

# Pointe®

It's very bright and super-fast with a sharp parallel beam that cuts through the air and across video with ease.

**Light source**

Osram Sirius HRI 280W RO

**Light output**

Beam mode: 9.870 lm, 82.400 lx @ 20 m; Spot mode: 5.150 lm, 90.000 lx @ 5 m

**Zoom range**

2,5° - 10° Beam mode, 5° - 20° Spot mode

**Effects**

rotating and static gobo wheel, circular 8-facet and linear 6-facet prism



It can project a static or rotating glass gobo to produce precision in-air and surface images with an even focal plane. Tight or at full 20 degree zoom, the output is crystal clear and brilliant. Add in either rotating, 6 way linear or 8 way circular, prisms to create wide reaching effects across any set. Drop in the frost filter and use any of the 13 rich colours to create a smooth even wash. The Pointe has an output far greater in size, quality and power than seems possible from its small, lightweight body - due to the efficient short arc 280 W discharge source and the Robe optical configuration. This new technology fixture even travels efficiently in a case of 4 and will cover all your needs - Beam, Spot, Wash, FX - there is no point in using any other fixture.

# Technical Specification

## Source

- Lamp: Discharge short arc lamp with integrated reflector
- Approved model: Osram Sirius HRI 280 W RO
- Lifetime: Standard mode (280 W) - 2.000 hrs, Eco mode (230 W) - 3.000 hrs
- CRI: 75
- CCT: 7000 K
- Control: Automatic and remote on/off
- Ballast: Electronic

## Optical system

- Robe's proprietary optical design
- Zoom range:
  - 2.5°-10° beam application
  - 5° - 20° spot application
- Output lens diameter: 110 mm
- Fixture total lumen output:
  - Beam mode: 9.870 lm
  - Spot mode: 5.150 lm
- Illuminance:
  - Beam mode: 82.400 lx @ 20 m
  - Spot mode: 90.000 lx @ 5 m

## Dynamic Effects and Features

- Colour wheel: 13 dichroic filters + white
- Rotating Gobo wheel: 9 rotating, indexable and replaceable "SLOT&LOCK" glass gobos + open
- Static Gobo wheel: 14 gobos + open
- Prism 1: 8-facet circular prism rotating in both directions at different speeds
- Prism 2: 6-facet linear prism rotating in both directions at different speeds
- Frost: Separate, variable
- Motorized zoom and focus
- 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
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN
- Wireless CRMX™ technology from Lumen Radio - on request
- DMX Protocol modes: 3
- Control channels: 24, 16, 30
- Stand-alone operation
- 3-editable programs, each up to 100 steps
- Pan/Tilt resolution: 8 or 16 bit
- Colour wheel positioning: 8 or 16bit
- Rotating gobo wheel positioning: 8 bit
- Static gobo wheel positioning: 8 bit
- Gobo indexing & rotation: 8 or 16bit
- Frost: 8 bit
- Zoom: 8 or 16bit
- Focus: 8 or 16bit
- Dimmer: 8 or 16bit

## Movement

- Pan movement: 540°
- Tilt movement: 270°
- Controllable speed of Pan & Tilt movement

## Rotating gobos

- Glass gobos: 9 rotating gobos
- 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 - beam gobos

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

## Thermal specification

- Maximum ambient temperature: 45°C (113°F)
- Maximum surface temperature: 90°C (194°F)
- Total heat dissipation: max. 1600 BTU/h (calculated)

## Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: 470 W at 230 V / 50 Hz
- Power in connector: Neutrik powerCON
- DMX and RDM data in/out: Locking 3-pin & 5-pin XLR
- Ethernet port in/out: RJ45

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- Height: 575 mm (22.6") - head in vertical position
- Width: 365 mm (14.3")
- Depth: 250 mm (9.8")
- Weight: 15 kg (33 lbs)
- Ingress protection rating: IP20

## Rigging

- Mounting points: 2 pairs of ¼-turn locks
- 2x Omega adaptors with ¼-turn quick locks
- Universal operating position
- Pan & Tilt transport locks
- Safety cable attachment point

## Included items

- User Manual
- Power cord including powerCON In connector

## Optional accessories

- Lamp Osram Sirius HRI 280W RO: 14080047-01
- Frost 0.5° (exchange) assembled: 10980626
- Frost 1° (exchange) assembled: 10980627
- Frost 5° (exchange) assembled: 10980628
- Frost 10° (exchange) assembled: 10980629
- Frost 20° (exchange) assembled: 10980630
- Frost 30° (exchange) assembled: 10980631
- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Single omega bracket for one clamp: 10980781
- Single Top Loader Case: 10120140-01
- Dual Top Loader Case: 10120146-01
- Quad Top Loader Case: 10120139-01
- Foam Shell: 20020191

## Legal

- Pointe<sup>®</sup> is a registered trademark of Robe lighting s. r. o.
- Pointe<sup>®</sup> is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

## Gobos&Colours

### Rotating Gobo Wheel



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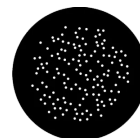
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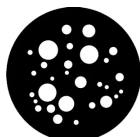
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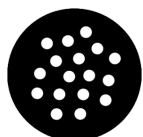


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### Fixed Gobo Wheel, Detail



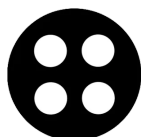
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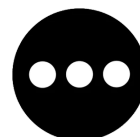
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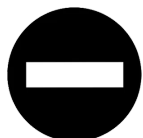
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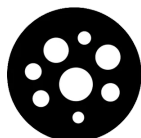
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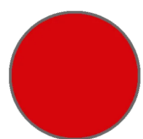


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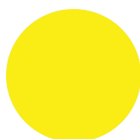
### Colour Wheel



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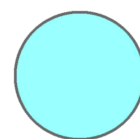
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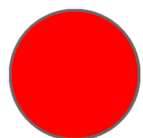
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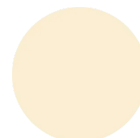
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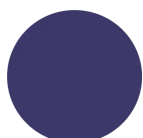
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