Otello 8 HD
FullSpectrum +

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. 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

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

● High CRI> 95

● CCT 2.700K → 20.000 K

● Fresnel lens (diameter: 200 mm / 7.87 in)
● Zoom range from 7° to 68° 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)

General

● LED Source	RGBCLA COB LED (Red, Green, Blue, Cyan, Lime, Amber) - Color mixing with hue and saturation control
● CCT Range	● ● ● ● ● CCT from 2.700 K to 10.000 K (through DMX) or up to 20.000 K (through Display)
● 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 7° to 68° (motorized, manual or PO zoom available)
● Green-Magenta adjustment	Continously adjustable (Full Minusgreen to Full Plusgreen)
● Color saturation function	Generated colors fades to White tone selected with the CCT channel
● Dim to Warm function	Halogen lamp dimmer simulation
● 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 - 1.57 A at 230V, 3.02 A at 115V - cosφ: 0.94 (manual / P.O. zoom)
	330 W Maximum - 1.53 A at 230V, 2.93 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	DMX-512, RDM (Remote Device Management), Wireless (optional By LumenRadio)
● RDM configuration	Yes
● DMX Channels	Manual / PO zoom version: 16 / 7 / 1 / Studio mode / RGB mode / fine RGB mode / Sunrise mode
	Motorized zoom version: 17 / 8 / Studio mode / RGB mode / Fine RGB mode / Sunrise 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
● Length	489 mm / 19.25 in
● Height	315 mm / 12.40 in
● Height with Yoke	437 mm / 17.20 in (with Manual Yoke) - 621 mm / 24.45 in (with Pole Operated Yoke)
● Width	313 mm / 12.32 in (with Manual Yoke) - 406 mm / 15.98 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

16 Channels
01 → Master Dimmer
02 → Red
03 → Green
04 → Blue
05 → Cyan
06 → Lime
07 → Amber
08 → Strobe Effect
09 → Dimmer Fine
10 → Special Function
11 → Red Tone
12 → Green Tone
13 → Blue Tone
14 → White Tone
15 → Green Saturation
16 → Saturation

7 Channels
01 → Master Dimmer
02 → Red
03 → Green
04 → Blue
05 → Cyan
06 → Lime
07 → Amber

Studio Mode
01 → Master Dimmer
02 → White Tone
03 → Green Saturation
04 → Saturation
05 → Hue
06 → Dimmer Fine
07 → Special Function

1 Channel
01 → Master Dimmer - Color Temperature Settable by Display

RGB Mode
01 → Master Dimmer
02 → Dimmer Fine
03 → Red
04 → Green
05 → Blue
06 → White Tone
07 → Saturation
08 → Strobe Effect
09 → Special Function

Fine RGB Mode
01 → Master Dimmer
02 → Dimmer Fine
03 → Red
04 → Red Fine
05 → Green
06 → Green Fine
07 → Blue
08 → Blue Fine
09 → White Tone
10 → Saturation
11 → Strobe
12 → Special Function

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

17 Channels
01 → Master Dimmer
02 → Red
03 → Green
04 → Blue
05 → Cyan
06 → Lime
07 → Amber
08 → Strobe Effect
09 → Dimmer Fine
10 → Special Function
11 → Red Tone
12 → Green Tone
13 → Blue Tone
14 → White Tone
15 → Green Saturation
16 → Saturation
17 → Zoom

8 Channels
01 → Master Dimmer
02 → Red
03 → Green
04 → Blue
05 → Cyan
06 → Lime
07 → Amber
08 → Zoom

Studio Mode
01 → Master Dimmer
02 → White Tone
03 → Green Saturation
04 → Saturation
05 → Hue
06 → Dimmer Fine
07 → Special Function
08 → Zoom

RGB Mode
01 → Master Dimmer
02 → Dimmer Fine
03 → Red
04 → Green
05 → Blue
06 → White Tone
07 → Saturation
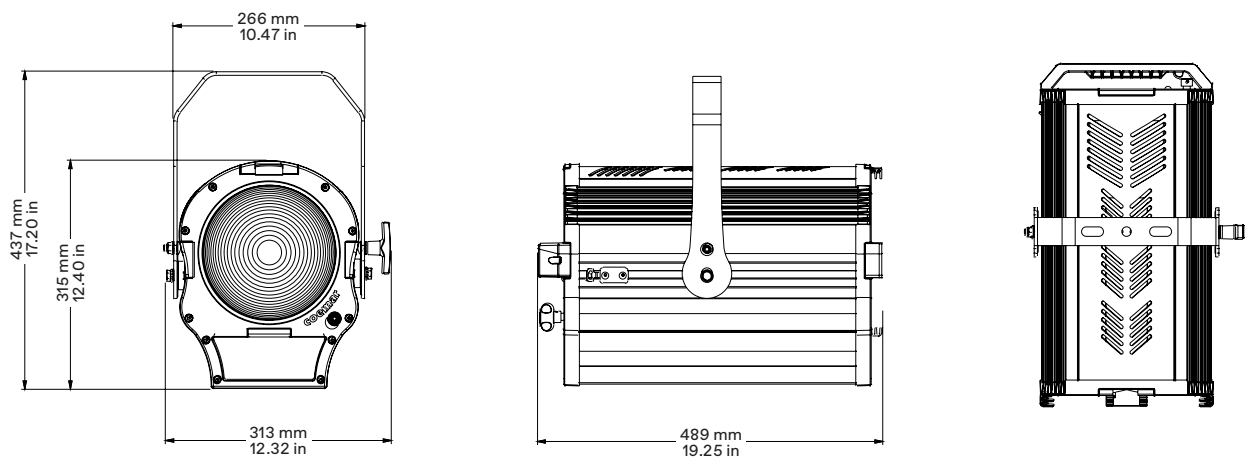08 → Strobe Effect
09 → Special Function
10 → Zoom

Fine RGB Mode
01 → Master Dimmer
02 → Dimmer Fine
03 → Red
04 → Red Fine
05 → Green
06 → Green Fine
07 → Blue
08 → Blue Fine
09 → White Tone
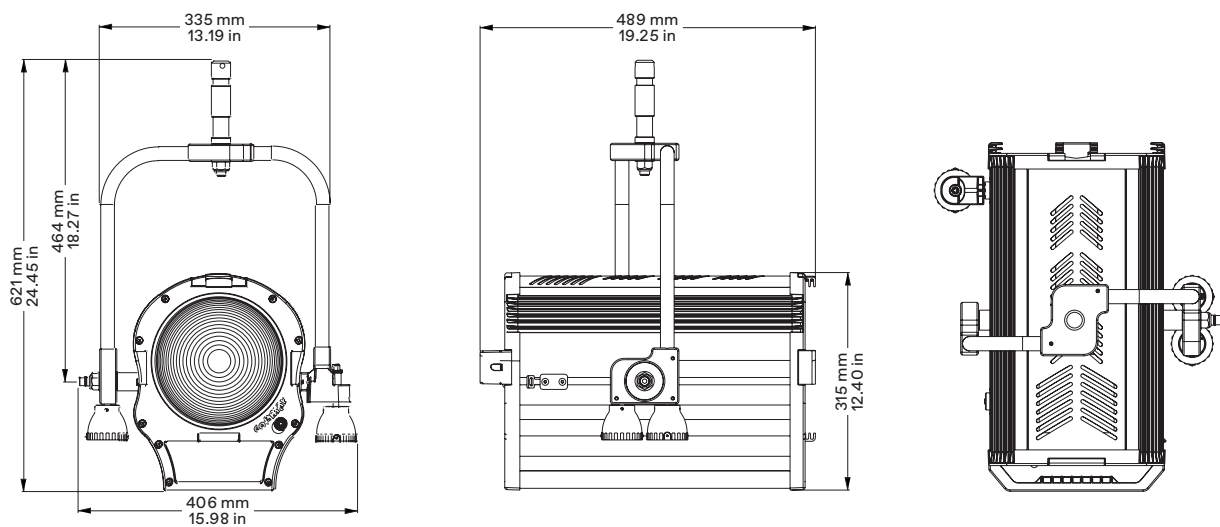10 → Saturation
11 → Strobe
12 → Special Function
13 → Zoom

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

266 mm
10.47 in

437 mm
17.20 in

315 mm
12.40 in

313 mm
12.32 in

489 mm
19.25 in

Drawing SIze - Pole operated Yoke Version

335 mm
13.19 in

489 mm
19.25 in

621 mm
24.45 in

464 mm
18.27 in

315 mm
12.40 in

406 mm
15.98 in

Models

Product	Code
Otello 8 FullSpectrum + Manual Yoke, Manual Zoom	F150Q090Q
Otello 8 FullSpectrum + Manual Yoke, Motorized Zoom	F150Q000Q
Otello 8 FullSpectrum + Pole Operated	F150Q010Q

● Coemar Lighting S.r.l.

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