

LUMO B4

Wireless RGBL battery uplight

LUMO B4 brings rich RGBL colour and adjustable white light to events, venues and rental setups without signal cables. Set the look with the Vision Control app or integrate it into a lighting rig through LumenRadio CRMX. Battery operation, IP65 protection and silent, fanless cooling keep placement flexible. Battery management monitors operation continuously, while AC Failure, Cut-Off and Battery Off functions support flexible use with an external power supply. The four 20 W RGBL sources combine a compact 13° beam with a 25° field angle. White settings span 1800-12000 K, while the battery management and Smart Power functions support the selected operating mode. Decorative tubes, interchangeable covers and charging-case options let the same fixture serve several different event applications.



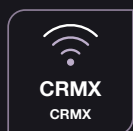
PRODUCT DETAIL

CONTROL & CREATIVE OPTIONS

16-bit; DMX modes: 2 / HSV / 5 / 8 / 12 / 16.

INSTALLATION & CONNECTION

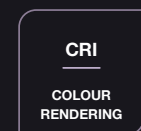
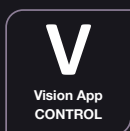
M10 mounting hole / quarter-turn locks / rear bracket; DC022B; Wireless only



3,150 lm
LIGHT OUTPUT



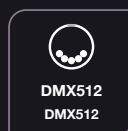
51 W
MAX. POWER



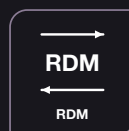
2.87 kg
WEIGHT



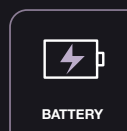
13° / 25°
OPTICS



IP65
IP RATING



1800-12000 K
WHITE RANGE



LUMO SERIES / EXTENDED SPECIFICATION

Technical specifications

Optics, effects, control, electrical and physical details.

OPTICS

LED source	4 × 20 W RGBL
Luminous output	3,150 lm
Beam / field angle	13° / 25°
Colour temperature	1800-12000 K
Colour rendering	CRI 90
RDM	Via Vision Control
Charger supply	100-240 V · 50/60 Hz
Direct mains input	No · charger required
LED lifetime	50,000 h (manual)
Optional magnetic diffusers	45° / 60° / 90° / 60 × 10°
TLCI	>90 (manual)
Lens material	PE
Per-colour luminous flux	R 365 / G 1130 / B 220 / Lime 1477 lm (power mode not stated)

EFFECTS

Dimming	16-bit
Dimmer curves	4
Strobe	1-20 Hz
Virtual colour system	Virtual Gel Swatchbook

CONTROL

Wireless	LumenRadio CRMXchip / W-DMX
Other control	Vision Control app / IR remote
DMX modes	2 / HSV / 5 / 8 / 12 / 16
Signal connection	Wireless only
Tilt	±360°
PWM / refresh	600 / 1200 / 2000 / 2400 / 6000 / 18000 / 25000 Hz
Local control	LCD display; MENU / UP / DOWN / ENTER
Operation modes	DMX / Vision Control / Manual / Auto / Custom

CONTROL

LED colour calibration	Supported
DMX signal loss	Blackout / DMX Hold
Wireless receiver	On / Off; release previous link
Sound-active mode	Yes
Master-slave modes	CRMX / W-DMX / app
User program recording	Static colour / recorded user mode
Vision Control workflow	Scenes / groups / colour / intensity / dynamic effects from phone or tablet
LINK-HUB integration	Optional gateway for extended Vision Control coverage and DMX integration
App runtime display	Remaining runtime updates with the active colour, intensity and effects

ELECTRICAL

Colour change · boost	9 h (Auto 1, speed 15 · Boost)
Colour change · high	19 h (Auto 1, speed 15 · High)
Battery	14.8 V / 10 Ah lithium
Full-output runtime · boost	4 h
Charging time	Approx. 4.5 h
Charging input	DC022B
Full-output runtime · high	5 h
Battery management	Intelligent Power Management / continuous battery monitoring
Smart power	Automatic battery backup / charge-cycle protection / external-power operation
AC Failure	Continues on battery if the external power supply fails
Battery Cut-Off	Manages charging cycles while externally powered
Battery Off	External-power operation with battery disconnected

Technical specifications

Additional product data, operation and configuration.

ELECTRICAL

Lower power modes	Available · no runtime measurements supplied
Power modes	Boost / High / Medium / Low; selectable 2-24 h settings
Maximum power	51 W / 0.22 A @ 230 V (manual)
Power factor	>0.96 (manual)
Charging options	Single charger / 6-unit ABS charging case / 8-unit charger
Thermal protection	Integrated; adjustable maximum temperature setting
DC supply	18 V DC / 5 A (adapter rating)
Protection	Short-circuit / overcurrent / overvoltage
Standby power	1 W
DC connector dimensions	5.5 × 2.1 mm / nut-lock DC022B

PHYSICAL

Cooling	Passive / fanless
Protection	IP65 / IK07
Dimensions · W × H × D	177 × 187 × 160 mm
Weight	2.87 kg
Housing	5052 aluminium (manual)
Mounting	M10 mounting hole / quarter-turn locks / rear bracket
Bracket	Reinforced one-piece self-standing yoke
Optional accessories	Magnetic frost filters / barndoors / decorative tubes and covers
Tilt range	±360° (source notation)
Power plug	DC022B
Finish	Black · RAL 9004
Safety attachment	1 safety-wire connection point
Orientation	Hanging / wall / floor; any orientation

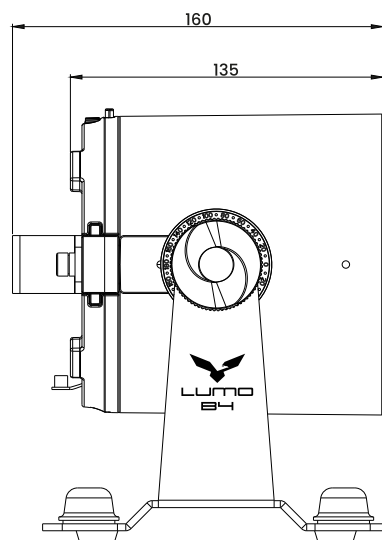
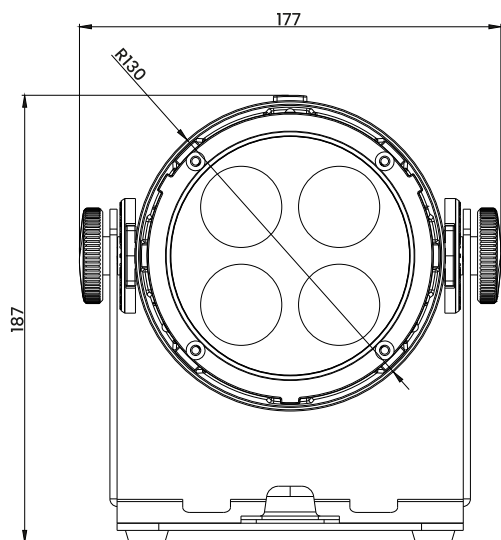
ACCESSORIES

Deco tube · 15 cm	700114-15
Deco tube · 50 cm	700114-50
Deco tube · 100 cm	700114-100
Deco cover · mirror	700117-MIRROR
Deco cover · white	700117-WHITE
Deco cover · black	700117-BLACK
Deco cover · custom colour	Available on request
Magnetic frost · 45°	700113-45
Magnetic frost · 60°	700113-60
Magnetic frost · 90°	700113-90
Magnetic frost · 60 × 10°	700113-6010
ABS charging case · 6 units	700116
Charging-case accessory storage	Power cables / mounting hardware; tubes and covers excluded
ABS case construction	Durable ABS trolley / retractable handle / rear wheels
ABS case charging	Simultaneous charging of 6 fixtures
Deco tube material	White light-diffusing material
Deco cover mounting	Secure quick mounting; suitable for hanging installations
Optional coupler	Self-lock coupler for truss installation
Optional decorative sphere	Diffusing sphere for decorative and ambient lighting

LUMO SERIES / EXTENDED SPECIFICATION

Dimensions & photometry

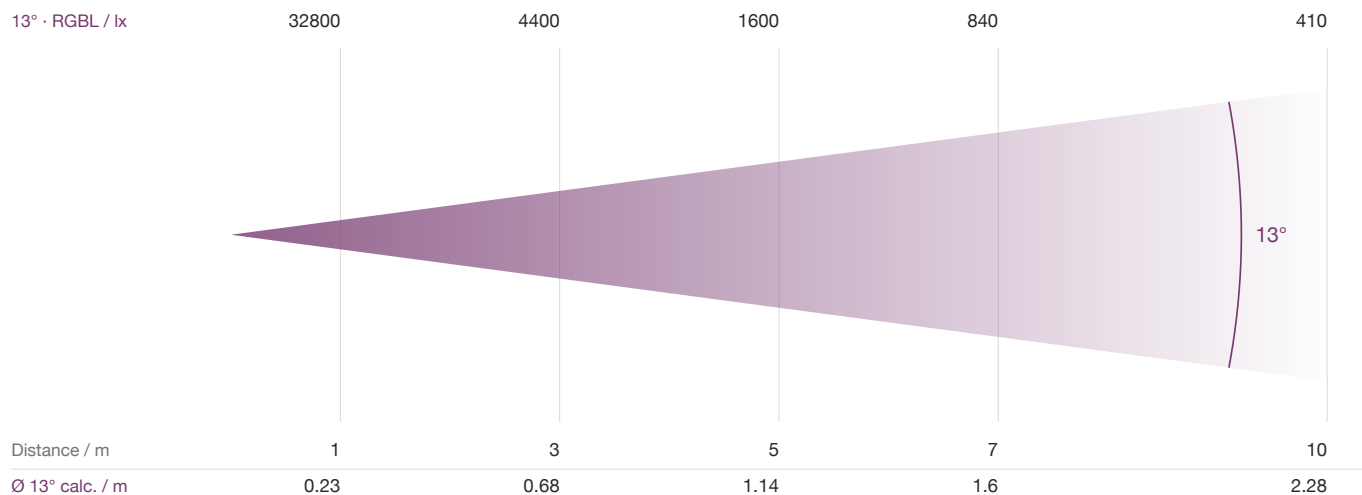
Numbered dimensions in mm; photometry under the stated measurement conditions.



Dimensions: 177 × 187 × 160 mm

PHOTOMETRIC

13° · RGBL / lx



Schematic beam · visual width independent of measured angle

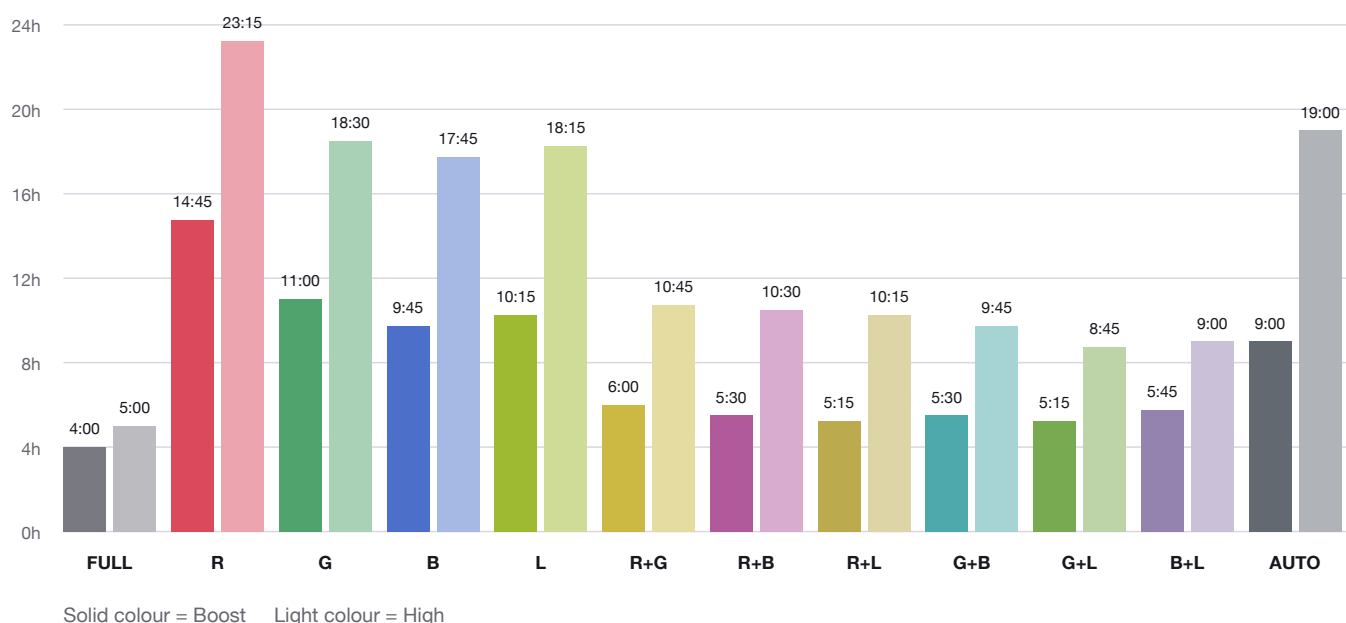
LUMO SERIES / EXTENDED SPECIFICATION

Battery runtime & power

Choose the output and operating time that fit your event.

Compare Boost and High across full output, single colours and mixed colours. Vision Control updates the remaining runtime as colour, intensity and effects change.

RUNTIME / HOURS:MINUTES



AUTO: Auto 1, speed 15.

Approximate hours:minutes, rounded to the nearest 15 minutes. Actual runtime depends on settings and battery condition.

INTELLIGENT POWER MANAGEMENT

Continuous battery monitoring supports stable output and efficient energy use. Select the available power or runtime setting for your installation.

BATTERY BACKUP

AC Failure automatically continues on battery when external power is interrupted.

CHARGE PROTECTION

Cut-Off manages charging during extended external-power use, reducing repeated charge/discharge cycles.

EXTERNAL POWER

Battery Off allows operation from the external supply with the battery disconnected. The fixture starts when power is detected.

LUMO SERIES / EXTENDED SPECIFICATION

Photometry / colour

Measured output by LED colour and power mode / 13° optics.

Boost and High output with 13° optics. Beam diameters are calculated at each measurement distance.

RED

13° · Boost / lx

526

131

13° · High / lx

283

70

Distance / m

5

10

Ø 13° calc. / m

1.14

2.28

GREEN

13° · Boost / lx

746

186

13° · High / lx

448

112

Distance / m

5

10

Ø 13° calc. / m

1.14

2.28

BLUE

13° · Boost / lx

135

33

13° · High / lx

81

20

Distance / m

5

10

Ø 13° calc. / m

1.14

2.28

LIME

13° · Boost / lx

817

204

13° · High / lx

487

124

Distance / m

5

10

Ø 13° calc. / m

1.14

2.28

WHITE / ALL COLOURS

13° · Boost / lx

1985

496

13° · High / lx

1244

310

Distance / m

5

10

Ø 13° calc. / m

1.14

2.28

LUMO SERIES / EXTENDED SPECIFICATION

Vision Control

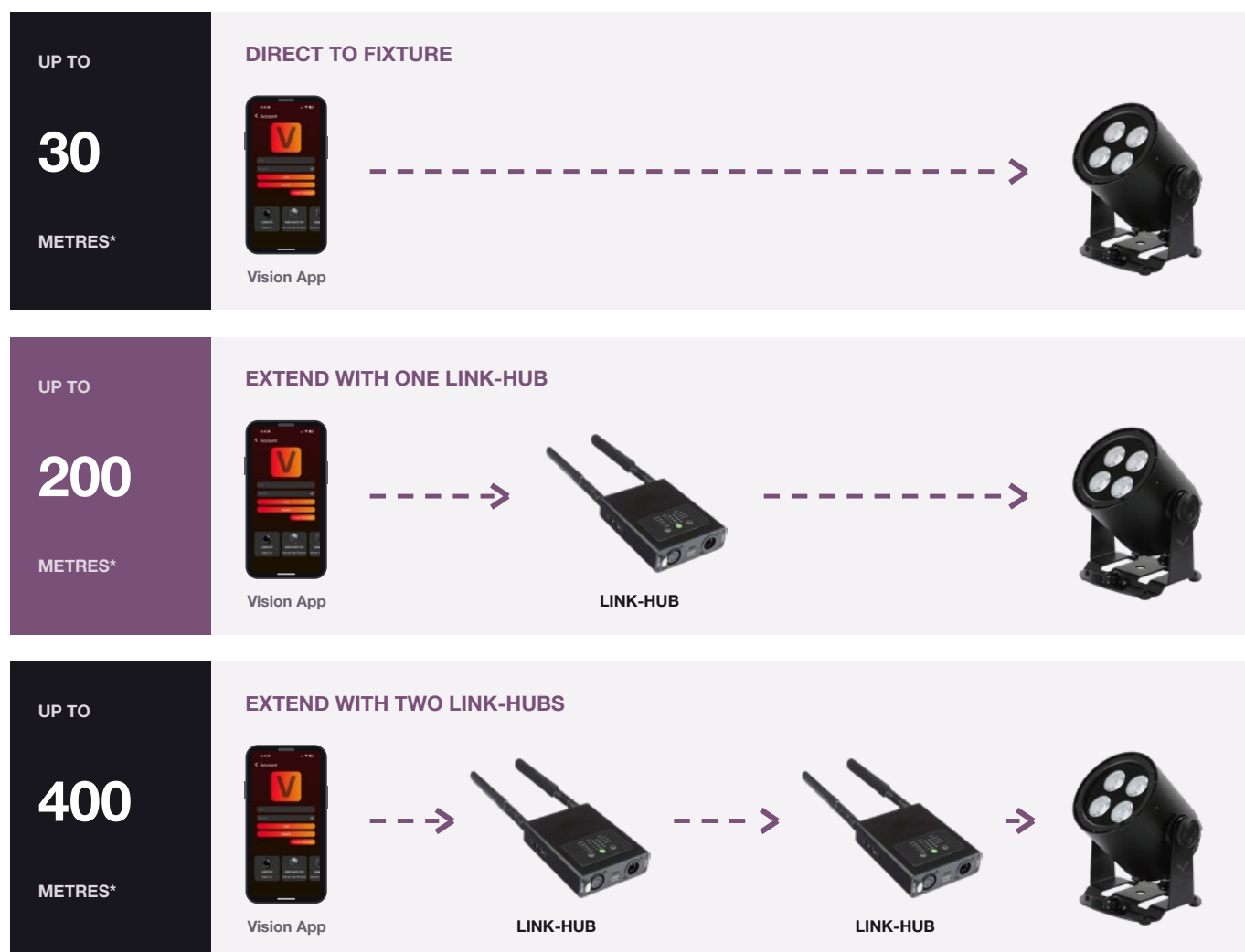
One app. Flexible connections. More room to create.



YOUR LIGHT. FROM WHERE YOU ARE.

Adjust colour and intensity, recall scenes, organise groups and run dynamic effects from your phone or tablet.

Monitor battery status and remaining runtime on compatible LUMO fixtures.



*Open-field range with clear line of sight. Actual coverage depends on model, mobile device, antenna orientation, obstacles and radio interference.

LUMO SERIES / EXTENDED SPECIFICATION

Accessories & installation

Product-specific options, mounting and supporting product views.

ACCESSORIES & INCLUDED HARDWARE



BARNDOORS



DECORATIVE TUBES



MIRROR COVER



WHITE COVER



BLACK COVER



6-UNIT ABS CHARGING CASE



ANTI-GLARE BARNDOOR
Half shield / optional

Mounting	M10 mounting hole / quarter-turn locks / rear bracket
Bracket	Reinforced one-piece self-standing yoke
Optional accessories	Magnetic frost filters / barndoors / decorative tubes and covers
ABS charging case · 6 units	700116
Charging-case accessory storage	Power cables / mounting hardware; tubes and covers excluded
ABS case construction	Durable ABS trolley / retractable handle / rear wheels
ABS case charging	Simultaneous charging of 6 fixtures
Deco cover mounting	Secure quick mounting; suitable for hanging installations



LUMO SERIES / EXTENDED SPECIFICATION

Accessories & configurations

Original accessory images; product-specific mounting, optical and decorative options.

**MIRROR COVER**

700117-MIRROR

**WHITE COVER**

700117-WHITE

**BLACK COVER**

700117-BLACK

**DECO TUBES**

15 / 50 / 100 cm

**MAGNETIC FROST**

45° / 60° / 90° / 60 x 10°

**MODULAR ACCESSORIES**

Covers / tubes / frost filters

**SELF-LOCK COUPLER**

Optional truss mounting

**DECORATIVE SPHERE**

Soft, diffused ambient light

Decorative tubes: 15 / 50 / 100 cm. Covers: mirror / white / black. Magnetic diffusers fit directly to the fixture for quick changes.

LUMO SERIES / EXTENDED SPECIFICATION

Charging & transport

Dedicated charging cases keep fixtures, power distribution and mounting accessories together.



Case	ABS charging trolley / 6 fixtures
Charging	Simultaneous charging of all six fixtures
Mobility	Retractable handle / rear wheels
Storage	Power cables and mounting hardware; tubes and covers excluded
Part number	700116

