

Technical Brochure



REFLECTION
LEDKO™ TM Profile VariWhite

Reflection Series

LEDko TM Profile

VariWhite

KEY FEATURES

- Continuously Variable Correlated Color Temperature with color rendering index greater than 90 (CRI>90)
- Ultra quiet operation: ideal for low noise applications
- Special 24-blade motorized iris
- Motorized framing system, adjustable over 90°
- Guaranteed Flicker-free operation (DMX controlled frequency)

LEDko TM Profile VariWhite

SPECIFICATIONS

Proportional control of white color temperature

Four blade motorized framing system, each shutter blade is adjustable for radial position and angle, 90° rotation of the entire system

Motorized 24-blade Iris

Electronic 16 bit dimming with 2 selectable curves, simulating halogen or discharge lamp based fixtures

Synchronized, random or pulse electronic strobe

Flicker-free operation with LEDs frequency controlled via DMX from 600 Hz to 19000 Hz

Frost

Fan setting with 3 different options (low, auto, DMX)

Pan 540°, Tilt 270°, 16 bit

Aluminium structure with die-cast plastic cover

PHYSICAL SIZE

Length: 459 mm (18 in)

Width: 378 mm (14.9 in)

Height (head straight up): 819 mm (32.2 in)

Weight: 36.0 Kg (79.0 lbs)

LIGHT SOURCE

Modular 200 W COB LED , CRI > 90

LEDs life: 20.000 hours at 70% lumen intensity maintenance

CONTROL PROTOCOL AND PROGRAMMING

USITT DMX512A

Setting, addressing, testing and measurements via LEDs display

DMX channels: 25

ELECTRICAL SPECIFICATIONS/CONNECTIONS

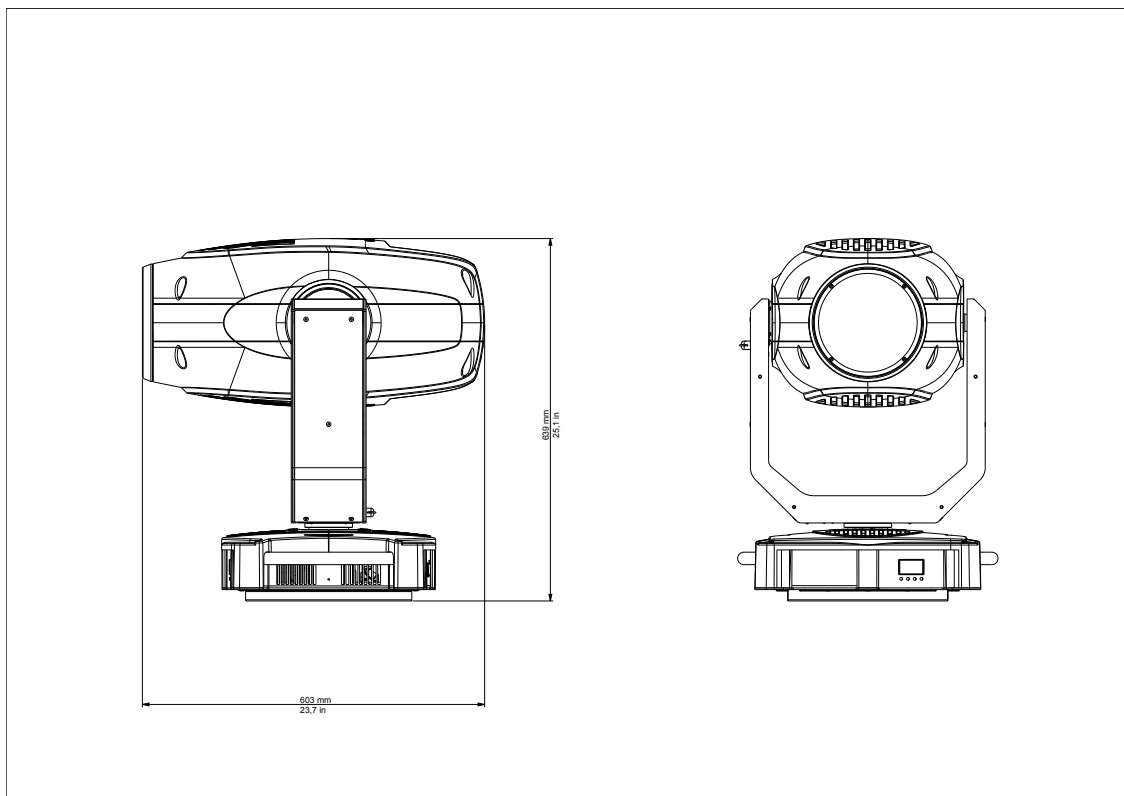
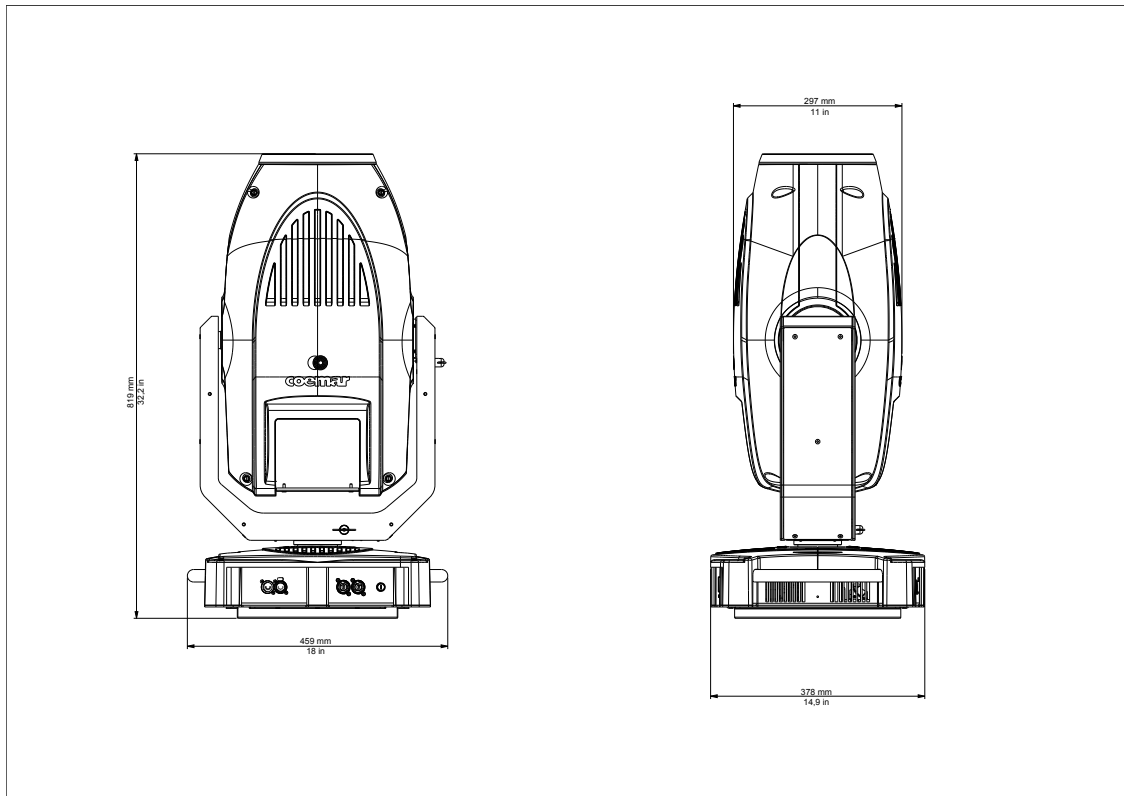
Max power consumption: 400W

AC power: 90-240V, auto sensing, 50/60 Hz

Power consumption: 1 A @ 230 V, 2.55 @ 90 V - cosφ 0,9

In and Out PowerCon connectors with 2 m (6.6 ft) PowerCon cable without power plug

DMX data in/out: 5 pin locking XLR



DMX Chart 32 Channels	
channel	effect
1	X axis, base movement (pan) coarse
2	X axis, base movement (pan) fine
3	Y axis, yoke movement (tilt) coarse
4	Y axis, yoke movement (tilt) fine
5	Movement speed
6	Master dimmer
7	Tunable white
8	Strobe
9	Iris diaphragm (LIN-Linear)
9	Iris diaphragm (with internal PULS effect)
10	Focus
11	Zoom
12	Framing shutter 1
13	Framing shutter 1 angle
14	Framing shutter 2
15	Framing shutter 2 angle
16	Framing shutter 3
17	Framing shutter 3 angle
18	Framing shutter 4
19	Framing shutter 4 angle
20	Framing rotation
21	Step zoom
22	Frost
23	Spare channel
24	Special function
25	Reset - display ON/OFF - autofocus



Coemar Lighting Srl
Via Carpenedolo, 90
46043 Castiglione delle Stiviere
Mantova - Italy
ph. +39 0376 1514412
fax. +39 0376 1514380

info@coemar.com
www.coemar.com