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

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SilverScan™

Speed, great colours and beautiful gobos have always been our top priorities. Our SilverScan celebrates 25 years of ROBE lighting fixtures and their continuing evolution.



Light source

350 W White LED engine

Light output

9.020 lm

Zoom range

9° - 27°

Effects

Super fast mirror movement, rotating and static gobo wheel, 3-facet rotating prism

With super-fast, accurate mirror movement using our new Patent Pending positioning system, the bright and colourful SilverScan packs all the latest technology into a good-looking, compact, LED-based, classic lighting performer.

The 350W white LED light engine, producing over 9000 lumens, gives an extra punchy beam with even flat field and an incredible 20.000 hours of operation.

Smooth colour transitions and fixed vivid, radiant colours can be applied from the CMY mixing system and colour wheel, with 7 rotating or 9 static gobos included for projections or mid-air effects. The smooth zoom can go out to 27° at its widest whilst the minimum 9° zoom, produces a piercing beam that can be further trimmed using the ultra-fast stepless iris.

The sleek design incorporates a Patent Pending handle for fast stage-floor deployment and a low profile bracket option which is available for horizontal mounting onto a low ceiling.

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Technical Specification

Source

- Light source type: 350 W White LED engine
- LED life expectancy: min. 20.000 hours
- Typical lumen maintenance: 70% @ 20.000 hours
- Colour temperature: 6.500 K
- Typical lumen maintenance: L70/B50 @ 40.000 hours
- Light source warranty: 3 years or 20.000 hours

Optical system

- Robe's proprietary optical design
- High-efficiency zoom optical system, ratio 3:1
- Zoom range: 9°– 27°
- Fixture total lumen output: 9.020 lm

Dynamic Effects and Features

- Cyan: 0–100%
- Magenta: 0–100%
- Yellow: 0–100%
- Colour Wheel: 6 fixed dichroic colours + white
- Virtual Colour Wheel: with 66 preset swatches
- Rotating gobo wheel: 7 rotating, indexable, replaceable "SLOT&LOCK" glass gobos + open
- Static gobo wheel: 9 aluminium gobos + open
- Prism: 3-facet circular rotating prism
- Iris: Motorized, stepless, pulse effects up to 3 Hz
- Frost: Variable, replaceable 5° frost filter; optional 1° and 10°
- Motorized zoom and focus
- High speed Pan/Tilt mirror movement
- Shutter: Electronic with variable speed strobe (max. 20 flashes per second)
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 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: 32, 26
- Pan/Tilt resolution: 16 bit
- CMY: 8 bit
- Colour wheel positioning: 8 bit
- Rotating gobo wheel positioning: 8 bit
- Gobo indexing & rotation: 8 or 16 bit
- Static gobo wheel positioning: 8 or 16 bit
- Iris: 8 or 16 bit
- Frost: 8 bit
- Zoom: 8 or 16 bit
- Focus: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

Movement

- Pan mirror movement: 165°
- Tilt mirror movement: 35°
- Movement control: Standard and Speed
- Automatic mirror position correction (Patent Pending)

Rotating gobos

- 7x rotating glass gobos
- Outside diameter: 26.8 mm
- Image diameter: 20.0 mm
- Thickness: 1.1 mm
- Max. thickness: 3.5 mm
- High temperature borofloat or better glass
- “SLOT&LOCK” system for easy replacement of gobos

Static gobos

- Aluminium wheel with 9 fixed gobos + open position
- Image diameter: 18.5 mm
- Thickness: 0.5 mm

Thermal specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 75°C (167°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: 400 W at 230 V / 50 Hz
- Power in connector: Neutric 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: 736 mm (30”)
- Width: 381 mm (15”)
- Depth: 402 mm (15.8”)
- Weight: 16.5 kg (36.4 lbs)
- Ingress protection rating: IP20

Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: via Mounting Bracket

Included items

- User Manual
- Power cord including powerCON TRUE1 In connector

Optional accessories

- Safety wire 35 kg: 99011963
- Frost 1° (exchange) assembled: 10980308

- Frost 10° (exchange) assembled: 10980309
- Ceiling mounting kit: 10980448
- Doughty Trigger Clamp: 17030386
- Short Bracket : 10980453
- Single Top Loader Case: 10120252
- Foam Shell: 20020359

Legal

- SilverScan™ is a Trademark of Robe lighting s. r. o.
- SilverScan™ is patented by Robe lighting s. r. o. and protected by one or more pending or issued patents

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Gobos&Colours

Rotating Gobo Wheel


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15020370


15020369


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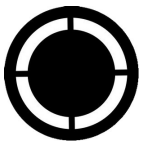
Fixed Gobo Wheel, Detail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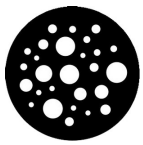
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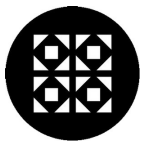
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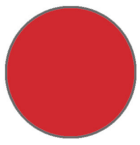
Colour Wheel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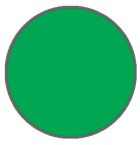
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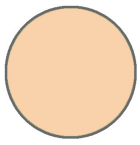
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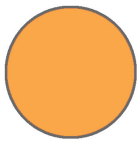
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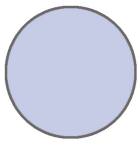
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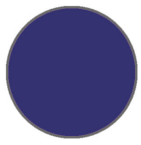
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