

LEDko VariWhite HD +

Product code:
F112G000A

Last update:
28/03/2023



LEDko VariWhite HD +
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 VariWhite Series 2 LEDko and the normal HD. The HD + electronic with advanced LED controller enables a smooth dimming and it offers and 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

- VariWhiteCOB LED
- CRI >95 (CRI > 95.9 @ 3.200 K - CRI > 96.5 @ 5.600 K)
TLCI ≥ 97.7
- CCT 2.700 K → 6.500 K
- High lumen flux and flat field
- Swappable lens tubes between 5° - 90°
- 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	VariWhite COB LED
● CCT Range	●●●●● 2.700 K → 6.500 K
● Color Rendition Average	CRI >95 (CRI > 95.9 @ 3.200 K - CRI > 96.5 @ 5.600 K) TLCI ≥ 97.7
● Dimming	8 or 16 bit, 5 selectable curves: Exponential, Logarithmic, Linear, 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 - 0.97 A at 230 V, 1.95 A at 115 V - cosφ: 0.98
● Power Connection	In and Out PowerCON TRUE1 Top connectors, 1.5 m (4.9 ft) PowerCon cable without power plugIn and Out
● Data Connection	In and Out DMX 5 pin locking XLR connectors

Thermal	
● Ambient Operating Temperature	0°C - +40°C (32°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	5 / 2 / 1
● Display	Graphic OLED with on-board selector for quick setting
● Software Upload	Through DMX with RDM Upgrade USB interface (code: AC10011A001)

Physical	
● Yoke	Manual (standard) or Pole Operate 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 / 13.23 lbs - With 28°-40° Optic: 8.5 Kg / 18.74 lbs
● Length	Body: 362 mm / 14.25 in - With 28°-40° Optic: 601 mm / 23.66 in
● Height	189 mm / 7.44 in - With bracket: 372 mm / 14.64 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 VariWhite HD + Rear Panel with the new OLED Display



LEDko VariWhite HD + with Pole Operated Yoke

LEDko VariWhite HD + Pole Operated Yoke/Rear Panel

DMX Charts

5 Channels

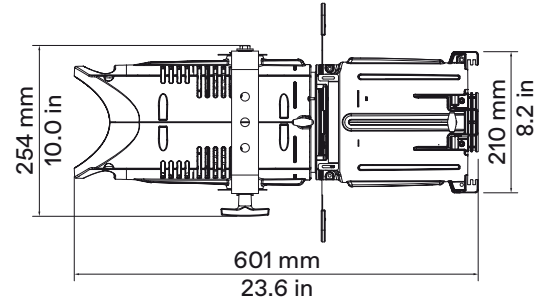
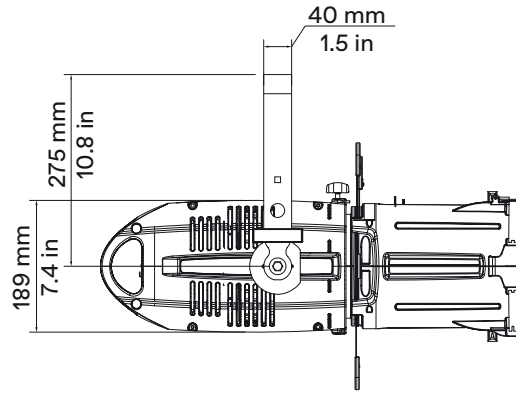
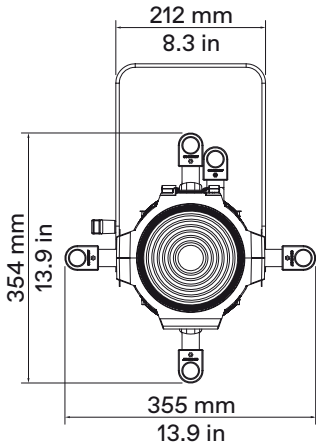
- 01 → Master Dimmer
- 02 → Dimmer Fine
- 03 → White Tone
- 04 → Strobe Effect
- 05 → Special Functions

2 Channels

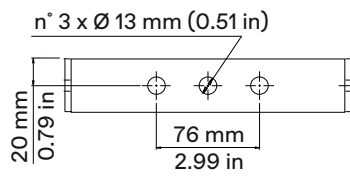
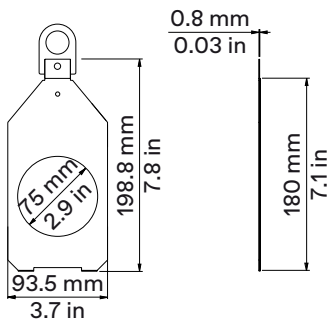
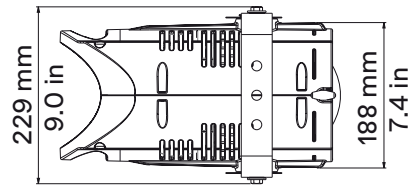
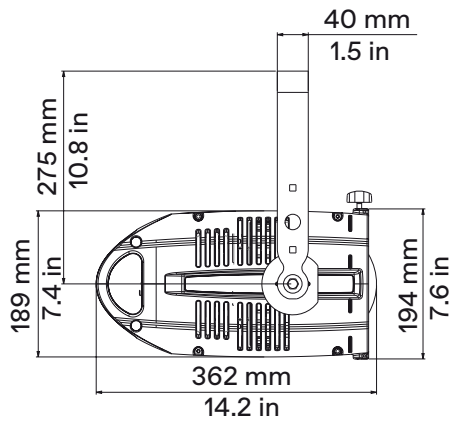
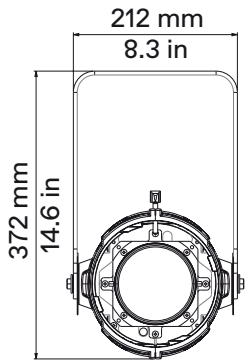
- 01 → Master Dimmer
- 02 → White Tone

1 Channel

- 01 → Master Dimmer



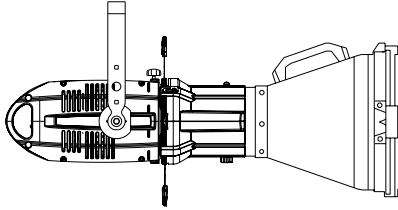
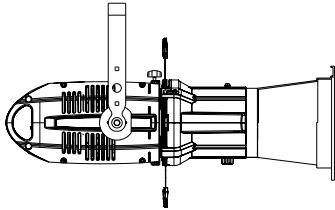
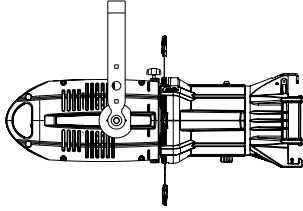
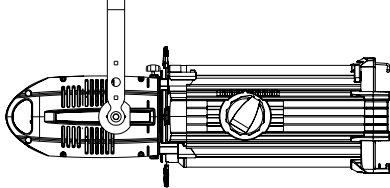
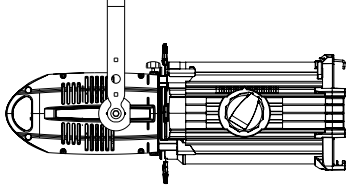
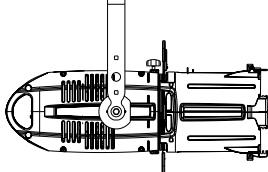
* with Profile Zoom 28°/40° optic



*Standard gobo holder

*Yoke

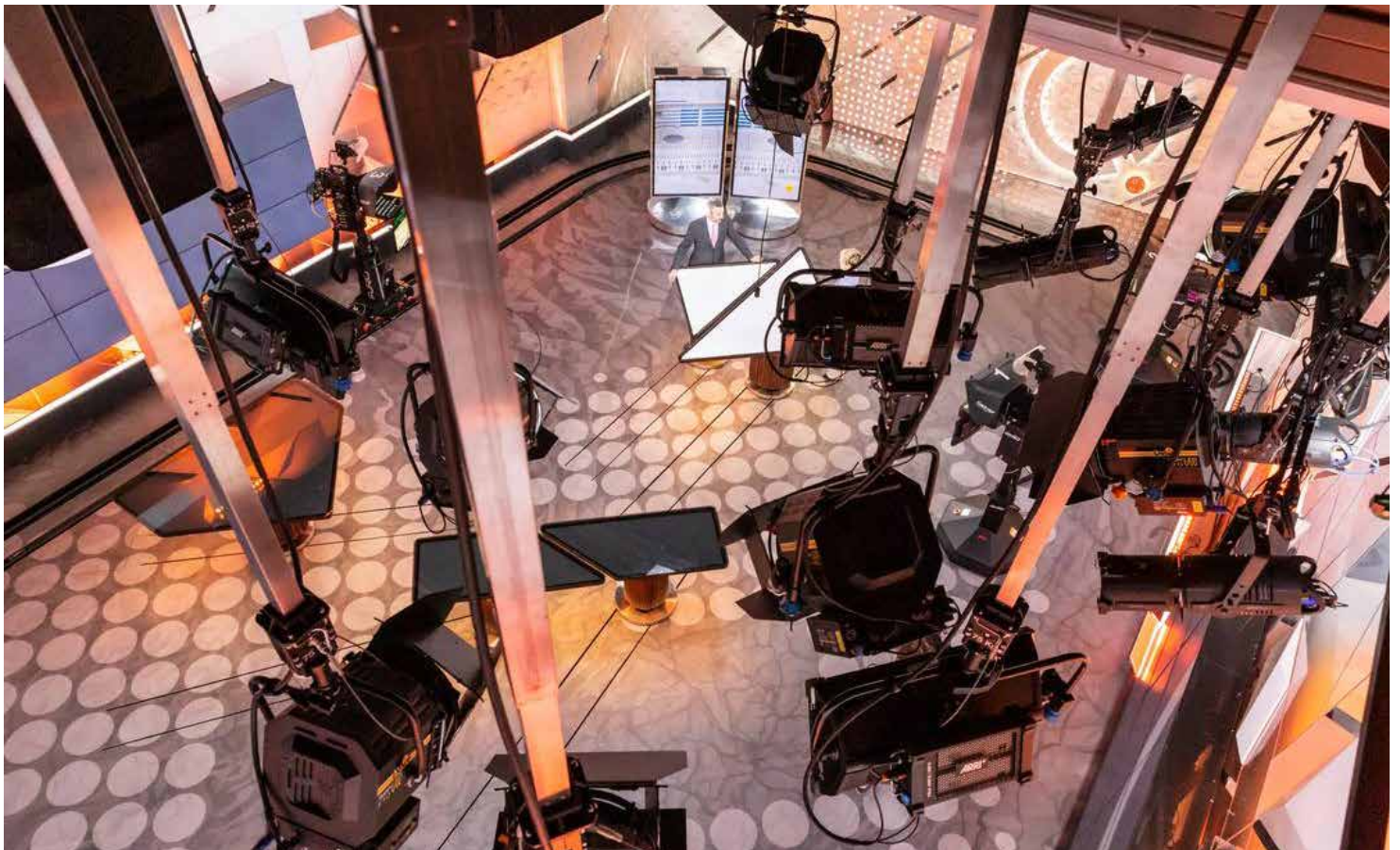
LEDko Optics dimensions and weight

Product	Optics	Length	Weight
	Lens Tube Profile 10°	900 mm (35.4 in)	9 Kg (19.8 lbs)
	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)
	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)
	Profile Zoom 15°-35°	886 mm (34.9 in)	13.05 Kg (28.77 lbs)
	Profile Zoom 25°-50°	783 mm (30.8 in)	11.2 Kg (24.69 lbs)
	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)



Museum - Gallerie d'Italia, Milan

Product	LEDko VW
CCT	2.700K → 6.500K
CRI	>95
Optical	Lens 14° and 19°
Light Designer	Giambattista Buongiorno



Broadcast - RSI Radiotelevisione Svizzera, Switzerland

Product	LEDko VW
CCT	2.700K → 6.500K
CRI	>95



Dealership - Autostadt Audi, Wolfsburg

Product	LEDko VW
CCT	2.700K → 6.500K
CRI	>95

● Coemar Lighting S.r.l.

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