

WTF!™

Illuminate your beat like never before with the ultra-modern, high-energy Robe WTF!™. Whatever you call it, the Wash Twist Flash delivers turbocharged strobe, wash, and blinder effects, targeting anywhere on the stage or into the audience, built for any environment. Get ready to elevate your show with unmatched brilliance and intensity!



Light source

72 x 20W White strobe LEDs, 116 x 10W WarmWhite + 88 x 5W Amber audience blinder LEDs, 16 x 60W RGBW wash LED multichips



Light output

Up to 168.000 lm



Zoom range

White LED strobe: 98° x 14° - 125° x 97°
RGBW LED wash: 13° - 95°



Effects

Super bright single tube strobe and blinder effects with tungsten emulation, High power RGBW wash light, Continuous Pan and Tilt rotation

With incredible speed and continuous pan and tilt rotational control, including individual timing, the WTF!™ features EMS™ (Electronic Motion Stabiliser) technology for instant stops and the most dynamic movement on the market. Whether you're creating rhythmic subtleties or unleashing brute force, the strobe light offers unparalleled versatility.

Equipped with 72 x 20W White strobe LEDs, 116 x 10W WarmWhite and 88 x 5W Amber audience blinder LEDs together with 16 x 60W RGBW wash LED multichips, the WTF!™ delivers peerless visual presence.

Strobe control allows flash durations from 13 - 860 ms with variable rates ranging from 0.3 - 30 Hz, giving you precise control over every beat and burst of light.

Featuring two independent 13 - 95° standard zooms for the RGBW zones, the WTF!™ features the first linear strobe zoom control available! Opening new vistas for lighting designers, the transformative Hyper-Z™ linear zoom, with 98 x 14° to 125 x 97° reach encompasses rapid, linear versatility not previously possible!

Built-in strobe effect macros, including ramp up/down, random, single, and sequenced flashes, streamline programming for rapid creativity.

WTF!™ provides individual zonal control for 12 white strobe and 16 RGBW, pixels, offering variable speed control and limitless combinations using its comprehensive set of control protocols.

Advanced features include a DataSwatch™ onboard colour library; variable CCT of 2.700K-10.000K for RGBW zones; A CCT range of 1.800K - 3.200K with tungsten emulation of lamps from 750W to 2.500W generates the most intense blinder effects possible; +/- green content control; L3™ 18-bit Low Light Linearity dimming; Cpulse™ flicker removal software for professional-grade results.

As part of the iSERIES, built to excel in any environment, the IP65-rated WTF!™ incorporates Robe's patented RAINS™ active protection system and POLAR+ standby technology, ensuring peak performance even in extreme temperatures down to -50°C, all within its 30 kg frame.

WTF!™ - Wash Twist Flash

Technical Specification

Source

- Light source type:
 - 72 × 20W White strobe LEDs
 - 116 × 10W WarmWhite + 88 × 5W Amber audience blinder LEDs
 - 16 × 60W RGBW wash LED multichips
- LED life expectancy: min. 40 000 hours
- Typical lumen maintenance: 70% @ 40 000 hours

Optical system

- Highly efficient component optics
- Zoom range:
 - White LED strobe: 98° x 14° - 125° x 97°
 - RGBW LED wash: 13° - 95°
- Fixture total lumen output:
 - White LED strobe:
 - 168.000 lm (integrated sphere)
 - 134.400 lm (goniophotometer)
 - WW+A LED blinder:
 - 147.000 lm (integrated sphere)
 - 117.600 lm (goniophotometer)
 - RGBW LED Wash:
 - 24.250 lm (integrated sphere)
 - 19.400 lm (goniophotometer)
- Hyper-Z™ linear zoom encompasses linear versatility not previously possible

Dynamic Effects and Features

- Colour mixing mode RGBW or CMY
- Zone control:
 - 2x RGBW LEDs zones: 8 + 8 pixels
 - 1x White LED zone: 12 pixels
- White light:
 - RGBW zones: Variable CCT 2.700K - 10.000K
 - White zone: Variable 1.800K - 3.200K and fixed 6500K
- + - Green correction function
- DataSwatch™ filters: pre-programmed 66 colours and tones including most used whites 2.700K, 3.200K, 4.200K, 5.600K and 8.000K
- Tungsten lamp effect: 750W, 1.000W, 1.200W, 2.000W, 2.500W lamp emulation for whites from 1.800K to 3.200K (red shift and thermal delay)
- Strobe duration: 13 - 860 ms
- Strobe rate: 0,3 - 30 Hz
- Strobe effect: Ramp up, ramp down, ramp up-down, random flash, single flash, Lighting, Spikes, Double flash, Tripple flash, Quad Flash, Burst flash Rnd
- Individual zone strobe effect with variable speed
- L3™ - (Low Light Linearity) Imperceptible 18 bit dimming for ultra smooth fade to black
- Cpulse™ special flicker-free management for HD and UHD cameras, ready for 8K and 16K
- AirLOC™ (Less Optical Cleaning) technology greatly reduces the level of airborne particles drawn over the optical elements. This increases the overall performance, light quality and time between routine cleaning and maintenance.
- POLAR+™ for power saving and instant operation in extremely cold weather conditions
- Pre-programmed show & visual effects: (synchronized for multiple fixtures) police, fire, flashlights, sunset, sunrise
- UpLift™: To ease handling, clip on UpLift handles are designed to ease the burden. Handles are easily attached and removed, greatly easing carrying and lifting of larger fixtures.

Control and programming

- Setting & Addressing: ROBE Navigation System 3 (RNS3)
- Display: QVGA Robe touch screen with battery backup, gravitation sensor for auto screen positioning, operation memory service log with RTC, stand-alone operation with 3 editable programs (each up to 100 steps), built-in analyser for easy fault finding, NFC app controller
- Protocols: USITT DMX-512, RDM, ArtNet, MA Net, MA Net2, sACN, Kling-Net
- REAP™ - Robe Ethernet Access Portal
- RAINS™ (Robe Automatic Ingress Neutralization System) manages humidity, temperature and pressure control using an active monitoring system to automatically remove any moisture detected within the fixture and provides constant monitoring to ensure peak performance
- Wireless CRMX™ technology from Lumen Radio
- Epass™: Ethernet pass through switch which sustains Ethernet integrity, when the fixture has no power, to automatically maintain network connectivity
- DMX Protocol modes: 5
- Control channels: 32, 44, 64, 106, 140
- RGBW / CMY: 8 or 16 bit (internal 18 bit)
- Pan & Tilt resolution: 16 bit
- Variable CCT: 8 bit
- Zoom: 8 or 16 bit
- Dimmer: 8 or 16 bit (internal 18 bit)

Movement

- Pan movement range 540° with continuous rotation control
- Tilt movement range 360° with continuous rotation control
- Controllable speed of Pan & Tilt movement
- MAPS™ - Motionless absolute positioning system for Pan and Tilt (Patented)
- EMS™: Electronic Motion Stabilizer system for Pan & Tilt reducing beam deviation caused by truss movement or vibration (Patented)

Thermal specification

- Maximum ambient temperature: 50°C (122°F)
- Maximum surface temperature: 80°C (176°F)
- Minimum operating temperature: -50°C (-58°F)

Electrical specification and connections

- Power supply: Electronic auto-ranging
- Input voltage range: 120-240 V, 50/60 Hz
- Power consumption: Max. 1400W
- Power connector in: IP65 Neutrik powerCON TRUE1
- DMX and RDM data in/out: IP65 Locking 3-pin & 5-pin XLR connectors
- Ethernet port in/out: IP65 RJ45, for Embedded Epass™ switch 10/100 Mbps

Approvals

- CE Compliant
- cETLus Compliant (pending)

Mechanical specification

- Rugged aluminium housing
- Height: 489 mm (19,25") - head in vertical position
- Width: 608 mm (23,93")
- Depth: 283 mm (11,14")
- Weight: 31.9 Kg (70 lbs)
- Ingress protection rating: IP65

Rigging

- Mounting positions: Horizontally or vertically
- Universal operating position

Included items

- User Manual
- Omega Adaptor Extra Tall CL (2 pcs): 10981266
- Power cord including powerCON TRUE1 In connector:
 - US:13052277-01
 - EU:13052276-01

Optional accessories

- UpLift™ Removable Handles (2 pcs): 10981219
- Doughty Trigger Clamp: 17030386
- Omega Adaptor T CL (2 pcs): 10980184
- WTF! 300mm Truss mounting plate: 10981267
- WTF! 400mm Truss mounting plate
- Safety wire 36 kg: 99011963
- IP65 Seetronic cable reducer: 13053925
- Single Top Loader Case: 10120377-01
- Dual Top Loader Case: 10120378
- Foam Shell: 20020517

Legal

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