

Axcor Spot 400 – 400 HC

C61770 – C61771

Specifications

12/2018



- ✓ C61770 Axcor Spot 400
- ✓ C61771 Axcor Spot 400 HC

The Axcor Spot 400 provides the medium-power applications with a compact, bright, LED moving spotlight, complete with every device you need for exceptional projected visual effects. There is nothing like it in its category for variety of effects and possible combinations: 2 rotating dichroic glass gobo wheels, with a total of 14 rotating gobos, an animation disc, a rotating prism, a power-driven iris, and a 16-bit dimmer. In addition to these, it features highly advanced color management tools based on a CMY system with linear CTO and a 6-color wheel. Another outstanding device on the Axcor Spot 400 is the incredible 5.5°- 55° zoom (1:10 ratio!), with an extremely uniform light distribution at every beam aperture, which means you can use the unit in a wide range of application areas. The Axcor Spot 400 fits a 300W white LED source with a very high light output compared to its power. It can be ordered in the 6500 K version, which maximizes its light output, or in the 5600 K version which optimizes its CRI (at least 90).

- Source: 300W white LED module
- Versions available:
 - CRI: 70, CT 6500K, 16,000 lm (Axcor Spot 400)
 - CRI: 90, CT 5600K, 12,000 lm (Axcor Spot 400 HC)
- Ø 125mm front lens
- 5°- 55.5° linear zoom
- CMY + linear CTO
- One colour wheel with 6 colours
- 14 HD rotating gobos on two wheels
- Rotating 4-facet prism
- Animation wheel
- Mechanical iris
- Linear frost filter
- 16-bit electronic dimmer with 4 curves
- Electronic strobe @25 f/sec
- Three different fan ventilation modes (STD - AUTO -SLN)
- Weight: 26 Kg (57.3 lb)



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POWER SUPPLIES

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

INPUT POWER

540 VA @230Vac - 50Hz

LIGHT SOURCE

Source: 300W White LED Module

Versions available:

- CRI: at least 70, CT 6500K (Axcor Spot 400)
- CRI: at least 90, CT 5600K (Axcor Spot 400 HC)

MOTORS

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

CHANNELS

28 control channels

INPUTS

DMX 512 – Art-Net

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)
6.3AT fuse
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 125mm front lens

EFFECTS SECTION

2 Rotating Gobo wheels : 7 interchangeable gobos

Animation 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 6 colors

Iris with multiple macros (random, pulsing...)

Dimmer 16 bit electronic and linear; 4 dimmer curves

Strobe 25 flash/sec, electronic, instant open and blackout

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

Gobo Resolution 16 bit

Dimmer Resolution 16 bit

DMX signal connection 5 poles 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 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

26 Kg

