



GHIBLI

Ghibli™ is Ayrton's first LED spot luminaire that is factory-equipped with a framing system designed to offer lighting designers unlimited creative possibilities without any compromise. Fitted with a LED module using a high-output, low-etendue monochromatic light source calibrated at 6500 K, Ghibli delivers light output of 23,000 lumens in a highly compact format. The proprietary optical system, equipped with a 137mm frontal lens, has 13 high-quality lenses, delivering an 8:1 zoom ratio and a zoom range of 7° to 56°. The optics produce an extremely uniform fat beam with no hot spot. The selection of gobos and colours was made in collaboration with lighting designers to meet the needs of the entertainment industry.

OPTICS

- 13 elements 8:1 zoom high-resolution optic system
- Beam aperture: 7° to 56°
- Fast motorised linear zoom
- Tempered anti-reflective coated lenses
- 137 mm frontal lens for greater performance

LIGHT SOURCE

GHIBLI-S

- 36,000 lumens 8000 K white light engine
- Total luminaire output: up to 23,000 lumens
- Colour temperature output: 6500 K
- CRI: greater than 70

GHIBLI-TC

- 26,000 lumens 7000 K white light engine
- Total luminaire output: up to 17,000 lumens
- Colour temperature output: 5700 K
- CRI: greater than 90

GHIBLI-S & GHIBLI-TC

- 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 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 six complementary colours and High CRI filter

GOBOS

- Indexable rotating gobo wheels with 7 high-precision glass gobos, plus open position
- Adjustable-speed rotating gobo in both directions
- Fixed gobo wheel with 8 high-precision glass gobos, plus open position
- Gobo diameter: 30.0 mm
- Image diameter: 22.0 mm
- Gobo thickness: 1.1 mm

FRAMING SYSTEM

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

IRIS DIAPHRAGM

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

FROST

- 2 frost filters: one light, one heavy

EFFECTS

- Graphic animation effect-wheel with continuous rotation in both directions
- 5-facet circular rotating and indexable prism
- 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
- 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

600W Profile luminaire

Ayrton has concentrated its expertise into one, single fixture Ghibli to offer you a maximum of possibilities. Think versatile. Think Ghibli. Standard features on Ghibli include a CMY colour mixing system combined with a variable CTO and a six-position complementary colour wheel to produce in an infinite palette of pastels and saturated colours. The luminaire is fitted with an entirely new filter for optimising the colour rendering index. The framing system allows each frame to be positioned with precision on a 100% surface area in all positions. The effects section includes two wheels with interchangeable HD glass gobos: one with seven rotating and the other with eight fixed gobos; a continuous dynamic effects wheel; an iris diaphragm; two frost filters and a five-facet rotating prism. Ghibli is equipped with a new, highly effective phase-change liquid cooling system using a heat pipe.



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
- Ethercon RJ45 IN / OUT connectors for ArtNet™ connection
- PowerCON TRUE1 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 LCD display
- Choice of 3 DMX modes (from 34 to 58 DMX channels)

POWER SUPPLY

- Electronic supply with active PFC
- 100 to 240 Volts – 50/60Hz
- Power: 800 Watt max

COOLING SYSTEM

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

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
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- Fastening brackets 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): -10° C (14° F)
- Minimum usage distance: 2.0 m (6.56 ft)

COMPLIANCE

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

SIZE

- Product: 468 x 734 x 280 mm (l x h x d)
- Flight-case foam: 655 x 590 x 555 mm (l x h x d)

WEIGHT

- Product: 35.6 KG

PRODUCT CODES

- 011450: GHIBLI-S PROFILE LUMINAIRE
- 011460: GHIBLI-TC PROFILE LUMINAIRE

LEGAL

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