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.

Norbert Ernst
CEO, Astera
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.

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.

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.

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.

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.

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.

GROUP YOUR LIGHTS
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

Watch our tutorials for more information:

www.astera-led.com/academy
ASTERA SYSTEM

Astera Light* as BluetoothBridge

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.

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

Aster Box as BluetoothBridge
**ASTERABOX ART7**

AsterBox 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

<table>
<thead>
<tr>
<th>ORDER CODE</th>
<th>ART7-U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery</td>
<td>Rechargeable Li-ion</td>
</tr>
<tr>
<td>Battery Runtime</td>
<td>72h (App); 18h (CRMX)</td>
</tr>
<tr>
<td>Range</td>
<td>CRMX/UHF: 300 m; Bluetooth: 10 m</td>
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<tr>
<td>Frequency</td>
<td>UHF, 2.4GHz</td>
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<tr>
<td>Dimensions (mm/inches)</td>
<td>144 x 78 x 30 / 5.7 x 3.1 x 1.2</td>
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<td>Weight (kg/lbs)</td>
<td>0.230 / 0.5</td>
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### RF CHARACTERISTICS ASTERABOX

<table>
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<tr>
<th>Wireless Modules</th>
<th>EU: UHF (863-870MHz)</th>
<th>USA: UHF (917-922 MHz)</th>
<th>AUS: UHF (922-927MHz)</th>
<th>SGP: UHF (920.5-925MHz)</th>
<th>KOR: UHF (917.9-921.5MHz)</th>
<th>RUS: UHF (868.75-869.12MHz)</th>
<th>JPN: UHF (922.80-926.40MHz)</th>
<th>CRMX (2402-2480MHz)</th>
<th>Bluetooth 4.1 (2402-2480MHz)</th>
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</thead>
<tbody>
<tr>
<td>Modulation</td>
<td>FHSS</td>
<td>FHSS</td>
<td>FHSS</td>
<td>FHSS</td>
<td>FHSS</td>
<td>FHSS</td>
<td>FHSS</td>
<td>FHSS</td>
<td>FHS</td>
</tr>
<tr>
<td>ERP (Transmitter)</td>
<td>&lt;25mW</td>
<td>&lt;25mW</td>
<td>&lt;25mW</td>
<td>&lt;25mW</td>
<td>&lt;25mW</td>
<td>&lt;25mW</td>
<td>&lt;25mW</td>
<td>&lt;100mW</td>
<td>&lt;2mW (classic) &lt;2mW (BLE)</td>
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<tr>
<td>Channel Count</td>
<td>47</td>
<td>53</td>
<td>53</td>
<td>41</td>
<td>10</td>
<td>6</td>
<td>19</td>
<td>79</td>
<td>79 40</td>
</tr>
</tbody>
</table>
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.

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.

Spectra of lights with Titan LED Engine*

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

*Spectral values

---

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*

CRI (Ra): 98  CRI (Re): 97  TLCI-2012: 98

CRI (Ra): 98  CRI (Re): 96  TLCI-2012: 97

CRI (Ra): 96  CRI (Re): 94  TLCI-2012: 97

---

*Typical values
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.
**ACCESSORIES**

**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

**ConnectorPlate**
Join up to 4 panels with ConnectorPlates. Backside ¼" thread for BabyPin FP6-CP

**BabyPin**
BabyPin with ¼" thread AX-BBP-1/4

**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)

- 1x FlexBase (FP6-FB)
- 1x BabyPin (AX-BBP-1/4)
- 1x ConnectorPlate (FP6-CP)

**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)

- 4x HydraPanel (FP6)
- 4x FlexBase (FP6-FB)
- 3x ConnectorPlate (FP6-CP)
- 4xBabyPin (AX-BBP-1/4)
- 1x Helios / Titan Tube Power Supply (FP3-CHR)

**Order Code**
FP6

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LED Engine</strong></td>
<td>Titan LED Engine</td>
</tr>
<tr>
<td><strong>Total LED Power</strong></td>
<td>25W</td>
</tr>
<tr>
<td><strong>LED Power Draw</strong></td>
<td>17W</td>
</tr>
<tr>
<td><strong>Luminous Flux</strong></td>
<td>1102 lm / 1287 lm / 1298 lm</td>
</tr>
<tr>
<td><strong>Light Output @ 1m</strong></td>
<td>443 lx / 512 lx / 516 lx</td>
</tr>
<tr>
<td><strong>CRI (Ra) / TLCI</strong></td>
<td>≥96</td>
</tr>
<tr>
<td><strong>Beam Angle / Field Angle</strong></td>
<td>110° x 100° / 150° x 145°</td>
</tr>
<tr>
<td><strong>Strobe</strong></td>
<td>0 - 25Hz</td>
</tr>
<tr>
<td><strong>Pixel</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Battery Runtime</strong></td>
<td>up to 20 hours (1h 45m)</td>
</tr>
<tr>
<td><strong>Battery Lifetime</strong></td>
<td>70% after 300 cycles</td>
</tr>
<tr>
<td><strong>Charging Time</strong></td>
<td>3 hours</td>
</tr>
<tr>
<td><strong>DC Input</strong></td>
<td>24VDC - 0.85 A</td>
</tr>
</tbody>
</table>

**Typical values**

**Order Code**
FP6-SET-1

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Light Output @ 1m</strong></td>
<td>443 lx / 512 lx / 516 lx</td>
</tr>
<tr>
<td><strong>CRI (Ra) / TLCI</strong></td>
<td>≥96</td>
</tr>
<tr>
<td><strong>Beam Angle / Field Angle</strong></td>
<td>110° x 100° / 150° x 145°</td>
</tr>
<tr>
<td><strong>Strobe</strong></td>
<td>0 - 25Hz</td>
</tr>
<tr>
<td><strong>Pixel</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Battery Runtime</strong></td>
<td>up to 20 hours (1h 45m)</td>
</tr>
<tr>
<td><strong>Battery Lifetime</strong></td>
<td>70% after 300 cycles</td>
</tr>
<tr>
<td><strong>Charging Time</strong></td>
<td>3 hours</td>
</tr>
<tr>
<td><strong>DC Input</strong></td>
<td>24VDC - 0.85 A</td>
</tr>
</tbody>
</table>

**Order Code**
FP6-SET-4

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td><strong>Light Output @ 1m</strong></td>
<td>443 lx / 512 lx / 516 lx</td>
</tr>
<tr>
<td><strong>CRI (Ra) / TLCI</strong></td>
<td>≥96</td>
</tr>
<tr>
<td><strong>Beam Angle / Field Angle</strong></td>
<td>110° x 100° / 150° x 145°</td>
</tr>
<tr>
<td><strong>Strobe</strong></td>
<td>0 - 25Hz</td>
</tr>
<tr>
<td><strong>Pixel</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>Battery Runtime</strong></td>
<td>up to 20 hours (1h 45m)</td>
</tr>
<tr>
<td><strong>Battery Lifetime</strong></td>
<td>70% after 300 cycles</td>
</tr>
<tr>
<td><strong>Charging Time</strong></td>
<td>3 hours</td>
</tr>
<tr>
<td><strong>DC Input</strong></td>
<td>24VDC - 0.85 A</td>
</tr>
</tbody>
</table>

**Typical values**

**SPECIFICATIONS**

**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**
- ≥96

**Beam Angle / Field Angle**
- 110° x 100° / 150° x 145°

**Strobe**
- 0 - 25Hz

**Pixel**
- 6

**Battery Runtime**
- up to 20 hours (1h 45m)

**Battery Lifetime**
- 70% after 300 cycles

**Charging Time**
- 3 hours

**DC Input**
- 24VDC - 0.85 A

**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
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.

**Accessories**

**includes**

- **HexConnect AX-HCN**
  - Bolt with Hexagon shape for mounting RuntimeExtender via SuperClamp

**contains**

- **BrickConnect PB15-BCN**
  - Connect two RuntimeExtender back-to-back so they can be mounted with only one SuperClamp

**Kit for 4**

- **414 mm x 335 mm x 183 mm**
- **16.31" x 13.19" x 7.2"**
- **8.46 kg / 18.65 lbs** (full weight) **REX1-VM-KIT-4**
- **8.35 kg / 18.41 lbs** (full weight) **REX1-GM-KIT-4**

**Specifications**

<table>
<thead>
<tr>
<th>Order Code</th>
<th>REX1-VM</th>
<th>REX1-GM</th>
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<tbody>
<tr>
<td><strong>Battery Voltage</strong></td>
<td>14.4VDC or 26VDC</td>
<td></td>
</tr>
<tr>
<td><strong>Battery Runtime</strong></td>
<td>Dependant on third party battery used and type of fixture</td>
<td></td>
</tr>
<tr>
<td><strong>Battery Runtime max. Brightness</strong></td>
<td>Dependant on third party battery used and type of fixture</td>
<td></td>
</tr>
<tr>
<td><strong>DC Output on DC Barrel Connectors</strong></td>
<td>24VDC - 100W combined on two outputs</td>
<td></td>
</tr>
<tr>
<td><strong>DC Output on XLR</strong></td>
<td>Direct passthrough from attached battery</td>
<td></td>
</tr>
<tr>
<td><strong>DC Connectors</strong></td>
<td>2 x 5.5 mm x 2.1 mm / 1 x 3-Pin XLR</td>
<td></td>
</tr>
<tr>
<td><strong>AC Input</strong></td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td><strong>Housing Material</strong></td>
<td>Polycarbonate &amp; Metal</td>
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</tr>
<tr>
<td><strong>IP Rating</strong></td>
<td>IP20</td>
<td></td>
</tr>
<tr>
<td><strong>Ambient Operating Temperature</strong></td>
<td>0 - 40 °C / 32 - 104 °F</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>617 g / 1.36 lbs</td>
<td>580 g / 1.28 lbs</td>
</tr>
<tr>
<td><strong>Dimensions L x W x D</strong></td>
<td>148 mm x 112.8 mm x 45.5 mm / 5.8&quot; x 4.45&quot; x 1.79&quot;</td>
<td>148 mm x 112.8 mm x 48.2 mm / 5.8&quot; x 4.45&quot; x 1.9&quot;</td>
</tr>
<tr>
<td><strong>Mounting Options</strong></td>
<td>2 x AirlineTrack compatible with PB15 accessories</td>
<td></td>
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</tbody>
</table>
TUBES.
FOR EVENTS.
FOR FILM.
FOR BOTH.

ASTERA TUBES

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.

- **HELIOS TUBE**
- **TITAN TUBE**
- **HYPERION 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.

©Mark Klassen / Justin Black / Hope Little
**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

<table>
<thead>
<tr>
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<th>FP2</th>
<th>FP1</th>
<th>FP3</th>
<th>AX1</th>
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<tr>
<td>LED Engine</td>
<td>Titan LED Engine (RGBMintAmber)</td>
<td>RGBW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total LED Power</td>
<td>36W</td>
<td>72W</td>
<td>144W</td>
<td>28W</td>
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<tr>
<td>Power Draw</td>
<td>24W</td>
<td>48W</td>
<td>96W</td>
<td>16W</td>
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<tr>
<td>Light Output</td>
<td>1340lm</td>
<td>2900lm</td>
<td>5800lm</td>
<td>955lm</td>
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<tr>
<td>Emittance @1m</td>
<td>393lx</td>
<td>785lx</td>
<td>1570lx</td>
<td>270lx</td>
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<tr>
<td>CRI(Ra)/TLCI 3200-6500k</td>
<td>≥96</td>
<td>≥80</td>
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<tr>
<td>Strobe</td>
<td>0 - 25 Hz</td>
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<td></td>
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<tr>
<td>Pixel</td>
<td>8</td>
<td>16</td>
<td>32</td>
<td>16</td>
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<tr>
<td>Battery Lifetime</td>
<td>70 % after 300 cycles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery Runtime</td>
<td>up to 20 hours</td>
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<td></td>
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<td>Charging Time (nominal)</td>
<td>3 hours</td>
<td>5 hours</td>
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<td>DC Input</td>
<td>24V DC, 1A</td>
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<tr>
<td>Wired DMX</td>
<td>Yes</td>
<td>No</td>
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<td>CRMX Receiver</td>
<td>Built in</td>
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<tr>
<td>BluetoothBridge</td>
<td>-</td>
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<tr>
<td>Wireless Frequencies</td>
<td>CRMX 2.4GHz, UHF</td>
<td>CRMX 2.4GHz, UHF</td>
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<tr>
<td>Range (m/yds)</td>
<td>300m; 330 yds</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Housing Material</td>
<td>Polycarbonate; metal end caps</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP65</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ambient Temperature (°C/°F)</td>
<td>0°-40° C; 32°-104° F</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight (kg/lbs)</td>
<td>0.765 kg; 1.69 lbs</td>
<td>1.35 kg; 3.0 lbs</td>
<td>2.9 kg; 6.39 lbs</td>
<td>11 kg; 2.5 lbs</td>
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<tr>
<td>Dimensions (mm/inch)</td>
<td>Ø42 x 550 mm</td>
<td>Ø42 x 1.035 mm</td>
<td>Ø42 x 2.031 mm</td>
<td>Ø42 x 1.035 mm</td>
</tr>
</tbody>
</table>

*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
- 16x TubeStand
- 1x AC Cable
- 1x PowerBox
- 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
- 16x TubeStand
- 1x AC Cable
- 1x PowerBox
- 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 Power Supply Unit Adapter
- 4x Power Supply Unit
- 1x DataLink

**PIXEL TUBE SET**

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

- **8x Pixel Tube**
- 16x Babypin
- 16x TubeHolder
- 8x TubeStand
- 1x AX1 ChargingBox
- 8x Eyebolt

**All Tube Cases come with:**

- **WHEELS**
  - not Hyperion Set
- **HANDLE**
- **IN CASE CHARGING**
- **RUGGED CASE**
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.
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Current</td>
<td>0.8A</td>
</tr>
<tr>
<td>Wired DMX</td>
<td>Yes (via PWB-2-86)</td>
</tr>
<tr>
<td>CRMX Receiver</td>
<td>Built in</td>
</tr>
<tr>
<td>Bluetooth Bridge</td>
<td>Built in</td>
</tr>
<tr>
<td>Wireless Frequencies</td>
<td>CRMX 2.4GHz, UHF, Bluetooth, WiFi</td>
</tr>
<tr>
<td>Range (m/ycrs)</td>
<td>300/330 (Bluetooth 3/3.3)</td>
</tr>
<tr>
<td>Housing Material</td>
<td>Aluminum</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP65</td>
</tr>
<tr>
<td>Ambient Temperature (°C/F)</td>
<td>0° - 40° / 32° - 104°</td>
</tr>
<tr>
<td>Weight (kg/lbs)</td>
<td>1.12 / 2.47</td>
</tr>
<tr>
<td>Dimensions (mm/inches)</td>
<td>91 x 91 x 94 / 3.6 x 3.6 x 3.7</td>
</tr>
</tbody>
</table>

*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 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-ACCCSE-SET

  Contains
  - 10x BrickMount (PB15-BMO)
  - 4x TrackPin (AX-TP)
  - 8x BrickDome (PB15-BDM)
  - 8x BrickHinge (PB15-BHI)
  - 8x BrickTilt (PB15-BTLT)
  - 8x FloodFilter (PB15-FF, PB15-BSO)
  - 6x 0.2mm Power/Data Combination cable (PWB-CAB-0.2)
  - 2x 5m Power/Data Combination cable (PWB-CAB-5)
  - 1x PowerBox (PWB-2-86)
  - 8x BrickConnect (PB15-BCN)
  - 8x BrickMount (PB15-BMO)
  - 6x 0.2mm Power/Data Combination cable (PWB-CAB-0.2)
  - 2x 5m Power/Data Combination cable (PWB-CAB-5)

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

105W RGBMintAmber

### COMPARISON

<table>
<thead>
<tr>
<th></th>
<th>AX9 PowerPAR</th>
<th>AX5 TriplePAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Engine</td>
<td>Titan LED Engine (RGBMintAmber)</td>
<td>RGBAW LED Engine</td>
</tr>
<tr>
<td>Total LED Power</td>
<td>105W</td>
<td>45W</td>
</tr>
<tr>
<td>Weight (kg/lbs)</td>
<td>5.7 / 12.5</td>
<td>3.4 / 7.5</td>
</tr>
<tr>
<td>Bracket</td>
<td>Removable with Airline Track, 3/8”</td>
<td>Removable with 3/8” thread</td>
</tr>
<tr>
<td></td>
<td>thread, 1/2” hole</td>
<td>hole</td>
</tr>
<tr>
<td>App Control</td>
<td>via AsteraBox or Bluetooth Bridge</td>
<td>via AsteraBox</td>
</tr>
<tr>
<td>Control Panel</td>
<td>OLED screen with 5 buttons +</td>
<td>LCD screen with 5 buttons</td>
</tr>
<tr>
<td></td>
<td>dedicated buttons for color &amp;</td>
<td>for color &amp; brightness</td>
</tr>
<tr>
<td></td>
<td>brightness</td>
<td></td>
</tr>
</tbody>
</table>

### Features

- **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
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.

AX5 TriplePAR

45W RGBAW

Max. 20h
App
Wireless DMX
IP65

Removable Bracket
Turn your AX5 into an uplight in seconds

3x15 RGBAW LED
And high CRI due to individual factory calibration

Stand
Foldable and with thread for hanging

AX9 PowerPAR
AX5 TriplePAR

RGBAW LED Engine Titan LED Engine (RGBMintAmber)
RGBAW LED Engine

Total LED Power 105W
45W Total LED Power

Weight (kg/lbs) 5.7 / 12.5
3.4 / 7.5 Weight (kg/lbs)

Bracket Removable with 3/8” thread
Removable with 3/8” thread Bracket

App Control via AsteraBox or via AsteraBox App Control

Control Panel OLED screen with 5 buttons + dedicated buttons for color & brightness
LCD screen with 5 buttons Control Panel
3-IN-1

Wireless PAR
Elegant Uplight
Wired PAR

AX9 POWERPAR

Adjustable kickstand for flexible wall uplighting

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
3-IN-1

Wireless PAR

Elegant Uplight

Wired PAR

Adjustable kickstand for flexible wall uplighting

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
**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 Super Clamp
8x Bracket
8x Track Pin
16x Filter

**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**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order Code</td>
<td>AX9</td>
</tr>
<tr>
<td>LED Engine</td>
<td>LED Engine: Titan LED Engine (RGB/Min/Amber)</td>
</tr>
<tr>
<td>Total LED Power</td>
<td>105W</td>
</tr>
<tr>
<td>Power Draw</td>
<td>70W</td>
</tr>
<tr>
<td>Light Output (LM)</td>
<td>2700K: 2497 lm / 3008 lm / 2891 lm</td>
</tr>
<tr>
<td>Light Output (lx) (lx)</td>
<td>9700 lx / 9900 lx / 9600 lx</td>
</tr>
<tr>
<td>Luminous Efficacy (Ra)</td>
<td>≥96</td>
</tr>
<tr>
<td>Beam Angle</td>
<td>13°</td>
</tr>
<tr>
<td>Strobe Frequency (Hz)</td>
<td>0 - 25Hz</td>
</tr>
<tr>
<td>Battery Lifetime</td>
<td>70% after 300 cycles</td>
</tr>
<tr>
<td>Battery Runtime</td>
<td>up to 20 hours</td>
</tr>
<tr>
<td>Charging Time (nominal)</td>
<td>5 hrs</td>
</tr>
<tr>
<td>AC Input</td>
<td>100 - 240VAC, 50/60Hz, 2.3A/115VAC - 11A/230VAC 110W</td>
</tr>
<tr>
<td>Wired DMX</td>
<td>Yes</td>
</tr>
<tr>
<td>CRMX Receiver</td>
<td>Built in</td>
</tr>
<tr>
<td>Bluetooth Bridge</td>
<td>Built in</td>
</tr>
<tr>
<td>Wireless Frequencies</td>
<td>CRMX: 2.4GHz, UHF, Bluetooth, WiFi</td>
</tr>
<tr>
<td>Range (m/yds)</td>
<td>300/330 (3/3.3 Bluetooth)</td>
</tr>
<tr>
<td>Housing Material</td>
<td>Aluminium</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP65</td>
</tr>
<tr>
<td>Ambient Temperature (°C/°F)</td>
<td>0° - 40° / 32° - 104°</td>
</tr>
<tr>
<td>Weight (kg/lbs)</td>
<td>5.66 / 12.5</td>
</tr>
<tr>
<td>Dimensions (mm/inches)</td>
<td>175 x 222 x 256 / 6.9 x 8.7 x 10.1</td>
</tr>
</tbody>
</table>
**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.

**15W RGBW**

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

**Features**

- Removable Bracket
- 3x M4 thread for hanging and safety
- Adjustable kickstand for flexible wall uplighting
- Backside magnet for easy mounting
- 3/8" thread for hanging and mounting on truss
- Max. 20h
- App
- Wireless DMX
- IP65

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**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

**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

---

**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

---

**Specifications**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Order Code</td>
<td>AX3-CRMX</td>
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<tr>
<td>LED Engine</td>
<td>RGBW</td>
</tr>
<tr>
<td>Total LED Power</td>
<td>15W</td>
</tr>
<tr>
<td>Power Draw</td>
<td>tba</td>
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<tr>
<td>Light Output*</td>
<td>350 Lumen @ 4000K</td>
</tr>
<tr>
<td>Emittance*</td>
<td>1150 Lux (82m; 13° beam angle)</td>
</tr>
<tr>
<td>CR(Ra)/TLCI 2700-4000K*</td>
<td>n/a</td>
</tr>
<tr>
<td>Beam Angle</td>
<td>13°</td>
</tr>
<tr>
<td>Strobe</td>
<td>0 - 25Hz</td>
</tr>
<tr>
<td>Battery Lifetime</td>
<td>70 % after 300 cycles</td>
</tr>
<tr>
<td>Battery Runtime</td>
<td>up to 20 hours</td>
</tr>
<tr>
<td>Charging Time (nominal)</td>
<td>5 hrs</td>
</tr>
<tr>
<td>DC Input</td>
<td>110-240VDC / 5V DC @ 2.5A</td>
</tr>
<tr>
<td>Wired DMX</td>
<td>No</td>
</tr>
<tr>
<td>CRMX Receiver</td>
<td>Built in</td>
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<tr>
<td>Wireless Frequencies</td>
<td>CRMX 2.4GHz, UHF</td>
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<tr>
<td>Range (m/yds)</td>
<td>300/330</td>
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<tr>
<td>Housing Material</td>
<td>ABS</td>
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<tr>
<td>IP Rating</td>
<td>IP65</td>
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<tr>
<td>Ambient Temperature (°C/F)</td>
<td>0° - 40° / 32° - 104°</td>
</tr>
<tr>
<td>Weight (kg/lbs)</td>
<td>0.679 / 1.4</td>
</tr>
<tr>
<td>Dimensions (mm/inches)</td>
<td>120 x 59 x 114 / 4.7 x 2.3 x 4.4</td>
</tr>
</tbody>
</table>

*typical values

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Asteria’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”)

**AX2 PIXEL BAR**

**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

**Max. 20h**

**App**

**Wireless DMX**

**IP65**
**AX2 PIXELBAR**

**SPECIFICATIONS**

*typical values*

- **Order Code**: AX2-100 / AX2-50
- **LED Engine**: Titan LED Engine (RGB/Mint/Amar)
- **Total LED Power**: 160W / 80W
- **Power Draw**: 80W / 40W
- **Light Output** – 2700K, 3200K, 5500K*
  - 3600lm, 4460lm, 4530lm
  - 1800lm, 2230lm, 2265lm
- **Emittance***: 5500 Lux (82m, 21° beam angle)
  - 2750 Lux (82m, 21° beam angle)
- **CRI(Ra)/TLCI**: 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 x2.6

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

**CHARGING CASE**

- **Order Code**: AX2-50-CHRCSE / AX2-100-CHRCSE
- **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)
  - 8x Feet (included with AX2) (AX-FT)
  - 4x PowerCon True1 cable (included with AX2)
  - 4x JumpCable (not included) (AX-JC)
  - 4x FlyBar (not included) (AX-FB)
  - 1x AC Distribution Cable (included) (AX2-ACDIS)

*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.*

**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

**Filter 30°**

- Filter 30°
- Filter 60°
- Filter 120°

**Order Code**: AX2-100 / AX2-50

**LED Engine**: Titan LED Engine (RGB/Mint/Amar)

**Total LED Power**: 160W / 80W

**Power Draw**: 80W / 40W

**Light Output** – 2700K, 3200K, 5500K*
- 3600lm, 4460lm, 4530lm
- 1800lm, 2230lm, 2265lm

**Emittance***: 5500 Lux (82m, 21° beam angle)
- 2750 Lux (82m, 21° beam angle)

**CRI(Ra)/TLCI**: 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 x2.6
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.

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

PowerStation for NYX Bulb
NYX BULB

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

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

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

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

SETs

8x NYX Bulb
1x PSU
1x Power Station
8x Power Cables
8x Cup Bouncer

8x PowerStation
8x PowerStation Hanger
8x TrackPin
8x Lamp socket
1x D-TAB SplitCable
8x Bridgecable

SPECIFICATIONS

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

*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.

- AC power OUT
- AC power IN
- XLR DMX OUT
- XLR DMX IN
- RJ45 Socket for Artnet or sACN
- 10 Sockets for DC Cables with Power + Data
- Power/Data Cable

**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.

- AC power IN
- AC power OUT
- XLR DMX OUT
- XLR DMX IN
- RJ45 Socket for Artnet or sACN
- 2 Sockets for DC Cables with Power + Data
- Power/Data Cable
**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**

<table>
<thead>
<tr>
<th></th>
<th>Helios Tube</th>
<th>Titan Tube</th>
<th>Hyperion Tube</th>
<th>AX1</th>
<th>PixelBrick</th>
<th>HydraPanel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titan PowerBox</td>
<td></td>
<td>x</td>
<td></td>
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<tr>
<td>PowerBox 2x86</td>
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<td>Datalink</td>
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<td>AX1 ChargingBox</td>
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<tr>
<td>Power Supply for Helios/Titan Tube</td>
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<td></td>
<td></td>
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<tr>
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<td>x</td>
<td>x</td>
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<td>x</td>
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<tr>
<td>Power Supply for AX1</td>
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<tr>
<td>Extension Cable for AX1</td>
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<tr>
<td>Extension Cable for Helios, Titan, Hyperion</td>
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<tr>
<td>Titan Power/Data Combination Cable</td>
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<td>x</td>
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<td></td>
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<tr>
<td>Power/Data Combination Cable</td>
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</tbody>
</table>

**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. FPI-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. FPI-EXC

**Power/Data Cable Titan PowerBox**

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