



BEAM, SPOT
WASH & FX
FIXTURE

CMY
COLOUR MIXING
SYSTEM

12 BEAM
& FLOWER
EFFECTS

ROTATING & STATIC
GOBOS
ANIMATION
WHEEL

MEGA Pointe®

MEGA Pointe®

Packaging

Cardboard



Exterior dimensions
520 x 400 x 820 mm
(20.5" x 15.7" x 32.3")

Single Top Loader Case



600 x 600 x 745 mm
(23.6" x 23.6" x 29.3")

Dual Top Loader Case



horizontal:
1050 x 600 x 745 mm
(41.3" x 23.6" x 29.3")

vertical:
620 x 600 x 880 mm
(24.4" x 23.6" x 34.6")

Quad Top Loader Case



1200 x 600 x 880 mm
(47.2" x 23.6" x 34.6")



www.robe.cz



Head office: ROBE lighting s. r. o. | Házovice 2090 | 756 61 Rožnov pod Radhoštěm | Czech Republic
Tel.: +420 571 751 500 | Fax: +420 571 751 515 | E-mail: robe@robe.cz

Factory: ROBE lighting s. r. o. | Palackého 416 | 757 01 Valašské Meziříčí | Czech Republic

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MEGA
BRIGHT
2.200.000 LX @ 5 M

CRI
80/90

ZOOM
BEAM 1.8° - 21°
SPOT 3° - 42°

REMOTE
HOT-SPOT
CONTROL



Technical Specification

MEGA
Pointe

MEGA
Pointe

Product diagrams

MEGA bright with MEGA features and still compact. The MegaPointe from Robe.

OUR NEW REFERENCE POINT!

Our all-new MegaPointe elevates the original all-in-one fixture to a whole new level. Unleash your creativity using the bright sharp parallel beams, excellent gobo projection, precise movement, smooth CMY colour mixing and a multitude of beam splitting, wash and shaping effects.

The Robe R&D team worked with Osram to provide a 470W lamp that aligns perfectly with the cutting edge optical system. This design provides a brilliant, crystal clear, razor-edged beam, adjustable from a punchy 1.8 out to a wide 42 degree zoom.

Both static and rotating (glass) gobos produce precision in-air effects or projected images with a sharp, high-contrast, flat field.

The newly designed effects engine can produce 12 varying beam and 'flower' effects. The beam can also be shaped using innovative shutter emulation, further creating a whole new blend of content & creativity.

Source

- Lamp: Discharge short arc lamp with integrated reflector
- Approved model: Osram Sirius HRI 470 W RO
- Lifetime: 1,500 hours @ 470W Standard mode, 2,000 hours @ 380W Eco mode
- CRI: 80/90
- CCT: Light Output 6,300 K
- Lamp: 7,500 K
- Control: Automatic and remote on/off
- Ballast: Electronic

Optical System

- Robe's proprietary optical design (Patent pending).
- Zoom optical system: 14:1
- Light output: Beam mode 1.8°: 2,200,000 lx @ 5 m
Beam mode 1.8°: 137,500 lx @ 20 m
Spot mode 3°: 715,300 lx @ 5 m
Spot mode 3°: 44,710 lx @ 20 m
- Zoom range: 1.8°- 21° beam mode
3°- 42° spot mode
- Output lens diameter: 150 mm
- Fixture total lumen output: 20,375 lm

Dynamic Effects

- Cyan: 0-100 %
- Magenta: 0-100 %
- Yellow: 0-100 %
- Colour Wheel: 13 dichroic filters + white
- Rotating gobo wheel: 9 rotating, indexable and replaceable gobos
- Static gobo wheel: 14 gobos + open
- Animation wheel: Aluminium animation wheel, used alone or in combination with gobos, rotating in both directions at variable speed
- Innovative Effect Engine consisting of 6 prisms placed on two wheels, producing 12 various Beam and Flower effects (Patent pending)
- Beam shaper emulating framing shutters and creating rectangular beam shapes, rotatable and indexable (Patent pending)
- Frost: variable 1° (light) and 5° (medium)
- Motorized zoom and focus
- Remote Hot-spot control: adjustable from 5:1 to 2.5:1 in spot mode and from 7:1 to 2.7:1 in beam mode (Patent pending)
- Pre-programmed random strobe & pulse effects
- Dimmer: 0-100 %

Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Wireless CRMX™ technology from Lumen Radio: On request
- DMX Protocol modes: 2
- Control channels: 39, 34
- Pan/Tilt resolution: 8 or 16 bit

MEGA
Pointe

Thermal Specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum housing temperature: 80°C (176°F)
- Minimum operating temperature: -5°C (23°F)

Electrical Specification and Connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 670 W at 230 V / 50 Hz
- Power in connector: Neutrik powerCON TRUE1
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in: RJ45

Approvals

- CE Compliant
- cETLUS Compliant

Mechanical Specification

- Height: 640 mm (25.2") - head in vertical position
- Width: 396 mm (15.6")
- Depth: 230 mm (9.1")
- Weight: 22 kg (48.5 lbs)

Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
- 2 x Omega adaptors with 1/4-turn quick locks
- Pan and Tilt transport locks
- Safety cable attachment point

Accessories

- Lamp Osram Sirius HRI 470W RO
- Doughty Trigger Clamp
- Safety wire 35 kg
- Single Top Loader Case (Horizontal)
- Dual Top Loader Case (Vertical, Horizontal)
- Quad Top Loader Case (Vertical)
- Foam Shell - Single Vertical, Dual Vertical, Single Horizontal

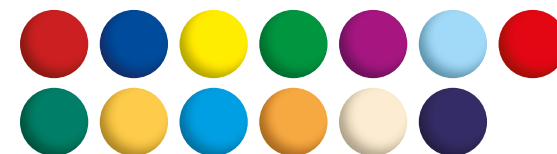
Included Items

- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 In connector

Legal

- MegaPointe® is Registered Trademark of Robe lighting s. r. o.
- MegaPointe® is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

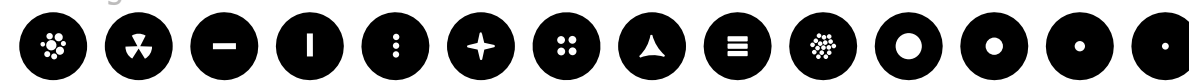
Colour wheel



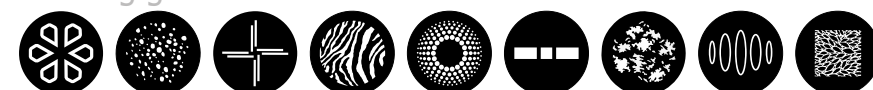
CMY Colour Mixing system:



Static gobo wheel

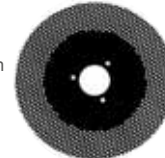


Rotating gobo wheel



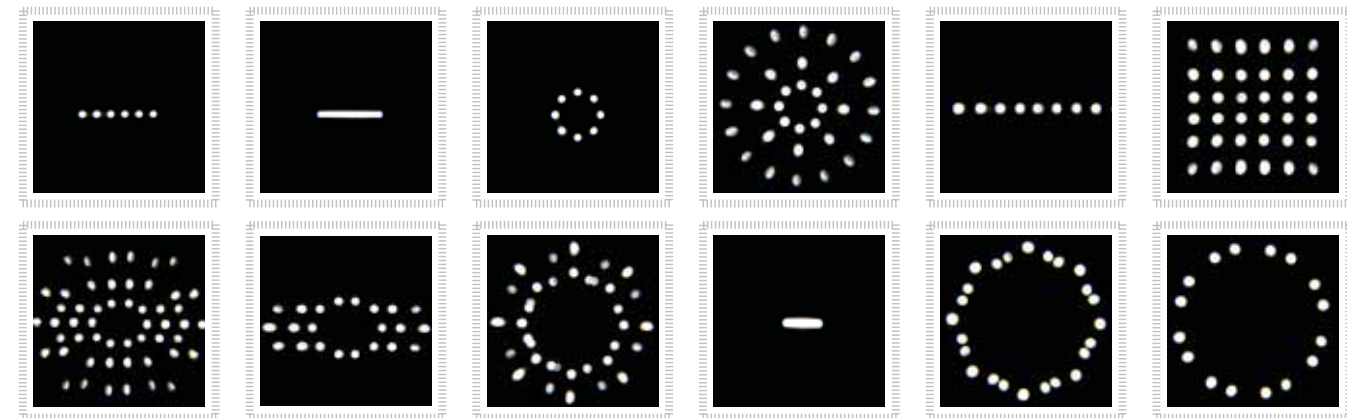
Animation wheel

The new aluminium animation wheel (ø 110 mm) can be used alone or in combination with gobos.

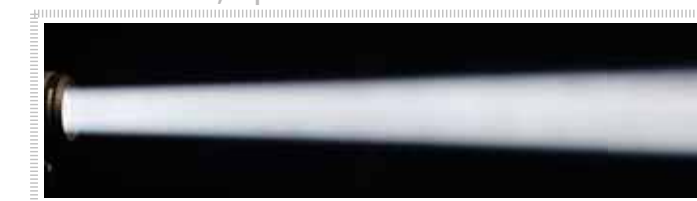


Beam and Flower Effects

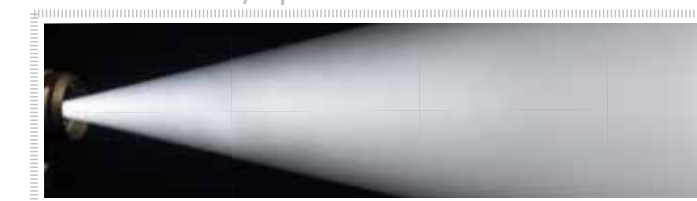
Innovative Effect Engine consisting of 6 prisms placed on two wheels, producing 12 various Beam and Flower effects (Patent pending).



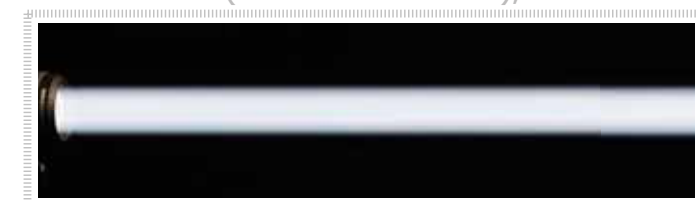
3° Min. Zoom, Spot mode



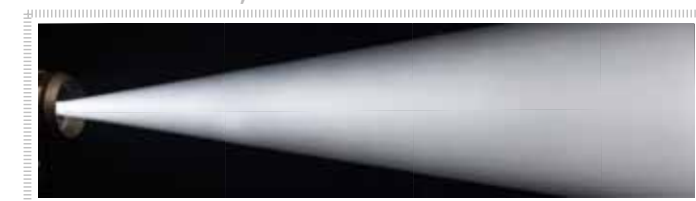
42° Max. Zoom, Spot mode



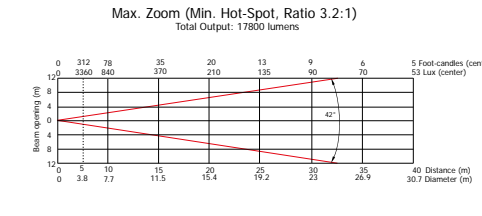
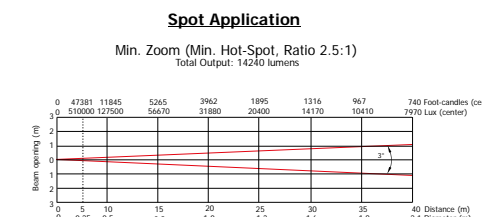
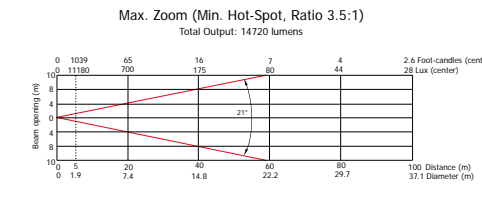
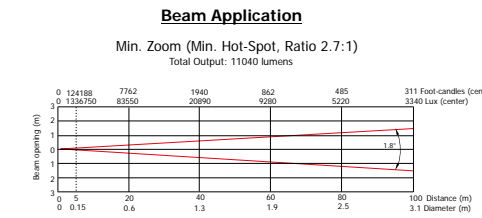
0° Min. Zoom (with beam reducer), Beam mode



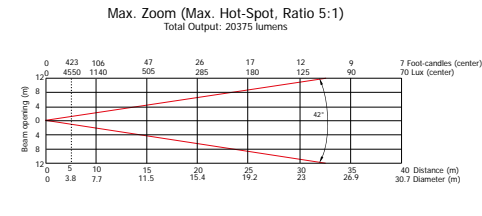
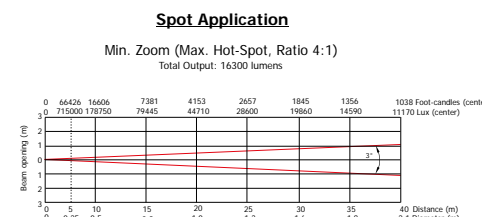
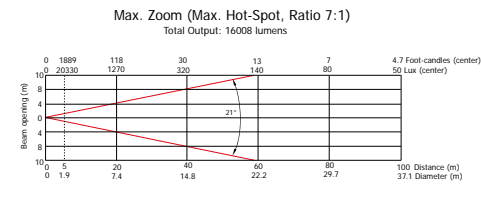
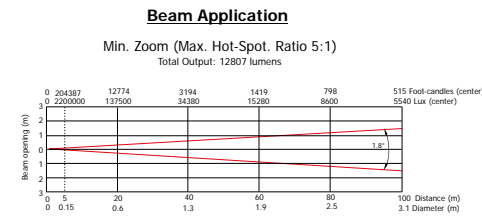
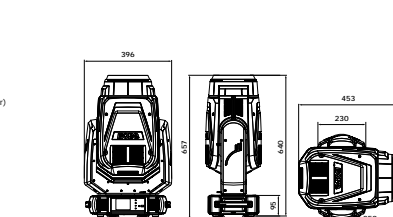
21° Max. Zoom, Beam mode



IN-Air Effects



Lamp in Standard mode



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