



LUMINO B4

Designed with purpose. Built for Professionals

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LUMO B4

4X20W IP65-Rated RGBL Battery-Powered LED Par

The Lumo B4 is a compact and versatile IP65 battery uplight, equipped with 4x20W RGBL LEDs delivering over 3,100 lumens. Its native 13° beam and 25° field angle ensure precise yet soft coverage, with advanced color mixing powered by Lime-enhanced LEDs for vivid tones and calibrated whites. Full wireless operation via CRMX, Bluetooth, NFC, and app control makes setup effortless. With up to 4 hours runtime at full brightness and quick 4.5h recharge, it's ideal for events and rentals. The unit supports RDM, 6 DMX modes (up to 15ch), and features 360° tilt, thermal protection, and selectable dimmer curves. Despite its small 2.87Kg form, it's rugged with IP65/IK07 protection. Optional frost filter and barndoors available.

- 4 x 20W 4-in-1 RGBL LED Chips
- High Color Fidelity
- 3,150 Lumen Output
- Linear 16-bit Dimming w/ 4 Dimmer Curves
- 13° Beam Angle | 25° Field Angle
- Optional Magnetic diffuser Lens Attachment
- Virtual Color Gel Presets
- VISION APP CONTROL
- CRMX Wireless Control
- IR Remote Control
- Built-In Color & Fade FX
- Variable Color Temperature Control
- User Selectable Refresh Rates
- Up to 19 Hours Battery Operating Time w/ User Selectable Timeout
- Charging in ABS case or with stand alone charger
- Fanless Design, Silent Operation
- Self Standing Yoke Base w/ M10 Hole & Quarter Turn Locks

RGBL Color Mixing



LED 4X20W	 CRMX/W-DMX LUMENRADIO
 APP CNTRL	 IR REMOTE
 NFC	 BLUETOOTH
 Anti theft	 DMX/RDM
 IP65	 LITHIUM BATTERY



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4X20W IP65-Rated RGBL Battery multi function uplight

SPECIFICATION SHEET

OPTICAL PARAMETERS

Source:	4 x 20W 4-in-1 RGBL LED
Lumens:	3,150
Source Life Expectancy:	50,000 Hours
Beam Angle:	13°
Field Angle:	25°
TM-30/CRI/TLCI:	RA>95 / TLCI>95
Optional Magnet diffuser:	45° / 60° / 90° / 60X10°
Selectable PWM:	600, 1,200, 2,000, 2,400, 6,000, 18,000, 25,000 Hz

DYNAMIC EFFECTS

Dimming Resolution:	16-bit Dimming
Dimmer Curves:	4
Stand-Alone Mode:	Selection of Static Color & Record user mode
Built-in Automated Programs:	Yes
Sound Active Mode:	Yes
Master/Slave Mode:	Yes, CRMX, W-DMX or APP
Shutter/Strobe:	1 – 20 Hz

PHYSICAL

Ingress Protection Rating:	IP65/IK07 outdoor/wet
Cooling:	Convective Heatsink - Fanless design
Tilt Range:	±360° tilt
Bracket:	Reinforced one-piece self-standing bracket
Mounting Points:	M10 mounting hole + quarter-turn locks + rear bracket
Material:	High corrosion resistance 5052 die cast aluminum
Dimensions (WxHxD)mm:	177 x 187 x 160
Weight:	2.87kg
Signal connection:	Only Wireless
Power connection:	DC022B Plug

ELECTRICAL

Power Supply:	100-240V – 50/60Hz
Max Power Consumption:	51W / 0.22A @ 230V
Power factor:	>0.96
Battery Capacity:	14.8V DC - 10 ah
Charge time:	~ 4.5 hours
Max run time:	~ 4 hours (Full ON – Boost mode) ~ 12 hours (Color Change – Boost mode) ~ 19 hours (Color Change – Low mode)

COLOR SYSTEM

Color Mixing:	RGBL
Color Temperature Control:	2,800 – 8,000K
Color Wheel:	Virtual Gel Swatchbook
Macros:	Built-In Color Scroll/Fade with Speed Adjustment

CONTROL

Protocols:	CRMX, W-DMX, Vision APP control IR Remote
DMX channels:	2 / HSV / 5 / 8 / 11 / 15(16bit on all colors) CH
Wireless:	W-DMX / LumenRadio CRMX
Display:	LCD w/ buttons & easy color acces
LED Color Calibration:	Yes

Stand-Alone, Master/Slave, Sound Active Modes

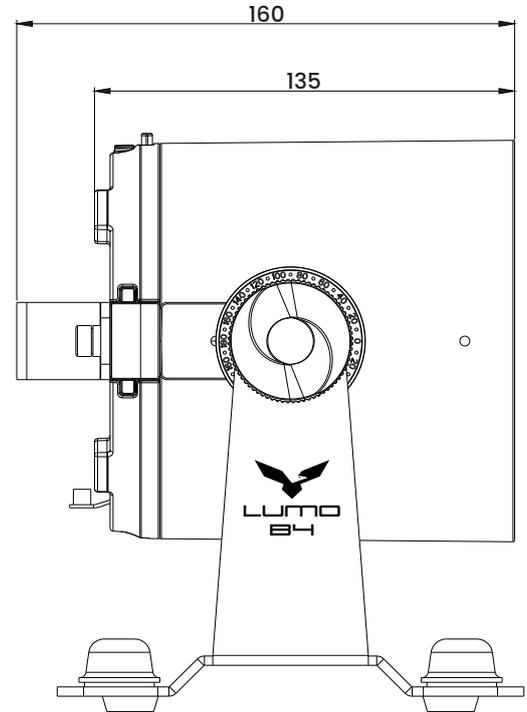
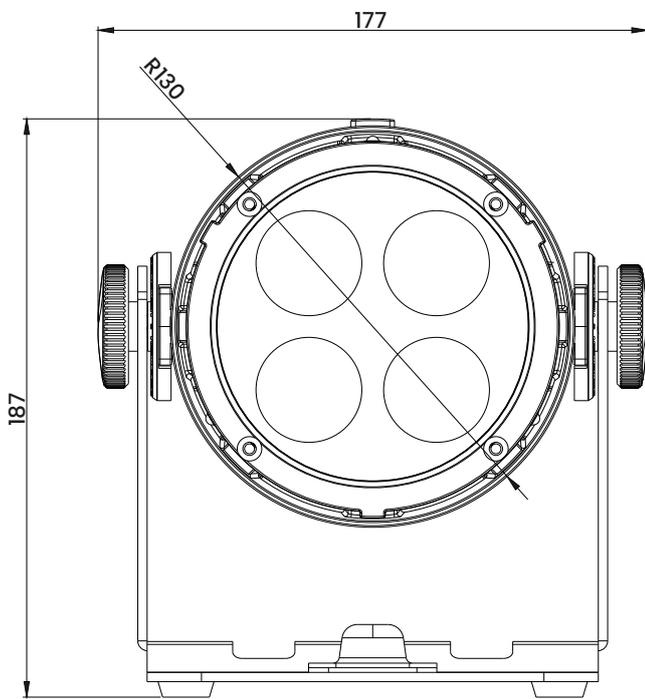




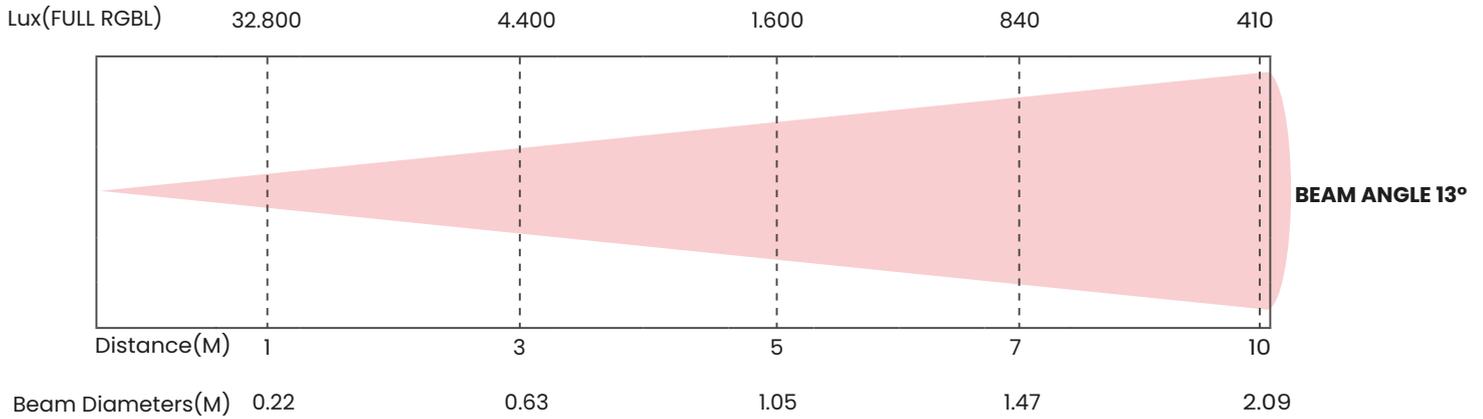
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SIZE



PHOTOMETRIC





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ACCESSORIES

ACCESSORIES DESIGNED FOR YOUR WORKFLOW



LUMO B4 can be configured with a range of purpose-built accessories, allowing you to adapt the fixture to different setups and working environments. Optional diffusers, barndoors, mounting solutions, and charging accessories make it easy to shape the output, control spill light, and optimize deployment – whether for events, rentals, or fixed installations. All accessories are designed to integrate seamlessly with LUMO B4, maintaining its IP65 rating and ensuring reliable performance in professional use.





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DECORATIVE TUBES – 15 / 50 / 100 CM



The decorative tubes are designed to transform LUMO fixtures into elegant vertical light elements, providing uniform and diffused illumination across the entire surface. Manufactured from high-quality white material, the tubes ensure smooth light dispersion while maintaining strong brightness and consistent color output.

Easily mounted directly onto the fixture, they expand creative possibilities for both indoor and outdoor applications. The tubes are ideal for decorative lighting in events, installations, lounges, pathways, and architectural environments, where they can be used to create subtle accents or bold visual statements. Available in three lengths – 15 cm, 50 cm, and 100 cm – they allow flexible design choices to match different setups and spatial requirements.



PART DESCRIPTION & PART NUMBER:

LUMO B4 DECO TUBE 15CM	700114-15
LUMO B4 DECO TUBE 50CM	700114-50
LUMO B4 DECO TUBE 100CM	700114-100



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DECORATIVE COVERS – WHITE, MIRROR, BLACK & CUSTOM



The decorative covers are designed to fit LUMO fixtures precisely, allowing you to personalize the appearance without affecting functionality or performance. A secure mounting system ensures quick installation and stable attachment, even when the fixture is used in suspended or hanging configurations.

The white cover is ideal for weddings, ceremonies, and events where a clean and elegant look is required, seamlessly blending into bright or minimalist environments. The mirror cover is designed for outdoor applications, allowing the fixture to visually blend into its surroundings thanks to its reflective surface. For more neutral or technical setups, the covers are also available in black, and custom colors can be supplied on request, making it easy to match specific branding or design requirements.



PART DESCRIPTION & PART NUMBER:

LUMO B4 DECO COVER MIRROR 700117-MIRROR

LUMO B4 DECO COVER WHITE 700117-WHITE

LUMO B4 DECO COVER BLACK 700117-BLACK



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MAGNETIC FROST FILTERS – 45° / 60° / 90° / 60×10°



The magnetic frost filters provide flexible beam control for LUMO fixtures, allowing quick adaptation to different lighting applications. Strong integrated magnets ensure accurate positioning and a secure fit every time.

The 45°, 60°, and 90° frost filters soften the beam and create wider, diffused coverage, while the 60×10° linear frost filter is designed for directional output such as wall washing or architectural accents. All frost filters are available as optional accessories and integrate seamlessly with the fixture.



PART DESCRIPTION & PART NUMBER:

LUMO B4 MAGDIFF 45°	700113-45
LUMO B4 MAGDIFF 60°	700113-60
LUMO B4 MAGDIFF 90°	700113-90
LUMO B4 MAGDIFF 60x10°	700113-6010



LUMO B4

4X20W IP65-Rated RGBL Battery multi function upright

ABS CHARGING CASE

PROFESSIONAL ABS CHARGING CASE (6× UNITS)



This high-quality ABS charging trolley case is designed for safe transport, organized storage, and efficient charging of up to 6 LUMO B4 fixtures. It offers dedicated space for essential accessories such as power cables and mounting hardware (excluding tubes and covers).

The durable ABS construction provides reliable protection, while the integrated trolley system with retractable handle and rear wheels ensures easy mobility between venues. Designed for professional workflows, the case allows simultaneous charging of all units, making it an ideal solution for event production and rental applications.



PART DESCRIPTION & PART NUMBER:

LUMO B4 ABS CHARGING CASE 700116