



# COBRA

## UNIQUE

### OPTICS

- 13-element 38:1 zoom high-resolution optic system
- Beam aperture: 0.6° to 23°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 170 mm frontal lens for greater performance

### LIGHT SOURCE

- Luminous flux: 386,000 lux at 20 m
- Colour temperature output: 6500 K
- CRI: greater than 65
- Rated life (L70): up to 12,000 hours
- Speckle-free source

### 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 automatic repositioning
- Moving-head range: infinite pan and tilt rotation

### COLOURS

- Sophisticated colour mix system providing CMY color mixing
- Fixed colour wheel with progressive CTO, 6 colour temperature correction and 27 complementary colour filters

### GOBOS

- One indexable rotating gobo wheels with 12 metal gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Fixed multiposition gobo wheel with instant access to 80 metal gobos
- Gobo diameter: 6.9 mm
- Image diameter: 4.0 mm

### FROST

- 2 frost filters: one light, one heavy

### EFFECTS

- Monochromatic graphical animation effects wheel with continuous rotation in both directions
- 2 set of 4 combinable rotating and indexable prisms

### 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 TOP male connector 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
- Choice of 3 DMX modes (from 35 to 45 DMX channels)

### POWER SUPPLY

- Electronic supply with active PFC
- 120 to 240 Volts – 50/60Hz
- Power: 480 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 excess temperature

### HOUSING

- Moving-head skeleton made of aluminium and steel metal 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
- IP65 protection rating
- Exterior finish: black (Carbon)

### INSTALLATION

- Fastening bracket 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): -20° C (14° F)
- Minimum usage distance: 25 m (82 ft) at full power with a converge beam

### 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: 415 x 660 x 280 mm (l x h x d)
- Flight-case foam: 485 x 565 x 560 mm (l x h x d)

### WEIGHT

- Product: 33 kg

### PRODUCT CODES

- 014170: COBRA - LASER SOURCE IP65 3 SERIES

### LEGAL

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

