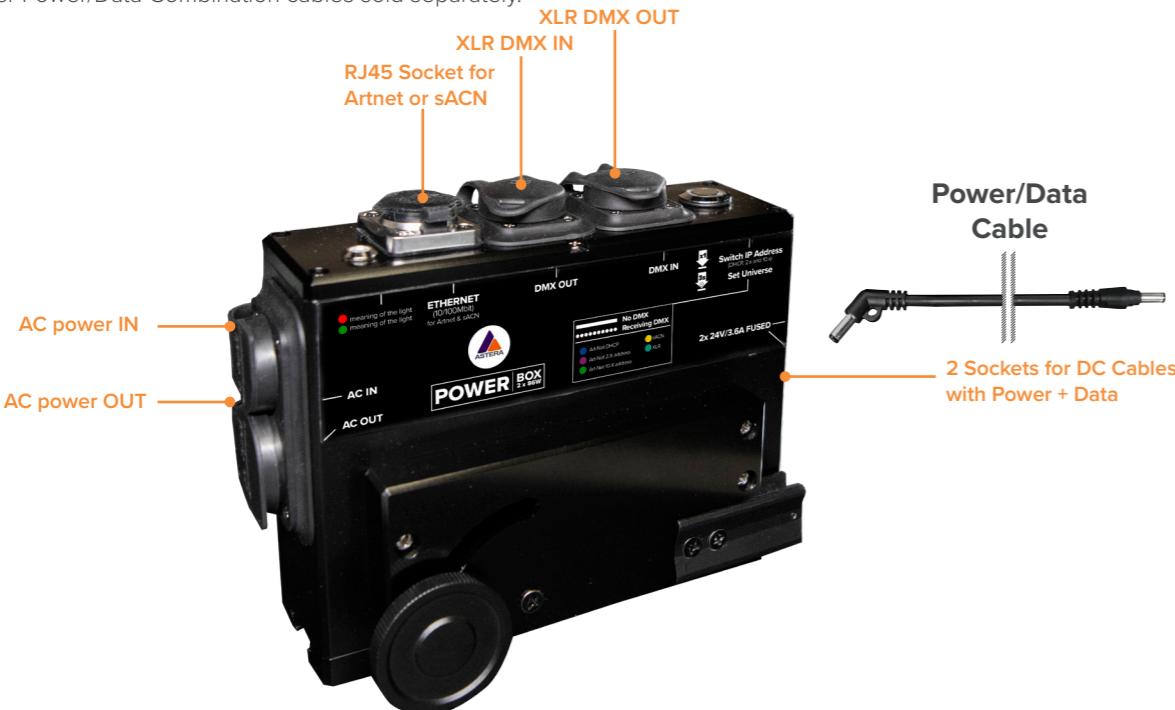
Power supply for charging 8 Titan Tubes or Helios Tubes at the same time. Also works as a converter for DMX, Art-NET and sACN. Including 1 PowerCon True1 AC cable and 8 short DC charging cables.



POWERBOX 2X86

POWERBOX 2X86 PWB-2-86

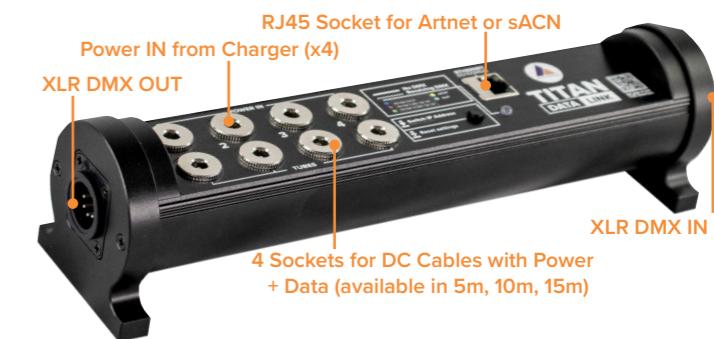
Charge or install 8 PixelBricks. Also allows wired data transfer from DMX, Artnet and sACN sources. Comes with PowerCon True1 AC cable and 8 short DC charging cables. Longer Power/Data Combination cables sold separately.



DATALINK

DATALINK FP3-DTL

Required device to send wired DMX to Hyperion Tube. Also useful for Titan Tube and Helios Tube if no Titan PowerBox is available or to work with multiple universes on one PowerBox.



COMPATIBILITY TABLE

	Helios Tube	Titan Tube	Hyperion Tube	AX1	PixelBrick	HydraPanel	PlutoFresnel
Titan PowerBox	x	x			x	x	
PowerBox 2x86	x	x	x		x	x	x
Datalink	x	x	x		x	x	x
AX1 ChargingBox				x			
Power Supply for Helios/Titan Tube	x	x			x	x	
Power Supply for Hyperion Tube	x	x	x		x	x	x
Power Supply for AX1				x			
Extension Cable for AX1				x			
Extension Cable for Helios, Titan, Hyperion	x	x	x		x	x	x
Titan Power/Data Combination Cable	x	x	x				x
Power/Data Combination Cable					x	x	

ACCESSORIES



AX1 Pixel Tube Power Supply

AC to DC power converter, charges 1 AX1 PixelTube or wires it for a longer installation. AX1-CHR



Helios/Titan Tube Power Supply

AC to DC power converter, charges 1 Titan or Helios Tube or wires it for a longer installation. FP1-CHR



Hyperion Tube Power Supply

AC to DC power converter, charges 1 Hyperion Tube or wires it for a longer installation. FP3-CHR



AX1 Extension Cable

Extend the PSU cable length by 5m. AX1-EXC



Helios, Titan, Hyperion Tube Extension Cable

Transfer Power + Data through a single cable; 5, 10 or 15m length. FP1-EXC



Titan Power/Data Combination Cable

Transfer Power + Data through a single cable; 0.2, 1.5, 5, 10 or 15m length. PWB-CAB-0.2/-1.5/-5/-10/-15

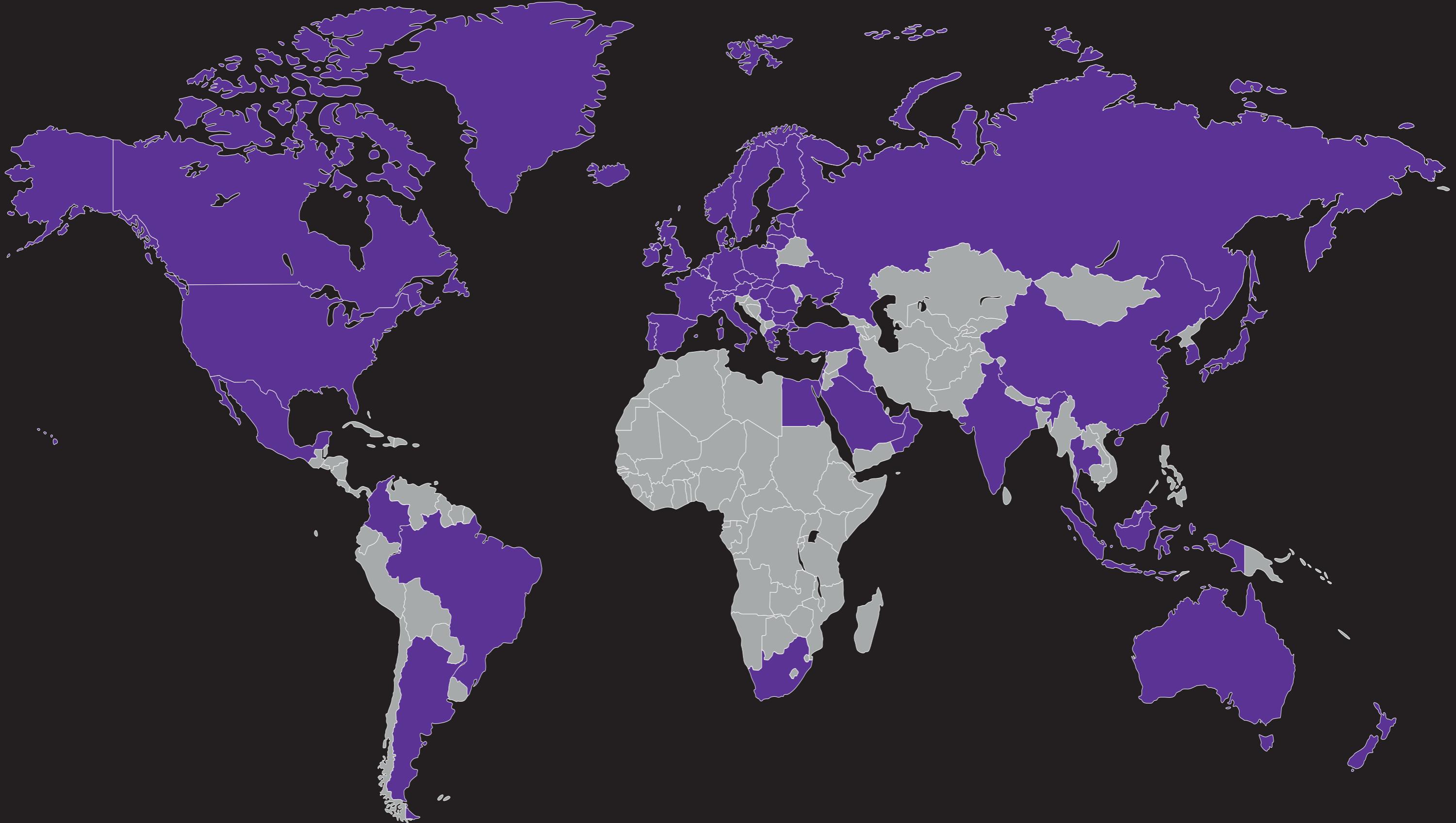
ASTERA WORLDWIDE

BUY, RENT & SERVICE

You can buy and rent Astera lights in more than 50 countries. In addition, we have established certified service centers in most of these countries to ensure the best service and support possible no matter in which part of the world you are.

FIND YOUR DEALER: WWW.ASTERA-LED.COM/DEALER

FIND YOUR SERVICE-CENTER: WWW.ASTERA-LED.COM/SUPPORT





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