EAGLESTRIKE



AYRTON
Digital Lighting



EAGLESTRIKE

Classical 9 Series

Illuminance at 10m
› 100,000 lx

Native CRI
› 70

Front Lens
270 mm

Zoom Aperture
2.9 ° to 43 °

IP Rating
IP65

Weight
54.7 kg

EagleStrike was born from a bespoke request for a signature luminaire. It stands as the first LED-source followspot in Ayrton's range, engineered for intensive outdoor use across long distances where precision is paramount. An optional camera enables EagleStrike to function as a remotely operated tracking spotlight. To create this uncompromising and unmatched extreme-luminaire, Ayrton developed an oversized 270 mm front lens weighing 7.7 kg, delivering an ultra-intense 2.9 ° beam. Its proprietary 13-lens optical system offers a 15:1 zoom ratio and a working range of 2.9 ° to 43 °, with the ability to narrow the beam to 0.9 ° or 2.5 ° using dedicated gobo reducers. Equipped with a brand-new high-efficiency 1,200-watt LED module, EagleStrike outputs a luminous flux of 55,000 lm at a colour temperature of 6500 K, and achieves a record-breaking illuminance of over 100,000 lux at 10 metres. The fixture introduces an entirely new ultra-fast CMY flag-based colour mixing system, capable of matching the speed of Ayrton's 'ultimate' series luminaires. A progressive CTO offers subtle tuning from 2900 K to 6500 K. The colour section includes six complementary colour filters, two CRI enhancement filters, one minus green, one gobo correction and one multi-colour filters.

EagleStrike features a full-framing system with precise blade positioning across 100 % of the field, and ± 90 ° rotation, allowing users to frame any object regardless of the luminaire's orientation. The effects section combines two overlaying rotating gobo wheels, each equipped with seven gobos, a 15-blade iris diaphragm, and a single-colour effects wheel. Designed with a range of optical tools for sculpting the light, EagleStrike includes two Frost filters—one with light diffusion that softens edges without altering the beam angle, and a high-diffusion variant for wash applications—as well as two combinable rotating image-multiplier prisms: a 4-facet linear and a 5-facet circular. Its minimalist design integrates all waterproofing features while maintaining full access to internal components. A next-generation oversized cooling system ensures high efficiency, featuring three submersible fans located outside the sealed housing. Continuous rotation on the pan axis expands creative potential and facilitates use in automatic followspot mode. EagleStrike will exceed your expectations.

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OPTICS
- 13-element 15:1 zoom
- Beam aperture: 2.9 ° to 43 °
- Beam reducer: 0.9 ° & 2.5 °
- 270 mm front lens

LIGHT SOURCE
- 82,000 lm white light engine
- Luminaire output: up to 55,000 lm
- Lux at 10 m: over 100,000 lx (narrow angle)
- Colour temperature output: 6500 K
- CRI: greater than 70
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT
- Extremely accurate positioning
- Resolution 8- or 16-bit
- Smooth movement
- Pan and tilt automatic repositioning
- Range: infinite (pan), 270 ° (tilt)

COLOURS
- Sophisticated CMY colour mixing
- Variable CTO 2900 to 6500 K
- 6 complementary colours
- 2 CRI, minus green, gobo correction and multicolour filters

GOBOS
- 7 Indexable gobo: 5 glass & 2 beam reducers
- 7 Indexable gobo: 5 metal gobos & 2 multicolor
- Adjustable-speed rotating gobo
- Gobo diameter: 30 mm
- Image diameter: 19 mm
- Gobo thickness: 0.5 to 2.2 mm

FRAMING SYSTEM
- 4 individually shutter blades
- Positionable on a 100% surface area
- Rotation of the module: ± 90°

IRIS DIAPHRAGME
- 15-blade iris diaphragm
- Range: 15% to 100% open

FROST
- 2 frost filters: one light (1 °), one heavy (5 °)

PRISMS
- 2 combinable rotating and indexable prisms
- One 5-facet circular, one 4-facet linear

EFFECTS
- Focusable graphic animation effect-wheel
- Continuous rotation in both directions

DIMMER / STROBE
- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES
- Graphic LCD display with flip function
- 5 menu buttons to set functions
- Integrated wireless LumenRadio receiver
- IP65 XLR 5 pin connectors
- IP65 RJ45 IN / OUT connectors
- IP65 RJ45 for optional NDI Camera
- IP65 PowerCON TRUE1connector
- Option for an IP65 NDI Camera holder

CONTROL
- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet & sACN protocol
- 2 DMX modes (from 44 to 66 DMX channels)

POWER SUPPLY
- 100 to 240 Volts – 50/60Hz
- Power: 1,450 W maximum
- Power: 1,295 W typical consumption at 230 V

COOLING SYSTEM
- Advanced liquid cooling system
- IP68 Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING
- Skeleton made of aluminium
- Head & base in die-cast aluminium
- Heatsinks in aluminium and copper
- Arms moulded covers in ABS PC (V0 class)
- Four handles on the yoke
- Four heavy-duty feet
- IP65 protection rating
- Exterior finish: black (Carbon)

INSTALLATION
- Two Omega ¼ turn brackets
- Eight ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS
- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -20 °C (-4 °F)
- Minimum usage distance: 6 m (19.68 ft)

COMPLIANCE
- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU
- US Safety: CFR 47, FCC Part 15, Subpart B:2023
- Substance regs: RoHS, REACH, CP65

SIZE
- Product: 450 x 898 x 413 mm (l x h x d)
- Polyfoam: 690 x 770 x 560 mm (l x h x d)

WEIGHT
- Product: 54.7 kg

PRODUCT CODE
- 012840: EagleStrike IP65
- 042840: EagleStrike - Camera Enclosure

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