



CATALOG

2021 / 2022



INVENTIONS FOR YOU.

Astera is a German hardware, software and manufacturing specialist. Since the mid-2000s, Astera has been producing battery powered, remote controlled LED lights. In 2007 Astera moved its factory from Germany to Shenzhen/China, the worldwide hub of LED technology and electronic innovation. By now, this factory has been expanded to more than 5000 sqm and is run by an international team of specialists.

True to its roots, Astera only manufactures battery-powered lights and accessories. Over the years the company kept adding features and new technologies to its lights. A range of battery spotlights has been used to illuminate numerous world-famous events.

In 2018, Astera noticed an increasing demand from the media industry for portable lights that can be used to shoot movies, commercials, music videos etc. and decided to build a product dedicated for this market. Astera got in touch with gaffers and cinematographers and with their help developed the award-winning Titan Tube.

For the coming years, several unique products are under development. Astera loves to listen to customers and with their help develop well thought-through products that help customers express their creativity and that professionals enjoy using.

N. Ernst

Norbert Ernst
CEO, Astera

100% WIRELESS



Max. 20h

Advanced battery technology and control lets 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

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



App

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.



IP65

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

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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.

ASTERA APP

The most powerful lighting control App for film and event lighting

The AsteraApp is the result of 10 years of development and specifically designed for fast and efficient temporary light setups. It is much more than a lighting control app as it also does all the setup that would usually be done on the light itself and enables many new features that cannot be found in any other light. All in all, it is a huge time-saver when setting up, monitoring or controlling lights.



CREATIVITY AT YOUR FINGERTIPS

Create complex animated effects with thousands of pixels that stretch over multiple lights. The AsteraApp offers an intuitive user interface with preinstalled and fully customizable programs and effects.

SMART DIAGNOSING AND EDITING

Easily setup and monitor your lights from the palm of your hand, no matter how complex your production may be. Powerful tools let you quickly adjust settings of multiple lights, e.g. when preparing them for DMX usage.

COMPLEX CUSTOMIZABLE EFFECTS

Choose from a wide range of preinstalled, highly customizable effects. Have all lights react simultaneously without delay or stretch effects over multiple lights. Your lights will remember and repeat these effects without requiring a constant wireless link.

..and more functions:

SCENES

WAREHOUSING

MANUALS INCLUDED

SCHEDULED STAND-BY

BACKUP & HANDOVER

AUTO-UPDATES

WIDE APPLICATION RANGE

The AsteraApp is designed for beginners and professional operators alike. It is suitable for event and film lighting scenarios no matter if you control just one light or a complex setup with different groups of hundreds of lights.

PRECISE COLOR INPUT METHODS

AsteraApp offers several useful tools to select colors so you are covered no matter if you want to mix your own color or input an exact RGB value or x, y coordinate. Thanks to Astera's industry-leading digital calibration, the fixtures are able to reproduce the exact color selected in the app.

GROUP YOUR LIGHTS

AsteraApp can control individual lights but is also able to create a total of 256 groups each with multiple lights. To increase your possibilities even further, groups can have multiple positions/addresses.

Watch our tutorials for more information:



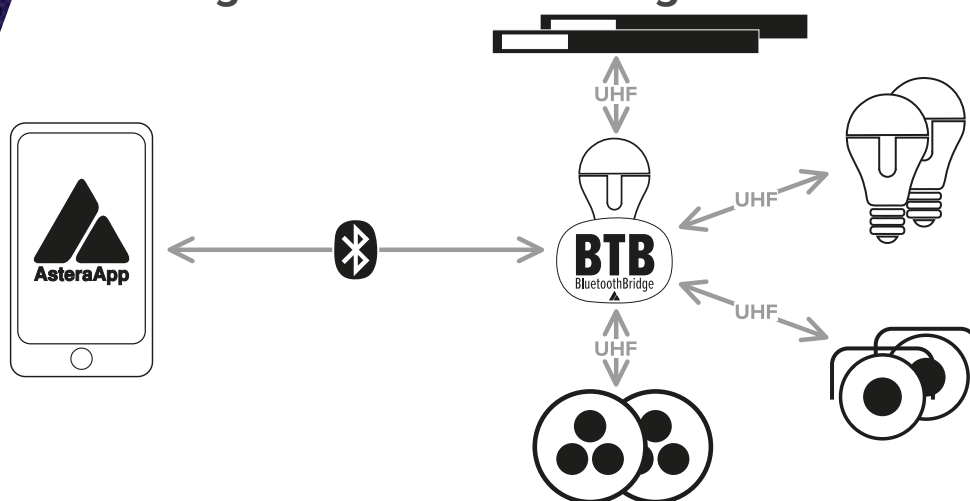
www.astera-led.com/academy

BLUETOOTH BRIDGE

Connect directly to selected Astera lights via Bluetooth. This master light will revert AsteraApp commands to itself and other Astera lights via UHF band. Works as well with the AsteraBox.

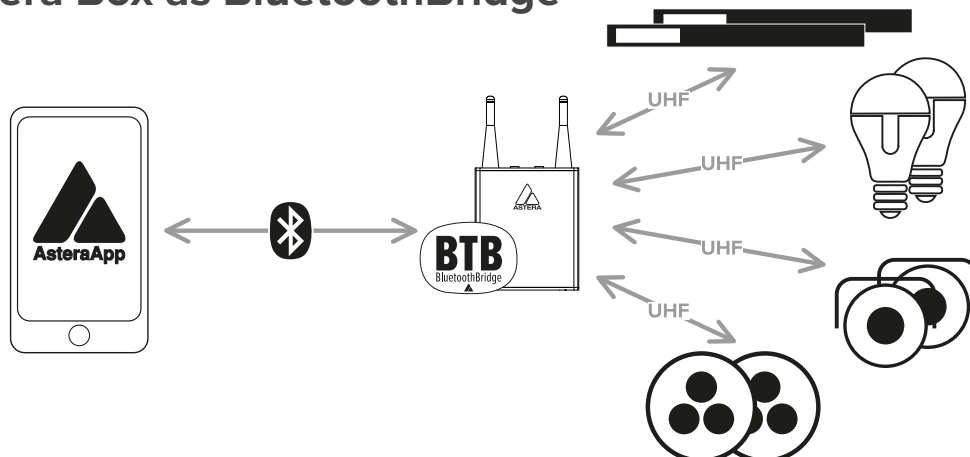


Astera Light* as BluetoothBridge



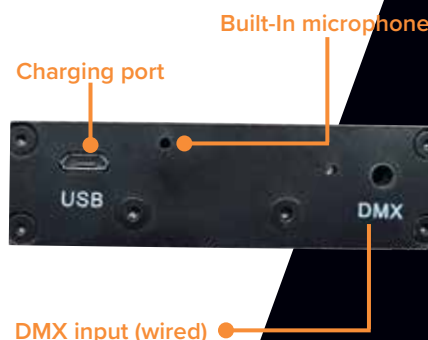
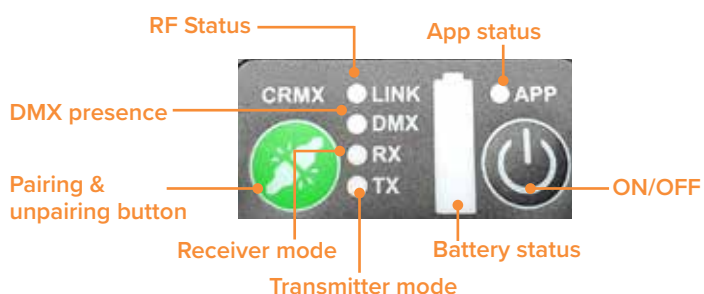
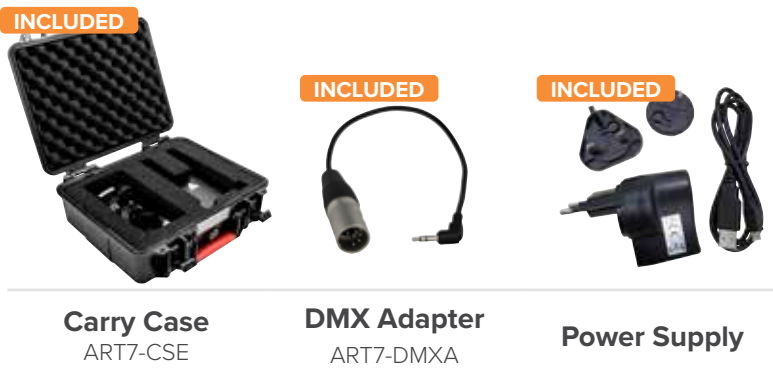
*BluetoothBridge works only with NYX Bulb, PixelBrick, AX9, Titan Tube BTB, Helios Tube BTB.

Astera Box as BluetoothBridge



ASTERABOX^{ART7}

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.



SPECIFICATIONS

Order Code	ART7-U
Battery	Rechargeable Li-Ion
Battery Runtime	72h (App); 18h (CRMX)
Range	CRMX/UHF: 300 m; Bluetooth: 10 m
Frequency	UHF, 2.4GHz
Dimensions (mm/inches)	144 x 78 x 30 / 5.7 x 3.1 x 1.2
Weight (kg/lbs)	0.230 / 0.5

RF CHARACTERISTICS ASTERABOX

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)	RUS: UHF (868.75-869.12MHz)	JPN: UHF (922.80-926.40MHz)	CRMX (2402-2480MHz)	Bluetooth 4.1 (2402-2480MHz)
Modulation	FHSS	FHSS	FHSS	FHSS	FHSS	FHSS	FHSS	FHSS	FHSS
ERP (Transmitter)	<25mW	<25mW	<25mW	<25mW	<25mW	<25mW	<25mW	<100mW	2mW (classic) 2mW (BLE)
Channel Count	47	53	53	41	10	6	19	79	79 40

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.

UHF

2.4 GHz



AsteraApp



AsteraBox



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



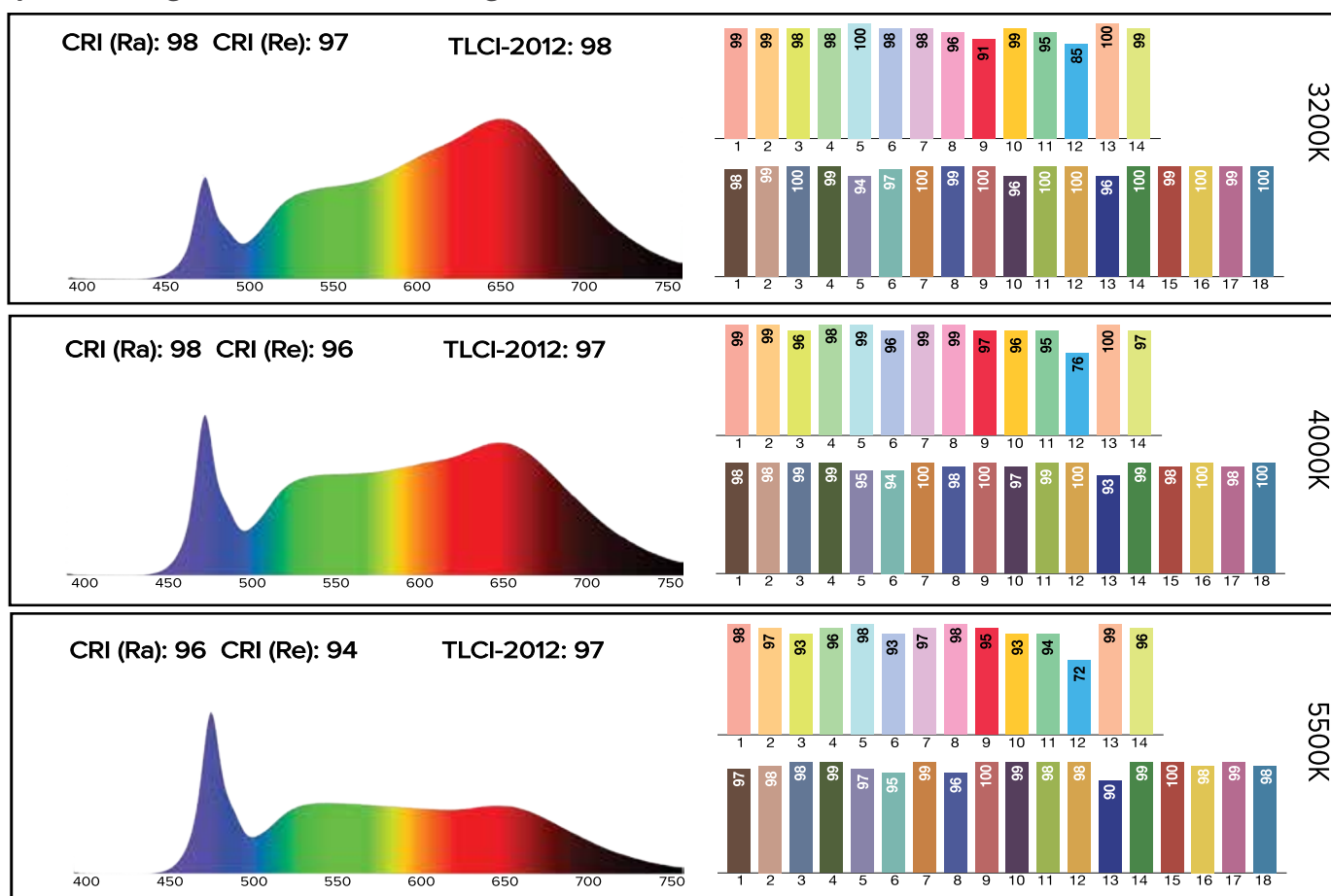
RGB+MINT+AMBER
FULL
SPECTRUM

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*



*Typical values



HYDRAPANEL^{FP6}



Max. 20h



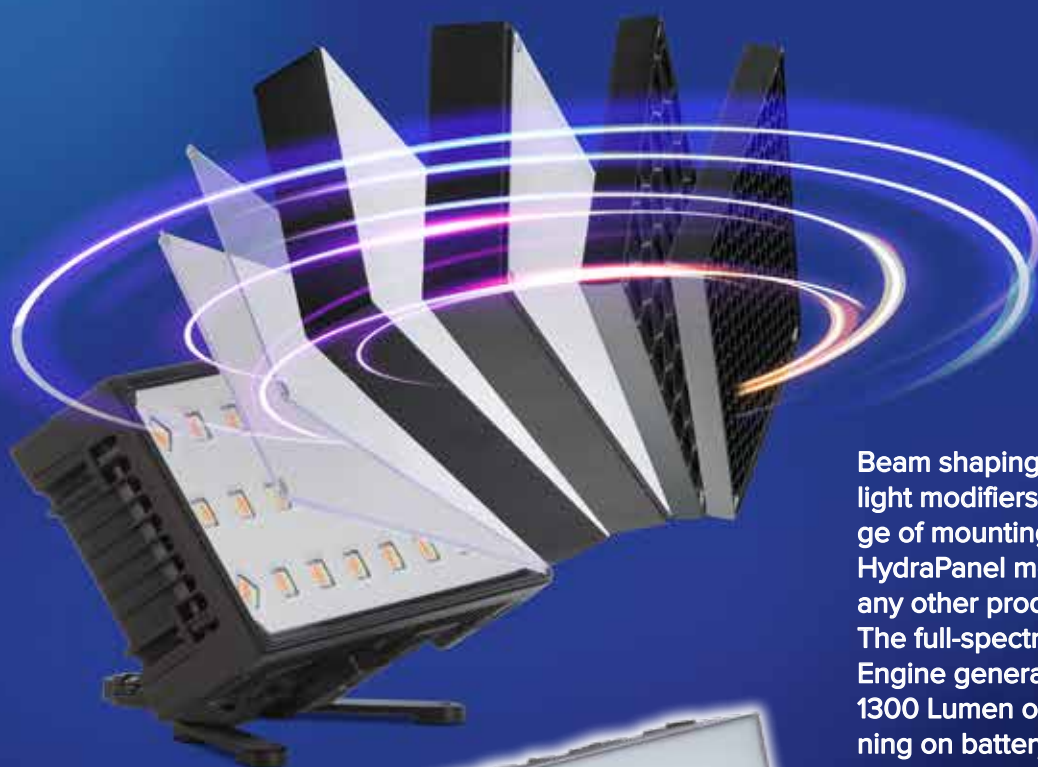
App



Wireless DMX

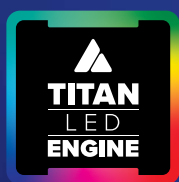


IP65



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 water-tight 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** FP6-DS-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

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



included

ConnectorPlate

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/-SF100/-INT80/-EGC60/-EGC40)
1x FlexBase (FP6-FB)	1x Helios / Titan Tube Power Supply (FP1-CHR)
1x ConnectorPlate (FP6-CP)	1x Power/Data Cable 0,2m (PWB-CAB-0.2)
1xBabyPin (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/-SF100/-INT80/-EGC60/-EGC40)
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
LED Engine	Titan LED Engine
Total LED Power	25W
LED Power Draw	17W
Luminous Flux – 3200 K / 4000 K / 5500 K	1102 lm / 1287 lm / 1298 lm
Light Output @ 1m – 3200 K / 4000 K / 5500 K	443 lx / 512 lx / 516 lx
CRI (Ra) / TLCI 3200- 6500 K*	≥96
Beam Angle / Field Angle	110° x 100° / 150° x 145°
Strobe	0 - 25Hz
Pixel	6
Battery Runtime (max Brightness)	up to 20 hours (1h 45m)
Battery Lifetime	70 % after 300 cycles
Charging Time (nominal)	3 hours
DC Input	24VDC - 0.85 A

*typical values

Wired DMX	Yes (via FP1-PWB / FP3-DTL / PWB2-86)
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
ControlSync / TouchSlider	Yes / Yes
Housing Material	Polymer & Metal
IP Rating unwired	IP65 (only with DC covers)
IP Rating wired with PWB-CAB-5/-10/-0,2	IP65
Weight	604 g / 1.3 lbs
Dimensions L x W x D (mm/inches)	166 x 85 x 43.5 / 6.53 x 3.34 x 1.71

TUBES. FOR EVENTS. FOR FILM. FOR BOTH.



Max. 20h



App



Wireless DMX



IP65

HELIOS TUBE

TITAN TUBE

HYPERION TUBE



Designed for Film/Broadcasting lighting and the highest performance. All 3 tubes are optimized for ultra-high CRI/TLCl 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

Max Power Draw

36 W

LED Power

1.340 lm

Brightness in white*



HELIOS TUBE

16

Pixel

48 W

Max Power Draw

72 W

LED Power

2.900 lm

Brightness in white*



TITAN TUBE

32

Pixel

96 W

Max Power Draw

144 W

LED Power

5.800 lm

Brightness in white*



HYPERION TUBE

16

Pixel

16 W

Max Power Draw

28 W

LED Power

955 lm

Brightness in white*

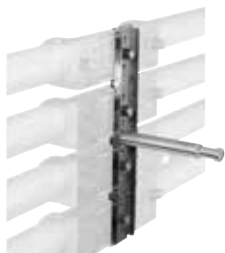


PIXEL TUBE

Order Code	FP2	FP1	FP3	AX1
LED Engine	Titan LED Engine (RGBMintAmber)			RGBW
Total LED Power	36W	72W	144W	28W
Power Draw	24W	48W	96W	16W
Light Output	1340lm	2900lm	5800lm	955lm
Emittance @1m	393lx	785lx	1.570lx	270lx
CRI(Ra)/TLCI 3200-6500k*	≥96			≥80
Strobe	0 - 25 Hz			
Pixel	8	16	32	16
Battery Lifetime	70 % after 300 cycles			
Battery Runtime	up to 20 hours			
Charging Time (nominal)	3 hours			5 hours
DC Input	24V DC, 1A	24V DC, 2A	24V DC, 4A	48V DC, 0.5A
Wired DMX	Yes			No
CRMX Receiver	Built in			
BluetoothBridge	Built in			-
Wireless Frequencies	CRMX 2.4GHz, UHF, (Bluetooth + WiFi only in Titan & Helios with BTB)			CRMX 2.4GHz, UHF
Range (m/yds)	300m; 330 yds			
Housing Material	Polycarbonate; metal end caps			
IP Rating	IP65			
Ambient Temperature (°C/°F)	0°-40° C; 32°-104° F			
Weight (kg/lbs)	0,765 kg; 1.69 lbs	1,35 kg; 3.0 lbs	2,9 kg; 6.39 lbs	1,1 kg; 2.5 lbs
Dimensions (mm/inch)	Ø42 x 550 mm Ø1.6 x 21.65 inch	Ø42 x 1.035 mm Ø1.6 x 40.7 inch	Ø42 x 2.031 mm Ø1.6 x 79.9 inch	Ø42 x 1.035 mm Ø1.6 x 40.7 inch

*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

Connects Holder/Wingplate to Manfrotto and Matthews clamps

AX1-BLT



Helios Handle

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-SETS & CASES

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

HELIOS TUBE SET

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

8x Helios Tube

16x Babypin 16x TubeHolder 1x PowerBox
1x AC Cable 16x Eyebolt 8x TubeStand



TITAN TUBE SET

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

8x Titan Tube

16x Babypin 16x TubeHolder 1x PowerBox
1x AC Cable 16x Eyebolt 8x TubeStand



HYPERION TUBE SET

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

4x Hyperion Tube

8x Babypin 8x Eyebolt 8x TubeHolder
4x Wingplate 1x Power Supply Unit Adapter 4x Power Supply Unit
1x DataLink



PIXEL TUBE SET

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

8x Pixel Tube

16x Babypin 16x TubeHolder 1x AX1 ChargingBox
16x Eyebolt 8x TubeStand



All Tube Cases come with:

WHEELS
not Hyperion Set



HANDLE



IN CASE CHARGING



RUGGED CASE

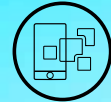


PIXELBRICK PB15

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.



Max. 20h



App

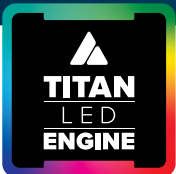


Wireless DMX



IP65

15W RGBMA



BUILD CUSTOM SHAPES

with our creative accessories



Use filters & domes for additional beams

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

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 Pixel-Brick 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



Stealth Cover

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

SETS

ACCESSORY SET

520 x 400 x 140 mm

13.3 kg/29.3 lbs (full weight)

PB15-ACCSE-SET



Contains



8x Eyebolt
(FP1-EBLT)

2x 5m Power/Data Combination cable
(PWB-CAB-5)

6x 0.2mm Power/Data Combination cable
(PWB-CAB-0.2)

PIXELBRICK SET

541.5 x 400 x 205.5 mm

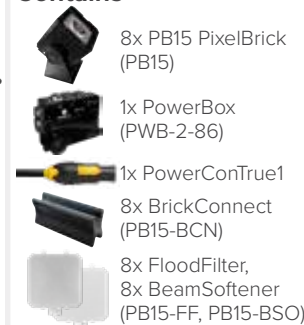
21.3 x 17.44 x 8.1 inches

16.3 kg/36 lbs (full weight)

PB15-SET



Contains



SPECIFICATIONS

Order Code	PB15
LED Engine	Titan LED Engine (RGBMintAmber)
Total LED Power	15W
Power Draw	12W
Light Output – 2700K, 3200K, 5500K*	388lm, 450lm, 375lm
Emittance @2m – 2700K, 3200K, 5500K*	1700lx, 2200lx, 2000lx
CRI(Ra)/TLCI 3200-6500K*	≥96
Beam Angle	13°
Strobe	0 - 25Hz
Battery Lifetime	70 % after 300 cycles
Battery Runtime	up to 20 hours
Charging Time (nominal)	5 hrs
DC Input	24VDC

Input Current	0.8A
Wired DMX	Yes (via PWB-2-86)
CRMX Receiver	Built in
BluetoothBridge	Built in
Wireless Frequencies	CRMX 2.4GHz, UHF, Bluetooth, WiFi
Range (m/yds)	300/330 (Bluetooth 3/3,3)
Housing Material	Aluminium
IP Rating	IP65
Ambient Temperature (°C/°F)	0° - 40° / 32° - 104°
Weight (kg/lbs)	1.12 / 2.47
Dimensions (mm/inches)	91 x 91 x 94 / 3.6 x 3.6 x 3.7

*typical values

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.



Max. 20h



App



Wireless DMX



IP65



105W RGBMintAmber



COMPARISON

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



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



Max. 20h



App



Wireless DMX



IP65

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.

45W RGBAW



AX5 TriplePAR	
RGBAW	LED Engine
45W	Total LED Power
3.4 / 7.5	Weight (kg/lbs)
Removable with 3/8" thread	Bracket
via AsteraBox	App Control
LCD screen with 5 buttons	Control Panel



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

3-IN-1

Wireless PAR



Elegant Uplight



Adjustable kickstand for flexible wall uplighting

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

INCLUDED



FloodFilter 32°

Insert filter into light to get a 32° beam.

AX9-FF

INCLUDED



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



3-IN-1

Wireless PAR



Elegant Uplight



Adjustable kickstand for flexible wall uplighting

Wired PAR



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



INCLUDED

FloodFilter 32°

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



INCLUDED

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.

DEDICATED SPACE FOR 8X (max) AX9

8x TrackPin

8x Bracket

8x Super Clamp

16x Filter

1x Charging Plate



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

Keypad with dedicated brightness & color buttons

Charging contacts for flight case charging

4x Rubber Feet

4x M6 thread

Safety hook

Disc break

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

Foldable feet



AX9 SPECIFICATIONS

Order Code	AX9
LED Engine	Titan LED Engine (RGBMintAmber)
Total LED Power	105W
Power Draw	70W
Light Output – 2700K, 3200K, 5500K*	2497 lm / 3008 lm / 2891 lm
Emittance @2m – 2700K, 3200K, 5500K*	9700 lx / 9900 lx / 9600 lx
CRI(Ra)/TLCI 3200-6500K*	≥96
Beam Angle	13°
Strobe	0 - 25Hz
Battery Lifetime	70 % after 300 cycles
Battery Runtime	up to 20 hours
Charging Time (nominal)	5 hrs

AC Input	100-240VAC, 50/60Hz, 2.3A/115VAC ~ 1.1A/230VAC 110W
Wired DMX	Yes
CRMX Receiver	Built in
BluetoothBridge	Built in
Wireless Frequencies	CRMX 2.4GHz, UHF, Bluetooth, WiFi
Range (m/yds)	300/330 (3/3.3 Bluetooth)
Housing Material	Aluminium
IP Rating	IP65
Ambient Temperature (°C/°F)	0° - 40° / 32° - 104°
Weight (kg/lbs)	5.66 / 12.5
Dimensions (mm/inches)	175 x 222 x 256 / 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

DEDICATED SPACE FOR 8X (max) AX5

8x AX5 Bolt



8x Bracket



8x Super Clamp



16x Filter



1x Charging Plate



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
LED Engine	RGBAW
Total LED Power	45W
Emittance*	4,800lx (@2m; white 3200K)
CRI(Ra)/TLCI 2700-4000k*	≥92
Beam Angle	13°
Strobe	0 - 25Hz
Battery Lifetime	70 % after 300 cycles
Battery Runtime	up to 20 hours
Charging Time (nominal)	5 hrs
AC Input	110 - 240VAC, 50/60 Hz

Wired DMX	Yes
CRMX Receiver	Built in
Wireless Frequencies	CRMX 2.4GHz, UHF
Range (m/yds)	300/330
Housing Material	Aluminium
IP Rating	IP65
Ambient Temperature (°C/°F)	0° - 40° / 32° - 104°
Weight (kg/lbs)	3.4 / 7.5
Dimensions (mm/inches)	145 x 190 x 221 / 5.7 x 7.5 x 8.7

*typical values

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.



Max. 20h



App



Wireless DMX



IP65

15W RGBW



Small yet powerful

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



Removable Bracket

3x M4 thread for hanging and safety

Adjustable kickstand for flexible wall uplighting

3/8" thread for hanging and mounting on truss

Backside magnet for easy mounting



FILTERS & DIFFUSERS



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

INCLUDED



FloodFilter (30°)

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

INCLUDED



DiffuserFilter (120°)

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

SET

AX3 SET

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



8x AX3 including Brackets

8x 30° Filter



8x 120° Filter



32x Rubber Feet



24x Hook



8x Socket Cover



1x Power Cord



SPECIFICATIONS

Order Code	AX3-CRMX
LED Engine	RGBW
Total LED Power	15W
Power Draw	tba
Light Output*	350 Lumen @ 4000K
Emittance*	1150 Lux (@2m; 13° beam angle)
CRI(Ra)/TLCI 2700-4000K*	n/a
Beam Angle	13°
Strobe	0 - 25Hz
Battery Lifetime	70 % after 300 cycles
Battery Runtime	up to 20 hours
Charging Time (nominal)	5 hrs
DC Input	110~240VDC / 5V DC @ 2.5A

Wired DMX	No
CRMX Receiver	Built in
Wireless Frequencies	CRMX 2.4GHz, UHF
Range (m/yds)	300/330
Housing Material	ABS
IP Rating	IP65
Ambient Temperature (°C/°F)	0° - 40° / 32° - 104°
Weight (kg/lbs)	0.679 / 1.4
Dimensions (mm/inches)	120 x 59 x 114 / 4.7 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")



Max. 20h



App



Wireless DMX



IP65



160W RGBMintAmber

80W 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

ACCESSORIES



TrackPin

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



FlyBar

Sturdy rigging accessory for hanging a string of connected AX2s from a single point.
AX2-FB



2pcs included

TrackHanger

Solid accessory for rigging and safety wires. Attaches to Astera fixtures with Airline track.
AX-TH



Barndoor for AX2

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



JumpCable for AX2

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



Filter 30°

Insert filter into light to adjust beam.

AX2-100-F30
AX2-50-F30

Filter 60°

AX2-100-F60
AX2-50-F60

Filter 120°

AX2-100-F120
AX2-50-F120



Stealth Cover

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

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



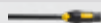
4x PixelBar 50 or 100
(not included)
(AX2-50 / AX2-100)



8x TrackPin (not included)
(AX-TP)



8x Barndoor (not included)
(AX2-50-BD / AX2-100-BD)



4x PowerCon True1 cable (included with AX2)



8x Feet (included with AX2)
(AX-FT)



4x FlyBar (not included)
(AX-FB)



4x JumpCable (not included)
(AX-JC)



1x AC Distribution Cable (included)
(AX2-ACDIS)

SPECIFICATIONS

Order Code	AX2-100 / AX2-50
LED Engine	Titan LED Engine (RGBMintAmber)
Total LED Power	160W / 80W
Power Draw	80W / 40W
Light Output – 2700K, 3200K, 5500K*	3600lm, 4460lm, 4530lm 1800lm, 2230lm, 2265lm
Emittance*	5500 Lux (@2m; 21° beam angle) 2750 Lux (@2m; 21° beam angle)
CRI(Ra)/TLCl 3200-6500k*	≥96
Beam Angle	21°
Strobe	0 - 25Hz
Pixel	16 / 8
Battery Lifetime	70 % after 300 cycles
Battery Runtime	up to 20 hours

Charging Time (nominal)	5 hrs
AC Input	100-240VAC, 50/60Hz, 2A/115VAC ~ 1.1A/230VAC 104W / 49W
Wired DMX	Yes
CRMx Receiver	Built in
Wireless Frequencies	CRMx 2.4GHz, UHF
Range (m/yds)	300/330
Housing Material	Aluminium
IP Rating	IP65
Ambient Temperature (°C/°F)	0° - 40° / 32° - 104°
Weight (kg/lbs)	7.4 kg/16.3lbs / 4.5 kg/9.9lbs
Dimensions (mm/inches)	1020 x 165 x 65 / 520 x 165 x 65 40.1 x 6.5 x 2.6 / 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.



App



Wireless DMX



IP44



Dual Power Input

Power through E27/E26 AC thread or external (standard power bank or NYX PowerStation)



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

INCLUDED



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



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



D-TAB SplitCable

Power up to 8 NYX Bulbs from one V-mount battery with D-tab 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



INCLUDED
with PowerStation

LampSocket

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

NYX BULB SET

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

8x NYX Bulb

1x PSU

1x Power Station

8x USB Cable

8x Cup-Bouncer



POWERSTATION SET

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

8x PowerStation

8x PowerStation Hanger

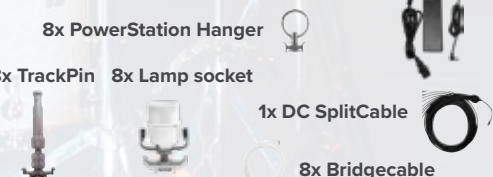
1x PSU

8x TrackPin

8x Lamp socket

1x DC SplitCable

8x Bridgecable



SETS



Connect the 8 PowerStations with the 8 NYX Bulbs for easy programming.

SPECIFICATIONS

Item Code	FP5-E27 (EU, Asia, AUS) / FP5-E26 (America, JP, TW)	DC Power input	5-18V at 2A
LED Engine	RGBMintAmber	Wired DMX	No
Total LED Power / Power Draw	14W / 10W	CRMX Receiver	Built in
Luminous Flux*	750lm (@4000k)	BluetoothBridge	Built in
CRI(RA)/TLCI 3200-6500k*	≥96	Wireless Frequencies	CRMX 2.4GHz, UHF, Bluetooth LE 5.0
Strobe	0 - 25 Hz	Ambient Temperature (°C/°F)	0°-40° C; 32°-104° F
Battery	only external	Dimensions (mm/inches)	Ø70 x 130 / Ø2.76 x 5.12
AC Power input E27	100-240V 50/60 Hz via E27 thread	Weight (kg/lbs)	0.24 / 0.53
AC Power input E26	100-120V 50/60 Hz via E26 thread	Ingress Protection	IP44: connected via AC + Rubberplug in DC socket IP20: connected via DC socket

*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

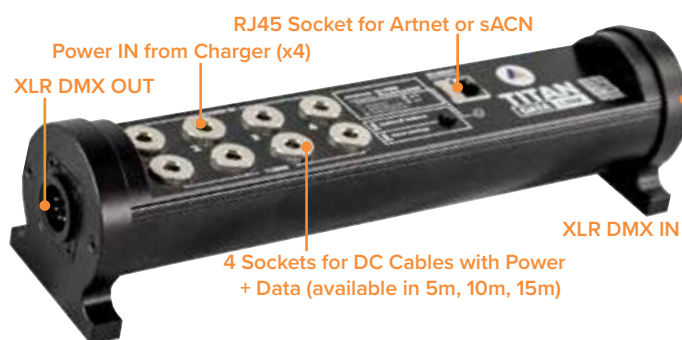
Charge or install 8 PixelBricks. Also allows wired data transfer from DMX, Artnet and sACN sources. Comes with PowerCon True1 AC cable and 8 short DC charging cables. Longer Power/Data Combination cables sold separately.



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
Titan PowerBox	x	x			x	x
PowerBox 2x86	x	x			x	x
Datalink	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
Power Supply for AX1				x		
Extension Cable for AX1				x		
Extension Cable for Helios, Titan, Hyperion	x	x	x		x	x
Titan Power/Data Combination Cable	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

Extend the PSU cable length by 5m. FP1-EXC



Power/Data Cable Titan PowerBox

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



Power/Data Cable PowerBox 2x86

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



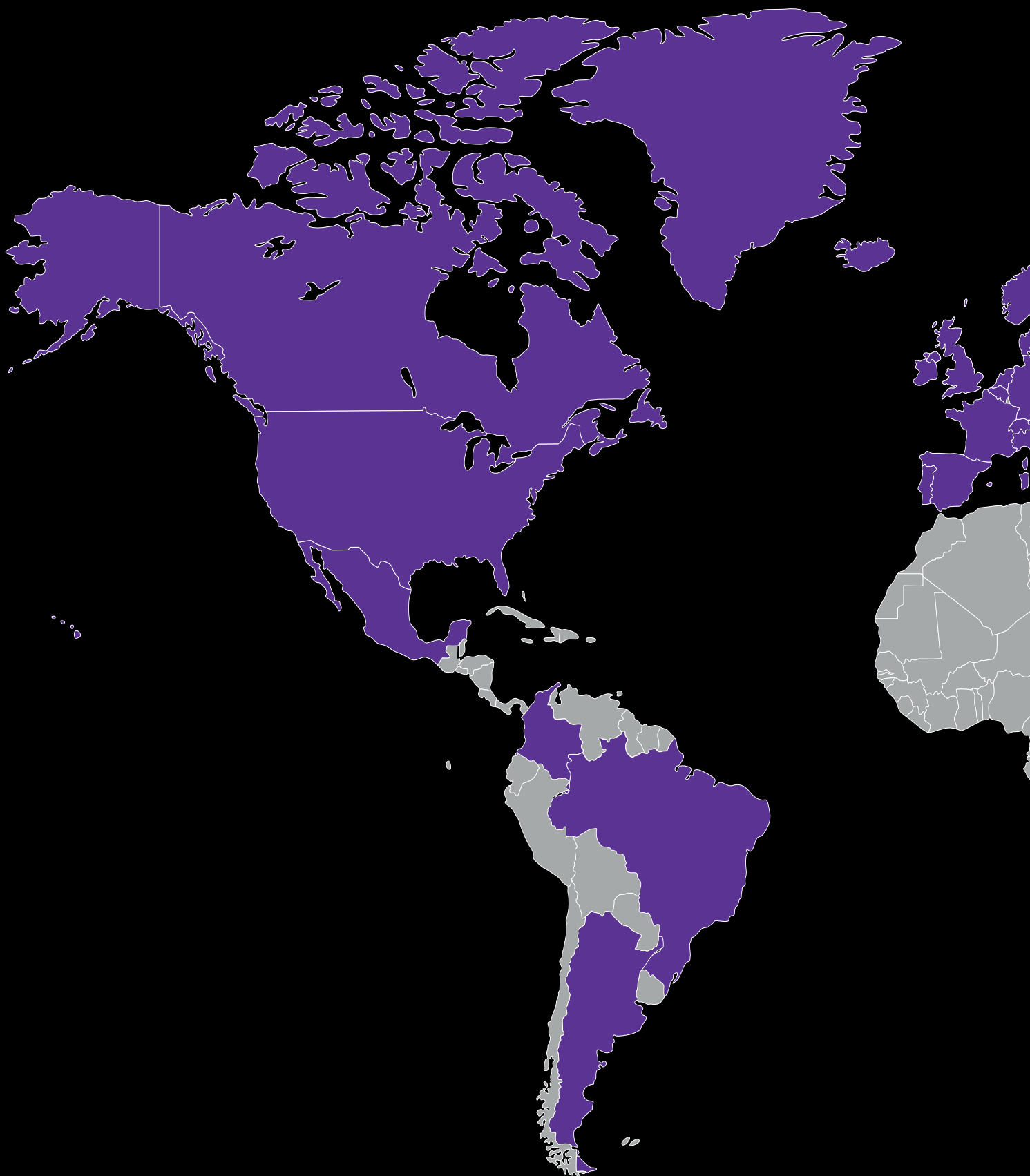
Power/Data Cable 0,2m

Transfer Power + Data through a single cable. PWB-CAB-0.2

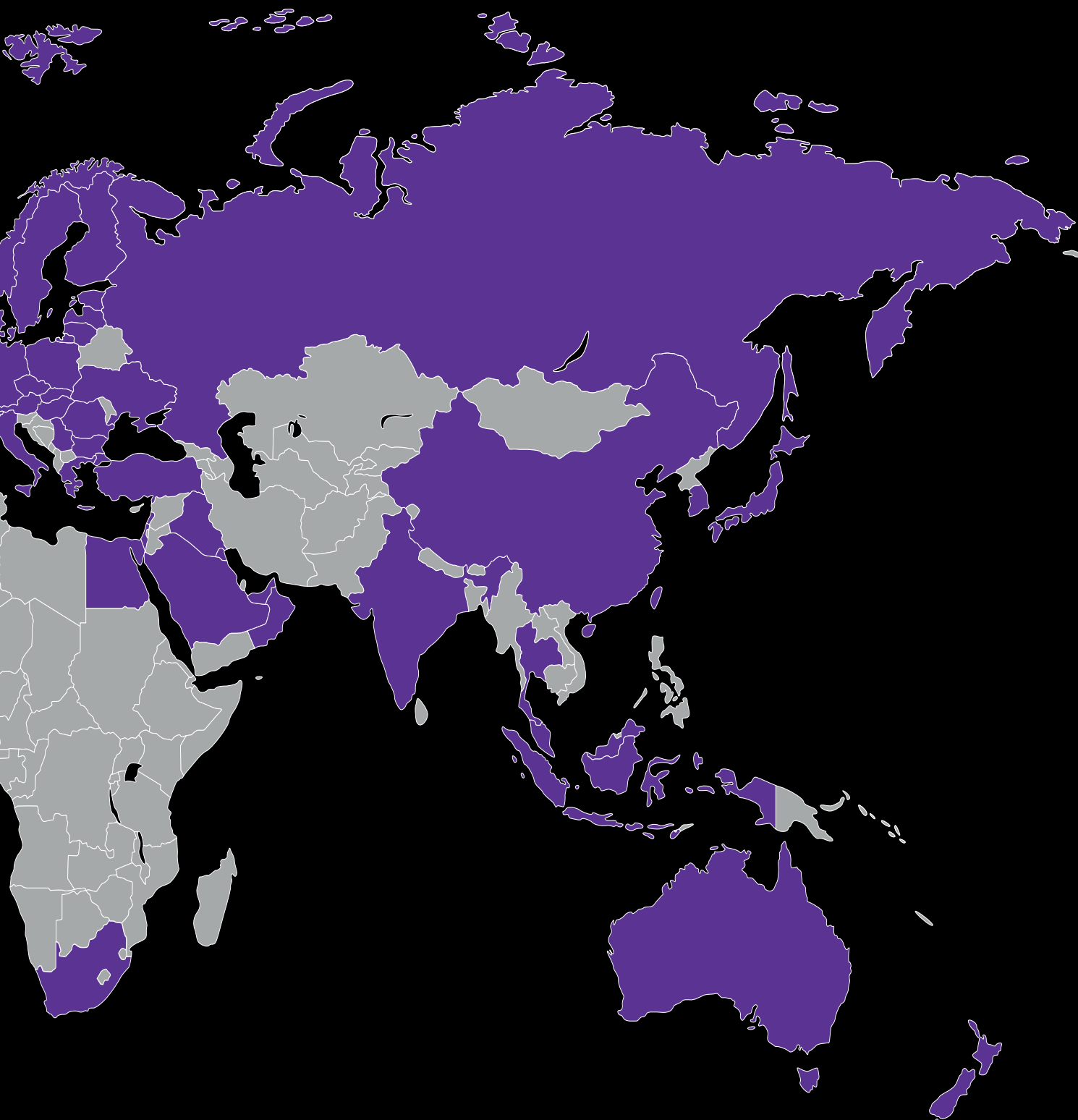
ASTERA WORLDWIDE

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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