

**SPOTE™**  
TRANSFERABLE ENGINE



**ROBE®**

# SPOTE III™

70W WHITE  
**TE™**  
LED ENGINE

**2.700 lm**  
FIXTURE  
TOTAL  
LUMEN OUTPUT

**FIXED**  
16° BEAM  
ANGLE

SUPER-FAST  
**PAN AND TILT**  
MOVEMENT

**ROTATING**  
GOBO  
& COLOUR  
WHEELS

LIGHTWEIGHT  
**BODY**  
ONLY 11 KG



# Technical Specification

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.

Designed for dynamic effects and projections, within its compact body, SPOTE™ produces an impressive 2.700 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.

## Source

- Light source type: TE™ 70W White LED 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: 2.700 lm
- 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
- Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity - on request
- Wireless CRMX™ technology from Lumen Radio - 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)
- Minimal 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: max. 130 W

- Power connector in/out: 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

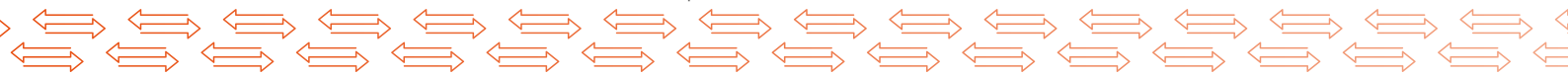
- Mounting positions: Horizontally or vertically
- Universal operating position
- Mounting points: 2 pairs of 1/4-turn locking points
- 2x Omega adaptors with 1/4-turn quick locks
- Safety cable attachment point
- Tilt transport lock

## Included Items

- User manual
- Omega adaptor CL-regular 2 pcs: 10980033

## Optional Accessories

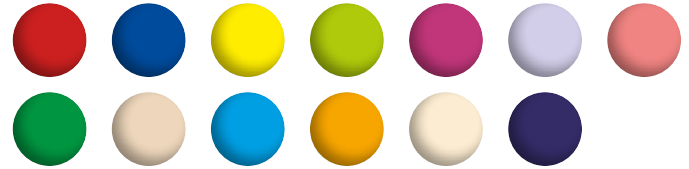
- Optional wide lens 24°: 10980553
- Wireless DMX external module: 10980127
- Doughty trigger clamp: 17030386
- Safety wire 30 kg: 99011963
- Mains cable powerCON TRUE1 In/Schuko, 2m, Indoor: 13052405
- Mains cable powerCON TRUE1 In/US, 2m, Indoor: 13052406
- Daisy chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439
- Mains cable powerCON TRUE1 In/CEE 16A, 2m, Indoor: 13052445



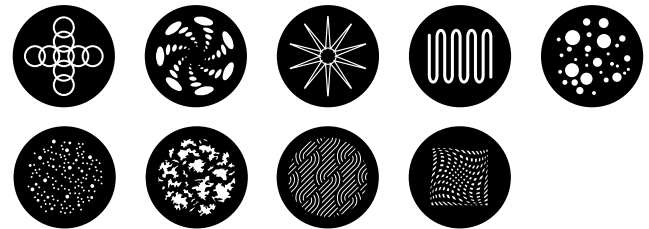
# SPOTE™



## Colour Wheel



## Gobo Wheel

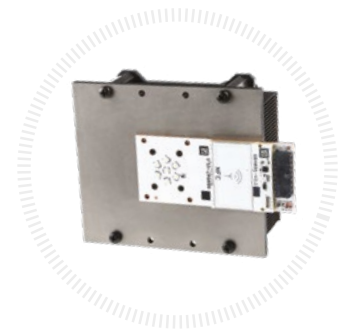


- Mains cable powerCON TRUE1 In/Open ended, 2m, Indoor: 13052407
- Daisy chain powerCON TRUE1 In/Out, US, 2m, Indoor: 13052440
- Daisy chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444
- Single top loader case: 10120269
- Quad top loader case: 10120270
- Foam shell: 20020394



## 70W White LED Engine

Designed, developed and manufactured within our own factory, allows for rapid and economical "lamp-like" exchange to give the fixture a life well beyond those of non-user replaceable LED sources (Patents pending).



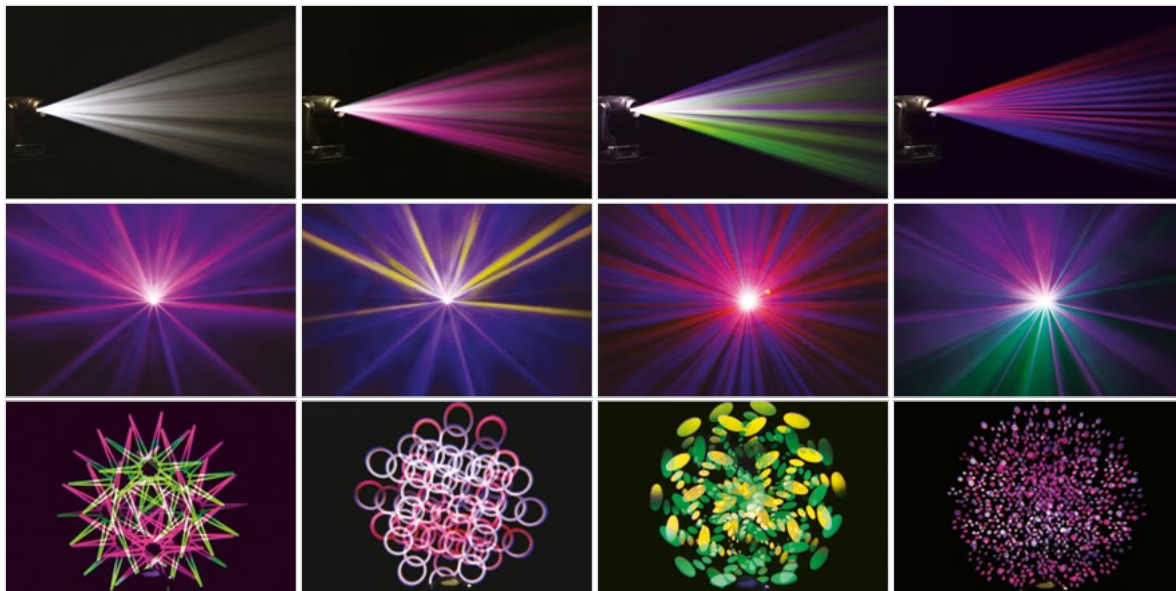
## Legal

- 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



# Dynamic Effects

## 8-facet rotating prism

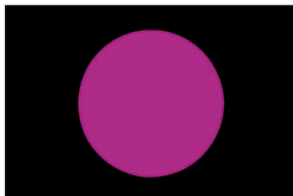
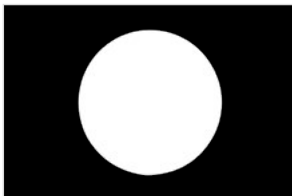
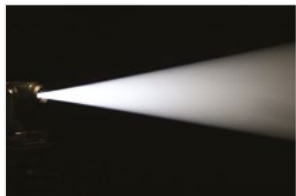


## 5° Frost for even wash

without frost

without frost

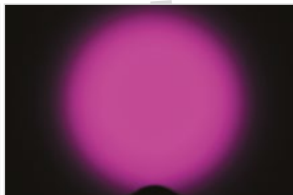
without frost



with frost

with frost

with frost





# SPOT<sup>™</sup>



 **ROBIN**<sup>®</sup>  
Innovative Technology

[www.robe.cz](http://www.robe.cz)

**ROBE**<sup>®</sup>

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