

LEDko FullSpectrum 6 Theater

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F118Q000A

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LEDko FullSpectrum 6 Theater with Profile Zoom 28°-40° Optic

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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
- Color mixing with hue and saturation control
- Green-Magenta adjustment
- 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
- Flame-retardant technopolymer reinforced with fiberglass
- Custom color on request (optional)
- Manual (standard) or Pole Operated Pan-Tilt (optional)

General	
● LED Source	RGBCLA COB LED (Red, Green, Blue, Cyan, Lime, Amber) - Color mixing with hue and saturation control
● CCT Range	●●●●●●●● 2.700 K → 20.000 K
● Color Rendition Average	CRI > 95, TLCI > 95
● Luminous flux	Lens Tube 14°: 5.644 lm (3.200 K), 6.476 lm (5.600 K) Lens Tube 19°: 4.391 lm (3.200 K), 4.928 lm (5.600 K) Lens Tube 26°: 4.654 lm (3.200 K), 5.429 lm (5.600 K) Lens Tube 36°: 4.668 lm (3.200 K), 5.981 lm (5.600 K) Lens Tube 50°: 5.714 lm (3.200 K), 6.707 lm (5.600 K)
● Green-Magenta adjustment	Continuously adjustable from full minus-green to full plus-green
● Dimming	8 or 16 bit, 5 selectable curves: Exponential, Logarithmic, Linear, Halo and Standard
● Dimming Smooth Selection	Fast, Slow and Very Slow
● 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
● L80 Rating (hours to 80% output)	50.000 Hours
● Pattern projection	Yes
● Pattern size	A or B
Electrical	
● Voltage Input	80-264 V, 50-60 Hz, Auto-sensing
● Power Consumption	220 W Maximum - 1.06 A at 230 V, 2.13 A at 115 V - cosφ: 0.9
● Power Connection	In and Out PowerCON TRUE1 Top connectors, 1.5 m (4.9 ft) PowerCon cable without power plug
● Data Connection	In and Out DMX 5 pin locking XLR connectors
Thermal	
● Ambient Operating Temperature	-10°C ~ +40°C (14°F ~ 104°F)
● Fan (controllable)	Yes, 4 different settings: Silent, Studio, Auto, DMX regulated
Control	
● Protocols	DMX-512, RDM (Remote Device Management), Wireless (optional by LumenRadio)
● RDM configuration	Yes
● DMX Channels	16 / 7 / 1 / Studio / RGB / Fine RGB / Sunrise Mode
● Display	Graphic OLED with on-board selector for quick setting
● Software upload	Through DMX input (With RDM interface code AC10011A001)
Physical	
● Yoke	Manual (standard) or Pole Operated Pan-Tilt (optional)
● Materials	Flame-retardant technopolymer reinforced with fiberglass
● Framing System	Four stainless steel shutter blades in a two-plane assembly, 0.40mm (AISI 316)
● Weight	Body: 6 Kg/13.2 lbs - With 28°-40° Optic: 8.5 Kg/18.7 lbs
● Weight with Front Barrel	7.2 Kg/ 15.9 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	355 mm / 13.97 in
● IP Rating	IP20 (available IP65 LEDko Ext Series)
● Color options	Black (standard), custom color on request (optional)
Included accessories	
GKIT17 (USA) / GKIT16 (EU) BC10011A106	1.5 m power cable with PowerCON TRUE1 Top and bare ends Metal Gobo Holder

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
BC10011A041	Lens Tube Profile 5°
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°
BC10011A025	Lens Tube Profile 90°

General accessories

BC10034A003	4-Leaf Barndoor for Zoom Fresnel optic
BC10011A006	Magnetic 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)



LEDko FullSpectrum 6 Theater Rear Panel with the new OLED Display



LEDko FullSpectrum 6 Theater with Pole Operated Yoke

LEDko FullSpectrum 6 Theater Pole Operated Yoke/Rear Panel

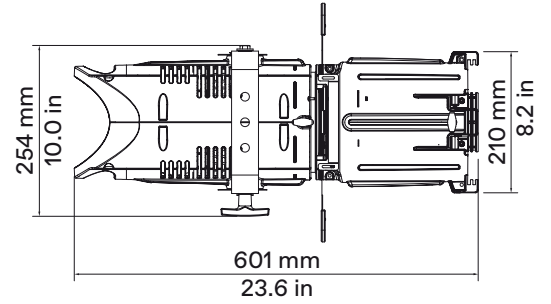
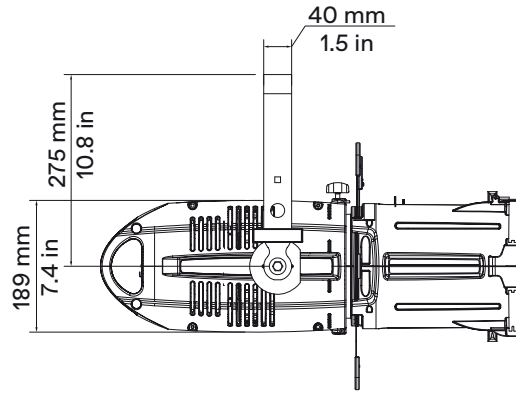
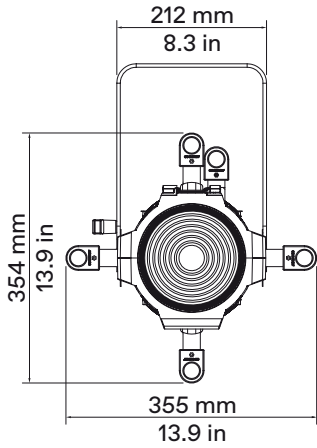
DMX Charts

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 Functions
11 → Red Tone
12 → Green Tone
13 → Blue Tone
14 → White Tone
15 → Green Saturation
16 → Saturation

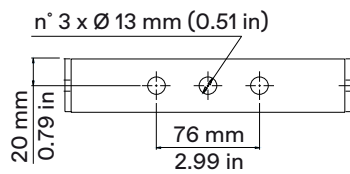
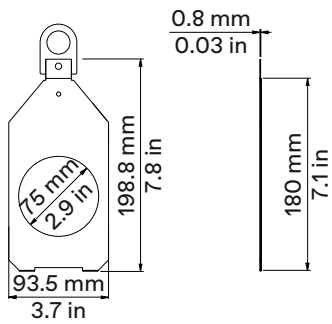
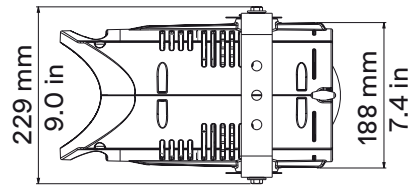
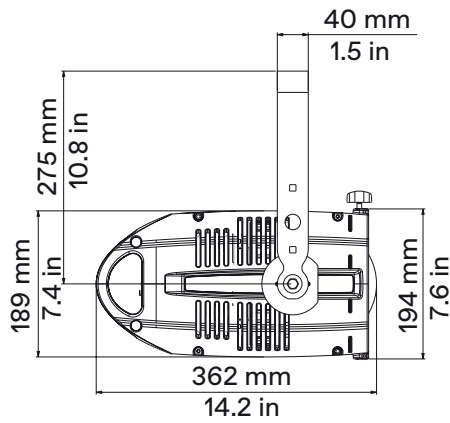
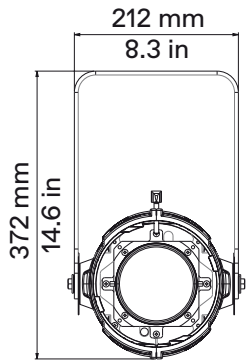
7 Channels
01 → Master Dimmer
02 → Red
03 → Green
04 → Blue
05 → Cyan
06 → Lime
07 → Amber
Studio Mode
01 → Master Dimmer
02 → White Tone
03 → Green Saturation
04 → Saturation
05 → Hue
06 → Dimmer Fine
07 → Special Functions

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 Functions

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 Functions
Sunrise Mode
01 → Master Dimmer
02 → Dimmer Fine
03 → Proportional CCT
04 → Step CCT
05 → Green Saturation
06 → Special Functions



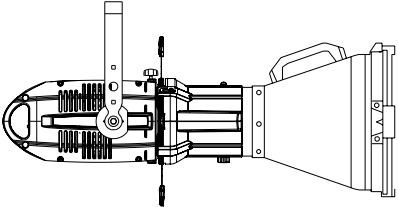
* with Profile Zoom 28°/40° optic

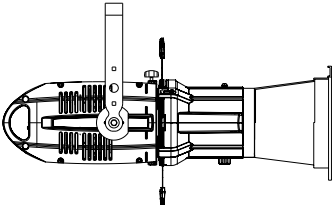


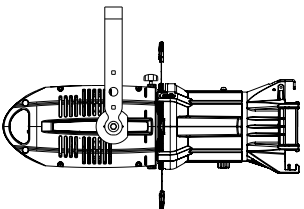
*Standard gobo holder

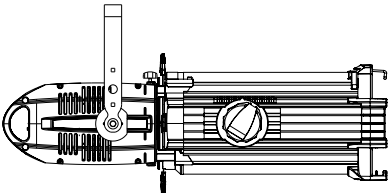
*Yoke

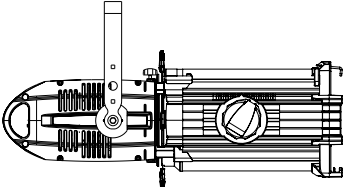
LEDko Optics dimensions and weight

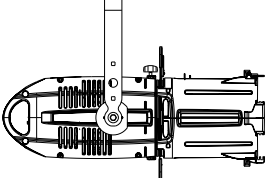
Product	Optics	Length	Weight
	Lens Tube Profile 10°	900 mm (35.4 in)	9 Kg (19.8 lbs)

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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Coemar reserves the right to change specifications without prior notice.

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