



Onyx is a beam moving head featuring a lightweight and compact body, equipped with a 100W White LED source which allows a superior light output and performances comparing with traditional lamp-based fixtures. Bright, lightweight and noiseless, this unit has been designed to generate a pure and high concentrated beam, halo free and parallel. **Onyx** is ideal to enlarge the number of point light without increasing the budget for the investments and for those who want to handle a compact fixture with unprecedented performance and efficiency, reducing the management costs in terms of consumption, logistics, stocking and lamp replacement

MAIN FEATURES

- 100W high power white LED
- High efficiency optical system with a smooth-surface lens to generate a parallel beam effect
- Projection angle: 2°
- Effect section equipped with: rotating 8 f circular prism and frost
- Colour system: 8 dichroic filters + open
- Gobos group composed of 11 fixed metal gobos

VERSIONS

Code	Housing
ONYXBK	Black
ONYXWH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 100W high-power white LED
- CCT: 6.500 K
- Luminous flux: 2'300 lm
- Lux: 34'500 lx @5 m full
- Source life expectancy: > 30.000 h

OPTICS

- Beam angle: 2°
- Lens diameter: 150 mm
- Lens type: fresnel lens

COLOUR SYSTEM

- Colour wheel: 8 colour filters
- Macros: linear, half colours, colour bounce

DYNAMIC EFFECTS

- Fixed gobos: 11 fixed gobos + open
- Circular prism: 8f with bi-directional rotation
- Auto mode: built-in programs with execution speed adjustment
- Sound mode: music activation through internal microphone and sensitivity control

BODY

- Pan angle: 540° / 630°
- Tilt angle: 265°
- Pan/Tilt resolution: 8 / 16bit
- Feedback: automatic repositioning after accidental movement
- Body: aluminium structure with hi-resistance polycarbonate cover
- Body colour: black, white finishing available

CONTROL

- Protocols: DMX512, RDM
- DMX channels: 10 / 12 / 13 / 16 channel
- W-DMX: optional, wireless solution receiver
- RDM: RDM ready for remote monitoring and settings
- Display: LCD high resolution colour display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included
- Hibernation: power safe mode when lost DMX

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter: 1 - 20 Hz, electronic
- Operating temperature: -10° ~ +45°
- LED Control: flicker free operation

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 150W
- Output (at 230V): 16 units on a single power line

PHYSICAL

- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Signal connection: Amphenol XLR 3p IN/OUT connectors
- Power connection: Neutrik powerCON IN/OUT connectors
- IP rating: 20
- Dimensions (WxHxD): 294x460x200 mm
- Weight: 8,5 kg

ACCESSORIES & RELATED PRODUCTS

- FCLSHINE332E Flight case for 4pcs of RUBY / ONYX / CRYSTAL, made in UE
- FCLSHINE332 Flight case for 4pcs of RUBY / ONYX / CRYSTAL
- WR24ANG5 WIRELESS SOLUTION, nano RX DMX 3.3V/5V-18V MCX

- WSA40501 WDMX, antenna 2.4Ghz 2dBi omnidirectional, folding, SMA-male, indoor
- OS24 Quick-lock omega bracket.
- UPBOX2 Firmware uploader kit, USB IN, 3-pin XLR DMX OUT