



RAWBEAM 350



OPTICS

- 13-element 40:1 zoom high-resolution optic system
- Beam aperture: 1.1° to 18° and 2.2° to 45°
- Tempered anti-reflective coated lenses
- 160 mm frontal lens

LIGHT SOURCE

- Lux at 10 m, over 1,340,000 lx (narrow angle)
- Colour temperature output: 6800 K
- Rated life (L70): up to 12,000 hours
- Speckle-free source

MOVEMENT

- Extremely accurate positioning
- Moving-head operated via either 8- or 16-bit resolution
- Pan and tilt automatic repositioning
- Moving-head range: infinite (pan & tilt)

COLOURS

- Sophisticated colour mix system providing CMY colour mixing
- Variable CTO colour temperature correction 3000 to 6800 K
- Fixed colour wheel with 15 complementary colours, 1 multicolour animation section and 1 gobo correction filter (1/4 CTB)

GOBOS

- One indexable rotating gobo wheels with 10 Quartz glass gobos (or metal), plus open position
- Adjustable-speed rotating gobo in both directions
- Fixed multi-position metal gobo wheel with instant access to 25 metal gobos, 4 beam reducers and open position
- Gobo diameter (rotating): 16 mm
- Image diameter (rotating): 10 mm
- Gobo thickness (rotating): 1.1 mm

FROST

- Light frost (1°) to soften the edge of the beam
- Heavy frost (5°) for Wash effects

EFFECTS

- Focusable graphic animation effect-wheel with continuous rotation in both directions (on fixed gobo wheel)
- 2 set of 3 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 FACILITIES

- 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 FACILITIES

- 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 and sACN connection
- IP65 Power connectors male and female for power connection

CONTROL

- DMX 512 protocol, through IP65 DMX cable or a wireless system
- DMX-RDM compatible
- Stand-alone mode and Main/Follow modes
- ArtNet & sACN protocol through Ethernet cable
- Local control panel, with IP65 LCD display
- Choice of 1 DMX mode (43 DMX channels)

POWER SUPPLY

- Electronic power supply with active PFC
- 100 to 240 Volts - 50/60Hz
- Power: 660 W maximum
- Power: 550 W typical at 230 V

COOLING SYSTEM

- Advanced high-performance 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 metal plates
- Head in die-cast aluminium
- Base in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms covers in self-extinguishing fire retardant ABS PC (VO 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: 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 (-4°F)
- Minimum usage distance: 25 m (82ft)

COMPLIANCE

- EU (EMC & LVD)
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

US (Safety & EMC)

- UL 1573
- FCC Part 15, Subpart B:2023

Substance regulations

- RoHS
- REACH
- CP65

SIZE

- Product: 339 x 592 x 297 mm (l x h x d)
- Flight-case foam: 395 x 630 x 335 mm (l x h x d)

WEIGHT

- Product: 25.4 kg

PRODUCT CODE

- 014350: RAWBEAM 350 - LASER SOURCE IP65 3 SERIES

LEGAL

- RAWBEAM 350 is AYRTON registered Trademark
- RAWBEAM is patent pending