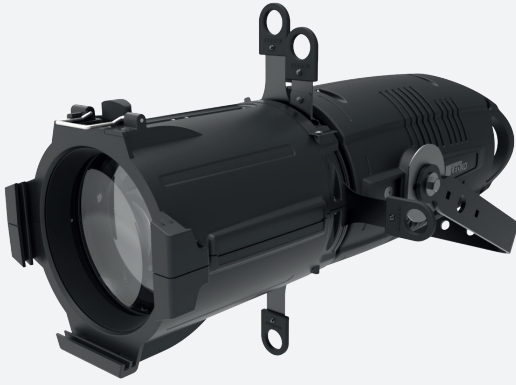


LEDko FullSpectrum 6 HD Studio +

Product code:
F114Q000A

Last update:
19/09/2022



LEDko FullSpectrum 6 HD Studio +
with Profile Zoom 28°-40° Optic



LEDko FullSpectrum 6 HD Studio +
Rear Panel with the new OLED Display

LEDko with 28°-40° optic

Introducing

● Designed with HD electronic and a new OLED display, this spot profile projector is the evolution of the FS6 HD. The HD + electronic with advanced LED controller enables a smooth dimming and it offers a higher luminous efficiency, with a color rendering index of the white range greater than 95. Very quick setup of the functions thanks to the potentiometer knob

Key Features

- Red, Green, Blue, Cyan, Lime, Amber light source, 20 bit color mixing
- High CRI>95
- CCT from 2.700 K to 10.000 K (through DMX Chart) or up to 20.000 K (through Display)
- High lumen flux and flat field
- Swappable lens tubes between 5–90°
- Soft profiling thanks to Fresnel and PC optics (Coemar patent)
- Four blade framing system, each shutter blade is adjustable for radial position and angle
- 360° rotation of lens and framing system
- Body in flame-retardant thermoplastic engineering polymers
- Black, custom color on request (optional)
- Manual (standard) or Pole Operated Pan-Tilt (Optional)
- European Conformity certification

General

● LED Source	RGBCLA COB LED (Red, Green, Blue, Cyan, Lime, Amber)
● CCT Range	●●●●● 2.700K → 20.000 K
● Color Rendition Average	CRI > 95, TLCI > 95
● Dimming	Smooth 100% to 0%, 5 Selectable Curves - Exponential, Logarithmic, Linear, Halo and Standard
● Strobe	Electronic strobe, synchronized, random, pulse effect
● Available Optics	Swappable lens tubes between 5-90°
● Camera flicker control/Hz range	Yes: 20.000 Hz
● Calibrated Cob	Yes
● Electronics Type	HD (20 KHz Refresh Rate)
● L80 Rating (hours to 80% output)	50.000 Hours
● Pattern projection	Yes
● Pattern size	A or B

Electrical

● Voltage Input	80-264V, 50-60 Hz, Auto-sensing
● Power Consumption	220W Maximum - 1.06A at 230V, 2.13A at 115V - cosφ: 0.9
● Power Connection	In and Out PowerCON TRUE1 connectors to feed up to 8 (at 230V) or 4 (at 115V) fixtures
● Data Connection	In and Out DMX 5 pin locking XLR connectors

Thermal

● Ambient Operating Temperature	0°C - +40°C (32°F - 104°F)
● Cooling	Ultra-quiet cooling fan, controllable with 4 options: SILENT, STUDIO, AUTO, DMX regulated

Control

● Control Variants	USITT DMX512A, RDM (Remote Device Management), Wireless (Optional By LumenRadio)
● RDM	DMX Setup, Fixture Status, RDM Commands (only DMX version)
● DMX Channels	1 / 7 / 16 / Studio / RGB / Fine RGB / Sunrise Mode
● Display	Graphic OLED
● Software upload	Through DMX input (With RDM interface code AC10011A001)

Physical

● Yoke	Manual (standard) or Pole Operated Pan-Tilt (Optional)
● Materials	Flame-retardant thermoplastic engineering polymers
● Framing System	Four stainless steel shutter blades in a two-plane assembly, 0.40mm (AISI 316)
● High-impact Resistant	Thermally insulated knobs and shutter handles
● Weight	Body: 6 Kg/13.2 lbs - With 28°-40° Optic: 8.5 Kg/18.7 lbs
● Length	Body: 362 mm/14.2 in - With 28°-40° Optic: 601 mm/14.2 in
● Height	189 mm/7.4 in - With bracket: 372 mm/14.6 in
● Width	212 mm/14.2 in
● IP Rating	IP20 (available IP65 LEDko Ext Series)
● Color options	Black, custom color on request (optional)
● Included accessories	1.5 m power cable with PowerCON TRUE1 and bare ends, gobo holder, front barrel

Optics

BC10011A017	Profile Zoom 15°-35°
BC10011A019	Profile Zoom 25°-50°
BC10011A003	Profile Zoom 28°-40°
BC10011A002	Soft Profile Fresnel Zoom 14°-40°
BC10011A001	Soft Profile PC Zoom 11°-38°
BC10011A000	Front Barrel with Burnished Blades
BC10011A042	Lens Tube Profile 10°
BC10011A023	Lens Tube Profile 14°
BC10011A012	Lens Tube Profile 19°
BC10011A013	Lens Tube Profile 26°
BC10011A015	Lens Tube Profile 36°
BC10011A016	Lens Tube Profile 50°
BC10011A024	Lens Tube Profile 70°

General accessories

ACO4202	4-Leaf Barndoor
BC10011A006	Magnetic Gobo Holder
BC10011A106	Metal Gobo Holder
BC10011A030	Gobo Holder for Glass Gobo
BC10011A010	Iris
BC10011A049	Gobo Holder for Iris Slot
BC10011A047	Hook Clamp, 48-51 mm (Max Load 20 Kg)
BC10011A045	Light Clamp Silver, 48-51 mm (Max 75 Kg)
BC10011A046	Light Clamp Black, 48-51 mm (Max 75 Kg)
BC10011A043	Clamp Silver Flat 13-30 mm/ø15-50 mm (Max 20 Kg)
BC10011A044	Clamp Black Flat 13-30 mm/ø15-50 mm (Max 20 Kg)
BC10011A100	Wireless Kit (LumenRadio)
BC10011A150	Pole Operated Yoke

Accessories for Profile Zoom 15°-35° and 25°-50°

BC10011A028	Donut (190.5 mm)
BC10011A027	Half Top Hat (190.5 mm)
BC10011A029	Top Hat (190.5 mm)
BC10011A040	Color Frame Holder (190.5 mm)

Accessories for Soft Profile Zoom (Fresnel, PC) and Profile Zoom 28°-40°

BC10011A036	Donut (185 mm)
BC10011A035	Half Top Hat (185 mm)
BC10011A037	Top Hat (185 mm)
ACO4204	Color Frame Holder (185 mm)

Accessories for Lens Tube

BC10011A032	Donut (159 mm)
BC10011A031	Half Top Hat (159 mm)
BC10011A033	Top Hat (159 mm)
BC10011A021	Color Frame Holder (159 mm)

16 Channels

01 → Master Dimmer

02 → Red

03 → Green

04 → Blue

05 → Cyan

06 → Lime

07 → Amber

08 → Strobe Effect

09 → Dimmer Fine

10 → Special Function

11 → Red Tone

12 → Green Tone

13 → Blue Tone

14 → White Tone

15 → Green Saturation

16 → Saturation

7 Channels

01 → Master Dimmer

02 → Red

03 → Green

04 → Blue

05 → Cyan

06 → Lime

07 → Amber

Studio Mode

01 → Master Dimmer

02 → White Tone

03 → Green Saturation

04 → Saturation

05 → Hue

06 → Dimmer Fine

07 → Special Function

1 Channel

01 → Master Dimmer - Color

Temperature Settable by Display

RGB Mode

01 → Master Dimmer

02 → Dimmer Fine

03 → Red

04 → Green

05 → Blue

06 → White Tone

07 → Saturation

08 → Strobe Effect

09 → Special Function

Fine RGB Mode

01 → Master Dimmer

02 → Dimmer Fine

03 → Red

04 → Red Fine

05 → Green

06 → Green Fine

07 → Blue

08 → Blue Fine

09 → White Tone

10 → Saturation

11 → Strobe

12 → Special Function

Sunrise Mode

01 → Master Dimmer

02 → Dimmer Fine

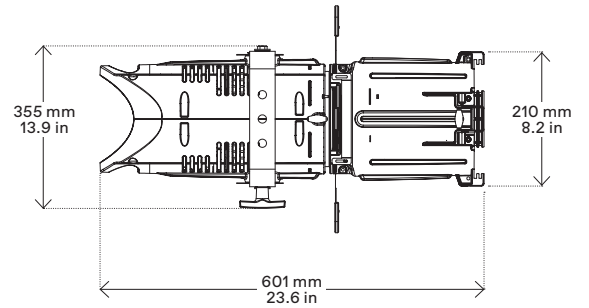
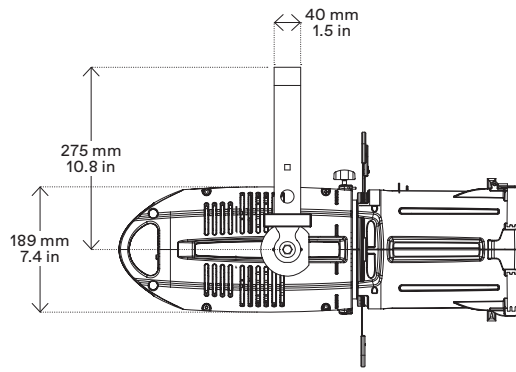
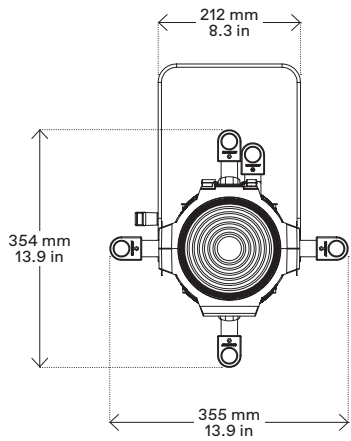
03 → Proportional CCT

04 → Step CCT

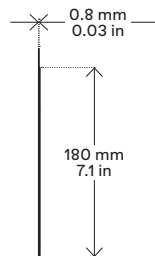
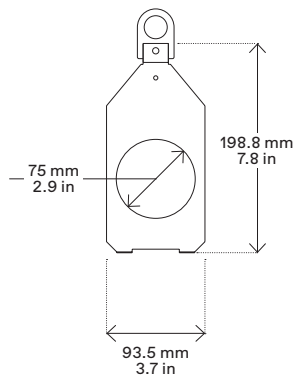
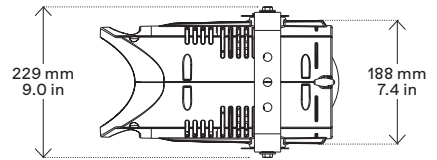
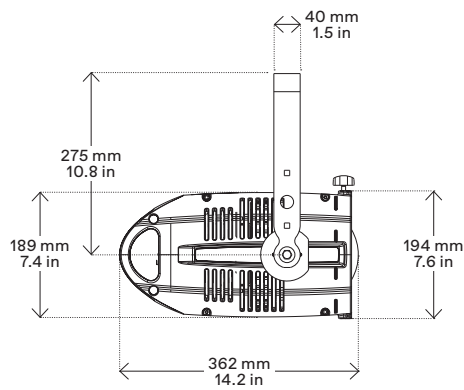
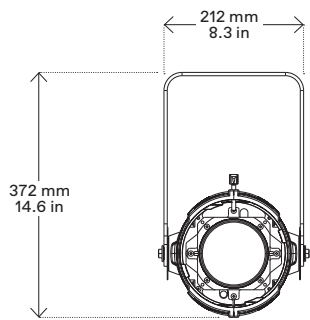
05 → Green Saturation

06 → Special Function

Drawing Size

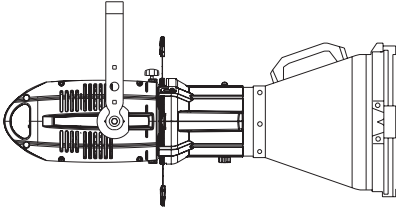


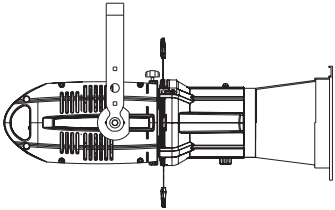
* with Profile Zoom 28°/40° optic

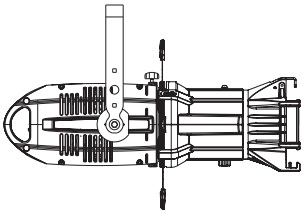


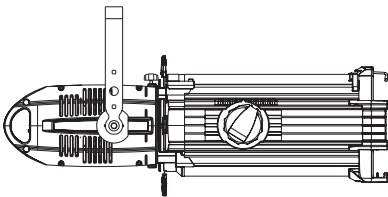
* Magnetic gobo holder (optional)

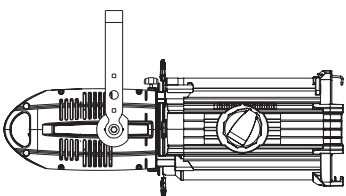
LEDko Optics dimensions and weight

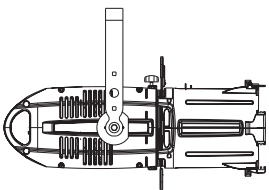
Product	Optics	Length	Weight
	Lens Tube Profile 10°	900 mm (35.4 in)	9 Kg (19.8 lbs)

Product	Optics	Length	Weight
	Lens Tube Profile 14°	750 mm (35.4 in)	9 Kg (19.8 lbs)
	Lens Tube Profile 70°	750 mm (35.4 in)	8.68 Kg (19.14 lbs)

Product	Optics	Length	Weight
	Lens Tube Profile 19°	670 mm (26.3 in)	9.15 Kg (20.17 lbs)
	Lens Tube Profile 26°	670 mm (26.3 in)	9.05 Kg (19.95 lbs)
	Lens Tube Profile 36°	670 mm (26.3 in)	9.35 Kg (20.60 lbs)
	Lens Tube Profile 50°	670 mm (26.3 in)	9.05 Kg (19.95 lbs)

Product	Optics	Length	Weight
	Profile Zoom 15°-35°	886 mm (34.9 in)	13.05 Kg (28.77 lbs)

Product	Optics	Length	Weight
	Profile Zoom 25°-50°	783 mm (30.8 in)	11.2 Kg (24.69 lbs)

Product	Optics	Length	Weight
	Profile Zoom 28°-40°	601 mm (23.7 in)	8.3 Kg (18.3 lbs)
	Soft Profile Fresnel Zoom 14°-40°	601 mm (23.7 in)	7.75 Kg (17.09 lbs)
	Soft Profile PC Zoom 11°-38°	601 mm (23.7 in)	8.25 Kg (18.19 lbs)

● Coemar Lighting S.r.l.

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