

BEAM, SPOT
WASH & FX
FIXTURE

C M Y
COLOUR MIXING
SYSTEM

12 BEAM
& FLOWER
EFFECTS

ROTATING & STATIC
GOBOS
ANIMATION
WHEEL

MEGA Pointe®



ROBIN®
Innovative Technology

www.robe.cz

ROBE®

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MEGA
BRIGHT
2.215.000 LX@5M

CRI
80/90

ZOOM
BEAM 1.8° - 21°
SPOT 3° - 42°

REMOTE
HOT-SPOT
CONTROL

Technical Specification

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Product diagrams

This is our new reference point!

I MEGA bright with MEGA features and still compact. The MegaPointe!

Our all new MegaPointe elevates the original all-in-one fixture to a whole new level of professional lighting. Unleash your creativity with MegaPointe's bright sharp parallel beams, excellent spot gobo projections, super-fast movement, smooth CMY color mixing and a multitude of effects including beam splitters, washers and shapers.

With MegaPointe you can project static or rotating glass gobos and produce precision in-air and surface images with an even focal plane. The cutting-edge optical system is in perfect synergy with the Robe exclusive 470W discharge short arc lamp and as a result you can create resulting in beams with super tight 1.8° punchy blades of light or a full 42° degree zoom with an output that is crystal clear and brilliant.

MegaPointe can also create wide-reaching mid-air projections with a newly designed Effect engine producing 12 various Beam and Flower effects. Beam shaper-based framing shutter emulation and rectangular beam patterns inspire next-generation content and creativity.

Choose to use one or both the light and medium frost filters and merge them with any combination of colors mixed on the variable CMY system and make the beams stand out with 13 rich colors or create a smooth even wash.

Source

- Lamp: Discharge short arc lamp with integrated reflector
- Approved model: Osram Sirius HRI 475/5 W RO
- Lifetime: 1,500 hours @ 470W Standard mode, 2,000 hours @ 380W Eco mode
- CRI: 80/90
- CCT Light Output: 6,200 K, CCT 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
- Zoom range: 1.8°- 21° beam mode
3°- 42° spot mode
- Output lens diameter: 150 mm
- Fixture total lumen output: 20,375 lm
- Light output: Beam mode 1.8°: 2,215,000 lx @ 5 m
Beam mode 1.8°: 138,440 lx @ 20 m
Spot mode 3°: 715,300 lx @ 5 m
Spot mode 3°: 44,710 lx @ 20 m

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

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Thermal Specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum housing temperature: 80 °C (178 °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

Movement

- Pan movement: 540°
- Tilt movement: 270°
- Movement control: Standard and Speed
- Automatic Pan/Tilt position correction
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patent pending)

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
- 2x Omega adaptors with 1/4-turn quick locks
- Pan and Tilt transport locks
- Safety cable attachment point

Included Items

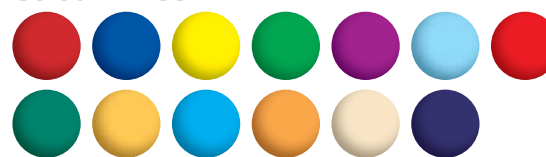
- User Manual
- Omega Adaptor CL-regular 2 pcs
- Power cord including powerCON TRUE1 In connector

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

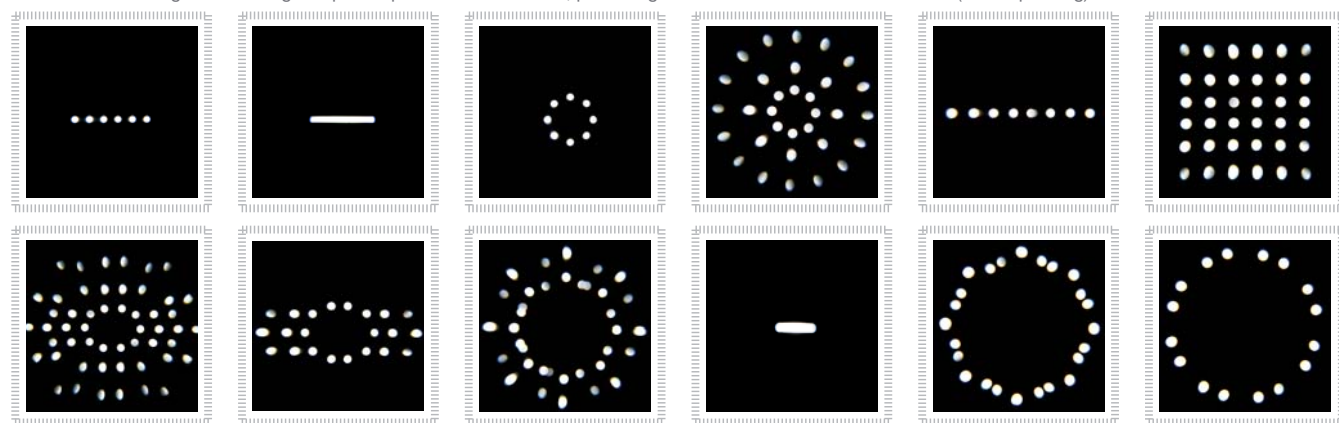


Rotating gobo wheel



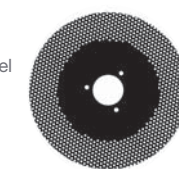
Beam and Flower Effects

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



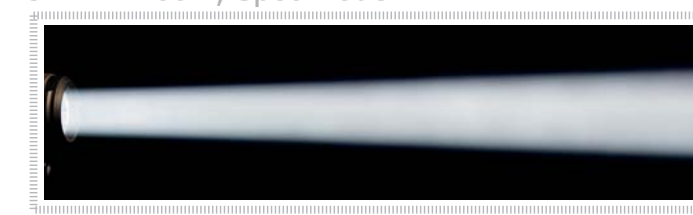
Animation wheel

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

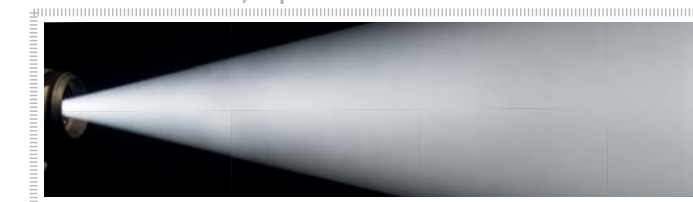


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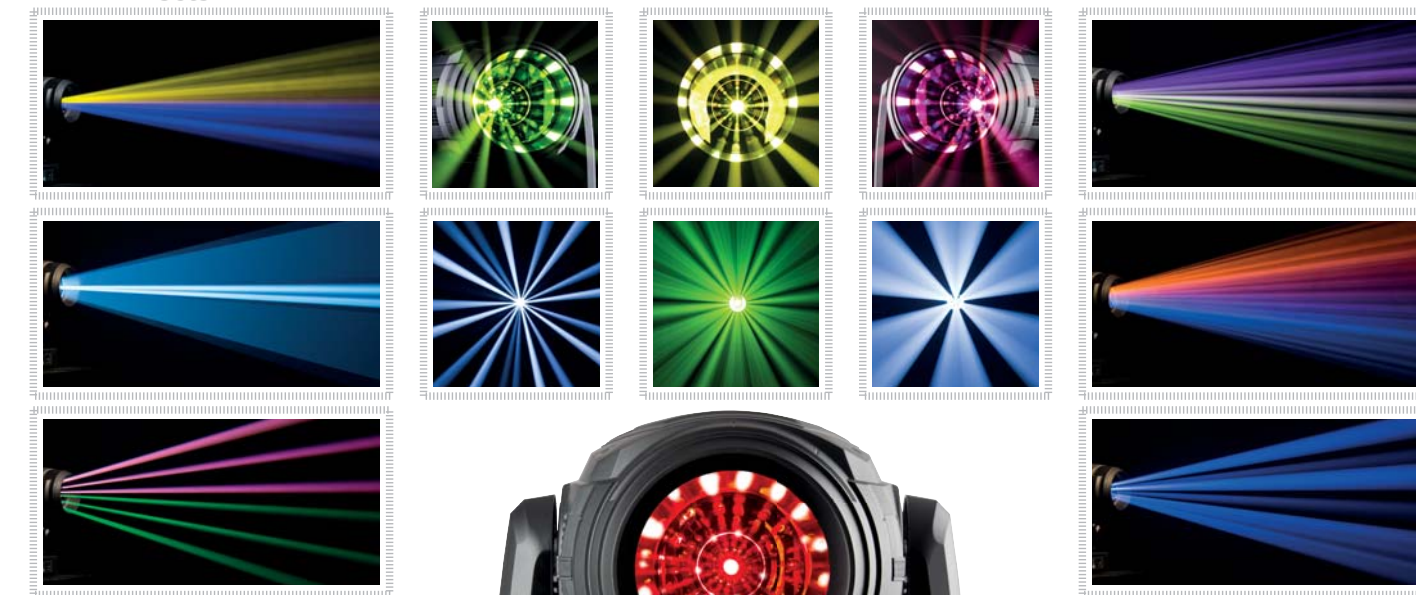
3° Min. Zoom, Spot mode



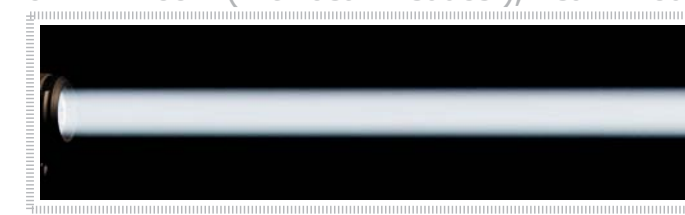
42° Max. Zoom, Spot mode



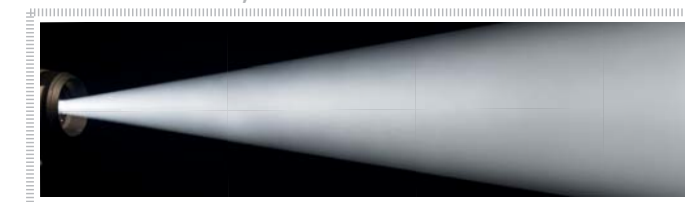
IN-Air Effects



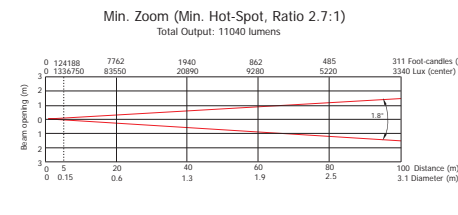
0° Min. Zoom (with beam reducer), Beam mode



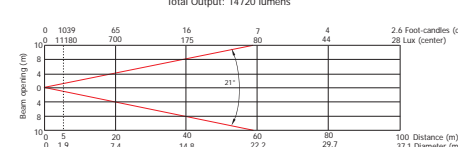
21° Max. Zoom, Beam mode



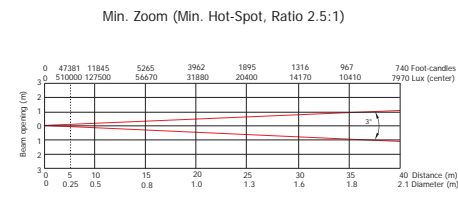
Beam Application



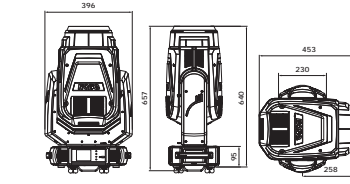
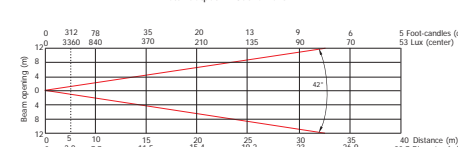
Max. Zoom (Min. Hot-Spot, Ratio 3.5:1)



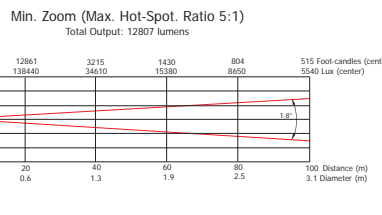
Spot Application



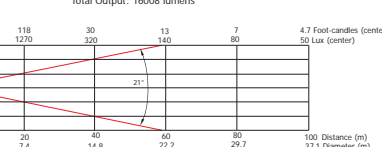
Max. Zoom (Min. Hot-Spot, Ratio 3.2:1)



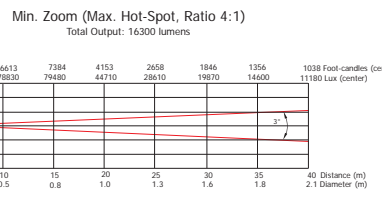
Beam Application



Max. Zoom (Max. Hot-Spot, Ratio 7:1)



Spot Application



Max. Zoom (Max. Hot-Spot, Ratio 5:1)

