

# Pointe®

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

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 it's 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.



Osram Sirius HRI 280W RO



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



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



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

# 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

1. Robe's proprietary optical design
2. 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

- Light output:
  - Beam mode: 82.400 lx @ 20 m
  - Spot mode: 90.000 lx @ 5 m

## DYNAMIC EFFECTS

1. Colour wheel: 13 dichroic filters + white
2. Rotating Gobo wheel: 9 rotating, indexable and replaceable "SLOT&LOCK" glass gobos + open
3. Static Gobo wheel: 14 gobos + open
4. Prism 1: 8-facet circular prism rotating in both directions at different speeds
5. Prism 2: 6-facet linear prism rotating in both directions at different speeds
6. Frost effect: Separate, variable
7. 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
- 3-editable programs, each up to 100 steps
- Stand-alone operation
- 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
- Pan/Tilt resolution: 8 or 16 bit
- Colour wheel positioning: 8 or 16bit
- Rotating gobo wheel positioning: 8 bit
- Gobo indexing & rotation: 8 or 16bit
- Static gobo wheel positioning: 8 bitt
- Frost: 8 bit
- Zoom: 8 or 16bit
- Focus: 8 or 16bit
- Dimmer: 8 or 16bit

## 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)

## 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

## MECHANICAL SPECIFICATION

- Height: 575 mm (22.6") - head in vertical position
- Width: 364 mm (14.3")
- Depth: 250 mm (9.8")
- Weight: 15 kg (33 lbs)

## **RIGGING**

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

## **MOVEMENT**

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

## **APPROVALS**

- CE Compliant
- cETLus Compliant

## **INCLUDED ITEMS**

- User Manual
- Power cord including powerCON In connector

## **ACCESSORIES**

- Lamp Osram Sirius HRI 280W RO: 14080047-01
- Doughty Trigger Clamp: 17030386
- Safety wire 35 kg: 99011963
- Single Top Loader Case: 10120140-01
- Dual Top Loader Case: 10120146-01
- Quad Top Loader Case: 10120139-01
- Foam Shell: 20020191

## **LEGAL**

- Pointe® is a registered trademark of Robe lighting s. r. o.
- Pointe® 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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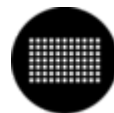
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### COLOUR WHEEL



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### FIXED GOBO WHEEL



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