

# Jade

280 W hybrid beam / spot moving light

ORDER CODE: JADE



**Jade** is a hybrid moving light delivering a full toolkit for designers in a single, compact fixture. Harnessing the power of the 280 W discharge source with a custom optical system, it provides a punchy beam, even wash and crisp spot - all from a single unit.

## MAIN FEATURES

- Massive 2° to 23° zoom range with beam and spot modes
- 13 position colour wheel including CTC filters
- Extensive effects including: rotating gobo wheel, static gobo wheel, dual prisms and linear frost

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 280 W S Osram Sirius HRI
- CCT: 7.800 K
- Luminous flux: 9'826 lm
- Lux: (2°) 31'390 lx @5 m
- Lux: (5.5°) 2'562 lx @5 m
- Source life expectancy: 2.000 h

### OPTICS

- Zoom: beam: 2° - 10° / spot: 5,5° - 23° motorised linear zoom
- Lens diameter: 117 mm
- Lens type: high-quality glass lens optics
- Additional optics: heat filter to switch from beam to spot modes
- Focus: motorised with auto-focus

### COLOUR SYSTEM

- CTC: on wheel 2.500 K and 3.200 K + CTB
- Colour wheel: 13 dichroic filters + open
- Macros: linear, half colours, colour bounce

### DYNAMIC EFFECTS

- Rotating gobos: 9 rotating gobos + open, interchangeable
- Gobo size: outer: 15,7 mm - image: 12 mm - thickness: 1,1 mm
- Fixed gobos: 14 fixed gobos + open
- Circular prism: 8f with bi-directional rotation, indexing
- Linear prism: 6f with bi-directional rotation, indexing
- Frost: frost unit to soften the beam edge

### BODY

- Pan angle: 630° - 540°
- 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

### CONTROL

- Protocols: DMX512, RDM, W-DMX
- DMX channels: 14 / 16 / 22 / 23 channel
- W-DMX: included, wireless solution receiver
- RDM: RDM ready for fixture remote monitor 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% mechanical dimmer
- Strobe / shutter: 1 - 25 flash(s), mechanical
- Battery backup: battery backup for user operation without connecting to the main power
- Operating temperature: -10° ~ +45°

### ELECTRICAL

- Power supply: 100-240 V - 50/60 Hz
- Power consumption (at 230 V): 423 W
- Power consumption (at 120 V): 423 W

### PHYSICAL

- Cooling: forced air with low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Signal connection: Amphenol XLR 3p + 5p IN/OUT connectors
- Power connection: Neutrik powerCON TRUE1 IN connector
- IP rating: 20
- Dimensions (WxHxD): 355x619x235 mm
- Weight: 17 kg

## ACCESSORIES & RELATED PRODUCTS

- OS24: Quick-lock omega bracket (included)
- WSA40501: WDMX, antenna 2.4Ghz 2dBi omnidirectional, folding, SMA-male, indoor (included)
- WR24ANG5: WIRELESS SOLUTION, nano RX DMX 3.3V/5V-18V MCX (included)
- FCLJADE: Flight case for 2pcs of JADE

- FCLJADE4E: Flight case for 4pcs of JADE, made in UE
- C6016: Quick-trigger slim clamp, 250 kg load, 48-51 mm tubes, M10 bolt incl.
- UPBOX2: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT

## COLOUR PRESET FULL ON

Beam angle 2°

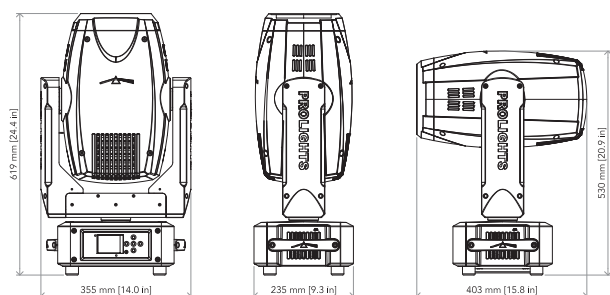
### Photometrics

Flux out: 26.49 lm

Height	E avg / E max	Angle: 0.60°	Diameter
3 ft / 1 m	2,571 / 15,511 fc 27,678 / 166,958 lx		0.03 ft 1.05 cm
7 ft / 2 m	643 / 3,878 fc 6,920 / 41,740 lx		0.08 ft 2.09 cm
10 ft / 3 m	286 / 1,723 fc 3,075 / 18,551 lx		0.10 ft 3.14 cm
13 ft / 4 m	161 / 969 fc 1,730 / 10,435 lx		0.13 ft 4.18 cm
16 ft / 5 m	103 / 620 fc 1,107 / 6,678 lx		0.17 ft 5.23 cm
20 ft / 6 m	71 / 431 fc 769 / 4,638 lx		0.20 ft 6.27 cm
23 ft / 7 m	52 / 316 fc 565 / 3,407 lx		0.24 ft 7.32 cm
26 ft / 8 m	40 / 242 fc 433 / 2,609 lx		0.27 ft 8.36 cm
30 ft / 9 m	32 / 191 fc 342 / 2,061 lx		0.30 ft 9.41 cm
33 ft / 10 m	26 / 155 fc 277 / 1,670 lx		0.34 ft 10.45 cm

Note: the Curves indicate the illuminated area and the average illumination when the luminaire is at different distance

## TECHICAL DRAWINGS



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musiclights.it

Via A. Olivetti snc  
04026 - Minturno (LT) ITALY  
Tel: +39 0771 72190



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info and downloads  
visit our website



prolights.it  
info@prolights.it