

LEDko DIM D

Product code:
F035F000A (CRI 80)
F035D000A (CRI 90)

Last update:
28/03/2023



LEDko DIM D
with Profile Zoom 28°-40° Optic

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Introducing

● LEDko DIM is the phase dimmable version of the iconic LEDko. This version can be powered by traditional dimmers and therefore represents a perfect refitting solution in all installations where traditional dimmers are still in use. An external dimming knob allows this version to be controllable through traditional dimmers, DMX or in a stand-alone basis.

Key Features



● Daylight COB LED



● CRI > 80 or CRI > 90



● CCT 5.600 K



● LED profile spot
● High Lumen flux and flat field



● Swappable lens tube 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)



● DMX512, Dimming controlled via standard external power dimming unit or with potentiometer knob

General	
● LED Source	Daylight COB LED
● CCT Range	● ● ● ● ● 5.600 K
● Color Rendition Average	CRI> 80, TLCI 72 CRI> 90, TLCI 91
● Dimming	8 or 16bit, 5 selectable curves: Exponential, Logarithmic, Linear, Halo and Standard
● Strobe	Synchronized, random, or pulse electronic strobe
● Available Optics	Swappable lens tube between 5°-90°
● Camera flicker control/Hz range	Yes, from 600 Hz to 1.500 Hz
● Calibrated Cob	Yes
● L80 Rating (hours to 80% output)	50.000 Hours
● Pattern projection	Yes
● Pattern size	A or B
Electrical	
● Voltage Input	90-230 V, 50/60 Hz, auto-sensing
● Power Consumption	0.86 A at 230 V, 1.76 A at 115 V - cosφ 0,99
● Power Connection	In and Out PowerCON 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)
● Fan (controllable)	Yes, 3 different settings: Low, Auto, DMX regulated
Control	
● Control Variants	DMX512, Dimming controlled via standard external power dimming unit or with potentiometer knob
● RDM	DMX Setup, Fixture Status, RDM Commands
● DMX Channels	5
● Display	Setting, addressing, testing and measurements via LEDs display
Physical	
● Yoke	Manual (standard) or Pole Operated Pan-Tilt (optional)
● Materials	Flame-retardant technopolymer reinforced with fiberglass
● Framing System	Four blade framing system, each shutter blade is adjustable for radial position and angle
● Weight	Body: 6 Kg / 13.23 lbs - With Profile Zoom 28°/40° optic: 8.5 Kg / 18.74 lbs
● Length	Body: 362 mm / 14.25 in - With Profile Zoom 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
● Color options	Black (standard), custom color on request (optional)
Included accessories	
BC023A000	1.5 m power cable with PowerCON and bare ends
BC10011A106	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°
BC10011A0w00	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
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)
BC10011A150	Pole Operated Yoke

Accessories for Profile Zoom

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

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 DIM D Rear Panel



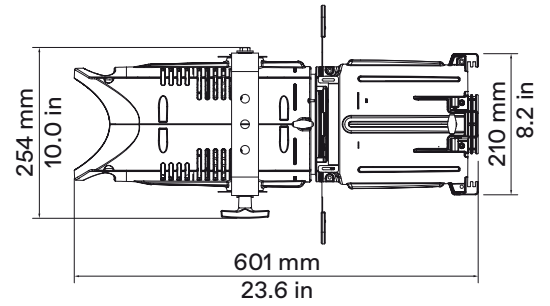
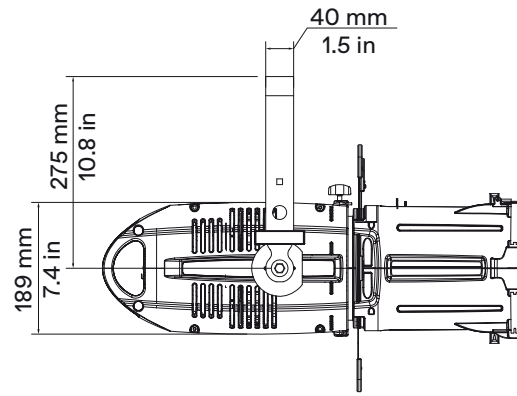
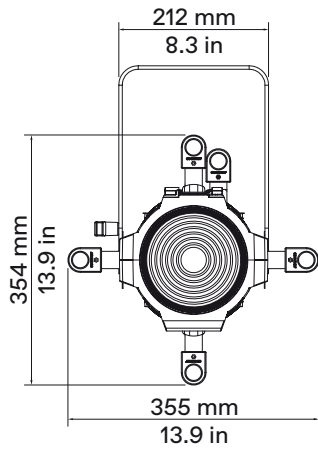
LEDko DIM D with Pole Operated Yoke

LEDko DIM D Pole Operated Yoke / Rear Panel

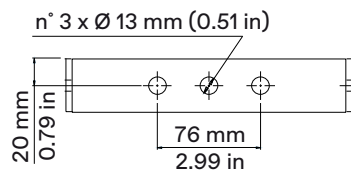
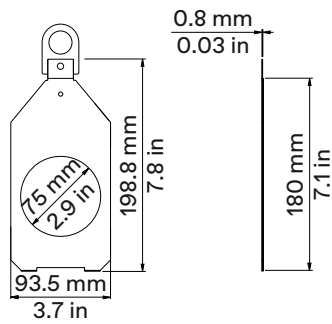
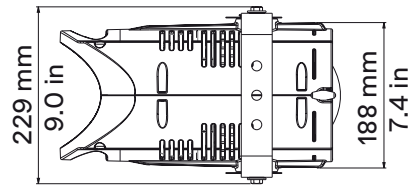
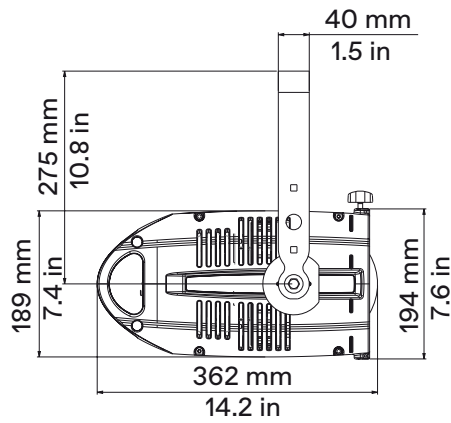
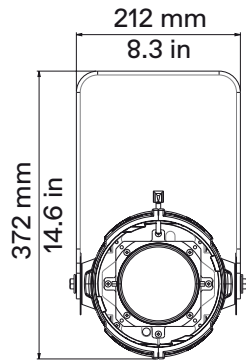
DMX Charts

5 Channels

- 01 → Master Dimmer
- 02 → Spare Channel
- 03 → Dimmer Fine
- 04 → Strobe effect
- 05 → Special Functions

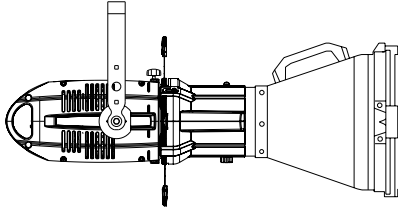
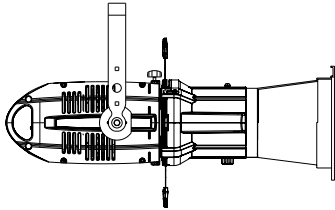
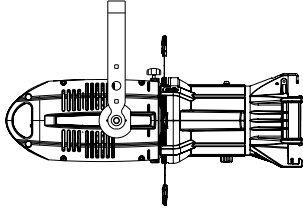
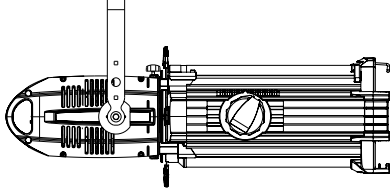
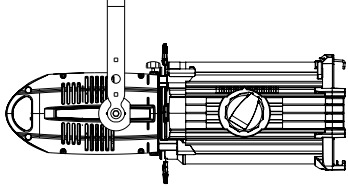
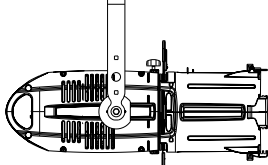


* with Profile Zoom 28°/40° optic



*Standard gobo holder

*Yoke

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.

Via Carpenedolo, 90
46043, Castiglione delle Stiviere (MN) – Italy

P. +39 0376 1514412
M1. info@coemar.com
M2. service@coemar.com
W. coemar.com

P.iva – C.f. 02415330204

