

Otello 8 HD VariWhite +

Last update:
08/02/2023



Otello 8 HD + with 8 leaf barn door

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. 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 to 6.500K



● High Lumen flux and flat field



- Fresnel lens (diameter: 200 mm / 7.87 in)
- Zoom range from 8° to 48° half peak angle
- Available 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)

General	
● LED Source	VariWhite COB LED
● CCT Range	● ● ● ● 2.700K → 6.500 K
● Color Rendition Average	CRI> 95, TLCI> 95
● Dimming	8 or 16 bit, 5 selectable curves: Exponential, Logarithmic, Linear, Halo and Standard
● 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	80-264V, 50/60Hz, 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 / Sunrise mode / Raw mode Motorized zoom version: 6 / 4 / Sunrise mode / Raw mode
● 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	13.5 Kg / 29.76 lbs (with Manual Yoke) - 15 Kg / 33.07 lbs (with Pole Operated Yoke)
● Length	409 mm / 16.10 in
● Height	315 mm / 12.40 in
● Height with Yoke	437 mm / 17.20 in (with Manual Yoke) - 623 mm / 24.53 in (with Pole Operated Yoke)
● Width	317 mm / 12.48 in (with Manual Yoke) - 406 mm / 15.99 in (with Pole Operated Yoke)
● 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

5 Channels

01 → Master Dimmer
02 → Dimmer Fine
03 → White tone
04 → Strobe Effect
05 → Special Function

2 Channels

01 → Master Dimmer
02 → White Tone

1 Channel

01 → Master Dimmer - Color
Temperature Settable by Display

Sunrise Mode

01 → Master Dimmer
02 → Dimmer Fine
03 → Proportional CCT
04 → Step CCT
05 → Green Saturation
06 → Special Function

Raw Mode

01 → Warm White Led
02 → Warm White Led Fine
03 → Cold White Led
04 → Cold White Led Fine

DMX Charts - Motorized Zoom

6 Channels

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

4 Channels

01 → Master Dimmer
02 → White Tone
03 → Special Function
04 → Zoom

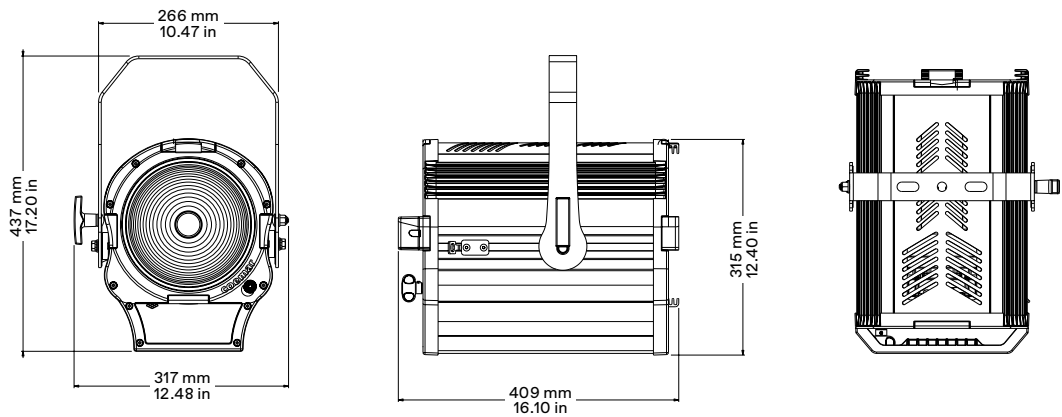
Sunrise Mode

01 → Master Dimmer
02 → Dimmer Fine
03 → Proportional CCT
04 → Step CCT
05 → Green Saturation
06 → Special Function
07 → Zoom

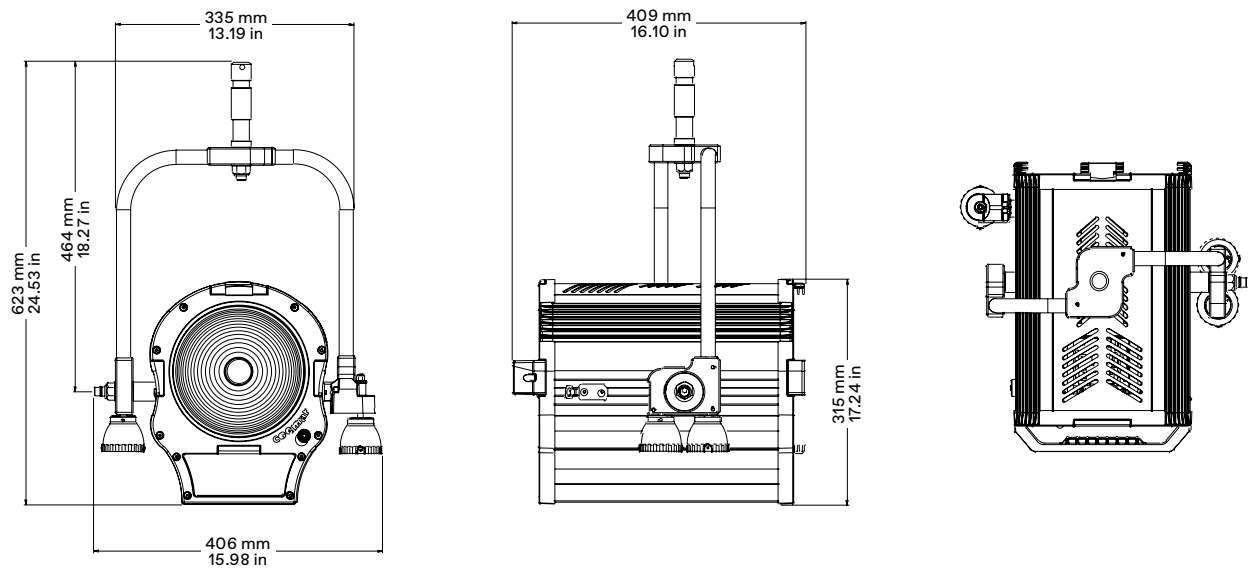
Raw Mode

01 → Warm White Led
02 → Warm White Led Fine
03 → Cold White Led
04 → Cold White Led Fine
05 → Special Function
06 → Zoom

Drawing Size - Manual Yoke Version



Drawing Size - Pole operated Yoke Version



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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