

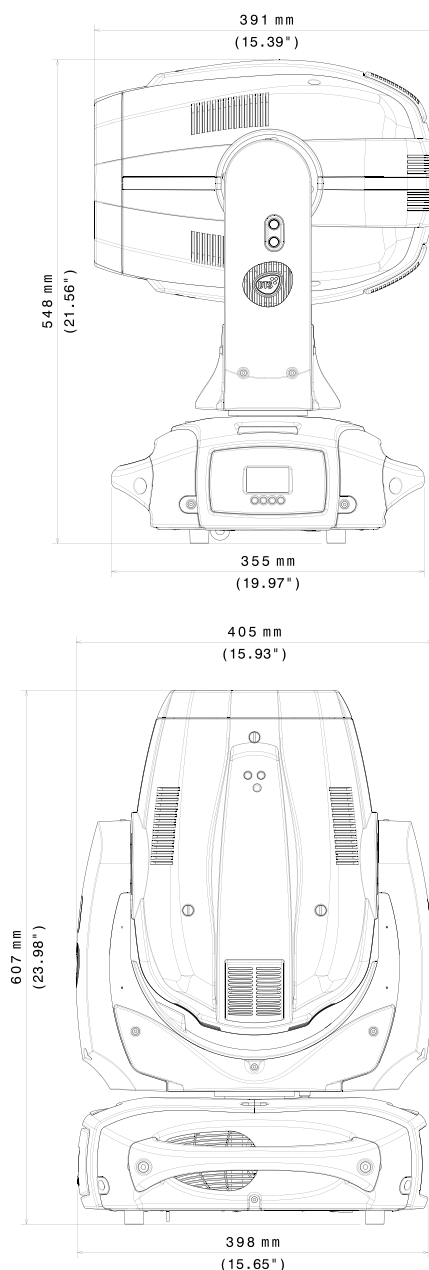


EVO

**POWERFUL BEAM AND SPOT MOVING HEAD;
PERFECT FOR CONCERTS AND TV STUDIOS**

EVO is a powerful and compact discharge moving head. **SPOT and BEAM all in one** with the **fastest effects** ever seen, including 'Dyna Prism'. EVO features also the revolutionary '**FPR**' system for an unlimited Pan rotation. EVO is versatile: thanks to its 440 W HRI LAMP (24,000 Lumens), EVO is perfect in a range of applications, **from TV studios to live concerts**.

AVAILABLE ONLY FOR THE ITALIAN MARKET



03.MS016.LFP

REV. 1-2019

OUTPUT

- Lamp: Osram Sirius HRI 440 W (24,000 Lumens)
- Color temperature: 7000K
- CRI: 80
- Remote lamp On-Off
- Average lamp life: 1,500 hours

OPTICAL GROUP

- Improved optical group:
 - 1,530,000 Lux at 5 m
- 16-bit motorized wide-excursion linear zoom
- Beam opening: 2° - 39°
- 16-bit motorized linear focus
- Linear dimmer / shutter / strobe (0.85 flash/sec to 10 flash/sec)
- Effect glass filters
- Frost filter

COLOR GENERATION

- Linear CMY + CTO
- 21-color wheel
- Two-tone generation

DYNAMIC EFFECTS

- Overlapping wheel for multiple effects:
 - Customizable rotating gobo wheel (8 gobos + Open)
 - Fixed gobo wheel (17 gobos + animation sector + Open)
- 8-facet and linear rotating prisms
- Dyna-Prism (DTS Patent)

CONTROL

- Li-Fe backup battery for controlling the main parameters even when EVO is not powered
- Auto-flip LCD graphic display + 4 soft-keys (control / management of the main parameters)
- Controlled via DMX 512 and RDM standard digital communication protocols
- Internal operating system updatable via DTS dongle firmware uploader

DMX

- 32 DMX channels (default)
- 24 DMX channels

PAN & TILT

- 'FPR' system (DTS patent)
- Pan: limitless rotation, in both directions
- Tilt 244°: 2 sec.
- Tri-phase stepper motor technology for ultra-fast silent movements
- 16-bit resolution
- Selectable speed ranges
- Pan / Tilt lock

POWER SUPPLY

- Electronic full-range 100-240Vac 50-60 Hz
- Power consumption: 600 W with PFC
- Power saving mode (the lamp dims to 80% after shutter closure)
- Power Factor: PF >0.90

CONNECTIONS

- DMX: XLR 3-pole In/Out and 5-pole In/Out panel connectors
- Power supply: PowerCON In/Out panel connectors

INTERNAL SAFETY DEVICES

Overvoltage and overtemperature circuits protection

OPERATING TEMPERATURE

-10° / 40°C

PHYSICAL

- IP20
- Weight: 24.4 Kg (53.8 lbs)
- Finishing: Black

SHIPPING

- Packaging: Carton box
- Box size: 610 x 520 x 510 mm (24" x 20.5" x 20.1")
- Box weight: 29 Kg (63.9 lbs)

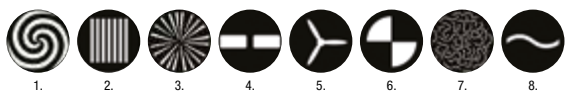
ACCESSORIES INCLUDED

- 1 x PowerCON female cable connector (code 0520P014)
- 1 x XLR 5 Pins male cable connector (code 0508B148)
- 1 x XLR 5 Pins female cable connector (code 0508B147)
- 2 x Omega Bracket with "Fast Lock" connection 1/4 turn (code 02K00549)

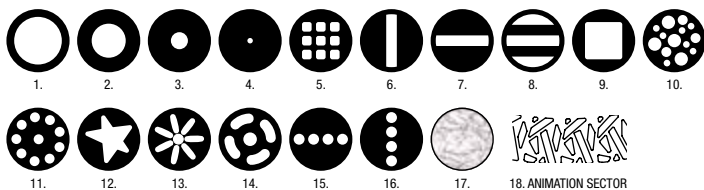
ACCESSORIES ON REQUEST

- Lamp 440W SIRIUS HRI (code 0505S039)
- Flightcase for 2 units (code 0521C065.2)
- Aliscat clamp for tube diameter 50 mm - max. load 200 Kg (code 0521A033)
- G-QUICK clamp Professional -max. load 100 Kg (code 0521A037)
- G60 "C" Clamp black - max load 50 Kg (code 0521A004)
- Custom gobo for rotating wheel (code 0516R001.58)
- Safety cable - 0.5x60 cm - max. capacity load 60 Kg (code 0521A038)
- DTS dongle firmware uploader (code 03.LA.206)

ROTATING GOBO WHEEL



FIXED GOBO WHEEL



COLOR WHEEL



PHOTOMETRIC DATA

	mt 5 ft 16.40	mt 15 ft 49.21	mt 25 ft 82.02	mt 50 ft 164.04	mt 100 ft 328.08
BEAM ANGLE 2°					
lux center (lx)	1530000	170000	61200	15300	3825
foot candles (fc)	142193	15799	5688	1422	355
diameter (cm)	17	52	87	175	349
diameter (ft)	0.57	1.72	2.86	5.73	11.45

	mt 5 ft 16.40	mt 15 ft 49.21	mt 25 ft 82.02	mt 50 ft 164.04	mt 100 ft 328.08
BEAM ANGLE 39°					
lux center (lx)	5300	589	212	53	13
foot candles (fc)	493	55	20	5	1
diameter (cm)	354	1062	1771	3541	7082
diameter (ft)	11.62	34.85	58.09	116.18	232.36