



# 2014

WIRELESS EVENT LIGHTING



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Wireless Inflatable Lighting in Peru

# Welcome to Astera

Since 2007, Astera has been dedicated to revolutionizing the LED lighting industry through developing several outstanding wireless fixtures, light sources and controllers.

With a talented and ambitious R&D team, a focused management team, and a global network of suppliers and partners, we are able to divide our competences between wireless event lighting and project-based architectural lighting. We have produced innovative and useful wireless event lights as well as award-winning customized lighting for renowned global lighting designers.

We are proud to offer advanced wireless event lighting from Germany, created by the finest engineers in the industry to make your event stand out from the rest.

*N. Ernst*

Norbert Ernst  
CEO, Astera LED-Technology



# Discover Wireless Lighting





## Remote Controlled + Battery Powered

- Wirelessly controllable by remote or wireless DMX
- Individual lights or groups of lights can be controlled
- Controllable up to 300m
- In-built batteries with 5-24 hours runtime
- Charging cases for transportation and charging
- Astera uses highly efficient and long-lasting SAMSUNG batteries



## The Astera System

- Create and store complicated effects within minutes
- Quickly modify programs and effects during events
- 20 predefined programs – all customizable!
- Create groups and control individual lights or groups
- Control hundreds of pixels and stretch effects across several lights
- DMX compatible with Wireless DMX Transmitter









## Pixel Tube

AL1



The Wireless Pixel Tube is a long and thin decorative LED RGBW light that can be mounted at event sites and in light up tables (*see above image*), sofas, curtains etc. A highly creative device that offers a large range of possibilities.

Max LED power:	16W
Luminous Flux:	323lm
Beam angle:	120°
Size:	Ø40mm, L1000mm
Weight:	0.944kg
Housing:	Polycarbonate

## Lightdrop™

NEW!



AX3

The Lightdrop™ has undergone an X-Series makeover! This is an easy to use, RGBW wireless puck spotlight. With its magnetic underside it can be hung from ceilings, walls or under tables, or it can be used as an angled spotlight in its own right. The Lightdrop™ is also suited to light up translucent PE objects (*see above image*).

Max LED power:	15W
Luminous Flux:	389lm (at White 4000K)
Beam angle:	13°
Size:	Ø95mm x H59mm
Size with Stand:	110mm x 130mm x 59mm
Weight:	0.427kg
Waterproof:	IP65
Housing:	PA66 Thermal Conductive Plastic with PMMA cover



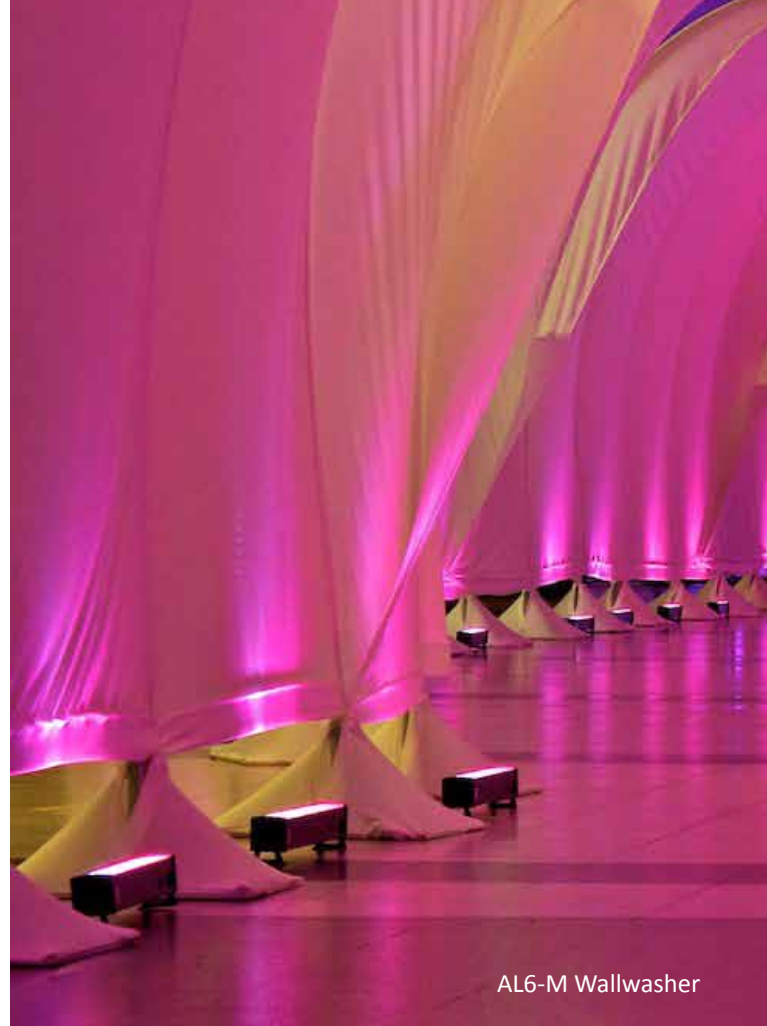
# Wallwasher



## AL6

With its narrow beam angle and individually addressable pixels, the RGBW capable AL6 is ideal for bringing dynamic effects into events. It can be controlled and grouped by the Astera remote controls.

Max LED power:	AL6-S: 12W
	AL6-M: 24W
	AL6-L: 48W
Luminous Flux:	AL6-S: 137lm
	AL6-M: 266lm
	AL6-L: 426lm
Beam angle:	15° (diffuser lens included)
Size:	AL6-S: 350mm x 98mm x 66mm
	AL6-M: 570mm x 98mm x 66mm
	AL6-L: 1070mm x 98mm x 66mm
Weight:	AL6-S: 1.200kg
	AL6-M: 1.900kg
	AL6-L: 3.426kg
Housing:	Aluminum housing with PMMA cover
Extras:	Built-in control panel, DMX sockets



AL6-M Wallwasher



# SpotLite™

NEW!



## AX7

The younger brother of the SpotMax™ is the SpotLite™; 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 waterproof for outdoor use.

Max LED power:	60W
Luminous Flux:	1,675lm (at White 4000K)
Luminous Emittance:	6,250lx (at White 4000K)
Beam angle:	13°
Size:	L304mm x W245mm x H280mm
Weight:	6.10kg
Housing:	Water-resistant cast aluminium (IP65)
Extras:	Built-in control panel, TruColor™ calibration, Lumen Radio CRMX, waterproof charging, wallwash and flood diffusers.



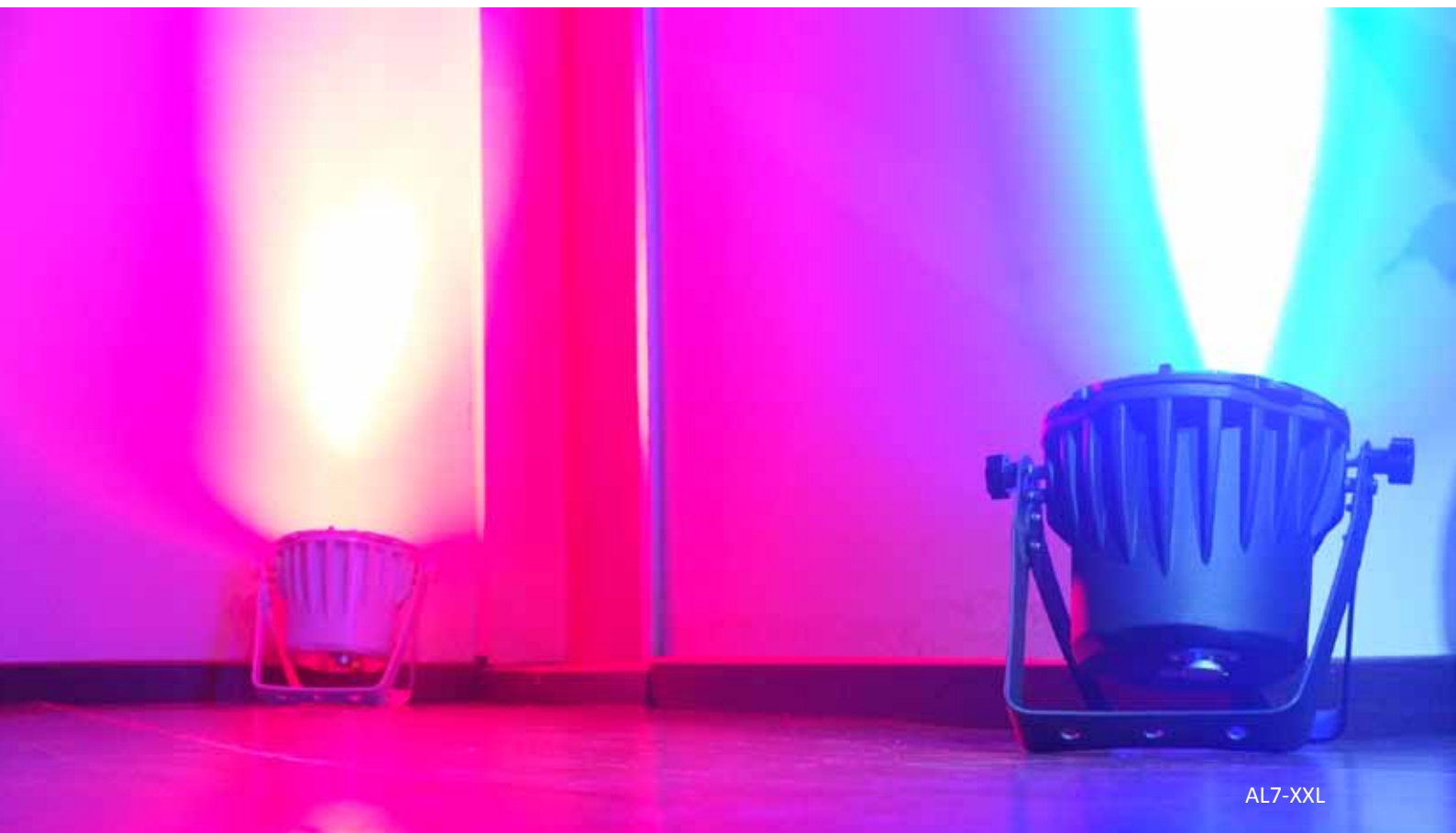




AL6-M

# Event Lights

Advanced **Event Lighting** from **Germany**



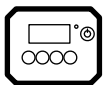
AL7-XXL

# SpotMax™

## AX10

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

Max LED power:	135W
Luminous Flux:	3,350lm (at White 4000K)
CRI:	92
Beam Angle:	13°
Size:	L279mm x W253mm x H296mm
Weight:	8.140 kg
Housing:	Waterproof cast-aluminium housing
Waterproof:	IP65
Extras:	Built-in control panel, TruColor™ calibration, Lumen Radio CRMX, waterproof charging, wallwash and flood diffusers.



## What makes the SpotMax™ the most elite spotlight in the Industry?

### Power

With 135W LED power, SpotMax™ is the most powerful wireless spotlight on the market. It emits a huge 10,350 lux (at 2m) and has a CRI of 92, which is phenomenal for a wireless LED spotlight. A range of 300m can be achieved, and it can be controlled by all of our controllers, as well as wireless DMX (with our ART3 Transmitter).

### Performance

The SpotMax™ is designed for all event and stage uses. It is waterproof (even while charging), truss-clamp compatible, comes with three different beam options (13° standard, 32° and 17°x46° diffusers), and is packed with revolutionary features like TruColor™ Calibration and dynamic power boost.

### Quality

Crammed with components from renowned global brands, the SpotMax™ has the best mix to ensure long runtimes and high efficiency. With nine 15W Philips LEDs underneath the finest Khatod optics, the SpotMax™ produces a distinct and vibrant spot. Long-running SAMSUNG batteries means a guaranteed 5-20 hours runtime.





# Stage Lights



## What is CRI?

Possibly its biggest advancement is in the area of the color rendering index; this is the system for identifying how clear and bright the LED beam is compared to normal midday sunlight. The SpotMax™ can reach as high as 92Ra on the CRI. This is extraordinarily high for a wireless spotlight, and sets the SpotMax™ apart from the rest.

## What is the benefit of TruColor™ Calibration?

TruColor™ Calibration is an advanced algorithm, which sets a new standard for color consistency and evenness of Astera's wireless event lights. The technology achieves unprecedented consistency of light performance and color precision across all Astera fixtures, while maximizing intensity and color range. To adjust to differing environments or when the LEDs get warm, the TruColor™ technology compensates for this and no difference will be seen in the color being shone. Additionally, it will maintain a specified colour for any duration set by the user (up to 20 ours).



## What is the benefit of adding Amber LEDs?

The Philips RGBWA LEDs provide an expanded color palette. Amber LEDs seamlessly mix with white, red, green, and blue LEDs to produce a significantly increased color palette, including deep yellows, higher-quality whites, and a range of subtle pastel colors.



LumenRadio

## How can the SpotMax™ be controlled?

It can be controlled in a variety of ways. It responds to our infra-red controller (ARC1) and our RF-controller (ARC2). The easiest way to control the SpotMax™ is by using our controller application, the AsteraApp™, available for all Bluetooth-enabled Android devices. It is also possible to control via CRMX wireless DMX from LumenRadio, or with our ART3 Wireless DMX Transmitter.



# EventControl

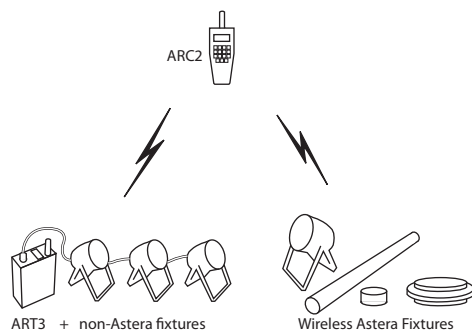
## RF Remote Control



### ARC2

The handheld ARC2 controls Astera's lights or third party lights connected to an Astera controller. With a range of up to 300m it is suited for large installation and wireless event lighting.

Battery:	2 x 1.5V (AA type)
Display:	Backlit LCD with 3 lines
Buttons:	16 multi-functional buttons
Control Range:	Controls an unlimited amount of lights
Range:	300m
Housing:	Plastic



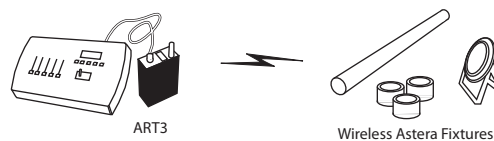
## Wireless DMX Transmitter



### ART3

ART3 is a new and advanced Wireless DMX sender/receiver that can compress the DMX signal and enables the wireless communication between fixtures, remotes and DMX control desks.

Battery:	Not available
Display:	Backlit LCD with 3 lines
Buttons:	5 multi-functional buttons
Control Range:	Sends 1 DMX universe (512 channels)
	Receives 1 DMX universe (512 channels)
	Controls 32 non-Astera fixtures
Range:	300m (in RC transmitter mode)







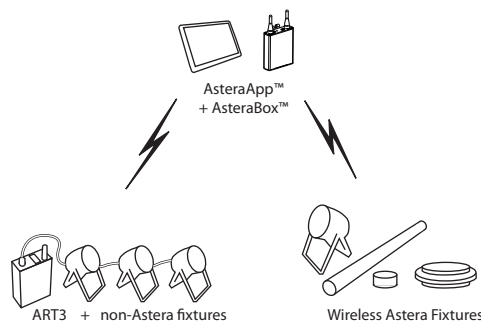
# AsteraApp™ with AsteraBox™

**NEW!**

## ART6 / ARCSET

This revolutionary device can control all wireless Astera lights and controllers. Simply pair your Bluetooth-enabled Android device (installed with the AsteraApp™) with the AsteraBox™, and start controlling Astera lights immediately.

The AsteraApp™ offers intuitive and fast control of complicated lighting setups. With fully customizable programs and effects, and a range of more than 300m, this is the future of wireless control.



SLIDE



## SLIDE® PE Objects

We also offer a range of official SLIDE® objects. Made in Milan with Italian craftsmanship, we offer an entire range of LDPE objects to suit all occasions. They can be illuminated to form beautiful event decor. To be used with the Lightdrop™ or Wireless Pixel Tube.

Cube:	Strong enough for sitting; 3 sizes
X-Pot Light:	7 sizes available
Ice Bar:	Ice can be added to cool bottles
Jumbo Bar:	Well designed modular bar
Jumbo Corner:	Fitting the Jumbo Bar



Cube



X-Pot Light



Jumbo Bar



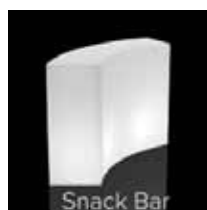
Gio Tondo



Ice Bar



Jumbo Corner



Snack Bar



MyDesk







# Cases

Astera cases are built to make it easy to transport your lighting and for easy, instant charging when unable to find a power socket.

## Accessory cases

Lightdrop™:	Includes housings, stands and lenses.
Mini Lightdrop™:	Includes lenses and holders.

## Charging cases

Pixel Tube:	Holds 16.
Lightdrop™:	Holds 20 (S) and 8 (M).
Wallwasher:	Holds 8 (M) and 4 (L).
AL7-XXL:	Holds 6.
SpotLite™:	Holds 4.
SpotMax™:	Holds 4.



## SpotMax™ / SpotLite™ Case

The new SpotMax™ / SpotLite™ charging case is a durable and lightweight case which will house four fixtures and is also waterproof and heat resistant.

Holds:	4 fixtures
Material:	Plastic
Dimensions:	735x620x490mm
Weight:	20kg



Cold resistant  
Heat resistant  
Watertight  
Shockproof  
Sand resistant



Lightdrop™  
Charging/Carry Case



Lightdrop™  
Accessory Case



Wallwasher  
Charging/Carry Case



Pixel Tube  
Charging/Carry Case



Event Range  
Demo Case



AL7-XXL  
Charging/Carry Case

