

LEXPERT PROFILE L

AG2300E41200 - AG2500E41200



WHITE LED PROFILE UNIT DESIGNED TO REPLACE 1 KW HALOGEN PROFILE UNITS

The LEXPERT Profile is a white LED light able to produce a powerful, high quality light beam. The two versions available in the catalogue have different White colour temperatures: Warm or Daylight. They are built to be modular: the body containing the LED source works together with an optical unit with either a 15°-30° or a 25°-50° zoom. The two zoom modules are perfectly interchangeable with each other. The LEXPERT Profile is equipped with a very accurate dimming system: you can choose between four channels modes, allowing 8 or 16-bit dimming and four different dimmer curves. Alternatively intensity can be manually adjusted using an easily accessible knob on the back of the unit. The shaping system consists of four shutters, and thanks to an optimized optical system, the LEXPERT Profile offers a perfect, uniform beam as well as a very sharp imaging. The unit also houses a metal filter frame for inserting colour or frost filters, and a Gobo holder, or an optional 20-blade iris. The frequency of this very silent light may be set to between 600 and 4800 Hz and you may choose either DMX512, RDM or ArtNet3 control. The LEXPERT Profile is the ideal unit for lighting theatres, TV studios and multifunctional venues.

ELECTRICAL SPECIFICATIONS

- Power supply:
Electronic auto-ranging.
- Input Voltage range:
AC 100-240V, 50/60Hz.
- Max power consumption:
AC 230V: 382W, 1.7A,
AC 120V: 399W, 3.3A.
- Units daisy chain (max):
AC 230V, 7 pcs.
AC 120V, 4 pcs.

POWER CONNECTION

- Power Input/Output:
Neutrik® PowerCon™.

DATA CONNECTION

- Control protocols:
DMX512 / RDM / ArtNET3.
- Data IN connector:
Neutrik® 5 pins XLR.
- Data OUT connector:
Neutrik® 5 pins XLR.
- Ethernet connector:
Neutrik® EtherCon™.

APPROVALS

- CE / ETL

PROVIDED WITH

- Metal filter frame 185x185 mm.
- Gobo holder (Gobo size 90 mm).

MECHANICAL SPECIFICATIONS

- Housing: Aluminum and steel.
- Painting: Black epoxy powder painting.
- LCD display.
- Product Dimensions (Length x Width x Height):
Body - 441 x 298 x 506 mm
Zoom 15-30 - 509x282x282 mm
Zoom 25-50 - 400x282x282 mm
- Packaging Dimensions (Length x Width x Height):
Body - 610 x 360 x 355 mm
Zoom 15-30 - 600x320x330 mm
Zoom 25-50 - 490x 20x330 mm
- Net Weight: Body – 9 Kg,
Zoom 15-30 - 7,8 Kg,
Zoom 25-50 - 7,2 Kg,
- Packed Weight: Body - 12 Kg,
Zoom 15-30 – 9,6 Kg,
Zoom 25-50 - 8,9 Kg
- Cooling System: forced ventilation with axial fan.
- Max noise level: 30 dB(A) @ 1m in Standard mode / 25dB(A) @ 1m in Silent mode.
- IP protection: IP20.
- Cable (bare wires) length: 1.5 m.

OPERATIONAL SPECIFICATIONS

- Minimum distance to illuminated surface: 0.50 m.
- Ambient temperature: Max +40°C.
- Max surface temperature: 80°C.

ACCESSORIES

- Iris 20 leaves,
code AA2000000200.
- Hook Clamp.
- Safety Cable.

OPTICAL SPECIFICATIONS

- Source: WHITE LED 280W.
- Source Lifetime L70: 20000 hours.
- Color Temperature:
Warm white: 3100K±150K,
Daylight: 5600K±200K.
- CRI: ≥ 90 in Warm white, ≥ 85 in Daylight.
- Optical Zoom.
- Beam Angle: 15°-30° or 25°-50°.

FUNCTIONAL DATA

- Interchangeable Zoom barrel.
- Rotating Zoom barrel, including shutters and gobo.
- Available in two color temperatures Warm white and Daylight.
- High CRI.
- 8-bit and 16-bit ultra-smooth dimming, with different dimming curves available.
- Flicker-free, thanks to PWM frequency adjustment from 600 Hz to 4800 Hz.
- 4 fan selection: boost, standard, silent, ultra-silent.
- Firmware upgrade and all settings available via Webpage.