

JB LIGHTING

P15

1,000 W
WASH
with framing module

Great color rendering,
excellent light quality
and illumination!



Zoom
9° – 66°
(1:7.3)

Up to
34,000 lm
Output

only
29 dB(A)
extremely
quiet

only
23 kg
weight

1,000 W
white light
LED

**Made in
GERMANY**

...JUST BRILLIANT

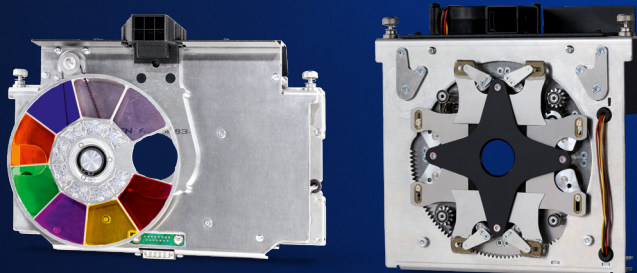
P15 Wash: first-class light distribution, efficiency and luminosity!

The P15 Wash is a prime example of a Fresnel washer that impressively combines practical experience with the 'who's who' of wide-area lighting – with top beam characteristics and the best CMY color mixing, as well as being extremely bright, precise, true to color and absolutely silent.

This is made possible by the perfect combination of a highly efficient optical system with a 1000 W LED module and 'phosphor in silicone' technology, zoom from 9° – 66° and focus as well as optimised CMY color mixing with color flags inserted on both sides. Thanks to the framing module with 4-level blade mechanism, the P15 Wash can also be used to shape and control light projection. Another advantage of the P15: The color and correction filters can be easily exchanged and individually loaded thanks to the JB click system. The effects unit is also equipped with a linear CTC filter, which allows the basic color temperature to be adjusted precisely along the black body line.

The P15 Wash is a classic spotlight with the best light quality and special features such as:

- Zoomrange from 9°–66° (1:7.3)
- Framing module, +/-65° rotatable with 4 blades, each blade can be rotated by +/-30°
- 1 color wheel with 6 colors + High CRI filter + CTB filter
- Linear CTO (P15 Wash HC and P15 Wash HP), which is replaced by a linear CTB in the P15 Wash WW
- CMY color mixing system with color flags inserted on both sides for perfectly homogeneous color mixing
- 1 frost filter (5°), others available as an option
- Virtual green/magenta correction
- Virtual CTC adjustment (2000 K – 13000 K)
- Unrivalled 29 dB(A) quiet
- Graphic display, electronically rotatable and with a battery backup
- Flicker-free operation, camera mode: 100 | 120 | 600 Hz and high flex mode
- Infinitely adjustable high-speed iris with 18 fins
- 4 carrying handles for easy handling



JB SLIDE-IN TECHNOLOGY

The plug-ins can be removed without tools or manual cable disconnection for cleaning and changing the color filter.

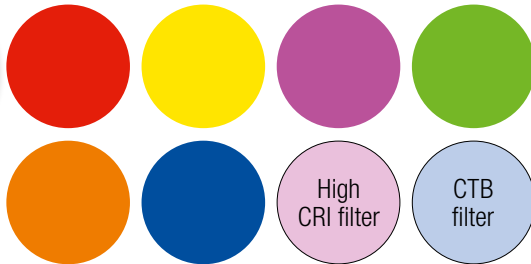
More information at:
www.jb-lighting.de



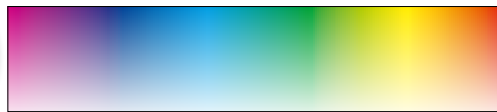
COLORS & CTC FILTERS

The effects unit is equipped with 6 full colors, a high CRI and CTB filter, CMY color mixing and a linear CTO filter (for WW: linear CTB). The color mixing system with specially coated CMY color flags enables precise and absolutely uniform color mixing.

6
brilliant
colors



CMY
+ variable
CT filter



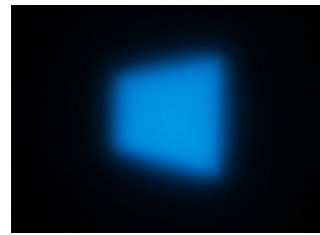
Linear CTO



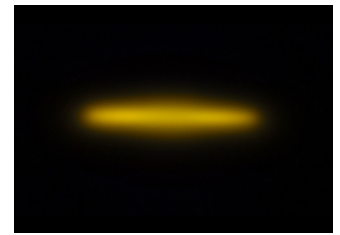
Linear CTB

P15 WASH FRAMING MODULE

Each of the four blades is at its own level, can be rotated and positioned freely and can be pushed in over virtually the entire usable range at the maximum angle. This enables fast and, for a Fresnel washer, „very precise“ edge cutting from almost any lighting angle.



Each blade can be rotated by +/-30°



All blades can be pushed in equally wide and exactly parallel



Edges can be delineated with precision



Framing module 130° rotatable

P15 WASH SPECIFICATIONS

Overview of light colors and features



P15 **HP**



P15 **HC**



P15 **WW**

Specification:	HP – High Power	HC – High CRI	WW – Warm White
Color temperature:	7000 K	6000 K	3200 K
Luminosity:	75,000 lm (34,000 lm Output)	54,000 lm (22,000 lm Output)	44,000 lm (19,000 lm Output)
CRI:	73 (+/-3), mit CRI-Filter ≥ 85	92 (+/-3)	93 (+/-3)
Correction filter:	linear CTO 7000 K to 3200 K	linear CTO 6000 K to 3200 K	linear CTB 3200 K to 7700 K
Usage:	Maximum luminous intensity for optimal illumination even from a great distance	Maximum light quality for optimal color reproduction with the best luminosity	Maximum comparability with conventional halogen lamps

Technical specifications:

Optics and light source

- 1,000 W white light LED module with “phosphor in silicone” technology
- **P15 Wash HP** (High Power):
7000 K; 75,000 lm (34,000 lm Output); CRI 73 (+/-3); TM-30 Rg = 95 (+/-3)
- **P15 Wash HC** (High CRI):
6000 K; 54,000 lm (22,000 lm Output); CRI 92 (+/-3); TM-30 Rg = 97 (+/-3)
- **P15 Wash WW** (Warm White):
3200 K; 44,000 lm (19,000 lm Output); CRI 93 (+/-3); TM-30 Rg = 100 (+/-3)
- Highly-efficient optical system with perfect projection properties
- Light-emitting lens Ø 135 mm
- > 20.000 h life time
- Flicker-free operation, camera mode: 100, 120, 600 Hz and high flex mode
- Zoom range: 9° – 66° (1:7.3)

Effects

- 1 color wheel with 6 full or half colors + High CRI filter (= TM-30 filter) + CTB filter + open, color filters can be exchanged thanks to the JB click system, e.g. with a UV filter, additional color or CTO and CTB filters
- Framing module with 4 blades, module can be rotated by 130° (+/-65°), each blade can be rotated individually by +/-30°
- CMY color mixing system with perfectly homogeneous color mixing, even of pastel colors
- Linear CTO filter for variable color temperature adjustment exactly along the black body line: HP: 7000 K – 3200 K; HC: 6000 K – 3200 K or WW with linear CTB filter from 3200 K – 7700 K
- Frost filter 5°, infinitely retractable – can be replaced by JB click system, other frost levels available as options: 2°, 3.5°, 10°, 20°
- Motorised, infinitely adjustable high-speed iris with 18 fins
- Electronic dimmer 0% – 100%, 3 selectable dimming curves
- Electronic shutter with pre-programmed pulse and ramp functions
- Animation effect / sparkle effect
- Virtual green/magenta correction to adapt to the surrounding light
- Virtual CTC adjustment: all light colors 2000 K – 13000 K

Movement

- 3 phase extra strong stepping motors
- Precise, very fast and silent movement
- 540° pan / 280° tilt

Control and programming

- USITT DMX-512, RDM
- Ethernet interface with Art-Net and sACN
- Wireless DMX / RDM Lumen Radio CRMX TiMo
- LCD display with function keys and battery buffer, electronically rotatable
- Micro USB for software update
- Stand-alone mode, Master/Slave function
- Error analysis and DMX analysis
- Ethernet in/out with bypass function switch 10/100 Mbps

Construction

- Original JB-Lighting slide-in module technology
- Robust, roadworthy design with 4 carrying handles
- Transport lock for pan/tilt
- Prepared for mechanical path limitation for narrow installation spaces
- High-tech heat pipe cooling in conjunction with calibrated silent fans for almost noiseless operation at 29 dB(A)
- Neutrik 5pin XLR IN/OUT
- Neutrik etherCON IN/OUT
- Neutrik powerCON TRUE1 IN/OUT

Rigging

- 2 Omega brackets with Original Camloc® fasteners for quick and convenient installation, with four different fastening options

Electrical and thermal specification

- Maximum power consumption 1,100 VA
- Supply voltage 100V–240V, 50/60 Hz
- Total heat dissipation (calculated): 3,753 BTU/hr
- Ambient temperature: 0 to +45° (note the warm-up phase)

Mechanical specifications

- Dimensions: W 421 x D 264 x H 682 mm
- Weight: 23 kg
- LWR specification: (LWR = Lumen to Weight Ratio)
HP: 1,478 lm/kg · HC: 957 lm/kg · WW: 826 lm/kg



Scope of delivery

- Schuko on powerCON TRUE1, flexible rubber cable (2m long, 3x 1.5 mm²)
- 2 Omega brackets

Warranty

- Device: 2 years
- LED module: 4 years

Accessories

- ZU0029 Path limitation
- ZU0022 Diffusor
- CASE38 AMPTOWN double flight case
- CASE39 AMPTOWN 4-compartment flight case



JB LIGHTING

JB-Lighting Lichtenlagentechnik GmbH
Sallersteig 15 · D-89134 Blaustein · Phone +49 7304 9617-0
E-Mail: info@jb-lighting.de · www.jb-lighting.de