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| <i>Axcor Profile 600</i>       | C61705 |
| <i>Axcor Profile 600 HC</i>    | C61706 |
| <i>Axcor Profile 600 ST</i>    | C61708 |
| <i>Axcor Profile 600 HC-ST</i> | C61709 |



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.

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” (available on the standard version and on the HC version), 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 and ST)
  - CRI: at least 90, CT 5600K (Axcor Profile 600 HC and HC-ST)
- 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)

## **POWER SUPPLIES**

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

## **INPUT POWER**

800 VA @230Vac - 50Hz

## **LIGHT SOURCE**

Source: 500W White LED Engine

Versions available:

- CRI: at least 70, CT 6500K (Axcor Profile 600 and ST)
- CRI: at least 90, CT 5600K (Axcor Profile 600 HC and HC-ST)

## **OPTICS**

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

## **COLOR SYSTEM**

CMY + Linear CTO  
One Color Wheel with 5 Colors

## **FRAMING SYSTEM**

Motorized framing system with 4 focal planes  
4 Blades that move separately  
Smooth, flexible blade movements at variable speed  
Faming system indexable over 90 degrees

## **EFFECTS SECTION**

One Rotating Gobo Wheel with 7 Gobos  
Rotating 4-facet prism  
Animation wheel (interchangeable with fixed gobo wheel)  
Variable Frost 0-100% linear  
Iris with multiple macros (random, pulsing...)  
Electronic linear dimmer, 16 bit and 4 curves  
Electronic strobe @25 f/sec.

## **CONTROL AND PROGRAMMING**

40/44 control channels  
inputs: DMX 512 – Art-Net  
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°

## ELECTRONICS

Long life self-charging buffer battery.

Function reset from the lighting desk.

“AUTOTEST” function from menu ARTNET.

Electronic monitoring with status error.

Cooling system monitoring.

DMX level monitoring on all channels.

Internal data transmission diagnostics.

Firmware Upgrade with no power.

Firmware upload from another fixture.

## SAFETY DEVICES

Bipolar circuit breaker with thermal protection.

Automatic break in power supply in case of overheating.

Forced ventilation with axial fans.

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).

## WORKING POSITION

Working position: Any.

Hanging system 2x fast-lock omega clamps (1/4 turn) on the base.

Optional: 48-51mm, max300Kg clamps; Ø 4mm, length 680mm safety cable

## 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)

