TECHNICAL SPECIFICATIONS

**Optics**

* 12-element 14:1 zoom high-resolution optic system
* Beam aperture: 4° to 57°
* Fast motorised linear zoom
* Tempered anti-reflective coated lenses
* 190 mm frontal Fresnel lens

**Light source**

* 58,000 lumens white light engine
* Total luminaire output: up to 40,000 lumens (integrating sphere measurement, Stage Fan mode)
* Colour temperature output: 6500 K
* CRI: greater than 70
* Rated life (L70): up to 40,000 hours
* Flicker-free source management suitable for TV applications and all video-recorded events

**Movement**

* Extremely accurate positioning
* Moving-head operated via either 8- or 16-bit resolution
* High-resolution stepper motors operated via microprocessors to ensure extreme accuracy and smooth movement
* Pan and tilt automatic repositioning
* Moving-head range: infinite pan and tilt rotation

**Colours**

* Sophisticated colour mixing system providing CMY color mixing
* Variable CTO colour temperature correction
* Variable CRI improvement filter
* Fixed colour wheel with seven complementary colours

**Gobos**

* Indexable rotating gobo wheel with six high precision glass gobos and a scrim filter
* Progressive scrim filter to reduce light intensity at shallow projection angles
* Adjustable-speed rotating gobo in both directions
* Gobo diameter: 30.0 mm
* Image diameter: 18.0 mm
* Gobo thickness: 1.1 mm

**Framing system**

* 4 individually positionable barndoors on a 100% surface area in all positions
* Rotation of the barndoors module: +/- 90°

Iris diaphragm

* Fast iris diaphragm with adjustable dynamic effects
* Iris range: 15% to 100% open

**Frost**

* 0% to 100% variable linear frost

**Effects**

* Focusable CMY & RGB graphic animation effect-wheel with continuous rotation in both directions
* Beam ovalising filter, indexable and rotatable

**Dimmer / Strobe**

* Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
* Strobe effect, with speed adjustment from 1 to 25 flashes per second

**Software features**

* Local DMX addressing of luminaire and optional parameters through its built-in LCD control panel
* Remote DMX addressing of luminaire and optional parameters through a standard RDM DMX controller
* Information menu including hour counter, temperature, software version

**Hardware features**

* Graphic LCD display for addressing and special functions settings, with flip function
* 5 menu buttons to set functions
* Excess temperature protection
* Integrated wireless CRMX TiMo RDM receiver from LumenRadio
* IP65 XLR 5 pin male and female connectors for DMX connection
* IP65 RJ45 IN / OUT connectors for ArtNet connection
* IP65 PowerCON TRUE1 male connectors for power connection

**Control**

* DMX 512 protocol, through DMX cable or a wireless system
* DMX-RDM compatible
* Stand-alone mode and Master/Slave modes
* ArtNet & sACN protocol through Ethernet cable
* Local control panel, with IP65 LCD display
* 60 DMX channels footprint

**Power supply**

* Electronic supply with active PFC
* 100 to 240 Volts – 50/60Hz
* Power: 1300 W maximum

**Cooling system**

* Advanced liquid cooling system
* IP68 Self-adjusting variable speed fans for quiet operation (Auto mode)
* Selectable ventilation user modes including Super Silent Mode
* Safety protection against excess temperature

**Housing**

* Moving-head skeleton made of aluminium and steel metal plates
* Base in die-cast composite alloy
* Heatsinks in aluminium and copper
* Moulded covers in self-extinguishing fire retardant ABS PC (V0 class)
* Four-side handles for transportation
* Four heavy-duty feet for better stability
* IP65 protection rating
* Exterior finish: black (Carbon)

**Installation**

* Fastening bracket system: two Omega ¼ turn brackets designed for use with standard clamps
* Mounting points: eight ¼ turn locking fittings allowing installation of Omega brackets on luminaire
* Safety cable attachment point

**Operating parameters**

* Operating positions: all (device on floor or fixed to a support)
* Maximum permitted ambient temperature (Ta max): 45 °C (113 °F)
* Minimum permitted ambient temperature (Ta min): -20 °C (-4 °F)
* Minimum usage distance: 4 m (13.123 ft.)

Compliance

EU (EMC & LVD):

* EMC Directive 2014/30/EU
* LVD Directive 2014/35/EU

US (Safety & EMC)

* UL 1573
* FCC Part 15, Subpart B:2018

Size

* Product: 404 x 757 x 366 mm (l x h x d)
* Flight-case foam: 500 x 640 x 680 mm (l x h x d)

Weight

* Product: 39 kg

Product codes

* 012541: VELOCE WASH - ULTIMATE IP65 6 SERIES

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Specifications subject to change without notice.