

iBar 15™

iBar 15™ is a lightweight static IP65 rated 1.000 mm linear bar which uses 15 equally spaced new generation of 30% brighter 15W RGBW multichip LEDs for enhanced 18-bit smooth colour mixing and linear dimming without RGB 'breakup' or grey shadows.

**Light source**

15x 15W RGBW LED multichips

**Light output**

5.920 lx @ 5 m / 6.280 lm

**Zoom range**

7.5° + optional diffusers

**Effects**

pixel control, colour rainbow effect, pre-programmed colours and whites



A fixed 7.5° but redefinable beam angle offers optional diffusers, now with a new system of split filters allowing three different beam angles per entire iBar and generating asymmetrical light output for use as a high-quality cyc light. Optional barn door can trim the beam if required. The advanced pixel control based driver software provides special features including a virtual colour wheel with pre-programmed colours and a set of true whites with CTO Tungsten lamp emulation and more. The practical and highly readable small display provides a menu with personality settings plus DMX and RDM protocols.

The two combined feet / brackets can now be easily adjusted by sliding them in the profile at the back of bar to fit various different types of trusses without using any tools.

Technical Specification

Source

- Light source type: 15x 15W RGBW LED multichips
- LED life expectancy: min. 60 000 hours
- Typical lumen maintenance: L70/B50 @ 50.000 hours
- LED colour variants: RGBW

Optical system

- Beam angle: 7.5° (without diffuser), diffuser 35°x70° included as standard
- Optional diffusers: 32°, 50°, 10°x30°, 30°x10°, 70°x35°
- Fixture total lumen output:
 - 6.280 lm (integrating sphere)
 - 5.041 lm (goniophotometer)
- Illuminance: 5920 lx @ 5m

Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- Variable CTO: 0-100%
- DataSwatch™: pre-programmed 237 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- Tungsten lamp effect at whites: 2.700 K and 3.200 K (red shift and thermal delay during dimming)
- Colour rainbow effect with variable speed
- Pre-programmed pixel effects with colour, dimming and strobe chases, waves and pulses at variable speed and direction
- Strobe effect: variable speed (max. 20 flashes per second)
- Pre-programmed random strobe & pulse effects
- High resolution electronic dimming: 0-100%
- L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- CPC - Convection Passive Cooling mode

Control and programming

- Setting & Addressing: 4-segment LED display & 4 control buttons, stand-alone operation with 1 editable program up to 35 steps)
- Protocols: USITT DMX-512, RDM
- Wireless CRMX™ technology from Lumen Radio - on request
- DMX Protocol modes: 4 including SunStrip emulation mode (Halogen Strip)
- Control channels: 16, 11, 61, 76
- Colour mixing: RGBW or CMY
- Manual control of all effects via control panel

Thermal specification

- Maximum ambient temperature: 50°C (122°F)
- Maximum surface temperature: 80°C (176°F)
- Minimum operating temperature: -20°C (-4°F)

Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 100-240 V, 50/60 Hz
- Power consumption: max. 170 W
- DMX and RDM data in/out: DMX outdoor cables CA-0611 (300mm) + NC5MX-HD/NC5FX-HD (5-pin connectors)
- Power in/out connector: Neutrik powerCON TRUE1 in/out

Approvals

- CE Compliant
- cETLus Compliant

Mechanical specification

- Height: 182 mm (7.2")
- Width: 997 mm (39.3")
- Depth: 180 mm (7.1")
- Weight: 11.1 kg (24.5 lbs)
- LED module "tilt" adjustment range: -100/+45°
- Ingress protection rating: IP65

Rigging

- 2x Omega adaptors with 1/4-turn quick locks

Included items

- User Manual
- Omega Adaptor CL-regular 2 pcs: 10980033
- Diffusion filter: 35° x 70° 10980247
- Cap for XLR connector: 19020175

Optional accessories

- Diffusion filter:
 - 35° x 70° 10980247
 - 10° x 30° 10980248
 - 70° x 35° 10980249
 - 30° x 10° 10980250
 - 50° 10980251
 - 32° 10980252
 - Cyc Light kit 10980422
- Gel Frame set: 10980269
- Barndoor: 10980421
- Slim Mounting Brackets for iBar15, 2pcs: 10980625
- Doughty Trigger Clamp: 17030386
- Safety wire 36 kg: 99011963
- Mains Cable powerCON TRUE1 In/Shuko, 2m, Indoor: 13052405
- Mains Cable powerCON TRUE1 In/US, 2m, Indoor: 13052406
- Mains Cable powerCON TRUE1 In/CEE 16A, 2m, Indoor: 13052445
- Mains Cable powerCON TRUE1 In/Open ended, 2m, Indoor: 13052407
- Mains Cable powerCON TRUE1 In/open ended, 2m EU, outdoor: 13052276-01
- Mains Cable powerCON TRUE1 In/open ended, 2m US, outdoor: 13052277-01
- Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Indoor: 13052439
- Daisy Chain powerCON TRUE1 In/Out, US, 2m, Outdoor: 13052280-01
- Daisy Chain powerCON TRUE1 In/Out, EU, 2m, Outdoor: 13052281-01
- Daisy Chain powerCON TRUE1 In/Out, US, 2m, Indoor: 13052440
- Daisy Chain powerCON TRUE1 In/Out, EU, 5m, Indoor: 13052444
- Daisy Chain powerCON TRUE1 In/Out, EU, 0,75m, Outdoor: 13052278-01
- Daisy Chain powerCON TRUE1 In/Out, US, 0,75m, Outdoor: 13052279-01
- Single Top Loader Case: 10120184
- Quad Top Loader Case: 10120185

Legal

- iBar 15™ is a Trademark of Robe lighting s. r. o.
- iBar 15™ is patented by Robe lighting s. r. o. and is protected by one or more pending or issued patents