

# ParFect 100™

The ParFect, an LED source ACL beam at an affordable price and made in Europe.

**Light source**

12x 15W RGBW multichips

**Light output**

5.960 lx @ 5 m / 3.220 lm

**Zoom range**

7°

**Effects**

3 LED zones, virtual colour wheel, strobe effects



This unit is a static version of the successful LedBeam 100 and retains all the key features including both CMY & RGBW colour control, Tungsten emulation, Zone Fx, selectable & variable colour temperatures and the really powerful punchy 7° beam. The compact and lightweight moulded composite unit is complete with a combined hanging bracket/floor stand. Wireless DMX, clip-on diffusion filters and detachable barn-doors, are available as additional cost options.

# Technical Specification

## Source

- Light Source Type: 12x 15W RGBW LED multichips
- LED Life Expectancy: minimum 60.000 hours
- Typical Lumen Maintenance: 70 % @ 60.000 hours

## Optical system

- Robe's proprietary optical design
- Beam angle: 7°
- Fixture total lumen output: 3.220 lm
- Light output: 5.960 lm @ 5 m

## Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- 3 individually controllable LED zones
- Virtual Colour Wheel: 237 colours including whites (2.700K, 3.200K, 4.200K, 5.600K and 8.000K)
- Tungsten lamp effect at whites: 2.700K and 3.200K (red shift and thermal delay)
- Colour rainbow effect with variable speed
- Pre-programmed random strobe & pulse effects
- Electronic strobe effect with variable speed up to 20 Hz
- High resolution electronic dimming: 0 - 100%

## Control and programming

- Setting & Addressing: two-row LCD display & 4 control buttons, stand-alone operation with 6 editable programs (each up to 25 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen RadioDMX Protocol modes: 6
- Control channels: 14, 9, 4, 30, 35, 4
- RGBW or CMY: 8 or 16 bit
- Dimmer: 8 or 16 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. 200 W at 230 V / 50 Hz
- Power in/out connector: Neutrik powerCON in/out
- DMX and RDM data in/out: Locking 5-pin XLREthernet port in: RJ45

## Approvals

- CE Compliant
- cETLus Compliant

## Mechanical specification

- Length: 343 mm (13.5") without hanging bracket
- Height: 173 mm (6.8")
- Width: 240 mm (9.5")
- Weight: 4.1 kg (9 lbs)
- Ingress protection rating: IP20

## Rigging

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

## Included items

- User Manual

## Optional accessories

- Wireless DMX external module: 10980127
- Diffuser 10°:
  - Black 10980191
  - White 10980217
- Diffuser 20°:
  - Black 10980185
  - White 10980213
- Diffuser 40°:
  - Black 10980187

- White 10980215
- 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: 10120153
- Six Pack Top Loader Case: 10120154
- Eight Pack Top Loader Case: 10120155
- Dual Foam Shell: 20020217
- Gel frame:
  - Black 10980204
  - White 10980207
- Barndoor:
  - Black 10980189
  - White 10980206
- Accesory frame adaptor and gel frame:
  - Black 10980193
  - White 10980205

## Legal

- ParFect 100™ is a trademark of Robe lighting s. r. o.
- ParFect 100™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents