

# ParFect 150™ FWQ RGBA

The ParFect 150 FWQ RGBA has a bright, Fresnel style soft-beam edge, with zoom control and a high CRI in an economical LED format.

**Light source**

7x 40W RGBA multichips

**Light output**

2.250 lm, 7.610 lux @ 5 m

**Zoom range**

3,8° - 60°



It produces warm golden tones while retaining the key features of precise colour control via CMY or RGBA colour mixing, ultra-smooth 18-bit dimming and a powerful 3,8° to 60° zoom.

This compact, lightweight fixture includes a combined hanging/floor stand bracket, accessories such as barn doors and the gel frame, making it a versatile fixture for theatrical and educational applications.

Parfect 150™ FWQ RGBA is 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:
  - 2.250 lm (integrating sphere)
  - 1.796 lm (goniophotometer)
- Illuminance: 7.610 lx @ 5 m
- (RLCT™) Innovative lens coating technology (Patent pending)

## 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%

## 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: -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. 220 W
- Power connector in/out: Neutrik powerCON in/out
- DMX and RDM data in/out: Locking 5-pin XLR

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- Height: 192 mm (7.6")
- Width: 240 mm (9.45")
- Depth: 392 mm (15.43") without hanging bracket / 498 mm (19.6") with hanging bracket
- Weight: 5 kg (11 lbs)
- Ingress protection rating: IP20

## Rigging

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

## Included items

- Accesory frame adaptor
- User Manual

## Optional accessories

- Wireless DMX external module: 10980127
- Gel frame: 10980372
- Clear lens cover: 10980604
- Barndoor module: 10980349
- EggCrate: 10980346
- HALO frame adaptor: 10980348
- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Mains Cable powerCON In/Schuko 2m: 13051724
- Mains Cable powerCON In/CEE 16A 2m: 13051725
- Mains Cable powerCON In/US 2m: 13051726
- Mains Cable powerCON In/open ended 2m: 13051731
- Daisy Chain powerCON In/Out EU 2m: 13051727
- Daisy Chain powerCON In/Out US 2m: 13051728
- Single Top Loader Case: 10120217-02
- Six Pack Top Loader Case: 10120218-02
- Eight Pack Top Loader Case: 10120219-02
- Dual Foam Shell: 20020301-01

## Legal

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