



2018



(((100% WIRELESS



ASTERA IS 100% WIRELESS

More than 10 years ago we realized that transporting truckloads of cables to and from events as well as laying them out and packing them is a messy and time-consuming job. So we developed a wireless lighting system to make your event setup faster and easier to manage.

We did this by integrating rechargeable batteries in our lights and by developing a powerful remote control system. This system not only helps you to save time and enable clean setups but also allows you to become more creative by quickly moving lights around and to places without electricity.

Our lights are designed to be flexible and work for a range of usages. Spotlights can be used to wash walls, lights can be used indoors and outdoors and work wirelessly as well as when hard wired for bigger or longer events.

N. Ernst

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100%

WIRELESS



Advanced battery technology with adjustable runtime for a 100% wireless operation.



Contains LumenRadio technology, compatible with CRMX and W-DMX wireless DMX standards.



Most advanced app for controlling, monitoring and setting up wireless lights.



Rugged and waterproof design for IP 65 outdoor usage.

The Astera System



Control Lights

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

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, which lights are targeted and get informed if a light is being moved.

Wireless DMX

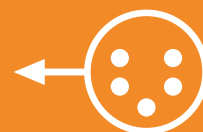
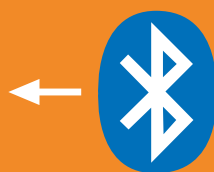
The AsteraBox works as a wireless DMX transmitter with CRMX technology, just connect it with the included XLR adapter.

Compatible

Astera Lights can be controlled together by CRMX and W-DMX (up to G4S) so you can use them together with other wireless lights.



AsteraApp™



DMX Console

What makes our lights the number one choice?



Max. 20h



App



Wireless DMX



IP 65



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.



Filming Tools

Adjustable PWM frequency to avoid flickering, green/purple balance to minimize post-production work.



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.



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.



AsteraApp™

The **AsteraApp™** is the result of 10 years of development and specifically designed for temporary event setups. It is a huge time saver when setting up, monitoring or controlling lights.



Talkback+

AsteraApp™ features a revolutionary bi-directional wireless communication. Get a list of all your lights and their status, even when controlling them by DMX. Keep a permanent overview by filtering and sorting the list.

Prepare lights

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



Programs

Create complex programs out of colors, effects and settings. The lights will remember and repeat these effects without requiring a constant link.

Targets

Quickly create groups of lights, assign positions and select which lights should receive commands.



For a complete list of features of the AsteraApp go to:

www.astera-led.com/app

Android app available on Google play store, iOS app available on the App store from summer 2018 onwards.



ART7 AsteraBox™ CRMX

The **AsteraBox™** is the interface between lights and controller. We added a CRMX transmitter to the Astera-Box™. Just plug it to your DMX console and control your X-series light (AX3 etc.) and other lights with CRMX technology. The ART7 can transmit up to 512 DMX channels with the fastest refresh rate. Of course the new Astera-Box™ still works as an interface between tablet and lights. Its built-in battery enables easy and time-saving setup, just like all our products.



AsteraApp™



DMX Console

Runtime:	up to 72h on battery
Frequency:	UHF, 2.4 GHz
Range:	300 m
Control via App:	AX1, AX3, AX5, AX7, AX10, older Astera lights
Control via CRMX:	Any light with CRMX receiver
Dimensions:	144 mm x 78 mm x 30 mm
Weight:	0.230 kg
Included:	Micro-USB Charger, Carry Case, DMX Adapter

For full technical specification, visit: www.astera-led.com/art7



XLR Adapter
ART7-DMXA



Carry Case
ART7-CSE



Wireless PAR



Wired PAR



Elegant Uplight

AX5 Accessories



IR Remote
ARC1



Double Spigot
AX1-BLT



Charging Case
AX5-CSE
(not available in all countries)



Charging Plate
AX5-CHRPLT-8



INCLUDED
Flood Filter
(32°)
AX5-FF



INCLUDED
Wallwash Filter
(17°x46°)
AX5-WWF



NEW
Charging Plate for 4
AX5-CHRPLT-4



NEW
Rotatable Filter
(17°x46°)
AX5-ROTAF



NEW
Flex Cover White
AX5-FLXCVR-WT



NEW
Flex Cover Mirror
AX5-FLXCVR-MIR



NEW
Volcano Cover
White
AX5-VULCVR-WT

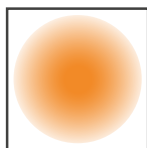


NEW
Volcano Cover
Mirror
AX5-VULCVR-MIR

AX5 Filter Options



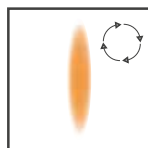
No Filter
13°



Flood Filter
32°



Wallwash Filter
17°x46°



Rotatable Filter
(17°x46°)

AX5 TriplePAR™

3-in-1 The perfect PAR

Optimized for a fast return of investment, the AX5 replaces your wireless and wired PARs as well as battery uplights. It's the one and only light you'll need to get.

Max LED power:	45 W
Illuminants:	3 x 15 W RGBAW Philips Lumileds
Luminous Flux*:	1,080 lm
Emittance*:	4,800 lx (at 2 m; White 3200 K)
CRI*:	>92 (at 2700-4000 K)
Beam Angle:	13°
Battery Runtime:	up to 20 hrs (seamless runtime)
Size:	145 x 190 x 221 mm
Weight:	3.4 kg
Waterproof:	IP65
Control by:	IR, AsteraApp, Wireless DMX, XLR-DMX

For full technical specification, visit: www.astera-led.com/ax5



Max. 20h



App



Wireless DMX



IP 65

Latest precision optics
from Gaggione



3x15 W RGBAW LEDs
And high CRI due to individual
factory calibration

Slide to release



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

Charging contacts
for flight case charging



Waterproof Connectors
Powercon True1 & XLR,
IP65 while plugged or unplugged

Press & slide out



Removable Bracket
Transform the AX5 into
an uplight within seconds



Elegant Covers
Transform your AX5!
Different shapes and colors
now available

Quick release button



Kickstand
Adjustable angle for
wall uplighting

MECHANICAL FEATURES

4x rubber feet

4x M6 threads

Safety hook

3/8" thread or 1/2" hole



Display with 5 buttons

Disc break

Foldable feet



AX1 PixelTube™

The **AX1** is an IP65 waterproof, pixel controllable, decorative LED RGBW baton that can be mounted at event sites and in light-up tables, curtains etc. A highly creative device that offers a large range of possibilities.

AX1 Accessories



AX1 Holder
AX1-H



M5 Eye Bolt
AX1-EBLT



AX1 Stand
AX1-STD



IR Remote
ARC1



Charging Case
AX1-CHRCSE



Double Spigot
AX1-BLT

Max LED power:	28 W
Pixels:	16
Beam angle:	180°
Battery Runtime:	up to 20 hrs (seamless runtime)
Size:	Ø42.6 mm, L 1035 mm
Weight:	1.00 kg
Waterproof:	IP65
Included:	Charger, Holder, Eye Bolt, Stand

For full technical specification, visit: www.astera-led.com/pax1



Max. 20h



App



Wireless DMX



IP 65





AX3 Lightdrop™

The **AX3** is Astera's most popular lighting fixture and 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.

AX3 Accessories



IR Remote
ARC1



Charging Case
AX3-CHRCSE



Track Light EUTRAC Adapter
AX3-TLEA



Diffuser Dome
AX3-DDM



Flood Filter
(30°)
AX3-DDSK-30



Diffuser Filter
(120°)
AX3-DDSK-120



Wallwash Filter
(17°x46°)
AX3-WWDSK

Illuminants:	1 x 15 W RGBW Cree LED
Luminous Flux*:	430 lm (at White 6500 K)
Emittance*:	1,300 lx (at 2 m; White 6500 K)
Beam angle:	13°
Battery Runtime:	up to 20 hrs (seamless runtime)
Size:	Ø 95 mm x H 59 mm
Size with Stand:	120 x 59 x 114 mm
Weight:	0.679 kg
Waterproof:	IP65
Included:	Charger, 30°/120° Filter, Hooks, Rubber Feet, Socket Cover

For full technical specification, visit: www.astera-led.com/pax3



Max. 20h



App



Wireless DMX



IP 65



Underside

Magnet, rubber feet, ON/OFF button, and charging socket



AX7 SpotLite™

The younger brother of the **AX10** is the **AX7**; a highly powerful, lightweight and cost-effective RGBW version of the brightest wireless spotlight on the market. Ultra-bright LEDs, battery-powered, remote controlled and IP65 waterproof for outdoor use. The AX7 is compatible with LumenRadio CRMX Wireless DMX and all Astera remote controllers.

AX7/AX10 Accessories



IR Remote
ARC1



Super Bolt
AX10-BLT



Charging Case
(contact for availability)
AX10-CHRCSE



INCLUDED

Flood Filter
(32°)
AX10-DDSK



INCLUDED

Wallwash Filter
(17°x46°)
AX10-WWDSK



Rotatable Filter
(46°x17°)
AX10-ROTAD

Max LED power:	60 W
Illuminants:	4 x 15 W RGBW Cree LEDs
Luminous Flux*:	1,675 lm (at White 4000 K)
Emittance*:	6,250 lx (at 2m; White 4000 K)
Beam Angle:	13°
Battery Runtime:	up to 20 hrs (seamless runtime)
Size:	279 x 296 x 253 mm
Weight:	6.10 kg
Waterproof:	IP65
Included:	Powercon True1 power cord, 32° Flood & 17°x46° Wallwash filter

For full technical specification, visit: www.astera-led.com/pax7



Max. 20h



App



Wireless DMX



IP 65



Folded Legs
for easy carrying



Rear View
Display, suspension hooks and
PowerconTrue1 In/Out sockets



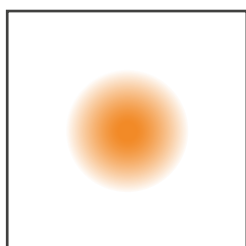
Filter
Easy to attach filter;
just slide in and press under clip



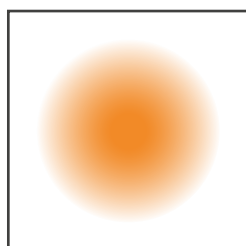
AX10 SpotMax™

The **AX10** features high quality Philips RGBAW LEDs, TruColor™ Calibration, long-life Samsung batteries and a uniquely engineered housing to increase cooling and optimize performance. Battery-powered, remote controlled, IP65 waterproof for outdoor use, and a carry handle built into its stand.

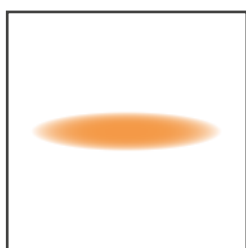
AX7/AX10 Filter Options



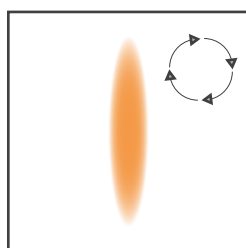
Standard Spot
(13°)



Flood Filter
(32°)



Wallwash Filter
(17°x46°)



Rotatable Filter
(17°x46°)

Max LED power:	135 W
Illuminants:	9 x 15 W RGBAW Philips Lumileds
Luminous Flux*:	3,350 lm (at White 4000 K)
Emittance*:	10,350 lx (at 2 m; White 4000 K)
CRI*:	92
Beam Angle:	13°
Battery Runtime:	up to 20 hrs (seamless runtime)
Size:	279 x 296 x 253 mm
Weight:	7.98 kg
Waterproof:	IP65
Included:	Powercon True1 power cord, 32° Flood & 17°x46° Wallwash filter

For full technical specification, visit: www.astera-led.com/pax10

lumenradio
Connectivity for a Better World

LUMILEDS



Max. 20h



App



Wireless DMX



IP 65



Attached to Truss
with Super Bolt/Clamp attached



Rear View
Display, suspension hooks and
PowerconTrue1 In/Out sockets



Rear/Side View
Display, suspension hooks
and adjustable knob

Technical Comparison



AX10



AX7



AX5



AX3



AX1

Product Code:	AX10	AX7	AX5	AX3-CRMX	AX1
Colors:	RGBAW	RGBW	RGBAW	RGBW	RGBW
Total LED Power:	135 W	60 W	45 W	15 W	28 W
Luminous Flux*:	3,350 lm	1,675 lm	1080 lm	430 lm	725 lm
Emittance* (at 2m):	10,350 lx	6,250 lx	4,800 lx	1,300 lx	65 lx
CRI*:	92	n/a	92	n/a	88
Strobe:	0-25 Hz	0-25 Hz	0-25 Hz	0-25 Hz	0-25 Hz
Beam Angle:	13°	13°	13°	13°	180°
Pixels:	1	1	1	1	16
Battery:	LG Chem	LG Chem	LG Chem	LG Chem	LG Chem
Battery Lifetime:	70% after 300 cycles	70% after 300 cycles	70% after 300 cycles	70% after 300 cycles	70% after 300 cycles
Battery Runtime:	up to 20 hours	up to 20 hours	up to 20 hours	up to 20 hours	up to 20 hours
LED Lifetime:	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
Charging Time (nominal):	5 hrs	5 hrs	5 hrs	5 hrs	5 hrs
Input Voltage:	110-240 V, 50/60 Hz	110-240 V, 50/60 Hz	90-260 V, 50/60 Hz	110-240 V, 50/60 Hz 2.5 A at 5 V	110-240 V, 50/60 Hz 0.5 A at 48 V
Wireless Module:	865-870 MHz 902-928 MHz 2.4 GHz	865-870 MHz 902-928 MHz 2.4 GHz	865-870 MHz 902-928 MHz 2.4 GHz	865-870 MHz 902-928 MHz 2.4 GHz	865-870 MHz 902-928 MHz 2.4 GHz
Range:	300 m 330 yds	300 m 330 yds	300 m 330 yds	300 m 330 yds	300 m 330 yds
Wired DMX:	No	No	Yes	No	No
CRMX Wireless DMX:	Yes	Yes	Yes	Yes	Yes
Housing:	Aluminium	Aluminium	Aluminium with plastic ring	ABS	Polycarbonate, metal end caps
IP Rating:	IP65	IP65	IP65	IP65	IP65
Relative Humidity:	0-100%	0-100%	0-100%	0-100%	0-100%
Operating Temperature:	0°-40° C 32°-104° F	0°-40° C 32°-104° F	0°-40° C 32°-104° F	0°-40° C 32°-104° F	0°-40° C 32°-104° F
Weight:	7.98 kg 17.5 lbs	6.10 kg 13.4 lbs	3.4 kg 7.5 lbs	0.679 kg 1.4 lbs	1.00 kg 2.2 lbs
Dimensions (mm):	279 x 296 x 253	279 x 296 x 253	145 x 190 x 221	120 x 59 x 114	Ø42 x 1035
Dimensions (inches):	10.9 x 11.6 x 9.9	10.9 x 11.6 x 9.9	5.7 x 7.5 x 8.7	4.7 x 2.3 x 4.4	Ø1.6" x H40.7"
Environment:	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor

Order Codes

AX1 PixelTube:	AX1-US AX1-EU AX1-UK
AX1 Charger:	AX1-CHR-US AX1-CHR-EU AX1-CHR-UK
AX1 Charging Case:	AX1-CHRCSE-US AX1-CHRCSE-EU AX1-CHRCSE-UK
AX1 Holder:	AX1-H
AX1 Eye Bolt:	AX1-EBLT
AX1 Stand:	AX1-STD
AX1 Spigot:	AX1-BLT
AX3 Lightdrop:	AX3-CRMX-US AX3-CRMX-EU AX3-CRMX-UK
AX3 Charging Case:	AX3-CHRCSE-US AX3-CHRCSE-EU AX3-CHRCSE-UK
AX3 Diffuser Dome:	AX3-DDM
AX3 Flood Filter:	AX3-DDSK-30
AX3 Diffuser Filter:	AX3-DDSK-120
AX3 Wallwash Filter:	AX3-WWDSK
Track Light EUTRAC Adapter:	AX3-TLEA
AX5 TriplePAR:	AX5
AX5 Flood Filter:	AX5-FF
AX5 Wallwash Filter:	AX5-WWF
AX5 Rotatable Filter:	AX5-ROTAF
AX5 Charging Case:	AX5-CHRCSE
AX5 Charging Plate for 8:	AX5-CHRPLT-8
AX5 Charging Plate for 4:	AX5-CHRPLT-4
AX5 Male XLR connector:	AX5-XLRCON-M
AX5 Female XLR connector:	AX5-XLRCON-F

AX5 Flex Cover White:	AX5-FLXCVR-WT-8
AX5 Flex Cover Mirror:	AX5-FLXCVR-MIR-8
AX5 Volcano Cover White:	AX5-VULCVR-WT-8
AX5 Volcano Cover Mirror:	AX5-VULCVR-MIR-8
AX7 SpotLite:	AX7-US AX7-EU AX7-UK
AX10 SpotMax:	AX10-US AX10-EU AX10-UK
AX7/AX10 Power Cord:	AX10-CHR-US AX10-CHR-EU AX10-CHR-UK
AX7/AX10 Charging Case:	AX10-CHRCSE-US AX10-CHRCSE-EU AX10-CHRCSE-UK
AX7/AX10 Super Bolt:	AX10-BLT-US AX10-BLT-EU
AX7/AX10 Flood Filter:	AX10-DDSK
AX7/AX10 Wallwash Filter:	AX10-WWDSK
AX7/AX10 Rotatable Filter:	AX10-ROTAD
IR Remote:	ARC1
ART7 AsteraBox™:	ART7-US ART7-EU ART7-UK
ART7 XLR Adapter:	ART7-DMXA
ART7 Case:	ART7-CSE

US Version: USA, Canada, Australia, and New Zealand.

EU Version: Europe, Russia, and China.

UK Version: UK, UAE, Singapore, and Malaysia.





Contact

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