

LIGHTDROP™

product sheet



Suitable Controllers



Powerful and compact wireless light

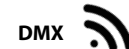
Lightdrop™

AX3

The Lightdrop™ has undergone an X-Series makeover. This is an easy to use, RGBW wireless puck spotlight has a magnetic underside so it can be attached to walls or under tables, or hung from ceilings by its bracket, and it can be used as an angled spotlight as in the image above.

15W LED Power	up to 15 Hours of Operation	50,000 Hours LED Life	13° Beam Angle
1,450 Lux at 2m	IP65 Water Proof	300m Range	RGBW CREE LED
TruColor Calibration	IR + RF Controllable	Wireless DMX Controllable	Dome Diffusor Optional

- RGBW CREE LED Chip
- TruColor™ Calibration
- Dynamic Power-boost
- Temperature Compensation
- IP65 Waterproof
- Long-life SAMSUNG Battery
- Extremely high luminous power
- Twice as bright as the AL3-M!



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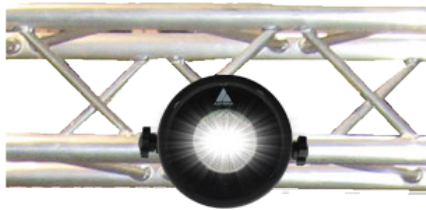


TruColor™ Calibration

The Lightdrop™ has achieved 100% color consistency through any batch. It can hit exact color temperatures and reproduce any LEE filter. The dynamic power-boost feature means the light is able to display the maximum brightness at all times (to achieve a set runtime) and intensify non-white colors.

Quality Branded Components

The Lightdrop™ is able to achieve such natural colors and immense brightness due to using the world's best technological components. Included in this are long-life SAMSUNG batteries, high luminous Cree LEDs, and precision cut 13° lenses from optical specialist, Khatod.



Bracket for attaching to truss or other structures (clamp needed).



Detachable hooks for hanging



Underside magnet for attaching to table legs etc.

Mounting Options

The Lightdrop™ can be mounted in various ways. It has a bracket to be attached to truss and related structures. It also has a magnet on its underside, so it can be attached to metallic surfaces like under tables, as down lights etc. The Lightdrop™ can also be hung using the included hooks that can be attached to its underside.



Diffuser Dome for 270° illumination inside objects



Adjustable tilt thread for wallwashing



Bracket to be used as adjustable stand for angled illumination

Other Uses

The Lightdrop™ is able to fit inside translucent, light up furniture, with a diffuser dome (sold separately) it emits an even amount of light to each side of the object. It can also be used as an angled spotlight by adjusting its bracket to the desired angle. As well as this, it can be used as a mini wallwasher by using the wallwash lens (not included) and adjusting the 13° tilt thread to produce a slight incline towards the wall.



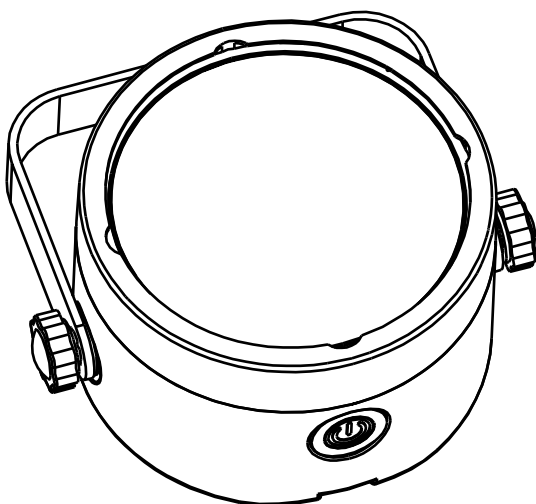
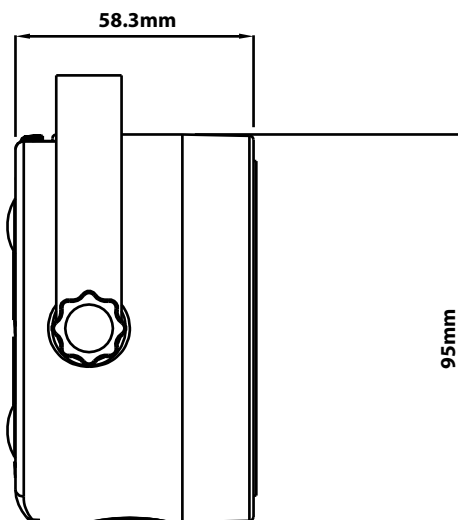
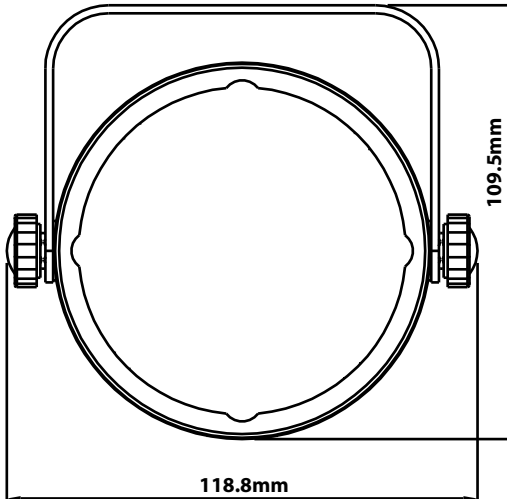
Diffusors Sheets

The Lightdrop™ also has diffuser sheets, so in addition to its standard 13° beam angle, it also has a 30° flood effect, and a 120° sheet for inside objects.

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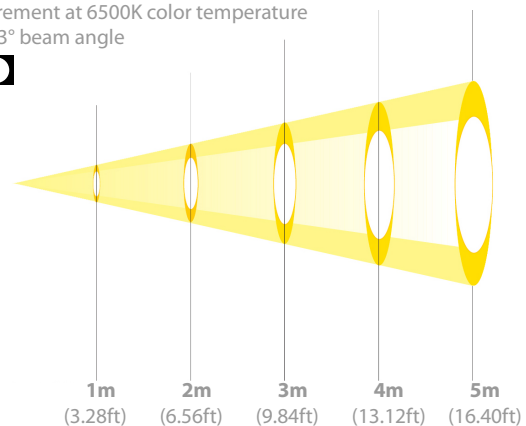
Technical Specification

The Lightdrop™ is the brightest and compact spotlight for its size.

Item Codes:	AX3 AX3-CRMX (includes Lumen Radio CRMX)
Total LED Power:	15W (1 x RGBW CREE LED Chip)
Luminous Flux:	850 lm on White 6500K
<i>typical values</i>	
Illuminance:	760 lx at 2m
<i>typical values at 6500K</i>	350 lx at 3m
Strobe:	0-25Hz
Beam Angle:	13° (achieved through Khatod lens)
Battery:	Built-in Samsung battery
Battery Lifetime:	70% capacity (after 300 charging cycles)
Operation:	5-15 hours
LED Lifetime:	50,000 hours
Charging Time:	5-20 hours (depending on ambient temp)
Working Voltage:	Input 110-240V, 50/60Hz
Input Current:	2.5A at 5V
Wireless Module:	868MHz receiver (US: 902-928MHz) 2.4GHz wireless module
Range:	300m (330yds)
DMX Interface:	Wireless DMX (with ART3 Transmitter)
Optional DMX Interface:	CRMX Wireless DMX from Lumen Radio also supports W-DMX
Housing:	Polyamide / Polystyrene (heat conductive)
IP Rating:	IP65
Relative Humidity:	0-100% (non-condensing)
Operating Temperature:	0°-40°C (32°-104°F)
Weight:	0.430kg (0.9lbs)
Dimensions:	L119mm x H59mm x W110mm L5.1" x H2.3" x W4.3"
Environment:	Indoor / Outdoor
Features:	TruColor™ Calibration, Temperature compensation, Dynamic power-boost
Included Accessories:	Charger, 30° Flood & 120° Diffuser Sheet, Hooks, Bracket, Feet (x4), Rubber Plug
Also Available:	17°x46° Wallwash, Diffuser Dome, Clamp

Lightdrop™ Photometrics

Lux measurement at 6500K 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	3,000	764	353	--	--

Spread (m): The spread is the width of the light when it hits the flat surface.
Coverage Area (m²): The coverage area is the size of the circular area that the light illuminates on the flat surface.
Lux: is a measurement of the light intensity from a surface at any point.