◎ coemar

Otello 8 HD
VariWhite +

Last update:
29/03/2023

Otello 8 HD + with 8 leaf barndoor

Introducing

● Developed to offer the best solution in the stage lighting field focussing on **theatre and TV studios applications**, Otello Led Fresnel incorporates all traditional characteristics of a Fresnel light such as the **distinctive soft-edged** and **very wide beam** and the **smooth and homogeneous light field**.

The improved **HD electronic** with an advanced LED controller guarantees a smooth 20 bit dimming and a superlative **color mixing.**

Next to the traditional manual or P.O. option, Otello offers an optional motorized zoom, which together with a modern design and Oled display with on-board selector for quick setting represents the state of the art in terms of LED Fresnel range. The family consists of 2 fixtures with lenses of 150 mm (5,9 inch) and 200 mm (7,87 inch). All variants include COB, VariWhite, Studio and FullSpectrum 6 LEDs in 3 power steps.

• **FullSpectrum** : 2.700 – 20.000 K (CRI average> 95); Red, Green, Blue, Cyan, Lime, Amber color mixing with Green-Magenta adjustment

• **VariWhite | Tungsten | Daylight**: white engines with the Tungsten and Daylight COB LED calibrated respectively at 3.000 K and 5.600 K CCT and a tunable white source ranging from 2.800 to 6.500 K (CRI > 94) for the VariWhite version

Key Features

● VariWhite COB LED

● High CRI> 95

● CCT from 2.700 K → 6.500 K

● High Lumen flux and flat field

● Fresnel lens (diameter: 200 mm / 7.87 in)
● Zoom range from 8° to 48° half peak angle
● Availble with Manual or Motorized Zoom

● Extruded aluminum, flame-retardant technopolymer reinforced with fiberglass

● Custom color on request (optional)

● Manual (standard) or Pole Operated Pan-Tilt (Optional)

● LED Source	VariWhite COB LED
● CCT Range	● ● ● ● ● 2.700 K → 6.500 K
● Color Rendition Average	CRI> 95, TLCI> 95
● 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
● Lens	Glass Fresnel lens (diameter: 200 mm / 7.87 in)
● Optical	Zoom range from 8° to 48° half peak angle (motorized, manual or PO zoom available)
● Camera flicker control/Hz range	Yes: 20.000Hz
● Calibrated Cob	Yes
● L80 Rating (hours to 80% output)	50.000 Hours

Electrical

● Voltage Input	80-264 V, 50/60 Hz, auto-sensing
● Power Consumption	340 W Maximum - 1.52 A at 230V, 3.05 A at 115V - cosφ: 0.94 (manual / P.O. zoom)
	330 W Maximum - 1.61 A at 230V, 3.23 A at 115V - cosφ: 0.94 (motorized zoom)
● Power Connection	In and Out PowerCON TRUE1 Top connectors to feed up to 8 (at 230V) or 4 (at 115 V) 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, 4 different settings: Silent, Studio, Auto, DMX Regulated

Control

● Protocols	DMX512A, RDM (Remote Device Management), Wireless (optional By LumenRadio)
● RDM configuration	Yes
● DMX Channels	Manual / PO zoom version: 5 / 2 / 1
	Motorized zoom version: 6 / 4
● Display	Graphic OLED with on-board selector for quick setting
● Firmware upgrade	Through DMX with RDM Upgrade USB interface (code AC10011A001)

Physical

● Yoke	Manual (standard) or Pole Operated Pan-Tilt (optional)
● Materials	Extruded aluminum, flame-retardant technopolymer reinforced with fiberglass
● Weight	With Manual Yoke: 13.5 Kg / 29.76 lbs - With Pole Operated Yoke: 15 Kg / 33.07 lbs
● Length	409 mm / 16.10 in
● Height	315 mm / 12.40 in
● Height with Yoke	With Manual Yoke: 437 mm / 17.20 in - With Pole Operated Yoke: 623 mm / 24.53 in
● Width	With Manual Yoke: 317 mm / 12.48 in - With Pole Operated Yoke: 406 mm / 15.99 in
● IP Rating	IP20
● Color options	Black (standard), custom color on request (optional)

Included accessories

BC10044A002	8-Leaf Barndoor
GKIT17 (USA) / GKIT16 (EU)	1.5 m power cable with PowerCON TRUE1 Top and bare ends
BC10044A006	Color frame holder

Otello 8 HD + (manual zoom)
Rear Panel with the new OLED
display

Otello 8 HD + with
Pole Operated Yoke and Pole Operated
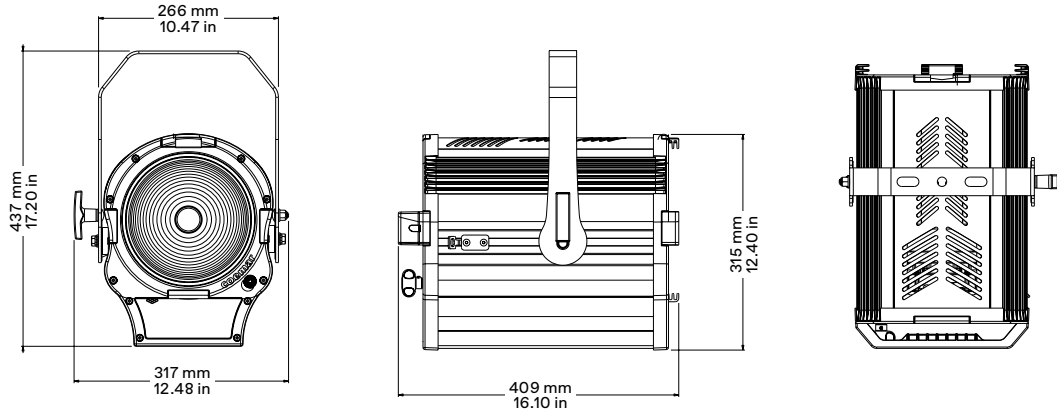Zoom

Otello 8 HD+ PO version / Rear Panel

DMX Charts - Manual Zoom

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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 - Color
Temperature Settable by Display

DMX Charts - Motorized Zoom

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6 Channels
01 → Master Dimmer
02 → Dimmer Fine
03 → White tone
04 → Strobe Effect
05 → Special Functions
06 → Zoom

4 Channels
01 → Master Dimmer
02 → White Tone
03 → Special Functions
04 → Zoom

Drawing Size - Manual Yoke Version

266 mm
10.47 in

437 mm
17.20 in

317 mm
12.48 in

315 mm
12.40 in

409 mm
16.10 in

Drawing Size - Pole operated Yoke Version

335 mm
13.19 in

409 mm
16.10 in

623 mm
24.53 in

464 mm
18.27 in

406 mm
15.98 in

315 mm
17.24 in
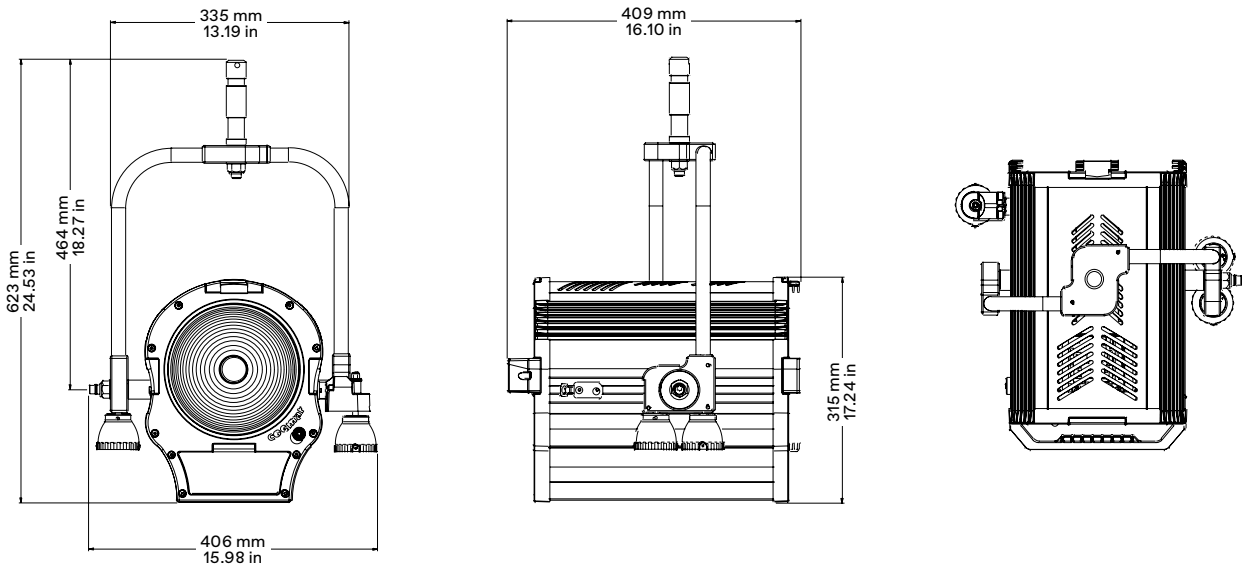
Models

Product	Code
Otello 8 VariWhite + Manual Yoke, Manual Zoom	F150G090Q
Otello 8 VariWhite + Manual Yoke, Motorized Zoom	F150G000Q
Otello 8 VariWhite + Pole Operated	F150G010Q

● Coemar Lighting S.r.l.

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