

ORKIS PROFILE M

Body code AG2005E41100 (black)
Zoom 12° – 30° code AZ1010000100
Zoom 22° – 50° code AZ1011000100

11/2021

ORKIS PROFILE M
Six-colour LED luminaire with
interchangeable optical units.
The advanced technology
dedicated to stage lighting.



The ORKIS PROFILE M based on the 6-colour HCR technology has been designed to meet the needs of the most demanding lighting designers in terms of dimming, colour mixing, variable white, beam uniformity and light quality. It is fully compatible with the Orkis Fresnel and the Klemantis, both in terms of colorimetry and colour control.

The Orkis Profile features optics consisting of a double lens combined with a single lens to prevent field distortion and chromatic aberrations. These lenses have a special anti-reflective coating, which ensures extremely high light output, uniform light distribution and perfect sharpness.

The fixture has a 4 shutters framing system and is designed to work with up to 6 shutters on three focal planes. All the blades have an anti-reflective coating. After adjustment, the shutters can be locked in place thanks to a special locking system.

The two zoom units, 12–30° and 22–50°, can be simply swapped in a few seconds thanks to the 'Fast Optical Mount' system. This operation can be done easily with the luminaire in any position.

Orkis Profile unique mechanical system allows rotating the zoom, along with shutters and gobo, freely and completely. You may adjust the zoom and focus lenses freely and smoothly, from one side, while the luminaire is in any position, thus giving you highly precise control over the light beam.

A graduated scale on the side along the tube allows you to set and replicate precisely the zoom and focus positions. The body is equipped with two guide rails which allow you to reposition the yoke to suit different situations. The special curved shape of the yoke means the profile may be used hung or on the floor without interfering the shutters setting. The locking system is quick and practical thanks to the single adjustable handle.

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ELECTRICAL SPECS

- Power supply: electronic auto-ranging
- Input voltage range: 110-240Vac 50/60 Hz
- Max power consumption: 300 VA at 230 V/50 Hz

POWER CONNECTION

- Power input: Power CON TRUE 1 Inlet
- Power thru: Power CON TRUE 1 Outlet

DATA CONNECTION

- Control protocols: DMX512/RDM/sACN
- Art-Net 4
- WDMX control version available
- Data IN connector: Neutrik 5 pins XLR + RJ45
- Data OUT connector: Neutrik 5 pins XLR

MECHANICAL SPECS

- Painting: black with epoxidic powder
- Net Weight Body: 9.5 kg
- Net Weight Zoom 12° - 30°: 7 kg
- Net Weight Zoom 22° - 50°: 6 kg
- Body Packed volume: 370 x 430 x 720 mm
- Body Packed weight: 12.5 kg
- Zoom 12° - 30° Packed volume: 340 x 355 x 575 mm
- Zoom 12° - 30° Packed weight: 8 kg
- Zoom 22° - 50° Packed volume: 340 x 355 x 575 mm
- Zoom 22° - 50° Packed weight: 7 kg
- Body: die-cast aluminum
- Cooling system: automatic fan with variable speed
- Noise level
Standard mode: 24.0 dB (A) @ 1 m
Boost mode: 32.0 dB (A) @ 1 m
- IP protection rate: IP20

OPERATIONAL SPECS

- Working position: Tilt angle +/-360°
- Min. distance to illuminated surface: 2 m
- Ambient temperature (min max): -20 °C/+40° C
- Maximum surface temperature: 90°

OPTICAL SPECS

- Source: HCR COB Exclusive LED board featuring six colors: Red + Green + Blue + Cyan + Amber + Lime 22HCR LED equivalent
- Lifetime L70: 57,000 h
- Color temperature: Variable white ranging from 2500K to 8000K, with perfect CCT following the Plank curve.
- CRI above 97 throughout the entire CCT
- Optics: Zoom 12° - 30° & Zoom 22° - 50°

APPROVALS

- CE/ETL

PROVIDED WITH

- Neutrik PowerCON TRUE 1 power cable/bare ends (1.5m cable PVC insulated 3X1.5mm)
- Rotating & Sliding Yoke

ACCESSORIES

- Gobo Holder (AA2011000100)
- Gobo holder + Frost (AA2012000100)
- Gobo holder + Iris (AA2013000100)
- Additional shutters x 2 (AA2014000100)

DIMENSIONS

- Body & Zoom 12° - 30°: LxWxH (mm): 870 x 315 x 295
- Body & Zoom 22° - 45°: LxWxH (mm): 710 x 315 x 295

FUNCTIONAL DATA

- Tungsten mode, to replicate the behavior of a tungsten lamp during dimming from 0 to 100% and vice versa, including color temperature adjustment. *
- Tint correction: +/- green/magenta adjustments. *
- 16 bit ultra-smooth dimming, with different dimming curves available. *
- Wide color gamut and extended spectrum, including deep blue and deep red.
- Smooth color transition through different time, cross-fade and path options, and a gamma correction system. *
- Color control: hue saturation luminosity (HSL), CMY, RGB and RAW modes fully exploit the potential of the six-color system; More than 80 digital filters (Color macros) which reproduce the spectrum of gel filters with tungsten bulbs. *
- High color stability and accuracy even in tungsten mode, thanks to a high-resolution driver.
- Color consistency over time and temperature changes, thanks to combined fixture calibration. *
- Fixture to fixture colors repeatability, thanks to tight wavelength binning selection and 100% fixture calibration. *
- Flicker-free, thanks to PWM frequency adjustment from 1 kHz to 50 kHz (10 Hz steps). *

* embedded product functions managed by internal algorithms