



# LEVANTE

Ayrton now introduces Levante™, a dramatically miniaturised version of the Bora wash light, and using the same radical concept, has endowed it with outstanding performance capabilities in the confines of an ultra-compact format. Levante is a marvel of technology that will attract the most demanding lighting designers. The “S” version, weighing only 22 kg, can deliver light output greater than 20,000 lumens while consuming only 300 Watts. Fitted with a spherical frontal 138 mm lens, the proprietary optical system, using 13 lenses and developed specifically for wash-type applications, features a zoom ratio of over a 9:1 and an impressive zoom range from 6.3° to 58°. The optics produce an extremely uniform flat beam with no hot spot, ensuring a perfect colour mix regardless of the colour combination selected. Ayrton has created a wash luminaire that can actually sculpture light and added a high-transmission diffusion filter to the zoom lens

## OPTICS

- 13-element 9:1 zoom high-resolution optic system
- Beam aperture: 6.3° to 58°
- High-speed motorised linear zoom
- Tempered anti-reflective coated lenses
- 138 mm frontal lens for greater performance

## LIGHT SOURCE

### LEVANTE-S

- 26,500 lumen, 8000 K white light engine
- Total luminaire output: up to 20,000 lumens
- Colour temperature output: 6500 K
- CRI: greater than 70

### LEVANTE-TC

- 20,500-lumen 7000 K white light engine
- Total luminaire output: up to 15,000 lumens
- Colour temperature output: 5700 K
- CRI: greater than 90

### LEVANTE-S & LEVANTE-TC

- Rated life (L70): up to 40,000 hours
- Flicker-free source management suitable for TV applications and all video-recorded events

## MOVEMENT

- Highly 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 with automatic repositioning
- Moving-head range: 540° (pan), 270° (tilt)

## COLOURS

- Sophisticated colour mix system providing CMY colour mixing
- Variable CTO colour temperature correction
- Fixed colour wheel with seven complementary colours

## GOBOS

- 1 indexable rotating gobo wheel with 7 metallic gobos, plus an open position
- Adjustable-speed rotating gobo in both directions
- Gobo diameter: 25.0 mm
- Image diameter: 19.0 mm

## BARNDOORS

- 4 individually positionable shutter blades on a 100% surface area in all positions
- Rotation of the barndoor system module: +/- 45°

## IRIS DIAPHRAGM

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

## FROST

- 0% to 100% variable linear frost

## EFFECTS

- Sparkle effect: dynamic animation effect with speed and fade adjustment

## DIMMER / STROBE

- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- White or colour 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

# 300W Wash luminaire

group to erase the edge of the beam without changing its angle. A variable linear frost system was developed to let the user adjust the desired diffusion level with precision. A new barndoors module allows the four shutter blades to be freely positioned on 100% of the surface area so that any object can be framed regardless of the luminaire's position.

Levante is available in two versions: the S and the TC. The S version can produce ultra high output, generating metallic white light calibrated at 6500 K and is specially designed for stage applications. The TC version, geared for situations that require perfect colour rendition, has a native colour rendering index greater than 90 and high TM30 readings. Feature-rich from the factory, Levante is not only equipped with a barndoor module but also a CMY colour mixing system, which, combined with a variable CTO and a wheel with seven complementary colours, produces an infinite palette of vivid pastels and saturated colours. A 15-blade iris diaphragm and a wheel with seven indexable rotating gobos are supplied as standard equipment. A new ultra-compact high-output 550 W power supply feeds eight additional motors in the barndoor system, fitting into the same format as Mistral. Levante has a highly efficient phase-change liquid cooling system using a heat pipe that includes a particularly effective ultra-silent ventilation mode, designed for stage and studio applications.



## HARDWARE FEATURES

- Graphic LCD display for addressing and special functions settings, with flip function
- Clicking jog wheel to set functions
- Excess-temperature protection
- Integrated wireless CRMX TiMo™ RDM receiver from LumenRadio™
- XLR 5 pin male and female connectors for DMX connection
- PowerCON TRUE1 male and female 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
- Local control panel, with LCD display
- Choice of 3 DMX modes (from 31 to 52 DMX channels)

## POWER SUPPLY

- Electronic supply with active PFC
- 100 to 240 Volts – 50/60Hz
- Power: 550 W maximum

## COOLING SYSTEM

- Advanced liquid cooling system
- Self-adjusting variable speed fans for quiet operation (Auto mode)
- Selectable ventilation user modes with a new Silent Mode
- Safety protection against temperature excesses

## HOUSING

- Moving-head skeleton made of aluminium and steel plates
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Moulded covers in self-extinguishing fire retardant ABS PC (V0 class)
- Two-side handles for transportation
- Four heavy-duty feet for better stability
- IP20 protection rating
- Exterior finish: black (Carbon)

## INSTALLATION

- Fastening brackets system: two Omega ¼ turn brackets designed for use with standard clamps
- Mounting points: four 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): -10° C (14° F)
- Minimum usage distance: 1.5 m (4.92 ft)

## COMPLIANCE

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

## SIZE

- Product: 365 x 591 x 212 mm (l x h x d)
- Flight-case foam: 430 x 660 x 280 mm (l x h x d)

## WEIGHT

- Product: 22.0 KG

## PRODUCT CODES

- 010240: LEVANTE-S AUTOMATED WASH LUMINAIRE
- 010250: LEVANTE-TC AUTOMATED WASH LUMINAIRE

## LEGAL

- LEVANTE is AYRTON registered Trademark
- LEVANTE is a patented model