



# CATALOG

2020





# 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 extended 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 to express their creativity and that professionals enjoy using.

*N. Ernst*

Norbert Ernst  
CEO, Astera

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## 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.



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.



Wireless DMX

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



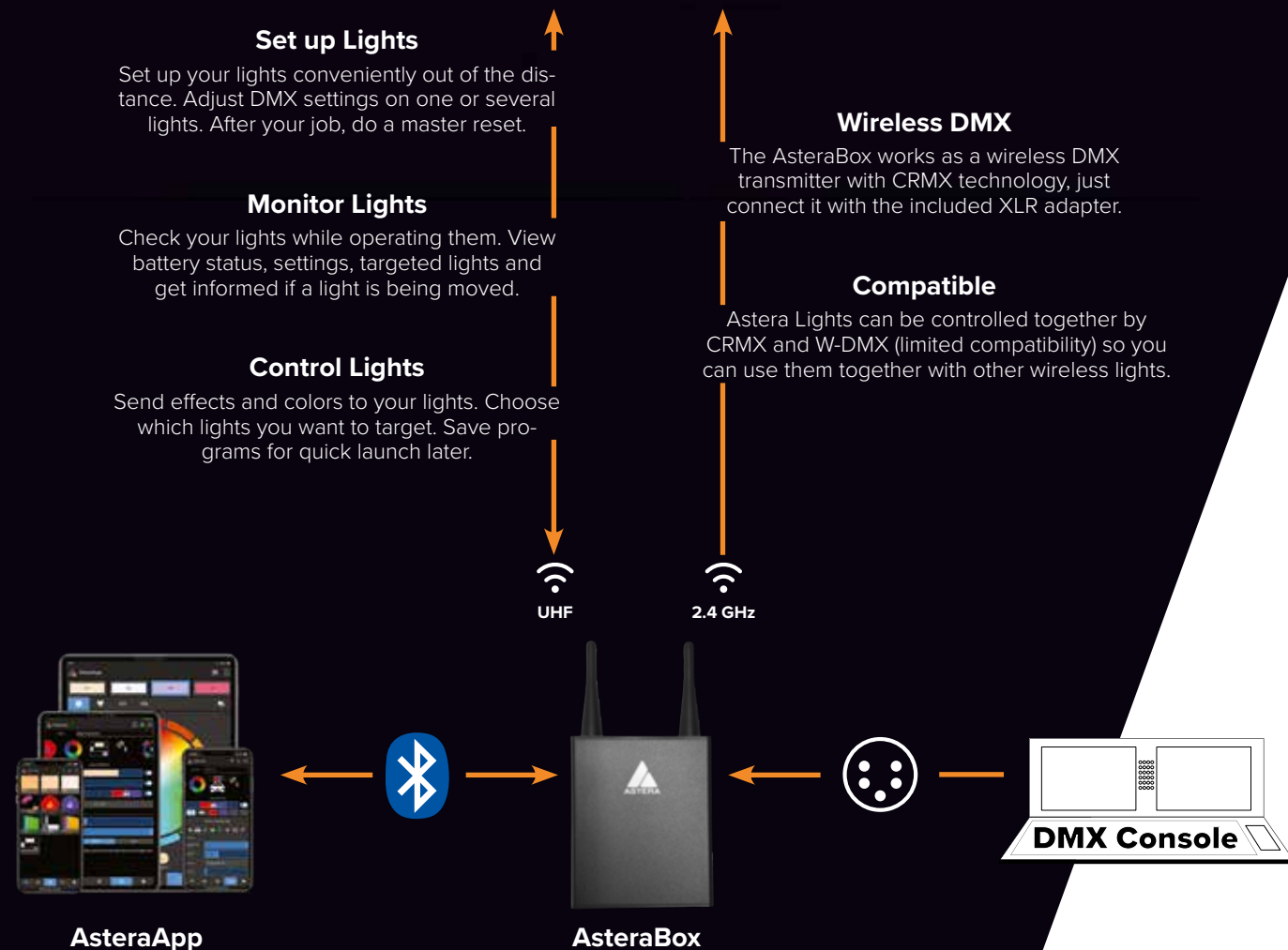
IP65

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



# THE ASTERA SYSTEM

## WHAT MAKES OUR LIGHTS THE NUMBER ONE CHOICE?



**Max. 20h**



**App**



**Wireless DMX**



**IP65**



**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 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 update.



# 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/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 and event and entertainment lighting. It can be used as on stages and around event sites and can be used to create stunning lighting effects. A highly creative device that offers an infinite range of possibilities.



EXCLUSIVE  
FEATURES  
OF HELIOS, TITAN & HYPERION TUBE

**Backside Display**  
Quick access to DMX setup,  
colors and hue, saturation,  
intensity control and more

**Wired Power/Data Connection**  
via power/data combination cable



**Boost Mode**  
Ultra-bright when displaying  
white color for almost 2h or  
while connected to AC



**Ultra-High Color Rendering**  
TLCI ≥ 96, CRI Ra ≥ 96, CRI Re  
≥ 90 from 3.200K to 6.500K



**Tunable white**  
with range from 1.750K  
to 20.000K

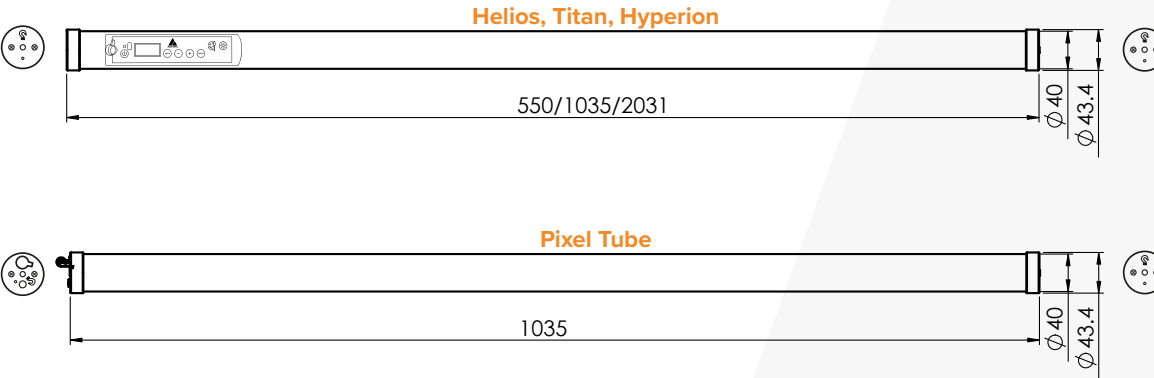
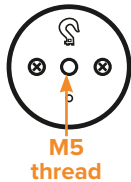


SPECIFICATIONS

<b>8</b> Pixel	<b>16</b> Pixel	<b>32</b> Pixel	<b>16</b> Pixel
<b>24 W</b> Max Power Draw	<b>48 W</b> Max Power Draw	<b>96 W</b> Max Power Draw	<b>16 W</b> Max Power Draw
<b>36 W</b> LED Power	<b>72 W</b> LED Power	<b>144 W</b> LED Power	<b>28 W</b> LED Power
<b>1.340 lm</b> Brightness in white*	<b>2.900 lm</b> Brightness in white*	<b>5.800 lm</b> Brightness in white*	<b>955 lm</b> Brightness in white*
<b>HELIOS TUBE</b>	<b>TITAN TUBE</b>	<b>HYPERION TUBE</b>	<b>PIXEL TUBE</b>

Item Code	FP2	FP1	FP3	AX1
Size	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 66.43 inch	Ø42 x 1.035 mm Ø1.6 x 40.7 inch
Max Power Draw	24 W	48 W	96 W	16 W
Emmitance*	393lx @1 m	785lx @1 m	1.570lx @1 m	270lx @1 m
Illuminants	RED, GREEN, BLUE, MINT, AMBER			RGBW
CRI (Ra) 3200-6500k*	≥96			≥80
TLCI 3200-6500k*	≥96			n/a
IP-Rating	IP65			
DMX	Wireless + Wired			Wireless
Strobe	0-25 Hz			
Battery Lifetime	70 % after 300 cycles			
Battery Runtime	up to 20 hours			
Charging Time (no- minal)	3 hours			5 hours
Input Voltage	24V DC, 1A	24V DC, 2A	24V DC, 4A	48V DC, 0.5A
Wireless Frequencies	CRMX 2.4GHz, UHF			
Range	300m; 330 yds			
Wired DMX	yes	yes	yes	no
CRMX Receiver	Built-in			
Housing	Polycarbonate; metal end caps			
Operating Temperature	0°-40° C; 32°-104° F			
Weight	0,765 kg; 1.69 lbs	1,35 kg; 3.0 lbs	2,9 kg; 6.39 lbs	1,1 kg; 2.5 lbs

\*typical values





# UNLIMITED POSSIBILITIES

WITH ORIGINAL ACCESSORIES FOR TUBES FROM ASTERA



## 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



## Babypin

Connects Holder/Wingplate to Manfrotto and Matthews clamps  
AX1-BLT



## Holder

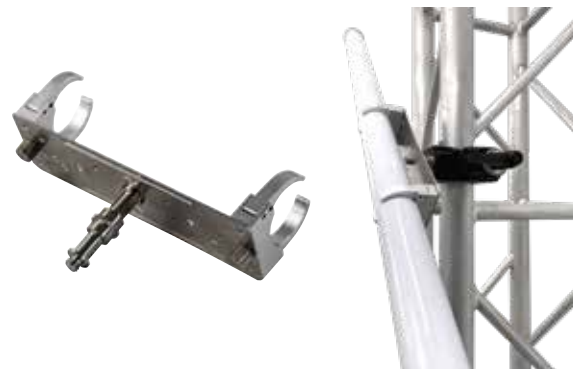
Fix tubes via screws or babypin to walls and structures  
AX1-H

## Get creative with Crossplate, Wingplate, Babypin & Holder

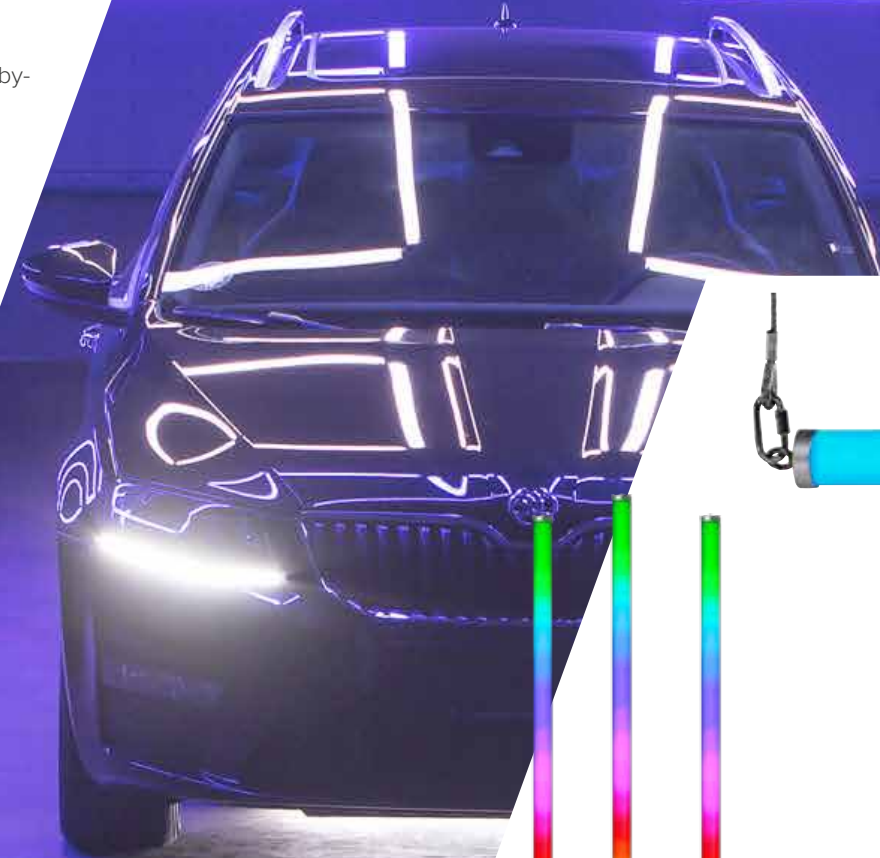
Mount up to 4 Tubes with the Crossplate



Wingplate + 2 Holders + Babypin for easy single mount on different constructions



Create shapes with Wingplates + Holders



©Kaiser Showtechnik - www.kaiser-sales.de



Eyebolt + Cable for safe hanging if Tube mounted on truss or pipe



Eyebolt + Cable + Holder + splint for safe hanging (not for AX1)



## Helios Handle

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



## Stand

Foldable tripod for a quick setup  
AX1-STD



## Eyebolt

Eyebolt for hanging Titan, Helios and Hyperion Tubes (also as secondary mounting for all Tubes)  
AX1-EBLT





# TUBE-SETS & CASES

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

## HELIOS TUBE SET

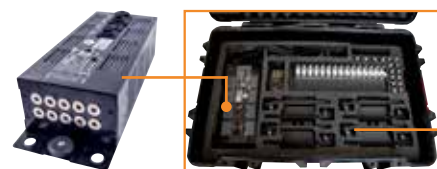
765 x 503 x 260 mm  
29 kg/64 lbs (full weight)

FP2-SET

### 8x Helios Tube

16x Babypin 16x Holder 1x PowerBox  
1x AC Cable 16x Eyebolt 8x Stand

Removable PowerBox for flexible power supply and data connection



Dedicated spaces for all included accessories and wingplates



## TITAN TUBE SET

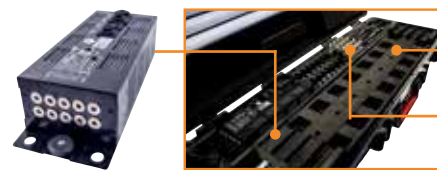
1147 x 443 x 157 mm  
35 kg/77 lbs (full weight)

FP1-SET

### 8x Titan Tube

16x Babypin 16x Holder 1x PowerBox  
1x AC Cable 16x Eyebolt 8x Stand

Removable PowerBox for flexible power supply and data connection



Inlay for a safe transport and space for up to 8 Wingplates



Dedicated spaces for all included accessories and wingplates



## 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 Holder  
4x Wingplate 1x Power Supply Unit Adapter 4x Power Supply Unit  
1x DataLink

Removable DataLink for flexible power supply and data connection



Dedicated spaces for all included accessories



## Softbags for Titan, Helios and Pixel Tube

### 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



## PIXEL TUBE SET

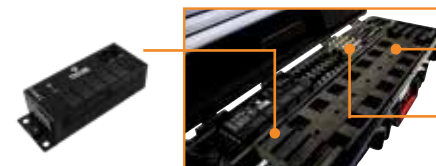
1147 x 443 x 157 mm  
33 kg/73lbs (full weight)

AX1-SET

### 8x Pixel Tube

16x Babypin 16x Holder 1x AX1 ChargingBox  
16x Eyebolt 8x Stand

Removable ChargingBox for flexible power supply



Inlay for a safe transport and space for up to 8 Wingplates



Dedicated spaces for all included accessories and wingplates



## All Tube Cases come with:

ROLLERS  
not Hyperion Set



HANDLE



IN CASE CHARGING

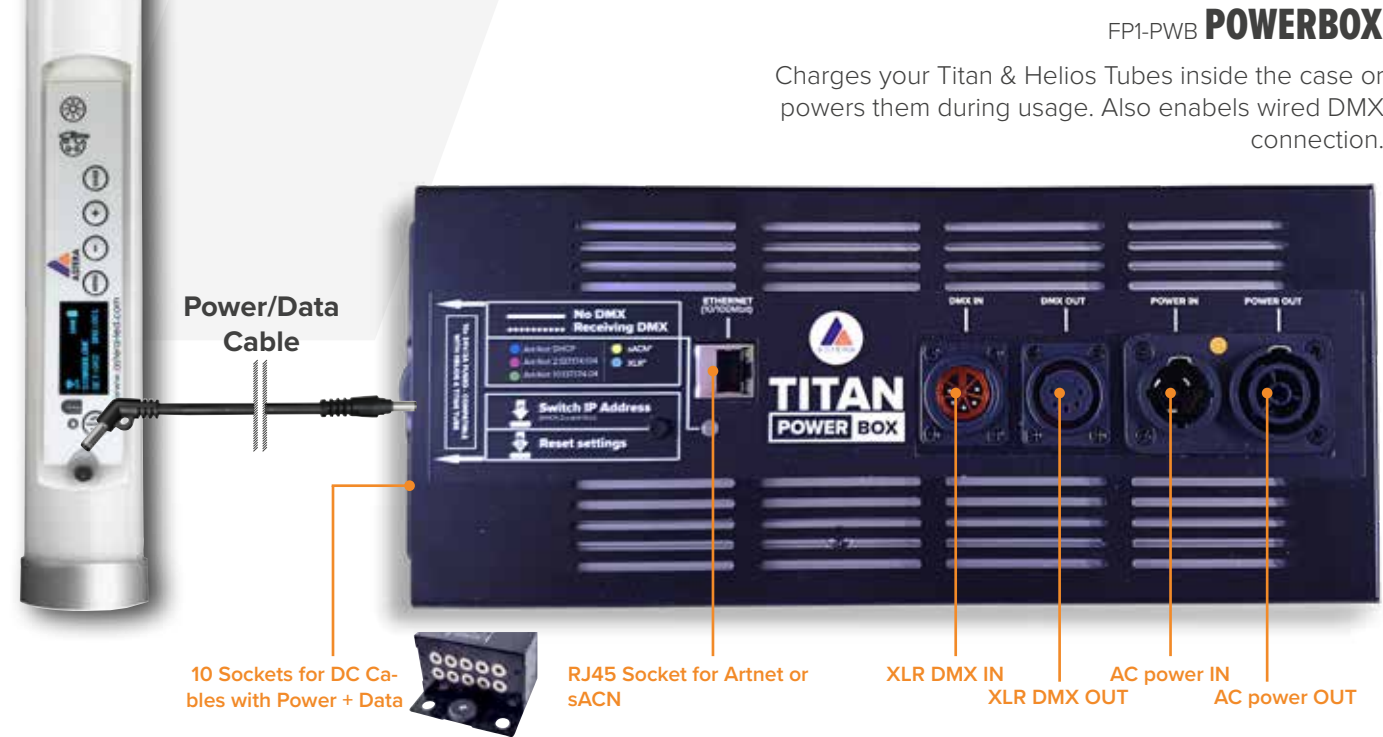


RUGGED CASE





# CHARGING & CONNECTING



**FP1-PWB POWERBOX**

Charges your Titan & Helios Tubes inside the case or powers them during usage. Also enables wired DMX connection.

**Power/Data Cable**




10 Sockets for DC Cables with Power + Data




RJ45 Socket for Artnet or sACN

XLR DMX IN  
XLR DMX OUT

AC power IN  
AC power OUT



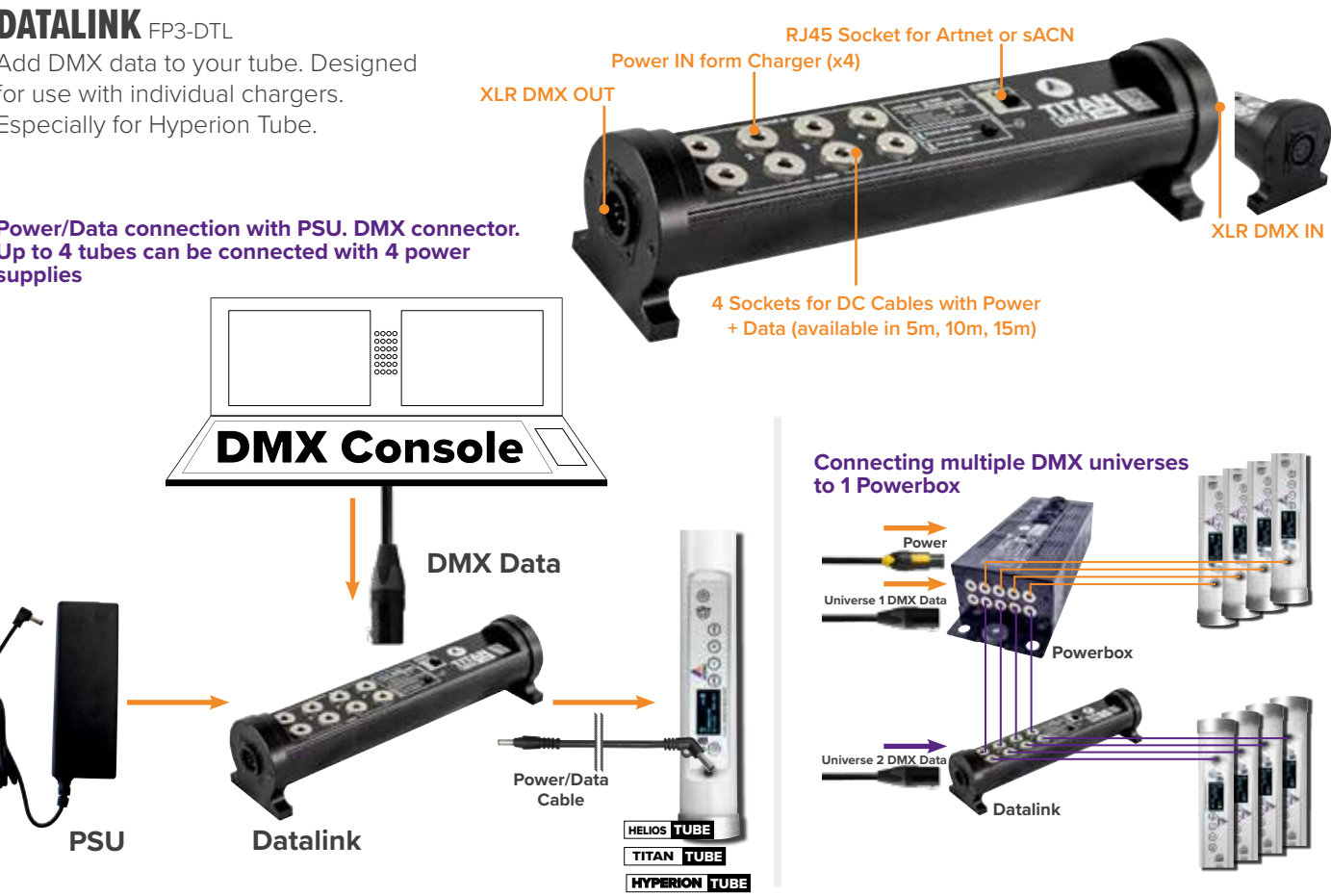
Power Supply		
		
<b>AX1 Pixel Tube Power Supply</b> AX1-CHR	<b>Helios/Titan Tube Power Supply</b> FP1-CHR	<b>Hyperion Tube Power Supply</b> FP3-CHR
48V, 0,5A output	24V, 2A output	24V, 4A output

Cables		
		
<b>AX1 Extension Cable</b> AX1-EXC	<b>Helios, Titan, Hyperion Tube Extension Cable</b> FP1-EXC	<b>Power/Data Cable</b> FP1-PWB-CAB-5/10/15
Extend the PSU cable length by 5m	Extend the PSU cable length by 5m	Transfer Power + Data through a single cable; 5, 10 or 15m length

**DATALINK** FP3-DTL

Add DMX data to your tube. Designed for use with individual chargers. Especially for Hyperion Tube.

**Power/Data connection with PSU. DMX connector.**  
Up to 4 tubes can be connected with 4 power supplies



**DMX Console**

**DMX Data**

**PSU**

**Datalink**

**HELIOS TUBE**  
**TITAN TUBE**  
**HYPERION TUBE**

**Power IN form Charger (x4)**

**RJ45 Socket for Artnet or sACN**

**XLR DMX OUT**

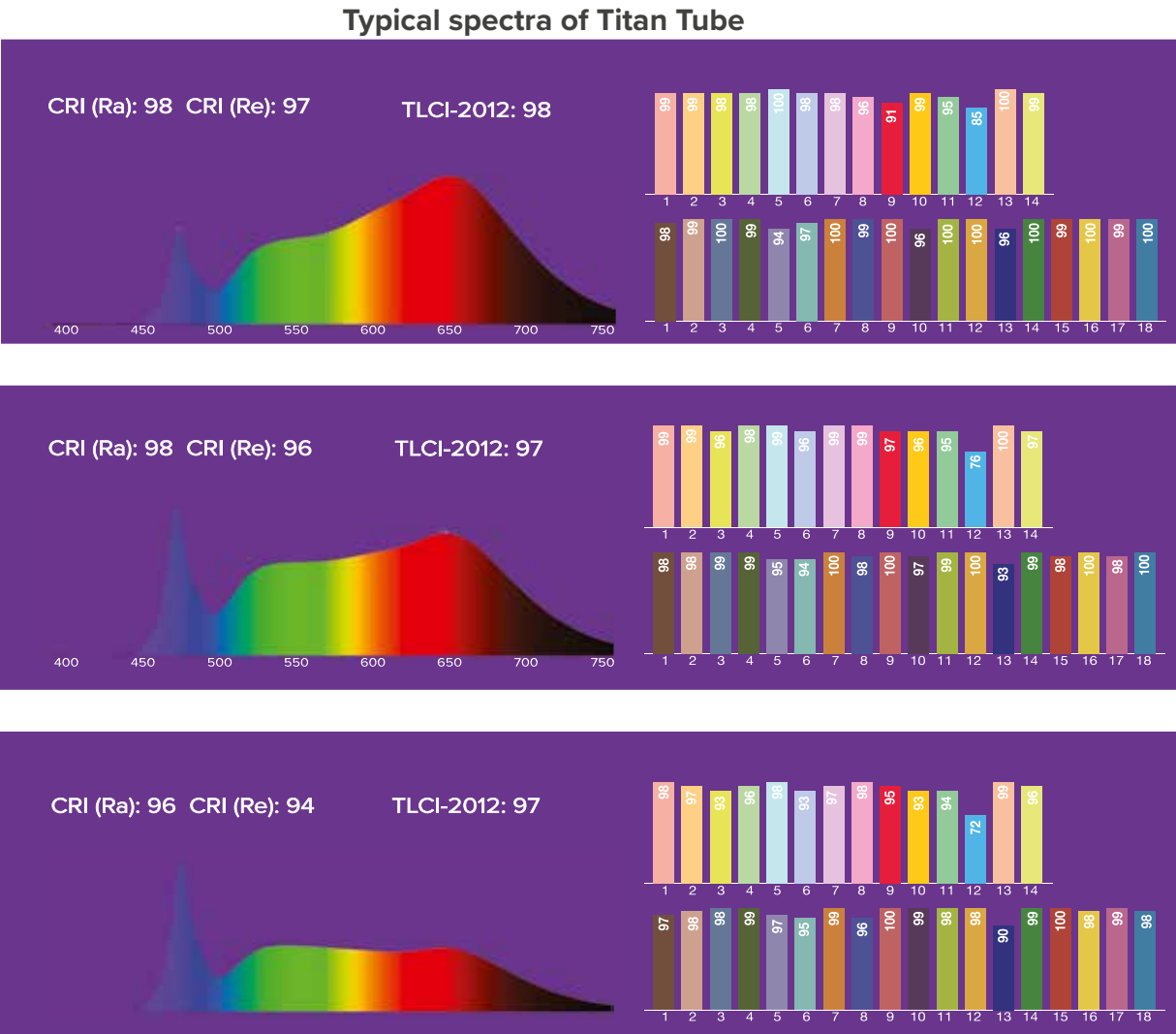
**4 Sockets for DC Cables with Power + Data (available in 5m, 10m, 15m)**

**XLR DMX IN**

**Connecting multiple DMX universes to 1 Powerbox**

**Powerbox**

**Datalink**





# 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.



Max. 20h



App



Wireless DMX



IP65

45W RGBAW



### Stand

Foldable and with thread for hanging



### Removable Bracket

Turn your AX5 into an uplight in seconds



### 3x15 RGBAW LED

And high CRI due to individual factory calibration

## 3-IN-1

### Wireless PAR



### Elegant Uplight



Adjustable Kickstand for flexible wall uplighting

### Wired PAR



Babypin  
AX1-BLT

### Waterproof Connectors

Powercon True1 & XLR, IP65 while plugged or unplugged



# MECHANICAL FEATURES



## COVERS

Transform your AX5  
Different shapes and colors available.



**Flex Cover  
White**

AX5-FLXCVR-WT



**Flex Cover  
Mirror**

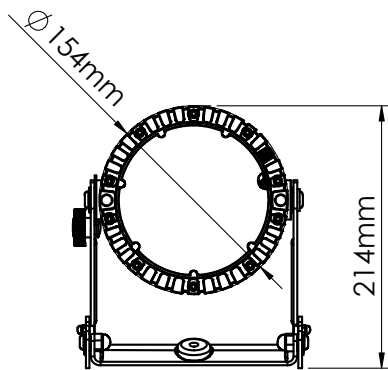
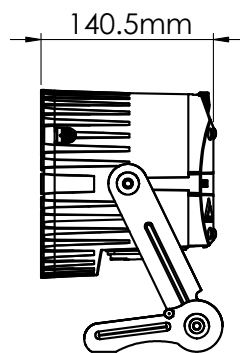
AX5-FLXCVR-MIR



**Volcano Cover  
White**

AX5-VULCVR-WT

## SPECIFICATIONS



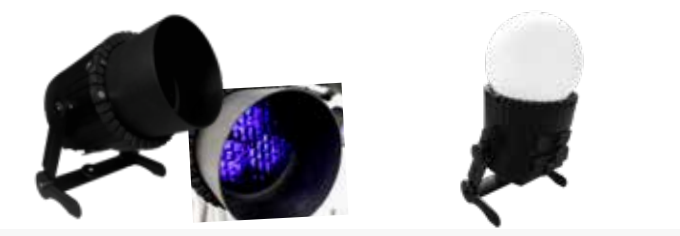
Item Code	AX5
Colors	RGBAW
Total LED Power	45W
Luminous Flux*	1,340lm
Emittance*	4,800lx (@2m; white 3200K)
CRI*	92 (@2700~4000K)
Strobe	0 - 25Hz
Beam Angle	13°
Pixels	1
Battery Lifetime	70 % after 300 cycles
Battery Runtime	up to 20 hours
Charging Time (nominal)	5 hrs

Input Voltage	90 - 260V, 50/60 Hz
Range	300 m / 330 yds
Wired DMX	Yes
CRMX Receiver	Built in
Wireless Frequencies	CRMX 2.4GHz, UHF
Housing	Aluminium with plastic ring
IP Rating	IP65
Operating Temperature	0° - 40° C / 32° - 104° F
Dimensions (mm)	145 x 190 x 221
Dimensions (inches)	5.7 x 7.5 x 8.7
Weight (kg/lbs)	3.4 / 7.5

\*typical values



# FILTERS & DIFFUSERS



**Snoot**  
With built-in honeycomb, narrows your beam and helps to avoid glare.  
AX5-SN

**Diffuser Dome**  
Create a stunning light ball or softlight projector with the two included filters.  
AX5-DDM

**Clip-in Filters**  
High-efficiency wallwash, flood & rotatable filters



Rotatable Filter (17"x46")  
AX5-ROTAD



Wallwash Filter (17"x46")  
AX5-WWF



Flood Filter (32")  
AX5-FF

Softlight effect



Eyecandy effect



# CHARGING & TRANSPORTING

## CHARGING CASE

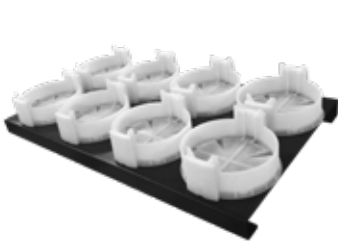
740 x 580 x 540 mm  
45 kg/99 lbs (full weight)

AX5-CHRCSE



## DEDICATED SPACE FOR 8x (max) TriplePAR

- |                |            |                   |
|----------------|------------|-------------------|
| 8x AX5 Bolt    | 8x Bracket | 1x Charging Plate |
| 8x Super Clamp | 16x Filter |                   |
- Exact case design varies from country to country



## CHARGING PLATE (FOR 8)

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

## CHARGING PLATE (FOR 4)

556 x 356 x 210 mm  
4.1 kg/9 lbs(empty weight)  
AX5-CHRPLT-4



# 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



Insert AX3 into AX5 Diffuser Dome



Base for AX5 Diffuser Dome  
AX3-DDB



Diffuser Dome  
AX3-DDM



Wallwash Filter (17°x46°)  
AX3-WWDSK



Flood Filter (30°)  
AX3-DDSK-30



Diffuser Filter (120°)  
AX3-DDSK-120

## FILTERS & DIFFUSERS

INCLUDED

INCLUDED

## SET & TRANSPORT

Charge up to 8 AX3

### CHARGING CASE

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



Space for filters, cables and accessories

8 AX3 including Brackets

8 30° Filter

8 120° Filter

32 Rubber Feet

24 Hook

8 Socket Cover

1 Power Cord

## SPECIFICATIONS

Item Code	AX3-CRMX
Colors	RGBW
Total LED Power	15W
Luminous Flux*	430lm
Emittance*	1,300lx (@2m; white 6500K)
CRI *	n/a
Strobe	0 - 25Hz
Beam Angle	13°
Battery Lifetime	70% after 300 cycles
Battery Runtime	up to 20 hours
Charging Time (nominal)	5 hrs

Input Voltage	5 V DC / 3A
Range	300 m / 330 yds
Wired DMX	No
CRMX Receiver	Built in
Wireless Frequencies	CRMX 2.4GHz, UHF
Housing	ABS
IP Rating	IP65
Operating Temperature	0° - 40° C / 32° - 104° F
Dimensions (mm) with bracket	120 x 59 x 114
Dimensions (inches) with bracket	4.7 x 2.3 x 4.4
Weight	0.679 kg / 1.4 lbs

\*typical values



# AX10 SpotMax

AX10 is the brightest and the most advanced battery operated entertainment spotlight; it features high quality Philips RGBAW LEDs, TruColour calibration, long-life LG-Chem batteries and an uniquely engineered housing to increase cooling and optimize performance. Battery powered, remote controlled, IP65 and a carry handle built into its stand.



Max. 20h



App



Wireless DMX



IP65

135W RGBAW



Attached to truss  
with Super Bolt/Clamp  
attached



Foldable Legs  
for easy carrying



9x15 RGBAW LED

And high CRI due to individual  
factory calibration

## ACCESSORIES



Rotatable Filter  
(17°x46°)  
AX10-ROTAD



Flood Filter  
(32°)  
AX10-DDSK



Wallwash Filter  
(17°x46°)  
AX10-WWDSK

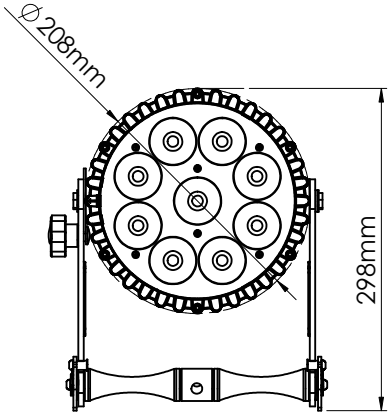
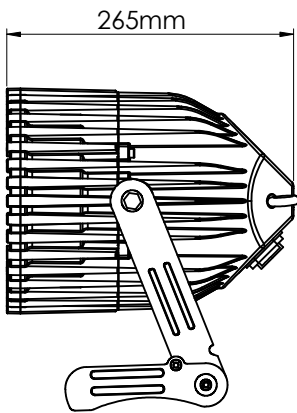


Charging Case  
AX10-CHRCSE  
(on request)



Super Bolt  
for hanging  
AX10-BLT

## SPECIFICATIONS



Item Code	AX10-U
Colors	RGBAW
Total LED Power	135W
Luminous Flux*	3,350lm
Emittance*	10,350lx (@2m; white 4000K)
CRI*	≥92
Strobe	0 - 25Hz
Beam Angle	13°
Pixels	1
Battery Lifetime	70 % after 300 cycles
Battery Runtime	up to 20 hours
Charging Time (nominal)	5 hrs

Input Voltage	110 - 240V, 50/60 Hz
Range	300 m / 330 yds
Wired DMX	No
CRM Receiver	Built in
Wireless Frequencies	CRMX 2.4GHz, UHF
Housing	Aluminium
IP Rating	IP65
Operating Temperature	0° - 40° C / 32° - 104° F
Dimensions (mm)	279 x 296 x 253
Dimensions (inches)	10.9 x 11.6 x 9.9
Weight	7.98 kg / 17.5 lbs



# AX2 PIXEL BAR

Coming soon

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 20° 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  
16x 10W (20" and 40")



Removable feet  
Multi-functional feet  
with quick-release clamp



Connector  
for connecting several AX2.  
With IR-Module for easy  
communication



Ultra-High Color Rendering  
TLCI ≥ 96, CRI Ra ≥ 96, CRI Re  
≥ 90 from 3.200K to 6.500K



Individually Controllable Pixels  
8 pixels for AX2-50  
16 pixels for AX2-100



Barndoors  
Control the shape of  
the light



Max. 20h



App



Wireless DMX



IP65

## ACCESSORIES



TrackPin  
AX-TP



TrackHanger  
AX-TH



FlyBar  
AX2-FB

Mounting on truss, pipes and  
more with TrackPin



### Airline Track

Airline track at back  
and bottom  
to attach mounting  
tools



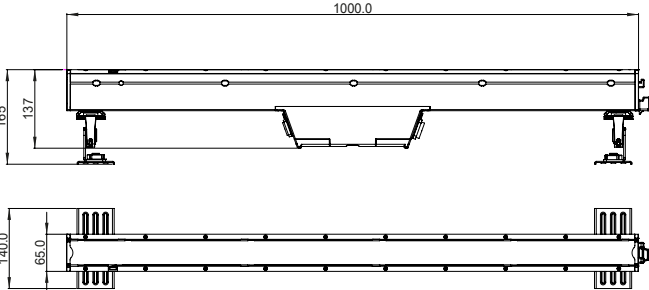
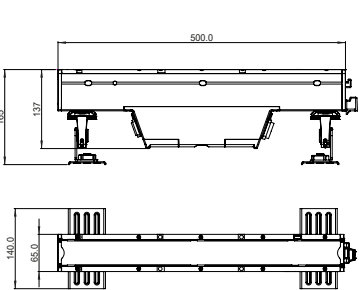
### Safety Hook

Helps to hang AX2  
safe - please check  
the safety regulations  
in your region.



Hanging from 0° up  
to 20° angle

## SPECIFICATIONS



Item Code	AX2-100 / AX2-50
Colors	RGBMintAmber
Total LED Power	160W / 80W
Power Draw	80W / 40W
Light output - 2700k, 3200k,5500k (100)*	3600lm, 4460lm, 4530lm
Light output - 2700k, 3200k,5500k (50)*	1800lm, 2230lm, 2265lm
CRI(RA)/TLCI 3200-6500K*	≥96
Strobe	0 - 25Hz
Pixels	16 (8)
Battery Lifetime	70 % after 300 cycles
Battery Runtime	up to 20 hours
Charging Time (nominal)	5 hrs

Input Voltage	110 - 240V, 50/60 Hz
Range	300 m / 330 yds
Wired DMX	Yes
CRMX Receiver	Built in
Wireless Frequencies	CRMX 2.4GHz, UHF
Housing	Aluminium
IP Rating	IP65
Operating Temperature	0° - 40° C / 32° - 104° F
Weight	7.9 kg/17.5 lbs / 4.9 kg/10.8 lbs
Dimensions (mm)	1000 x 165 x 65 / 500 x 165 x 65
Dimensions (inches)	39.4 x 6,5 x 2,6 / 19.7 x 6,5 x2,6

\*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

INCLUDED



USB DC Cable  
FP5-USBC



TrackPin  
AX-TP



PowerStation  
Hanger  
FP5-PSH



CupBouncer  
FP5-CPB

## ACCESSORIES



**Tunable white**  
with range from 1,750K to 20,000K



**Ultra-High Color Rendering**  
TLCI  $\geq 96$ , CRI Ra  $\geq 96$ , CRI Re  $\geq 90$   
from 3,200K to 6,500K



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



**Precise Colors**  
Display exact CCT, RGB & HSI values  
or reproduce standard color gels



without  
CupBouncer



with  
CupBouncer

## SPECIFICATIONS

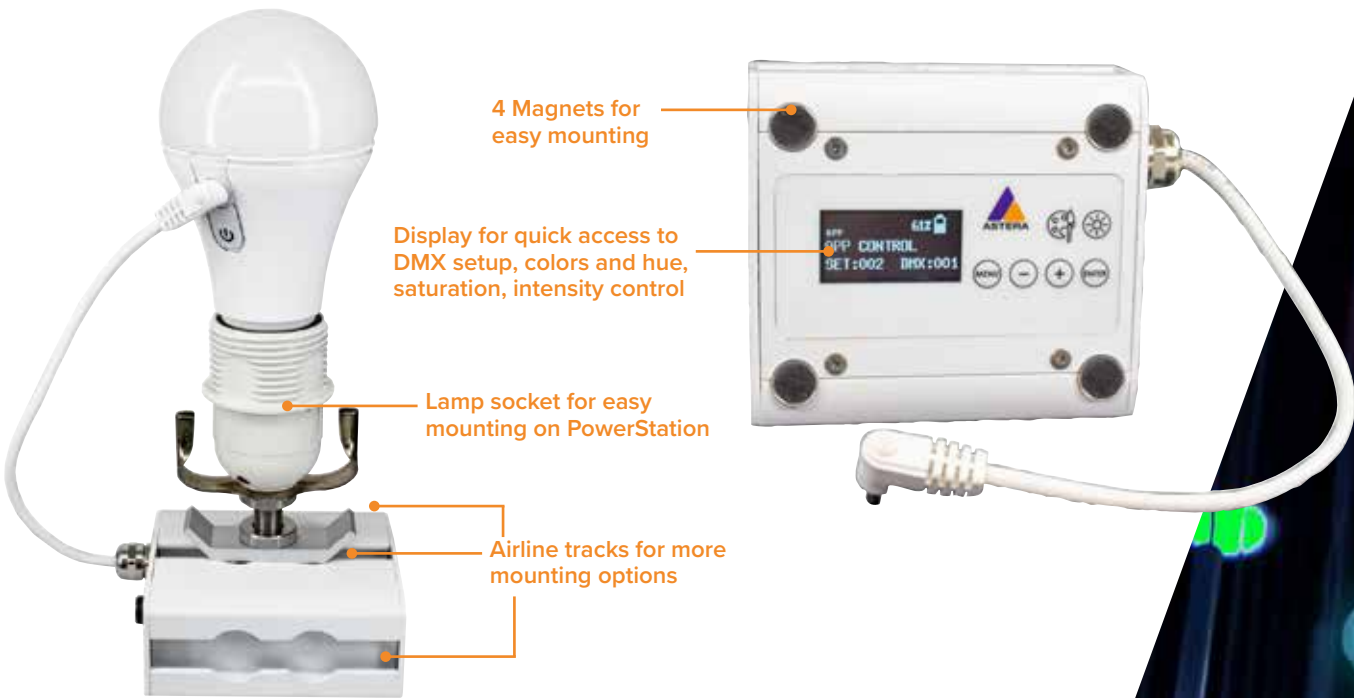
Item Code	FP5-E27 (EU, Asia, AUS) / FP5-E26 (America, JP, TW)	AC Power input E26	100-120V 50/60 Hz via E26 thread
Colors	RGBMintAmber	DC Power input	5-18V at 2A
Total LED Power / Power Draw	14W / 10W	Wired DMX	No
Luminous Flux*	750lm (@4000k)	CRMX Receiver	Built in
CRI(RA)/TLCI 3200-6500k*	$\geq 96$	Wireless Frequencies	CRMX 2.4GHz, UHF, Bluetooth LE 5.0
Strobe	0 - 25 Hz	Dimensions (mm/inches)	$\varnothing 70 \times 130 / \varnothing 2.76 \times 5.12$
Battery	only external	Weight (kg/lbs)	0.24 / 0.53
AC Power input E27	100-240V 50/60 Hz via E27 thread	Ingress Protection	IP44: connected via AC + Rubberplug in DC socket IP20: connected via DC socket

\*typical values



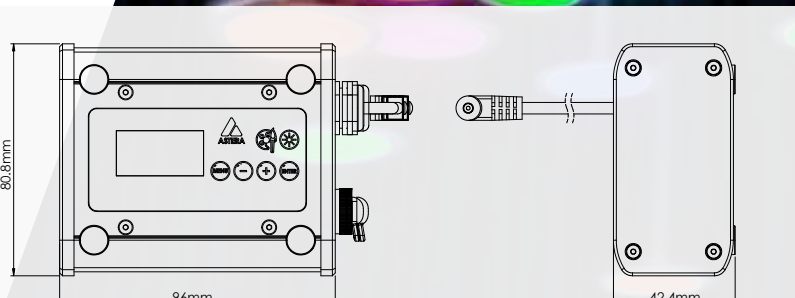
# PowerStation for NYX Bulb

Connect the integrated cable to your bulb's DC connector to power it up. While connected, the PowerStation acts as a remote display to program DMX addresses and settings which the bulb will store in its memory. It can also set colors, effects, brightness etc which the bulb will continue to display when in a powered lamp socket or connected to a power bank. Apart from its backside magnets the PowerStation features an airline track to attach mounting accessories such as TrackPin and PowerStationHanger.



## SPECIFICATIONS

Item Code	FP5-PS
Power IN	24-48V
Power OUT	15V 0.7A
Battery	3350mAh / 10.8V**
Charging time (nominal)	5h
Dimensions (mm / inch)	96 x 80.8 x 42.4 / 3.8 x 3.2 x 1.7
Weight (kg/lbs)	0.4 / 0.89



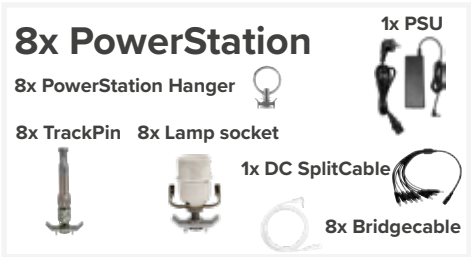
\*\*equivalent to a high quality power bank with 10.000mAh

# Sets

**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



**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



## NYX Bulb as Transmitter

COMING SOON VIA SOFTWARE-UPDATE

Connect directly to a NYX Bulb via Bluetooth. This Master light will revert AsteraApp commands to all other NYX Bulbs and other Astera lights via UHF band.



### Limited Range

This feature is useful for smaller set ups and installations. For bigger range use the AsteraBox



# 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.



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### COLOR

The AsteraApp offers several ways to select colors such as color-wheel, Filter Gels, color temperature, HSI, RGB and CIE 1931. Thanks to Astera's ultra-precise Truecolor calibration Astera fixtures can display the precise color that was selected.

### PROGRAMS

Create complex programs out of colors, effects and settings. Save them as tiles and launch them at a fingertip. The lights will remember and repeat these effects without requiring a constant wireless link.

### TARGETS

Quickly create groups of lights, assign positions and select which lights should receive commands. In Q4 2019 we launched an alternative view which is optimized for the workflow of cinematographers.

### BRIGHTNESS

Set exact brightness levels of individual lights, groups or all lights. Switch them temporarily into an energy-saving standby mode when you don't want to drain the battery.

### SETTINGS

Change your light's DMX addresses, footprints, etc... without touching the lights. Select multiple lights and change their settings together to save even more time.

### TALKBACK+

Bi-directional communication is deeply integrated into AsteraApp and Astera lights. Get a list of all your lights and their statuses, even when controlling them by DMX or CRMX. And keep a permanent overview by filtering and sorting by different criteria.

## MORE APP FEATURES



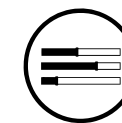
### Anti-theft

The light gives visual and audible alarm and send notification to the AsteraApp if they are being moved during an event.



### Scheduled Stand-by

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



### Green/Magenta Correction

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



### Flicker Free

Scrambled PWM technology to avoid flickering when filming.



### Effects

Quickly build programs out of colors and effects, trigger them or make them match a beat.



### Dynamic Power-boost

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



### Emergency Lights

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



### DJ Feature

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



### Seamless Runtime

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



### Other features

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

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## LAYER EFFECTS

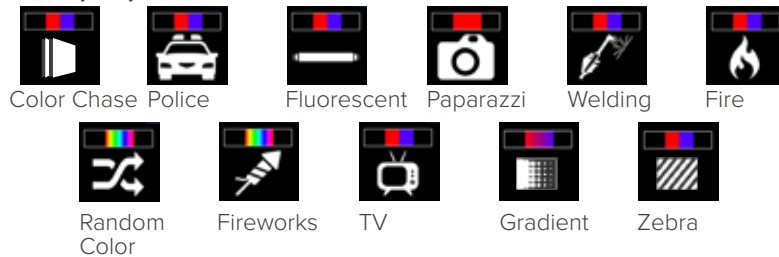
### Full control over your pixels

It is now easier than ever to control pixels of your Astera lights and create complex effects. See what you have sent to them and change effect and brightness on the fly.

Up to 8 Layers



11 helpful preset effects



### How Layer Effects works



Visually build a bar of pixels that will be displayed live on your tube.

Move the bar with your finger, the tube will respond.

Start motion, the bar will move along the tube and return from the other side.

Virtually lengthen your tube by adding post delay for a perfect process effect.

For more information just watch our webinar „Layer Effects“ at [www.astera-led.com/academy](http://www.astera-led.com/academy)



## SCENES

### Save combinations of programs and targets

Save your current picture on a tile or create tiles that only change defined targets at a time.



The new Scenes feature allows you to Pre-define sets with a specific effect and save multiple sets in the scene, you are basically making CUE's. It is now faster than ever to change effects to multiple sets at one time.

For more information just watch our webinar „Scenes“ at [www.astera-led.com/academy](http://www.astera-led.com/academy)

## 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



# ART7 ASTERABOX

AsteraBox is the interface between lights and controller. It can be used as a wireless DMX transceiver with CRMX technology and also works as interface between the AsteraApp and lights. Its built-in battery enables an easy and time-saving setup, just like with all of Astera's products.

INCLUDED



Carry Case  
ART7-CSE

INCLUDED

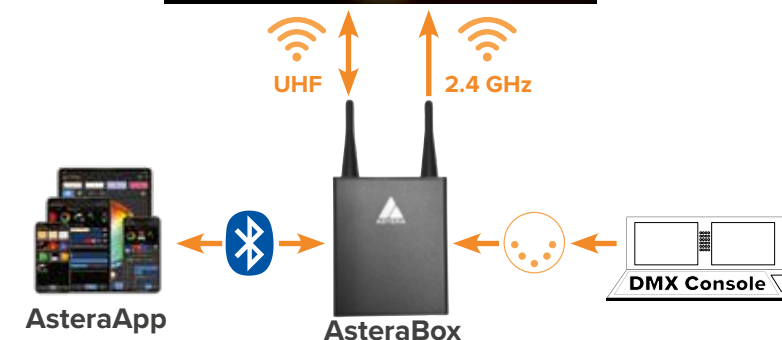
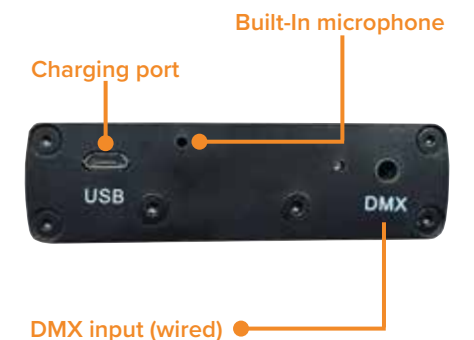
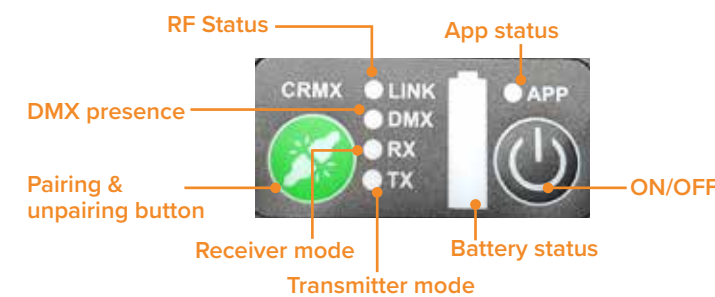


DMX Adapter  
ART7-DMXA

INCLUDED



Power Supply



## SPECIFICATIONS

Item 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





## Contact

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