ROBE lighting s .r. o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

ROBE®

iPointe®

OUR OUTDOOR POINT!

Light source
Osram Sirius HRI 310 W RO

Light output
Bright output of 1.584.660 lx @ 5 m

Zoom range
1.8°– 21° beam mode, 3°– 42° spot mode

Effects
CMY mixing, rotating and static gobo wheel, animation wheel, 12 beam and flower effects

Robe's iPointe combines innovative ingress protection with the spectacular effect features of the MegaPointe - the best product on the market in its category.

Perfect for festivals, concerts and outdoor events and any scenario needing to deal with inclement or unpredictable weather - the iPointe is a bright, powerful multifunctional luminaire that works equally well as a beam, spot, effect and wash fixture.

The ingenious ingress protection has been designed and developed diligently over two years by Robe's R'n'D team and comprises a series of interconnected filters and air chambers that prevent water from entering the fixture as well as the need for frequent cleaning and maintenance.

The iPointe's impressive lightsource is a 310W lamp, with a lifetime of up to 4.000 hours, specially developed for Robe by Osram. It produces a brilliant, crystal clear, razor-edged beam, adjustable from a tight, punchy 1.8 degree beam to a wide 42 degrees spot.

The beam can be accurately shaped and positioned by using the innovative framing shutters emulation.

Both static and rotating glass gobos produce precision in-air effects and projected images with a sharp, high-contrast, flat field. An inventive new effects engine can produce 12 varying beam and 'flower' effects, all of this taking a winning combination of creativity and weather-resistance to new levels.

Thanks to its design, the iPointe offers seamless cross-usage with MegaPointe, featuring the same DMX control, but in well-protected, water resistant housing.

Pointe, MegaPointe, iPointe. The best all-in-one product range!

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Technical Specification

Source

- Lamp: Discharge short arc lamp with integrated reflector
- Approved model: Osram Sirius HRI 310W RO
- Lifetime:
  - 2.500 hours @ 310W Standard mode
  - 3.500 hours @ 230W Eco mode
  - 4.000 hours @ LL mode with auto recovery
- CRI: 80/90
- CCT:
  - Light output 7.200K
  - Lamp 8.500K
- 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: 11.628 lm
- Light output:
  - Beam mode
    - 1.8°: 1.584.660 lx @ 5 m
    - 1.8°: 99.040 lx @ 20 m
  - Spot mode
    - 3°: 381.540 lx @ 5 m
    - 3°: 23.846 lx @ 20 m

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Dynamic Effects and Features

- Cyan: 0 - 100%

- Magenta: 0 - 100%

- Yellow: 0 - 100%

- Colour Wheel: 13 dichroic filters + white

- Rotating gobo wheel: 9 rotating gobos + open, 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

- Beam shaper emulating framing shutters and creating rectangular beam shapes, rotatable and indexable (Patented)

- 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

- Pre-programmed random strobe & pulse effects

- Dimmer: 0 - 100%

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Control and programming

- Setting & Addressing: ROBE Navigation System 2 (RNS2)

- Display: QVGA Robe screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, built-in analyser for easy fault finding, NFC app controller

- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN

- REAP™ - Robe Ethernet Access Portal

- Wireless CRMX™ technology from Lumen Radio: standard

- DMX Protocol modes: 2

- Control channels: 39,34

- Pan/Tilt resolution: 16 bit

- Colour wheel positioning: 8 or 16 bit

- CMY: 8 bit

- CRI Selection: 80 or 90

- Rotating gobo wheel positioning: 8 bit

- Gobo indexing & rotation: 8 or 16 bit

- Static gobo wheel positioning: 8 bit

- Animation wheel: 8 bit

- Animation wheel rotation: 8 or 16 bit

- Prism indexing & rotation: 8 bit

- Frost: 8 bit

- Zoom: 8 or 16 bit

- Focus: 8 or 16 bit

- Hot-Spot: 8 bit

- Dimmer: 8 or 16 bit

Movement

- Pan movement: 540°

- Tilt movement: 265°

- 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 (Patented)

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Rotating gobos

- Glass gobos: 9 rotating gobos + open
- Outside diameter: 15.9 mm
- Image diameter: 12.5 mm
- Thickness: 1.1 mm
- High temperature borofloat or better glass
- "SLOT&LOCK" system for easy replacement of gobos

Static gobos

- Aluminium wheel with fixed gobos: 10 gobos & 4 beam reducers + open position

Thermal specification

- Maximum ambient temperature: 35°C (95°F)
- Maximum surface temperature: 90°C (194°F)
- Minimum operating temperature: -10°C (14°F)

Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: max. 550 W
- Power in connector: IP65 Neutrik powerCON TRUE1
- DMX and RDM data in/out: IP65 Locking 3-pin & 5-pin XLR connectors
- Ethernet port in: IP65 RJ45 connector

Mechanical specification

- Height: 761 mm (30.0") - head in vertical position
- Width: 506 mm (19.9")
- Depth: 277 mm (10.9")
- Weight: 38 kg (83.8 lbs)
- Ingress protection rating: IP55

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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

Optional accessories

- Lamp Osram Sirius HRI 310W RO: 14080065
- Doughty Trigger Clamp: 17030386
- Safety wire 50 kg: 99011957
- Single Top Loader Case: 10120249
- Dual Top Loader Case: 10120251
- Foam Shell: 20020350

Legal

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

Approvals

- cETLus
- CE

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Gobos&Colours

Rotating Gobo Wheel

15020341	15020352	15020351	15020347	15020337	15020350
15020355	15020354	15020342			

Colour Wheel
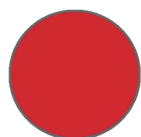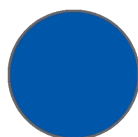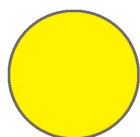
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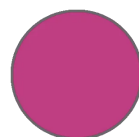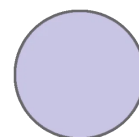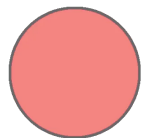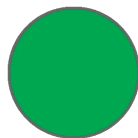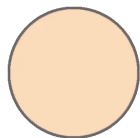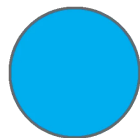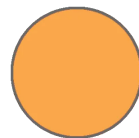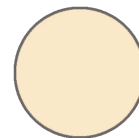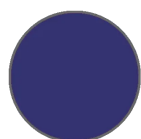
Fixed Gobo Wheel, Detail
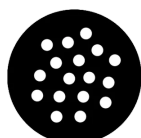
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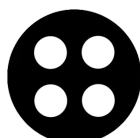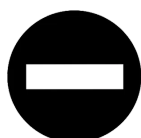
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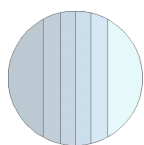Fax: +420-571-751515
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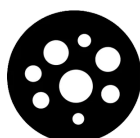
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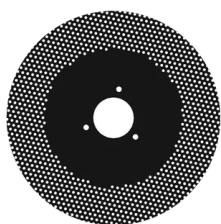
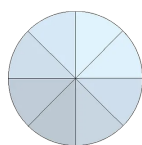

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Prism Wheel 1
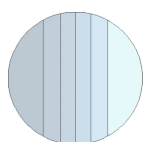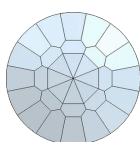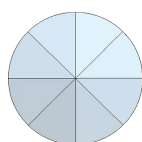

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Prism Wheel 2

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