

# ParFect 150™ FWQ RGBW

Professional luminaire in affordable package made in Europe. ParFect 150 FWQ is a static fixture with a fresnel wash type of light output.

**Light source**

7x 40W RGBW multichips

**Light output**

2.850 lm, 8.190 lx @ 5 m

**Zoom range**

3,8° - 60°



The edge of the beam is smoothly diffused at any beam angle of the remotely controllable zoom ranging from 3,8° to 60°. It has perfect colour mixing, including both CMY & RGBW colour control, 18-bit dimming, Tungsten emulation, and selectable & variable colour temperatures of pure and crispy whites. The compact and lightweight moulded composite unit includes a combined hanging bracket and floor stand. Exceptionally quiet - ParFect 150 is a perfect solution for theatres, concert halls, TV's and any kind of installation.

# Technical Specification

## Source

- Light source type: 7x 40W RGBW 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:
  - 2.850 lm (integrating sphere)
  - 2.288 lm (goniophotometer)
- Illuminance: 8.190 lx @ 5 m
- (RLCT™) Innovative lens coating technology (Patent pending)

## Dynamic Effects and Features

- Colour mixing mode RGBW 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
- RGBW / 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 is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents