

# 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)

## 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



15020387



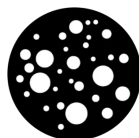
15020388



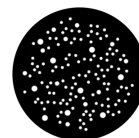
15020389



15020390



15020391



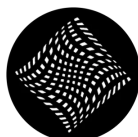
15020392



15020393

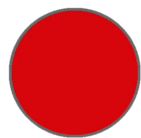


15020394



15020395

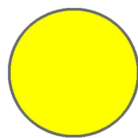
### Colour Wheel



14070356



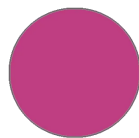
14070357



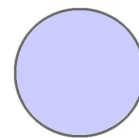
14070358



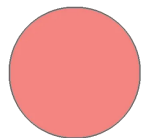
14070374



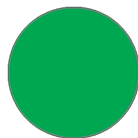
14070360



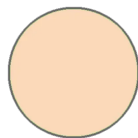
14070375



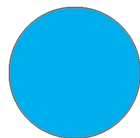
14070371



14070377



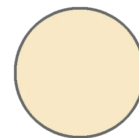
14070370



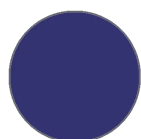
14070364



14070365



14070366



14070367