

SPOTMAX™

product sheet



Suitable Controllers



LumenRadio

The elite in wireless technology

SpotMax™

AX10

Bringing together years of knowledge in wireless lighting and German engineering, the SpotMax™ is the most advanced in wireless lighting. Benefits include:

- RGBAW Philips Lumileds LEDs
- 3 Multi-purpose Diffusor Options
- TruColor™ Calibration
- Dynamic Power-boost
- CRMX Wireless DMX + W-DMX
- IP65 Waterproof
- Waterproof Charging
- Long-life SAMSUNG Battery
- High-end Khatod Lenses
- Extremely high luminous power
- Uniquely designed foldable stand



DMX



135W LED Power	up to 20 Hours of Operation	50,000 Hours LED Life	13° Beam Angle
3,400 Lumen	IP65 Water Resistant	92 High CRI	RGBAW Lumileds LEDs
10,400 Lux at 2m	9 Khatod Lenses	300m Range	3-in-1 Diffusor Options



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TruColor™ Calibration

In basic terms, the TruColor™ Technology is a system of adjusting and enabling the LEDs to produce precise and consistent colors. 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. The TruColor™ Calibration includes a **dynamic power-boost feature**, which increases power output (brightness) while maintaining the color point. This means that the SpotMax™ can simultaneously achieve unparalleled intensity and exact color matching, which is extremely rare for spotlights in this price range. The SpotMax™ can reach **as high as 92** on the CRI.



Beam Versatility

The SpotMax™ contains a holder on its face for placing diffusor lenses. This means that the SpotMax™ can produce any of three effects; a **perfect 13° spot**, a **32° wide angle spot**, and a **linear wallwash** effect (17° x 46°), making the SpotMax™ the perfect, all-inclusive spotlight for event illumination.



Outdoor Use and Mounting

The SpotMax™ can also be used outdoors due to its **IP65 certified housing**, even when charging. Due to the Powercon True1 Neutrik connectors used, the SpotMax™ is **completely waterproof**.

By attaching the **Super Bolt** to its ergonomic handle, users can then attach the SpotMax™ to truss structures etc. (with a Manfrotto Super Clamp).



Established Global Brands

The SpotMax™ is able to achieve such natural colors and immense brightness due to years of research into TruColor™ Technology, but also due to using the world's best technological components. Included in this are long-life **SAMSUNG batteries**, high luminous **Philips Lumileds**, precise **13° lenses** from optical specialist, Khatod, and **Powercon True1 waterproof connectors** from Neutrik.

Safety and Transportation

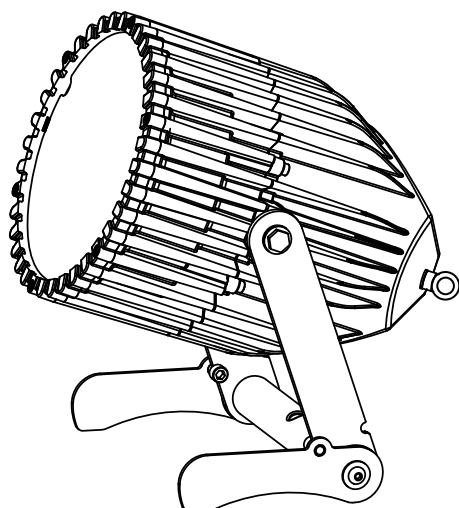
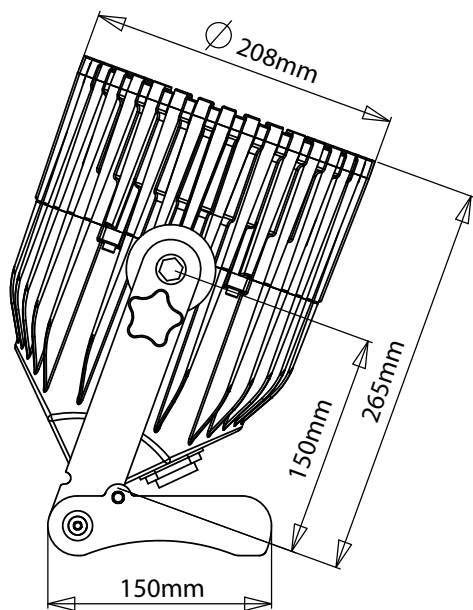
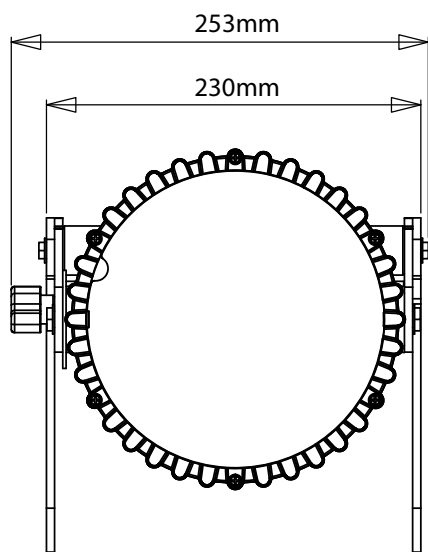
The SpotMax™ also comes with safety hooks on each side. Users can attach safety leashes as required in the industry when affixing fixtures to truss etc. The SpotMax™ is also great for using as an emergency light with its AC failure setting. Additionally, the SpotMax™ has a **charging case available**, which can hold 4 or 8 fixtures (two sizes available).



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Technical Specification

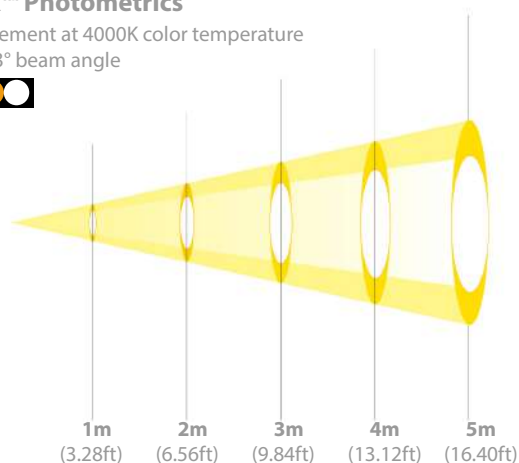
The SpotMax™ is the most powerful wireless fixture on the market.

Illuminants:	9 x 15W RGBAW Philips LEDs
Total LED Power:	135W
Luminous Flux*:	3,341 lm (White) 1,080 lm (Green) 491 lm (Red) 342 lm (Blue)
Illuminance*:	10,370 lx (White)
CRI*:	92 at 3000K (60%-70% intensity)
Strobe:	0-25Hz
Beam Angle:	13° (achieved through Khatod lenses)
Battery:	Built-in Samsung battery
Battery Lifetime:	70% capacity (after 300 charging cycles)
Operation:	up to 20hrs (seamless runtime)
LED Lifetime:	50,000 hours
Charging Time:	5-20 hours (depending on ambient temp.)
Working Voltage:	Input 110-240V, 50/60Hz
Power Consumption:	170W (maximum)
Wireless Module:	868MHz receiver (US: 902-928MHz) 2.4GHz wireless module
Range:	300m 330yds
Wired DMX:	No
Astera Wireless DMX:	Yes (with ART3 Transmitter)
CRMX Wireless DMX:	Yes (also compatible with W-DMX)
Power Connectors:	2 (Neutrik Powercon True1 In & Out)
Housing:	Cast aluminium, Tempered glass
IP Rating:	IP65
Relative Humidity:	0-100% (non-condensing)
Operating Temperature:	0°-40°C (32°-104°F)
Weight:	8.14kg 18lbs
Dimensions:	L279mm x H296mm x W253mm L10.9" x H11.6" x W9.9"
Environment:	Indoor / Outdoor
Features:	Temperature compensation, Dynamic power-boost, Auto-white, Auto-amber
Included Accessories:	Power Cord, 17°x46° Wallwash Diffuser, 32° Flood Diffuser
Also Available:	Charging Case (holds 4), Super Bolt

*CRI, Luminous Flux and Illuminance values represent typical values.

SpotMax™ Photometrics

Lux measurement at 4000K color temperature
Standard 13° beam angle



Light Spread	0.228m	0.456m	0.684m	0.911m	1.14m
Coverage Area	0.04m ²	0.16m ²	0.36m ²	0.65m ²	1.02m ²
Lux	34,400	10,370	4,700	2,760	1,810