LEDko TM Profile FullSpectrum 6

Product code:	Last update:
F002Q030A	17/11/2023

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Introducing

● The motorized version of the current LEDko Led Profile. This fixture has been developed after our customers' recurrent requests, who were looking for a more versatile solution in order to reduce the burden of manually adjusting the setting of the fixtures once mounted on the rigging infrastructure. Available in two different versions: VariWhite and FullSpectrum 6.
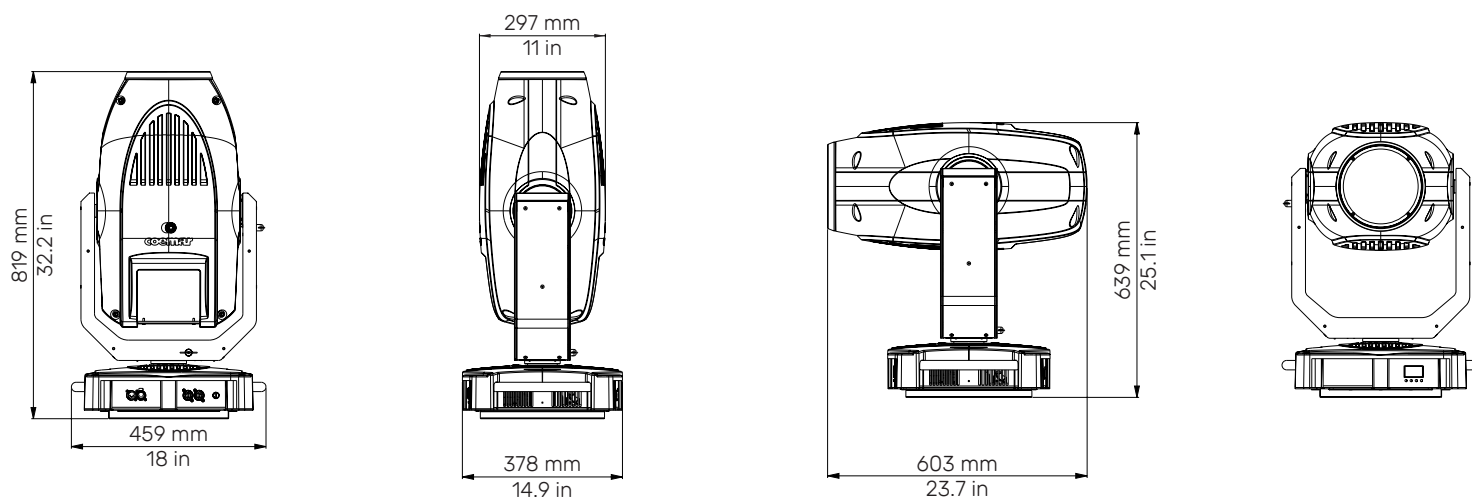
Key Features

● Red, Green, Blue, Cyan, Lime, Amber light source, 20 bit color mixing
● Color mixing with hue and saturation control
● Green-Magenta adjustment

● CRI> 95

● CCT all whites from 2.700 K → 10.000 K

● High lumen flux and flat field

● Motorized zoom from 13° to 38°

● Motorized framing system, adjustable over 90°

● Custom color on request (optional)

● European Conformity certification

General

● LED Source	RGBCLA COB LED (Red, Green, Blue, Cyan, Lime, Amber) - Color mixing with hue and saturation control
● CCT Range	● ● ● ● ● 2.700 K → 10.000 K
● Color Rendition Average	CRI> 95
● Green-Magenta adjustment	Yes
● Dimming	Electronic 16 bit dimming with 2 selectable curves, simulating halogen or discharge lamp based fixtures
● Framing System	Four blade motorized framing system, each shutter blade is adjustable for radial position and angle 90° rotation of the entire system
● Available Optics	Motorized zoom from 13° to 38°
● Camera flicker control/Hz range	Flicker-free operation with LEDs frequency controlled via DMX from 600 to 20.000 Hz
● Calibrated Cob	Yes
● L80 Rating (hours to 80% output)	50.000 Hours
● Pan / Tilt	Pan 540°, Tilt 270°, 16 bit

Electrical

● Voltage Input	90-240 V, 50/60 Hz, auto-sensing
● Power Consumption	400 W Maximum - 1.74 A at 230 V - cosφ 0,9
● Power Connection	In and Out PowerCON TRUE1 connectors with 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	0°C - +40°C (32°F - 104°F)
● Fan (controllable)	Fan setting with 3 different options (low, auto, DMX)

Control

● Protocols	DMX-512, RDM (Remote Device Management), Wireless (optional by LumenRadio)
● RDM configuration	Yes
● DMX Channels	32
● Display	Graphic OLED with on-board selector for quick setting

Physical

● Movement	Tilt: 270° - 16bit, Pan: 540° - 16bit Automatic repositioning Mechanical Pan/Tilt lock for safe transportation and maintenance
● Materials	Aluminium and flame-retardant technopolymer reinforced with fiberglass
● Weight	36 Kg / 79.36 lbs
● Length	459 mm / 18.07 in
● Height (head straight up)	819 mm / 32.24 in
● Width	378 mm / 14.88 in
● IP Rating	IP20
● Color options	Black (standard), custom color on request (optional)

32 Channels

01 → x axis, base movement (pan) corse	
02 → x axis, base movement (pan) fine	
03 → y axis, base movement (tilt) corse	
04 → y axes, base movement (tilt) fine	
05 → Movement Speed	
06 → Master Dimmer	
07 → Dimmer Fine	
08 → Red	
09 → Green	
10 → Blue	
11 → White	
12 → Lime	
13 → Amber	
14 → White Tone	
15 → Green Saturation	
16 → Spare Channel	
17 → Iris Diaphragm	
18 → Focus	
19 → Zoom	
20 → Plus Zoom	
21 → Frost	
22 → Framing Shutter 1	
23 → Framing Shutter 1 angle	
24 → Framing Shutter 2	
25 → Framing Shutter 2 angle	
26 → Framing Shutter 3	
27 → Framing Shutter 3 angle	
28 → Framing Shutter 4	
29 → Framing Shutter 4 angle	
30 → Framing Rotation	
31 → Special Functions	
32 → Reset, Display on/off. Autofocus	

Drawing size

819 mm
32.2 in

459 mm
18 in

297 mm
11 in

378 mm
14.9 in

639 mm
25.1 in

603 mm
23.7 in

● 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