



- ✓ [C61705 Axcor Profile 600](#)
- ✓ [C61706 Axcor Profile 600 HC](#)

In the crowded world of medium-high power lights, the AXCOR PROFILE 600 stands out for its excellent combination of high performance, exceptional light quality, and versatility of use.

It fits a 500 W white LED engine, available in two versions: with high output 6500K color temperature, or - alternatively - with 5600K color temperature and a CRI of around 90.

In both versions, the luminous efficiency is among the highest in this power category, and - if necessary - it can be further increased by about 25% thanks to “boost mode” making AXCOR PROFILE 600 a perfect tool for tours and large events. A wide zoom range from 5.3° to 47.2° (1:9 ratio) means the light can be used in a variety of situations, including those for which a narrow angle is best.

The completeness of its color section, its great wealth of visual effects, its framing system implemented with technological devices that enhance its precision and versatility, the possibility of using it as a wash light, make the Axcor Profile 600 an essential benchmark for all modern entertainment uses.

- Source: 500W White LED Engine
- Versions available:
 - CRI: at least 70, CT 6500K (Axcor Profile 600)
 - CRI: at least 90, CT 5600K (Axcor Profile 600 HC)
- Ø 132mm front lens
- 5.3°- 47.2° linear Zoom
- CMY + Linear CTO
- One Color Wheel with 5 Colors
- One Rotating Gobo Wheel with 7 Gobos
- Rotating 4-facet prism
- Animation wheel (interchangeable with fixed gobo wheel)
- Motorized framing system with 4 focal planes
- Framing system indexable over 90 degrees
- Variable Frost filter
- Iris with multiple macros (random, pulsing...)
- Electronic linear dimmer, 16 bit and 4 curves
- Electronic strobe @25 f/sec.
- Weight: 33 Kg (72.7 lbs)



Axcor Profile 600 – 600 HC

C61705 – C61706

Specifications
09/2018

POWER SUPPLIES

AC power input Neutrik PowerCON True
100-240V, 50/60 Hz

INPUT POWER

800 VA @230Vac - 50Hz

LIGHT SOURCE

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- Versions available:
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 - CRI: at least 90, CT 5600K (Axcor Profile 600 HC)

MOTORS

Stepper motors, operating with micro-steps, totally microprocessor controlled

CHANNELS

40/44 control channels

INPUTS

DMX 512 – Art-Net

NOISE LEVEL

45 dBA (background 33 dBA)

IP RATING

IP 20 - Protected against the entry of solid bodies larger than 12mm (0.47"); No protection against the entry of liquids.

SAFETY SPECIFICATIONS

Minimum distance of illuminated objects 3 meters (9' 10")
Minimum distance from flammable materials 0.2 meters (8")
Max ambient temperature 40°C (104°F)
Max temperature of the external surface 90°C (194°F)
Safety devices Bipolar circuit breaker with thermal protection
Automatic break in power supply in case of overheating
Forced ventilation with axial fans

ELECTRONICS

Long life self-charging buffer battery
Function reset from the lighting desk
"AUTOTEST" function from menu
Electronic monitoring with status error
Cooling system monitoring
DMX level monitoring on all channels
Internal data transmission diagnostics
Firmware Upgrade via Web Server
Firmware upload from another fixture
Protocols/Functions: RDM, Web Server

OPTICS

Ø 132mm front lens
5.3°- 47.2° linear Zoom

EFFECTS SECTION

Rotating Gobo wheel : 7 interchangeable gobos
Animation wheel (interchangeable with fixed gobo wheel)
Rotating Prism: 1 x 4-facet prism, indexable on 540°; clockwise and counter-clockwise rotation at variable speed
Variable frost 0-100% linear
Color system CMY with gradually insertion
Linear CTO
Color wheel 5 colors
Iris with multiple macros (random, pulsing...)
Dimmer 16 bit electronic and linear; 3 dimmer curves
Strobe 25 flash/sec, electronic, instant open and blackout
Framing System 4 focal planes
4 Blades that move separately
Smooth, flexible blade movements at variable speed
90° rotation of the entire system, at variable speed

CONTROL AND PROGRAMMING

DMX 512 control channels
Control signal USITT DMX 512
Protocols RDM, WebServer and Art-Net
Display Graphic LCD backlit b/w Display
Display battery Long life self-charging buffer battery
Pan/Tilt Resolution 16 bit
Focus Resolution 16 bit
Gobo Resolution 16 bit
Dimmer Resolution 16 bit
Movement control vectorial
DMX signal connection 3 or 5 pole XLR input and output
Ethernet Input
Firmware update Software upload through DMX/Ethernet input

BODY

Aluminum and steel structure with plastic covers
Two side handles for transportation
Device locking PAN and TILT mechanisms for transportation and maintenance

MOVING BODY

PAN range 540°
TILT range 268°

WORKING POSITION

Working in any position

Hanging system: with fast-lock omega clamps (1/4 turn) on the base

CE MARKING

In conformity with the European Directives:

- 2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD)
- 2014/30/EU - Electromagnetic Compatibility (EMC)
- 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP)

WEIGHT & DIMENSIONS

33 Kg (72.7 lbs)

