

SPOTE™

When you demand quality, with absolutely no compromise, in a compact spot then SPOTE™ fits the bill! Fun, fast and feature packed, SPOTE™ is ideal for your club, bar or corporate event.

**Light source**

TE™ 70W White LED TRANSFERABLE ENGINE

**Light output**

3.400 lm, fixture total lumen output, Cpulse™ special flicker free management for HD and UHD cameras, ready for 8K and 16K

**Zoom range**

16° fixed beam (24° optional wide lens kit)

**Effects**

Rotating gobo wheel, Color wheel, Frost, 8-facet circular prism



Designed for dynamic effects and projections, within its compact body, SPOTE™ produces an impressive 3.400 lumens of sparkling, clear, white light. To easily maintain light quality and consistency across your inventory, SPOTE™ utilises the TE™ 70W White LED engine, from our ground-breaking Transferable Engine technology.

The fixed beam 16-degree lens has remote control focus and can be changed to the optional 24-degree lens for shorter throw and low ceiling scenarios. The dynamic effects package includes a Colour wheel with 13 dichroic filters; Gobo wheel with 9 fully indexable, rotating, replaceable gobos; 8-facet bi-directional rotating prism and a 5-degree frost for silky smooth washes.

Technical Specification

Source

- Light source type: TE™ 70W White TRANSFERABLE ENGINE
- LED life expectancy: min. 50.000 hours
- Colour temperature: 6.700K
- Typical lumen maintenance: L70/B50 @ 50.000 hours
- Light source warranty: 4 years or 20.000 hours

Optical system

- Robe's proprietary optical design
- Beam angle: 16° with remote focus
- Output lens diameter: 70 mm
- Fixture total lumen output:
 - 3.400 lm (integrating sphere)
 - 2.700 lm (goniophotometer)
- Optional wide lens: 24°

Dynamic Effects and Features

- Colour Wheel: 13 dichroic filters + white
- Rotating gobo wheel: 9 rotating, indexable and replaceable breakup and aerial gobos + open, patented slot & lock system
- Prism: 8-facet prism rotating in both directions at variable speed
- Frost: 5° for even wash
- Motorized focus
- Electronic strobe effect with variable speed up to 20 Hz, pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0 - 100%
- L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K
- AirLOC™ (Less Optical Cleaning) technology greatly reduces the level of airborne particles drawn over the optical elements. This increases the overall performance, light quality and time between routine cleaning and maintenance.

Control and programming

- Setting & Addressing: two-row LCD display & 4 control buttons
- Protocols: USITT DMX-512, RDM
- REAP™ - Robe Ethernet Access Portal
- Wireless CRMX™ technology from Lumen Radio - on request

- Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity - on request
- DMX Protocol modes: 1
- Control channels: 25
- Pan/Tilt resolution: 16 bit
- Colour wheel positioning: 16 bit
- Rotating gobo wheel positioning: 8 bit
- Gobo indexing & rotation: 16 bit
- Prism indexing & rotation: 8 bit
- Frost: 8 bit
- Focus: 16 bit
- Dimmer: 16 bit (internal 18 bit)

Movement

- Pan movement: 540°
- Tilt movement: 270°
- Movement control: Standard and Speed
- Controllable speed of Pan/Tilt movement
- Automatic Pan/Tilt position correction

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

Thermal specification

- Maximum ambient temperature: 45 °C (113 °F)
- Maximum surface temperature: 70 °C (158 °F)
- Minimum operating temperature: -5 °C (23 °F)

Noise Levels

- Sound pressure level:
 - 32 dB(A) at 1 m (quiet mode)
 - 49 dB(A) at 1 m (auto mode)
- Sound power level:

- 40 dB(A) (quiet mode)
- 57 dB(A) (auto mode)

Electrical specification

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: max. 130 W
- Power in/out connector: Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: Locking 5-pin XLR
- Ethernet port in/out: RJ45, for Embedded Epass™ switch 10/100 Mbps - on request

Approvals

- CE Compliant
- cETLus Compliant (pending)

Mechanical specification

- Height: 510 mm (20") - head in vertical position
- Width: 343 mm (13.5")
- Depth: 220 mm (8.7") - head in vertical position
- Weight: 11 kg (24.3 lbs)
- Ingress protection rating: IP20

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
- Safety cable attachment point
- Tilt transport lock

Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs: 10980033

Optional accessories

- Optional wide lens: 24° 10980553
- Wireless DMX external module: 10980127
- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Mains Cable powerCON TRUE1 In/Schuko, 2m, Indoor: 13052405
- Mains Cable powerCON TRUE1 In/US, 2m, Indoor: 13052406
- Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439
- Mains Cable powerCON TRUE1 In/CEE 16A, 2m, Indoor: 13052445
- Mains Cable powerCON TRUE1 In/Open ended, 2m, Indoor: 13052407
- Daisy Chain powerCON TRUE1 In/Out, US, 2m, Indoor: 13052440
- Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444
- Single Top Loader Case: 10120269
- Quad Top Loader Case: 10120270
- Foam Shell: 20020394

Legal

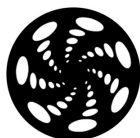
- SPOTE™ is a Trademark of Robe lighting s. r. o.
- SPOTE™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents

Gobos&Colours

Rotating Gobo Wheel



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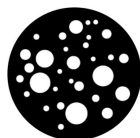
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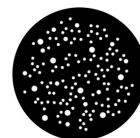
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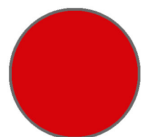


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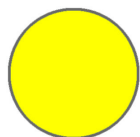
Colour Wheel



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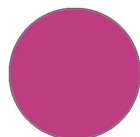
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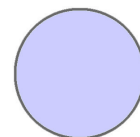
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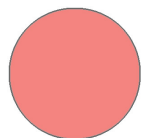
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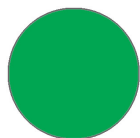
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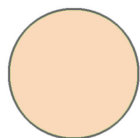
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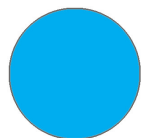
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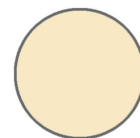
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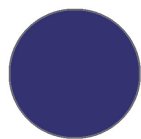
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