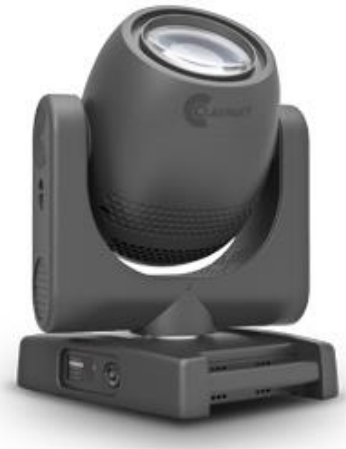
Axcor Beam 300

C61730

Datasheet
07/2020



The new Axcor 300 family of moving LED fixtures brings Claypaky's no-compromise quality and performance to the broad mid-market. The quality of their effects, their construction, and their high light output derive from the high-end products Claypaky specializes in. The AXCOR BEAM 300 has an even more compact body - less than 500mm - and is able to emit a super-concentrated solid beam with a beam angle as small as 2° and a surprising light output. The wealth and quality of its colors and aerial effects, its electronic focus and its 140 mm diameter front lens make the Axcor Beam 300 the ideal beam moving light in any application area, and the perfect replacement of a Claypaky Sharpy!
It boasts cutting-edge electronic and software technology, with all the features that enable optimal fixture management and maintenance over time. With a price-point, physical size and power consumption that disguise its strength and creative potential, the Axcor Beam 300 enables a new world of expression in touring, events, TV, theatre and installed lighting markets.

- Source: 110W White LED engine (7600 K)
- Ø 140mm front lens
- Beam aperture: 2°
- Motorised focus lens
- One color wheel with 14 Colors
- One gobo wheel with 17 Gobos
- Rotating 8-facet Prism
- 16-bit Electronic Dimmer with 4 curves
- Electronic strobe@24 f/sec
- Extremely compact and lightweight
- Two DMX modes: 14ch / 16ch (Sharpy mode)

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

TOTAL LUMEN OUTPUT
1800 lumens

INPUT POWER
215 VA @230Vac - 50Hz

LIGHT SOURCE
110W White LED engine (7600 K)
L_{70}: 20000hrs

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

CHANNELS
14/16 control channels

INPUTS
DMX 512 - Ethernet

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

THERMAL 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)
Forced ventilation with axial fans

OPTICS
Ø 140mm front lens
Beam aperture: 2°
Motorised focus lens

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

EFFECTS SECTION
One color wheel with 14 Colors
One gobo wheel with 17 Gobos
Rotating 8-facet Prism

CONTROL AND PROGRAMMING
DMX 512 control channels 14/16
Control signal USITT DMX 512
Protocols RDM, WebServer
Display Graphic LCD backlit b/w Display
Display battery self-charging buffer battery
16-bit Electronic Dimmer with 4 curves
Electronic strobe@24 f/sec
Pan/Tilt Resolution 16 bit
Dimmer Resolution 16 bit
DMX signal connection 5 pole XLR input and output

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 270°

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
17.6 Kg