

# iParFect 150™ FWQ RGBA

The all-new iParFect 150 FWQ RGBA features an exceptionally-wide zoom range and silent operation with passive cooling, making it ideal for theatres, concert halls and television. With an IP 65 rating, it is also perfect for any outdoor application.

**Light source**

7x 40W RGBA multichips

**Light output**

1.650 lm, 5.300 lx @ 5 m

**Zoom range**

3,8° - 60°

The RGBA LED colour combination provides a high CRI and allows designers to produce warm, rich, amber tones that are normally difficult to achieve. Other features include smooth CMY & RGBA colour control, 18-bit dimming and Tungsten emulation, with both selectable & variable colour temperatures providing total output control.

The powerful, punchy beam with a zoom range of 3,8° to 60°, combined with a Fresnel style beam edge, results in a smooth, homogenised beam of light. This compact, lightweight fixture includes a combined hanging / floor stand bracket and accessories such as gel frame and barndoors.

Now equipped with Robe's innovative lens coating technology which brings benefits such as bright and clear lenses, no scratches or marks, higher light output and longer intervals between cleaning.

# Technical Specification

## Source

- Light source type: 7x 40W RGBA multichips
- LED life expectancy: min. 50.000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours

## Optical system

- Robe's proprietary optical design
- High-efficiency zoom optical system, ratio 15,5:1
- Zoom range: 3.8° - 60°
- Diffusion filter imbedded
- Fixture total lumen output:
  - 1.650 lm (integrating sphere)
  - 1.310 lm (goniophotometer)
- Illuminance: 5.300 lx @ 5 m
- RLCT™ Innovative lens coating technology

## Dynamic Effects and Features

- Colour mixing mode RGBA or CMY
- Variable CTO: 2.700K - 8.000K
- Virtual Colour Wheel: with 66 preset swatches
- Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay)
- Motorized exceptionally quiet zoom
- 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

## Control and programming

- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 3 editable programs (each up to 25 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio - on request
- DMX Protocol modes: 2
- Control channels: 17, 11
- RGBA / CMY: 8 or 16 bit
- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

## Thermal specification

- Maximum ambient temperature: 40°C (104°F)
- Maximum surface temperature: 80°C (176°F)
- Minimum operating temperature: -10°C (14°F)

## Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-277 V, 50/60 Hz
- Power consumption: Max. 220 W
- Power connector in/out: IP 65 Neutrik powerCON TRUE1 in/out
- DMX and RDM data in/out: Locking 5-pin XLR

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- Height: 234.7 mm (9.24")
- Width: 251 mm (9.88")
- Depth: 413 mm (16.26") without hanging bracket / 489.4 mm (19.27") with hanging bracket
- Weight: 7.3 kg (16.1 lbs)
- Ingress protection rating: IP65

## Rigging

- Mounting horizontally or vertically via mounting yoke
- Universal operating position
- Safety cable attachment point

## Included items

- User Manual

## Optional accessories

- Gel frame: 10980372
- Barndoor module: 10980349
- Outdoor barndoor module: 10980884
- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Mains Cable powerCON TRUE1 In/open ended, 2m EU, outdoor: 13052276-01
- Mains Cable powerCON TRUE1 In/open ended, 2m US, outdoor: 13052277-01
- Single Top Loader Case: 10120238
- Six Pack Top Loader Case: 10120239
- Eight Pack Top Loader Case: 10120240
- Dual Foam Shell: 20020329

## Legal

- iParFect 150™ is a Trademark of Robe lighting s. r. o.
- iParFect 150™ FWQ RGBA is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents