

# ROBIN® ParFect 100 Innovative technology Fine touch features Product diagrams

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

## Source

- Light Source Type: 12x RGBW LED multichips
- LED Life Expectancy: minimum 60,000 hours
- Typical Lumen Maintenance: 70% @ 60,000 hours

## Optical System and effects

- Beam Angle: 7°
- Colour Mixing System: RGBW or CMY colour mixing, CTO
- Virtual Colour Wheel: with 237 colours including whites (2,700 K, 3,200 K, 4,200 K, 5,600 K and 8,000 K)
- LED Zones: 3; individual colour control of each LED zone
- Tungsten Lamp Effects at Whites: 2700 K and 3200 K
- High Resolution Dimmer: 0-100%
- Strobe effect with variable speed (max. 20 flashes per second)
- Individual zone strobe effects with variable speed
- Preprogrammed random strobe & pulse effects

## Electrical Specification

- Input Voltage: supply 100-240 V, 50-60Hz
- Power Consumption: max. 200 W
- Power Connector: Neutrik PowerCon In/Out
- Standard Compliance: CE; cETLus

## Mechanical Specification

- Length: 343 mm (13.5") without hanging bracket
- Width: 240 mm (9.5") x 173 mm (6.8")

## Thermal

- Maximum ambient temperature: 40 °C (104 °F)
- Maximum housing temperature: 80 °C (176 °F)

## Control and programming

- Setting & Addressing: 2-row LCD display & 4 buttons
- Protocols: USITT DMX 512, RDM
- Optional wireless external module available: CRMX™ technology from Lumen Radio
- Control Channels: 14, 9, 4, 30, 35, 4
- Protocol Modes: 6
- Programs: 3 user-editable programs
- Stand alone operation: 6 built-in programs each up to 40 steps
- Data in/out: Locking 5-pin XLR

## Optional accessories

- diffusion filters 40°, 20° and 10°
- Wireless DMX module
- Barn-door module
- Accessory frame adaptor
- Gel frame

## Rigging

- Mounting points: Mounting horizontally or vertically via mounting yoke (360° tilt range)

## Innovative optical system

Incorporating sophisticated beam optics combined with internal top hat for each output lens and external top hat for precise control of the light beam. (patent pending)



## Multichips

New LED technologies use several LED chips on a single module that creates just perfect point source of extremely smooth new dimensional colour mixing of RGBW.



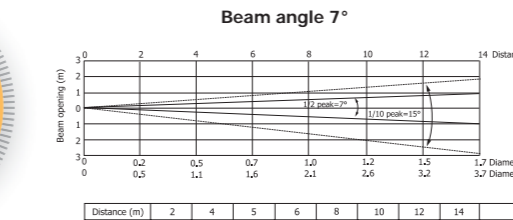
## Individual control of LED zones

Unique design and control of the LED PCB's allows individual control of each LED zone for the creation of eye-candy effect.



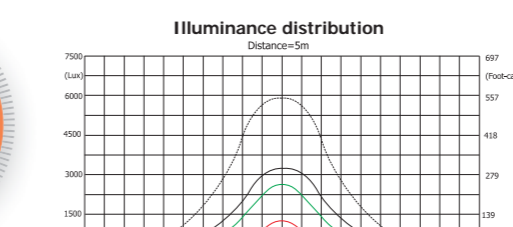
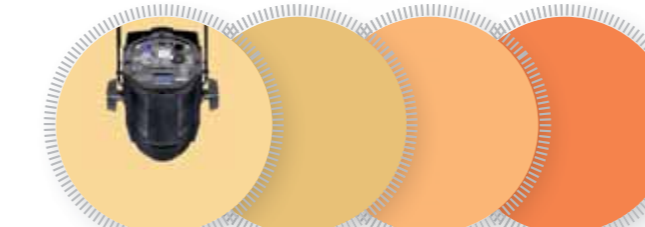
## True White Colours

Spotless colormixing of specially calibrated LEDs together with predefined values on a Virtual Colour wheel channel allow quick direct calling of exact white hues of 2.700K, 3.200K, 4.200K, 5.600K and 8.000K.



## Tungsten effect

In the Halogen lamp mode predefined for White Halogen 2,700K and 3,200K, the Dimmer channel initiates halogen lamp-like behaviour (red effect and thermal delay) during dimming.



## Colours

Individual control of LED zones.

