ROBE lighting s.r.o., Hazovice 2090
75661 Roznov pod Radhostem
Czech Republic

Tel: +420-571-751500
Fax: +420-571-751515
Email: info@robe.cz

ParFect 150™ RGBW

An LED source ACL beam at an affordable price made in Europe, now with zoom included.

Light source
7x 40W RGBW multichips

Light output
3.550 lm, 12.200 lux @ 5m

Zoom range
3,8° – 60°

ParFect 150 is a static, zoomable version of the successful ParFect 100 and retains all the key features including both CMY & RGBW colour control, 18-bit dimming, Tungsten emulation, selectable & variable colour temperatures and the powerful punchy beam ranging from 3,8° to 60°.

The compact and lightweight moulded composite unit includes a combined hanging bracket/floor stand. Accessories such as barn-doors and the gel frame give ParFect 150 the features required for TV and theatre.

ParFect 150™ RGBW 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.

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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
- (RLCT™)Innovative lens coating technology (Patent pending)
- High - efficiency zoom optical system, ratio 15,5:1
- Zoom range: 3,8° - 60°
- Fixture total lumen output:
  - 3.550 lm (integrating sphere)
  - 2.842 lm (goniophotometer)
- Illuminance: 12.200lx @ 5 m

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 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 or CMY: 8 or 16 bit
- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

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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 in/out connector: 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 (9.4")
- Depth: 392 mm (15.4") without hanging bracket / 498 mm (19.6") with hanging bracket
- Weight: 5 kg (11.0 lbs)
- Ingress protection rating: IP20

Rigging

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

Included items

- User Manual
- Accesory frame adaptor

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Optional accessories

- Wireless DMX external module: 10980127
- Gel frame: 10980372
- Diffusion filter:
  - for fixed installation under optics 2° FW 10980423
  - for sliding into Gel Frame 2° FW 10980373
- 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™ RGBW is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patent