

Crystal

100W high-power white LED spot moving light

TRIBE



Crystal is a LED Spot moving that can replace traditional discharge lamp fixture. It's equipped with a bright white 100W LED source which allows a superior light output and keeps compact sizes and lightweight. **Crystal** is the ideal tool for all rental and system integration companies who may 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
- Effect section equipped with rotating 3f circular prism
- Manual zoom 10-15°
- Colour system: 8 dichroic filters + open
- Rotating gobo wheel: 7 interchangeable gobos + open

VERSIONS

Code	Housing
CRYSTALBK	Black
CRYSTALWH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 100W high-power white LED
- CCT: 7.000 K
- Luminous flux: 3'000 lm
- Lux: 3'073 lx @5 m full
- Source life expectancy: > 30.000 h

OPTICS

- Zoom: 10° - 15° manual
- Beam angle: 15°
- Lens type: high-quality glass lens optics
- Focus: motorised with auto-focus

COLOUR SYSTEM

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

DYNAMIC EFFECTS

- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 23,7 mm - image: 19 mm - thickness: 0,5 mm
- Circular prism: 3f 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 / 16 bit
- 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: 11 / 13 / 15 / 18 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: 125W
- Output (at 230V): 16 units on a single power line

PHYSICAL

- Cooling: active, silent operation
- 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): 294x432x200 mm
- Weight: 9 kg

ACCESSORIES & RELATED PRODUCTS

- FCLSHINE332E Flight case for 4pcs of RUBY / ONYX / CRYSTAL, made in UE
- WR24AN DMX receiver card, 2,4GHz, antenna included by wireless solution, NANO
- FCLSHINE332 Flight case for 4pcs of RUBY / ONYX / CRYSTAL

- 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