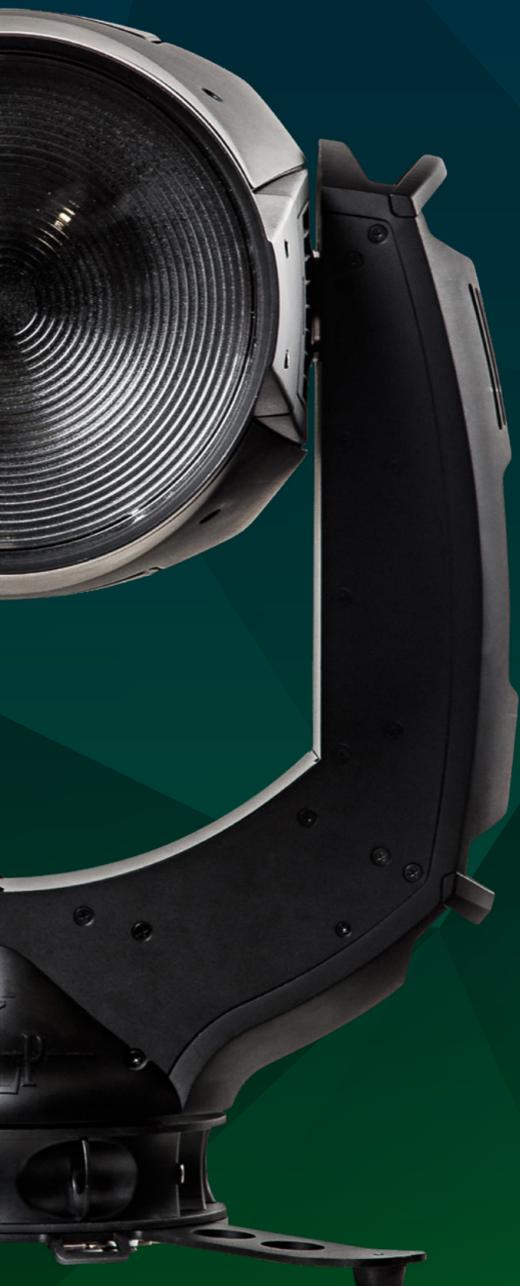


HIGHLANDER

WASH



POWERFUL WASHLIGHT
1,400 Watt
Luminous Flux 27,500 lm



GREAT COLOR SPECTRUM
deep saturated colors
wide pallet of pastel shades



OPTICAL EFFECTS
230 mm / 9 inch Fresnel Front Lens
very narrow Beam

HIGHLANDER WASH – TECHNICAL DATA

LIGHT SOURCE

Type	OSRAM Lok-it! 1400/PS Brilliant
Power	1,400 W
Lifetime	750 h
CCT	6,900 K
CRI (Ra)	90+
CQS	95+
TLCI	95+
TM-30 Rf	90+
TM-30 Rg	90+

OPTICS

Total Output	27,500 lm
Min. Zoom	5° beam angle (50%) 10° field angle (10%) 14° cutoff angle (3%)
Max. Zoom	44° beam angle (50%) 63° field angle (10%) 70° cutoff angle (3%)
Zoom ratio	7:1
Focus	2m / 6.6 ft – infinity, motorized
Output Lens Diameter	230 mm / 9 in

EFFECTS

Color mixing	fully variable CMY, fixed colors
Color temperature Control	variable CTO 2,700 K – open
Color wheel 1	7 x dichroic filters + open, indexing, continuous
Color wheel 2	7 x dichroic filters + open, indexing, continuous
Framing	4 individual framing shuttert with +/- 30° pitch control each, each blade covers 100% of the beam, additional gate rotation of 90°

Dimmer/ Shutter	0–100% continuous mechanical dimming, regular and random strobe pulse effects, instant open and blackout, separate mechanical shutter
Pan	670°
Tilt	264°

CONTROL AND PROGRAMMING

DMX channels	26
Control Modes	1
Control Protocols	DMX (USITT DMX512-A), RDM (ANSI/ESTA E1.20), Art-Net, sACN
Dimming Curves	linear, soft
Focus Tracking	off, near, medium, far
Setting and addressing	control panel with backlit graphic display, Jog Dial Navigation

CONNECTIONS

Power connection	Neutrik powerCON TRUE1 In
Signal connection	XLR 5-Pin In/Out, Neutrik etherCON In

ELECTRICAL SPECIFICATIONS

Power input	100–200 / 50–60 Hz (1,000 W lamp power) 200–240 / 50–60 Hz (1,400 W lamp power)
Power supply unit	Auto-ranging electronic switch-mode
Fuse	T15A 250 V 6x32mm

THERMAL SPECIFICATION

Cooling Type	Combined convection and forced air
max. ambient temperature (Ta max.)	45 °C / 115 °F

min. ambient temperature (Ta min.)	5 °C / 41 °F
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INSTALLATION

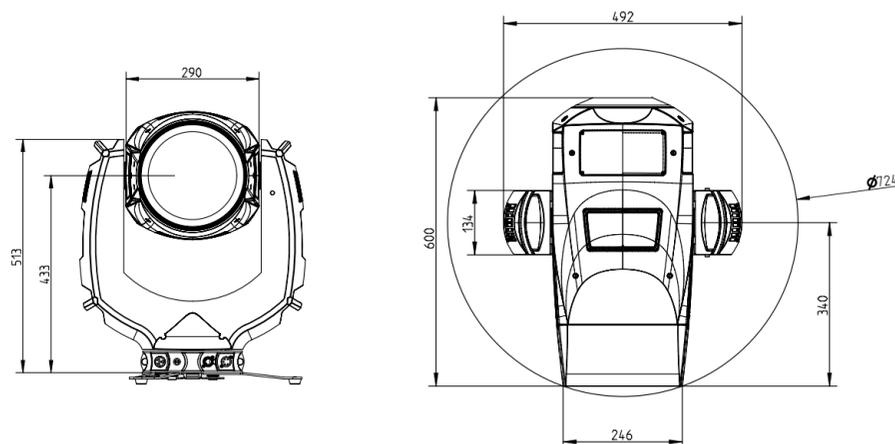
Mounting	M10 Screw Thread(s), 2 pairs of 1/4-turn locks, safety cable attachment point
Orientation	any
min. distance to illuminated surfaces	8 m / 26.4 ft

CONSTRUCTION

Housing Color	Black
Protection Rating	IP20
Construction Features	baseless design, integrated yoke handles, tilt-lock-system, modular slide system, service friendly filter system and light source change

DIMENSIONS & WEIGHT

Height (head straight up)	773 mm / 30.4 in
Width (across yoke)	492 mm / 19.4 in
Width (across head)	600 mm / 23.6 in
Depth (head straight up)	283 mm / 11.1 in
Weight	29.5 kg / 65 lbs



HIGHLA



FRAMING SYSTEM
advanced fully closable
4 Blade Framing



SLEEK DESIGN
29.5 kg / 65 lbs
Baseless



MECHANICS
super fast Pan/Tilt movement
service friendly

RAISING THE LEVELS OF PERFORMANCE

The HIGHLANDER Wash is a singular fixture that brings a new level of high performance, high output and high quality from a compact discharge source fixture with a superior optical system.

With a 1,400 Watt lamp and its large 230 mm / 9 inch front lens, the HIGHLANDER Wash delivers a truly massive light output, without ever sacrificing quality. With a native color temperature of 6,900 Kelvin, the HIGHLANDER optics have CRI, CQS and TM-30 quality indices all measuring 90 and above.

The HIGHLANDER Wash's high output optical system features a 7:1 ratio zoom with a range from a tight 5 degrees, out to 44 degrees beam and 10 to 63 degrees field angle.

Beam control is available through an independent and snappy motorized iris. The full feature framing system gives 4 blade control with each blade being able to tilt on its axis and cross the entire beam like a curtain. With separate control over each blade, the beam can be controlled down to the finest detail, and recalled in an instant. The entire beam framing system can also be rotated through a 90 degree range for optimum control.

A glass, dichroic based CMY color system gives a full color pallet from the softest pastel shades

to full saturation, and anything in between. This is supported by two separately controlled color wheels, each with 7 color positions plus open. The whole color output can also be temperature controlled anywhere from 2,700 to 6,000 Kelvin using a further separate dichroic based CTO system.

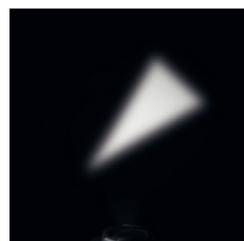
Additional control features of the HIGHLANDER include smooth dimming with multiple user-selectable curves, separate shutter control with built in macros, fast 16 bit Pan and Tilt movement and an ECO operating mode.

The HIGHLANDER Wash is designed with a compact, baseless design that allows the unit to be hung in any orientation. Power is connected via Neutrik True1, whilst data is connected via 5-pin XLR or Ethernet, with DMX, Art-NET or sACN as available control options.

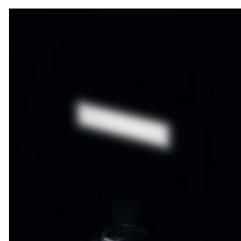
The HIGHLANDER Wash runs flicker free and has numerous additional convenience features including a battery powered control system for addressing and configuration without mains power; an auto sensing power supply; 4 carrying handles and a comprehensive set of rigging options. This, combined with its low weight of only 29.5 kilograms / 65 pounds, makes the GLP HIGHLANDER Wash a truly versatile workhorse.

FRAMING

The four shutter blades of the HIGHLANDER Wash can be inserted over the full beam at an angle of +/- 30° and in the position of 0–100%. Thus, triangles and a complete shading is easily realized. The entire framing module is on the same optical level. The entire shutter unit can also be rotated by +/- 45°.



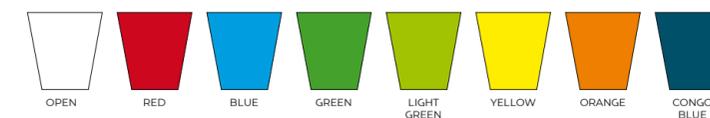
Each shutter blade is tiltable +/- 30° and 100% insertable



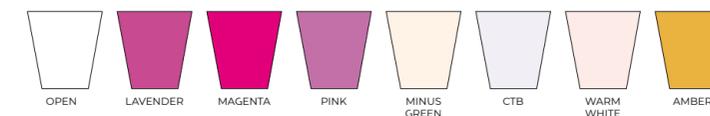
Parallel positioning of the shutter blades

COLORS

FIXED COLOR WHEEL 1



FIXED COLOR WHEEL 2



CMY COLOR MIXING

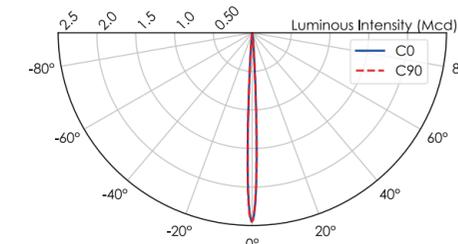


CTO-FILTER

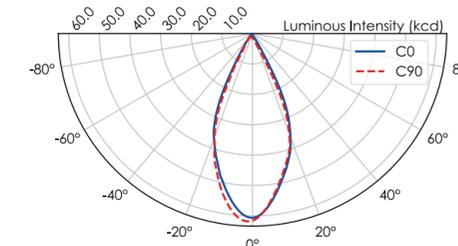


PHOTOMETRIC DATA

NARROW BEAM



WIDE BEAM



BEAM ANGLE

