



With the **Axcor Profile 900**, Claypaky has launched a new course in its design research: it is the first Claypaky spotlight to use a LED light source, instead of a traditional discharge lamp. Claypaky has chosen to use a white LED engine with high luminous efficiency, total power of about 900 watts and luminous flux of 46,000 lumen (24,000 lumen output), and couple it with a system of dichroic filters to create the colors. Thanks to its considerable light output, the Claypaky Axcor Profile 900 goes straight in at the top of its category and features the best in modern technology in every parameter: the characteristics of the white and colored light it produces, its ability to form perfectly sharp projections, and the precision micro-mechanics of its exclusive beam shaping system.

High wattage moving head LED spotlight:

- **880W white LED engine with custom lens solution:**

Lumen: 46,000 (24,000 lumen output) - Colour temperature: 6500 K - CRI >70

- **Optional 880W white LED engine:**

Lumen: 34,000 (17,500 lumen output) - Colour temperature: 5600 K - CRI > 90

- 7°- 40° linear zoom
- Focus tracking system
- Color system: 16-bit CMY + linear CTO + 6-color wheel
- 6 HD interchangeable gobos
- Animation wheel
- 4-facet rotating prism
- Variable "soft edge" frost
- Variable flood frost
- Iris with multiple macros (random, pulsing...)
- Electronic linear dimmer, 16 bit + electronic strobe
- Framing System, 4 focal planes
- Framing system, 90° rotation
- Protocols/Functions: RDM, Web Server and ArtNet

## **POWER SUPPLIES**

115/230V, 50/60 Hz

## **INPUT POWER**

1400VA at 230V 50Hz

## **LIGHT SOURCE**

880W white LED engine with custom lens solution:

- Lumen: 46,000 (24,000 lumen output)
- Colour temperature: 6500 K
- CRI >70

Optional 880W white LED engine:

- Lumen: 34,000 (17,500 lumen output)
- Colour temperature: 5600 K
- CRI > 90

## **OPTICS**

7°- 40°, Linear and motorised Zoom.

Motorised Focus tracking system (Autofocus)

## **COLOR SYSTEM**

CMY System with gradually insertion discs; 16bit.

No color fringing.

Linear CTO with gradually insertion disc.

6-Color Wheel: dark red, brilliant blue, green, CRI enhancement filter, golden amber, navy blue.

## **FRAMING SYSTEM**

4 Blades that move separately.

Smooth, flexible blade movements at variable speed.

A "total curtain" effect made separately by each of the 4 blades, in many - shapes and colors.

Small and large dynamic profiles.

90° rotation of the entire system, at variable speed.

## **EFFECTS SECTION**

Rotating Gobos: 6 HD interchangeable gobos,  $\varnothing$  32.8; image  $\varnothing$  26; indexable on 540°: small dots, plumes, clouds V2, thin shaft, oak three, water lines.

Animation Wheel: 1 x interchangeable disc, clockwise and counter-clockwise rotation at variable speed.

Rotating Prism: 1 x 4-facet prism, interchangeable, indexable on 540°; clockwise and counter-clockwise rotation at variable speed.

Iris: 16-bit, multiple macros (random, pulsing...).

Dimmer: 16 bit electronic and linear; 4 dimmer curves.

Strobe: 12 flash/sec, electronic, instant open and blackout.

## **CONTROL AND PROGRAMMING**

38/42 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 5 pole XLR input and output.

Firmware update Software: upload through DMX 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**

Angle Rotation: 540°

PAN Resolution: 2.11°

PAN FINE Resolution: 0.008°

Accuracy:

Resolution  $\pm 0.1^\circ$  (Range 0.2°)

### **TILT**

Angle Rotation: 250°

Resolution 0.960°

TILT FINE Resolution: 0.004°

Accuracy:

Resolution  $\pm 0.1^\circ$  (Range 0.2°)

## **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, lenght 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

45Kg (99.2lbs).

