

# FOOTSIE1™ MC

Time to uplift your footlights and make those feet shine! With its sleek, low design, our IP65-rated FOOTSIE1™ MC takes footlights into the modern age.

**Light source**

24 x 4W RGBA/RGBW multichip LEDs

**Light output**

RGBA: 750 lm

RGBW: 975 lm

**Zoom range**

asymmetrical field angle 55° x 50°

**Effects**

Uplight & footlight, RGBA / RGBW colour mixing, safety low-level blue LED indication, RGB performer indication points



For even smoother homogenisation closer to the source, the 24 4W RGBW or RGBA LED multichips the IP65-rated FOOTSIE1™ MC (multichip) delivers LED foot lighting, whatever the production type or weather.

With two zones of control, the 629mm long FOOTSIE1™ MC delivers an asymmetrical 55° x 50° beam with an output of 750 lm in RGBA or 975 lm in RGBW.

Removing the visual barrier between audience and performer, this showstopper, with its low laying 52 mm high design, allows you to see all the performer and watch those toes 'tapping'!

A self-contained cable tray removes loose laying cables, taking away trip hazards resulting in a cleaner installation, with easy fast connection between fixtures including corner pieces of various angles, makes set up easy.

FOOTSIE1™ MC features an innovative SPREAD™ (Shield Protection, Reflection Elimination, Diffusion) integrated shield that folds inside housing or be released and installed in position. The Shield covers direct viewing of the led sources from the audience (Patent pending). Additional softening medium and wide beam spread diffusers are available.

The patented design provides instant access through the top and bottom lids to the fixture display, power supply and other cables, such as microphone or monitor speakers. Half circular ports in the top and base lids give cable breakout access points. Power and data connections are via IP65-rated PowerCON True1 and DMX 5-pin IN and OUT connectors.

By including NFC (Near-Field Communication) technology, you can access setup, diagnostic and performance features, even without power, directly from your mobile device using the Robe Com app.

A unique safety feature, BluMark™ allows a low-level blue LED indication of stage edges without affecting lighting states. Controlled from your console, BluMark™ can be turned on/ off as required.

For performers to accurately take positions on stage FOOTSIE1™ MC features PIP™ - Performer Indication Points. Individually controlled RGB LEDs, at 10 cm spacing provide performers with discrete alignment points.

Convectionally cooled, FOOTSIE1™ MC is perfect for theatres, concert stages, fashion show catwalks or corporate events, letting your performers step out in style, indoors or out!

**FOOTSIE1™ MC - Toe tapping style, whatever the weather!**

# Technical Specification

## Source

- Light source type: 24 x 4W RGBA/RGBW multichip LEDs
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours
- CRI:
  - RGBA 85+
  - RGBW 70+

## Optical system

- Robe's proprietary optical design
- Field angle: Asymmetrical field angle 55° x 50°
- Fixture total lumen output:
  - RGBA: 750 lm
  - RGBW: 975 lm
- Optional diffusers:
  - Medium frost filter 20° x 1°
  - Wide frost filter 60° x 30°
- SPREAD™ (Shield Protection, Reflection Elimination, Diffusion) Integrated shield that folds inside housing or be released and installed in position. The Shield is covering direct viewing of the led sources from the side of audience (Patent pending)

## Dynamic Effects and Features

- Colour mixing mode RGB/CMY
- 2 individually controllable LED zones
- + - Green correction function
- CCT: Variable 2.700K - 8.000K
- Tungsten lamp effect: 750W, 1.000W, 1.200W, 2.000W, 2.500W lamp emulation for whites from 2.700K to 4200K (red shift and thermal delay)
- DataSwatch™ filters: pre-programmed 66 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- 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
- Extremely quiet operation suitable for all types of production in Theatre and TV
- Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K
- BluMark™ safety low-level blue LED indication of stage edges without affecting lighting states
- Electronic strobe effect with variable speed up to 20 Hz
- PIP™ - Performer Indication Point - separately controlled RGB LEDs at 10 cm spacing provide performers with alignment points (Patent pending)

## Control and programming

- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 40 steps)
- NFC app controller
- Wireless CRMX™ technology from Lumen Radio
- Protocols: USITT DMX-512, RDM
- DMX Protocol modes: 3
- Control channels: 5,28,35 channels
- RGBW / CMY: 8 or 16 bit
- Variable CCT: 8 bit
- + - Green correction: 8 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

## Thermal specification

- Maximum ambient temperature: 45 °C (113°F)
- Maximum surface temperature: 50°C (122°F)
- Minimum operating temperature: -20°C (-4°F)
- Total heat dissipation: max. 115 BTU/h (calculated)

## Noise Levels

- Cooling system: Convection

## Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 120-240 V, 50/60 Hz
- Power consumption: max. 45 W
- Power connector in/out: IP65 Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: IP65 Locking 5-pin XLR cable connectors - 0.29m

## Mechanical specification

- Height: 52 mm (2.04")
- Width: 629 mm (24.76")
- Depth: 338.6 mm (13.33")
- Weight:
  - 9.4 kg (20.7 lbs)
  - 10.6 kg (23.4 lbs) with diffuser
- Ingress protection rating: IP65
- IK Rating: IK06

## Included items

- User Manual
- Daisy Chain powerCON TRUE1 In/Out, EU or US, 0,35m, Outdoor

## Optional accessories

- Diffusion filter medium: 10980820
- Diffusion filter wide: 10980822
- Angled corner 15°: 10980827
- Angled corner high 15°: 10980880
- Angled corner 30°: 10980828
- Angled corner high 30°: 10980881
- Angled corner 60°: 10980829
- Angled corner high 60°: 10980882
- Angled corner 90°: 10980830
- Angled corner high 90°: 10980883
- End cap: 10980831
- Eight/Quad Top Loader Case ROBIN Footsie1 / Footsie2: 10120328-01
- Power cord including powerCON TRUE1 In connector EU: 13052276-01
- Power cord including powerCON TRUE1 In connector US: 13052277-01

## Legal

- Footsie1™ is a Trademark of Robe lighting s. r. o.
- Footsie1™ MC is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents