

Razor 440

440W hybrid moving luminaire with colour mixing

ORDER CODE: **RAZOR440**



Razor 440 is a hybrid moving light delivering a full toolkit for designers in a single fixture. Harnessing the power of the 440W 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 50° linear zoom range with sharp image projection
- Full CMY colour mixing system, plus 3 colour wheels including CTC filters
- Extensive effects including animation wheel, rotating gobo wheel, static gobo wheel, dual prisms and linear frost

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 440 W S Osram Sirius HRI
- CCT: 7.000
- Luminous flux: 15'700 lm
- Lux: (2°) 140'000 lx @ 15 m
- Lux: (50°) 3'000 lx @ 10 m
- Source life expectancy: 1.500 h

OPTICS

- Zoom: 2° ~ 50 ° motorised linear zoom
- Lens diameter: 153 mm
- Lens type: high-quality glass lens optics
- Focus: motorised with auto-focus

COLOUR SYSTEM

- Colour mixing: CMY colour system on 3 gradually fading colour wheels
- CCT: on wheel 2.500 K and 3.200 K + CTB
- Colour wheel: 13 dichroic filters on 3 independent colour wheels

DYNAMIC EFFECTS

- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos: 6 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 25,7 mm - image: 13 mm - thickness: 1,1 mm
- Fixed gobos: 18 fixed gobos + open
- Circular prism: 3 f with bi-directional rotation, indexing
- Linear prism: 6 f with bi-directional rotation, indexing
- Frost: linear 0 - 100% frost filter

BODY

- Pan angle: 630° - 540 °
- Tilt angle: 267 °
- Pan/Tilt resolution: bit 8 / 16-bit
- Feedback: automatic repositioning after accidental movement
- Body: aluminium structure with high-resistance polycarbonate cover
- Body colour: black

ACCESSORIES & RELATED PRODUCTS

- | | |
|----------------|--|
| ▪ RSR1235B | Steel security cable for hanging bodies, inox steel shackle, L=120 cm, black |
| ▪ 958225L03 | 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m |
| ▪ 9513FXWL03 | Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m |
| ▪ 9533FXWL03 | Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m |
| ▪ C6016B | Quick-trigger slim clamp, 250Kg load, 48-51mm tubes, M10 bolt incl, Black |
| ▪ TOUR53415L03 | Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m |

CONTROL

- Protocols: DMX512, RDM, Art-Net, W-DMX
- DMX channels: 21 / 24 / 26 channel
- Wireless Control: included, wireless solution receiver
- RDM: RDM for remote monitoring and settings
- Display: LCD high resolution colour display with autoflip
- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/UPBOX2) not included
- Hibernation: power safe mode when lost DMX

ELECTRONICS

- Dimmer: linear 0 ~ 100% mechanical dimmer
- Strobe / shutter: 1 - 28 flash(s), mechanical
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +45°
- ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 585 W
- Max power consumption (at 120V): 585 W

PHYSICAL

- IP rating: 20
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Pan / tilt lock: for transportation and maintenance
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Data connection: Art-Net RJ45 IN/OUT
- Power connection: Neutrik powerCON TRUE1 IN connector
- Dimensions (WxHxD): 411x714x258 mm
- Weight: 27 kg

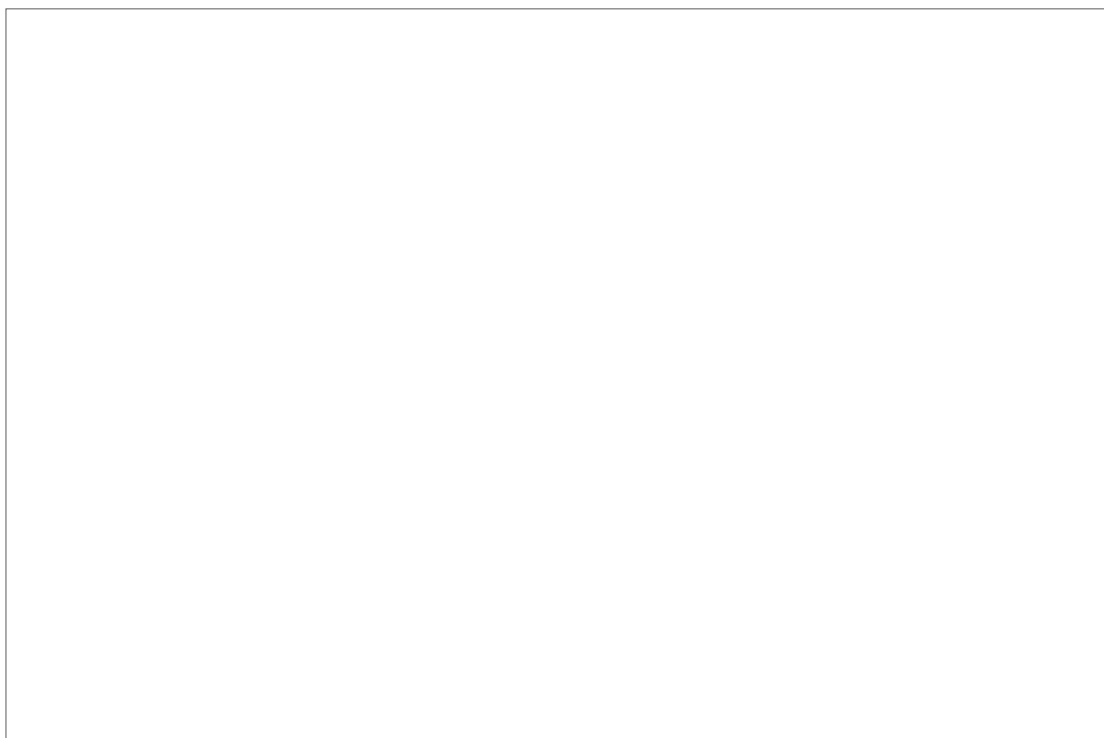
CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM

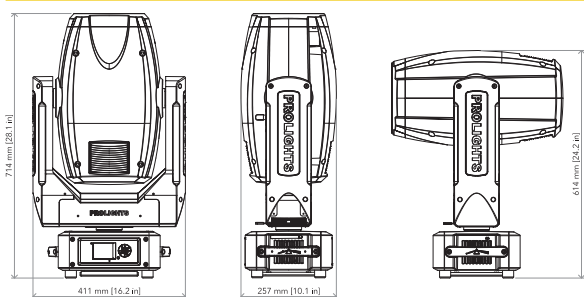
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|---------------|--|
| ▪ LRLUNA | Single Universe DMX transceiver with Bluetooth |
| ▪ OSHRI440W | Sirius HRI 440W S discharge lamp |
| ▪ OSHRI440WSP | Sirius HRI 440W S+ discharge lamp |
| ▪ OS24D13 | Quick-lock omega bracket, M12 hole |
| ▪ OS24 | Quick-lock omega bracket. |
| ▪ WSA40501 | WDMX, antenna 2.4Ghz 2dBi omnidirectional, folding, SMA-male, indoor |
| ▪ FCLRAZOR440 | Flight case for 2x RAZOR440 |
| ▪ UPBOX2 | Firmware uploader kit, USB IN, 3-pin XLR DMX OUT |
| ▪ WR24ANG5 | WIRELESS SOLUTION, nano RX DMX 3.3V/5V-18V MCX |

PRESET FULL ON

Beam angle 50%: 74,6°



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website
for specifications and
tech documentations

