HYPERION *series*

Hyperion FN 300

FRESNEL LED 300W PURE WHITE

Green Line

Spotlight
professional lighting for the performing arts

CONVENTIONAL LINE

FRESNEL

PC

PROFILE

FOLLOW

FLOOD

PAR

PIN

GREEN LINE

FRESNEL

PC

PROFILE

FOLLOW

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PAR

PIN

Expressly designed for large theatres and film/TV installations in studios or in daylight shots with the performance of a tungsten 2 KW fixture with more compact dimensions and less heat generation.
Extra performing 200 mm fresnel, with high efficiency 300W pure white LED of 3200 or 5600K with colour rendering CRI of 95.

Light source:
✓ 300W compact LED engine in version of 3200K and 5600K
✓ Expected life higher than 50.000 hours
✓ CRI of 95 in both colour temperature
✓ Continuous spectrum in the visible range

Optics:
✓ Borosilicate Fresnel lens 200 mm
✓ Zoom: 9° to 45°

Specific features:
✓ Extra soft dimming at lowest levels for theatrical use
✓ "Flicker free" for television and film applications
✓ No variation of colour temperature when dimming
✓ RDM compliant
✓ Wide ventilation slots for better LED cooling
✓ Reversible graphic display
✓ Optional control of the fan speed through dedicated channel
✓ Easy internal access for servicing

Controls and selectable functions:
✓ Settable both in 8 and 16 bit DMX resolution
✓ 2 selectable dimmer curves: linear and tungsten
✓ Local potentiometer for independent control of intensity
✓ Adjustable delay in turn on and switch off to emulate the halogen lamps
✓ Software implementation through XLR Dmx connector
✓ Settable automatic switching off of the display

"Personality" selection:
✓ 2 channels: 8 bit control of dimmer and strobe
✓ 5 channels: 16 bit control of dimmer, dimmer fine, delay, fan and strobe
✓ Master & slave

Thermal:
✓ Maximum room temperature: 40°C
✓ Automatic limit on the LED temperature with the control of the fan speed and with the adjustment of the LED current, to avoid any possible damage even in very critical conditions

✓ Selectable fan speed in: standard, "silent mode" and from console

Electrical:
✓ Electronic autoranging power supply: 100-240V 50-60 Hz
✓ System power: 330W at full light
✓ In and Out Powercon connector for mains
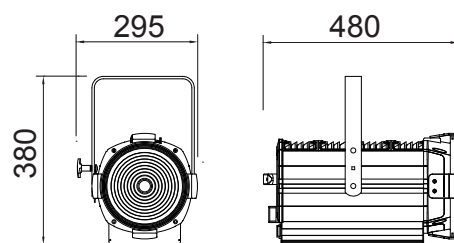✓ XLR 5 pins for DMX and RDM in/out
✓ IP 20
✓ CE compliant

Accessories:
✓ 4 leaf barn door
✓ Colour filter frame
✓ Suspension hook for 50 mm diam pipes

Options:
✓ Pole operated version
✓ DMX motorised zoom on request
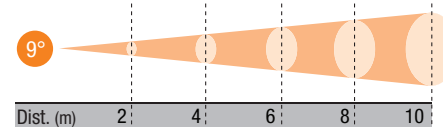✓ Full motorisation for tilt pan focus at 16 bit
✓ Wireless DMX control on request

DIMENSIONS (mm) & WEIGHT

295

480

380

Kg. 8,6

PHOTOMETRIC DATA

Lux	58.438	14.609	6.493	3.652	2.338
ø (m)	0,3	0,6	0,9	1,3	1,6

9°

Dist. (m)	2	4	6	8	10

Lux	4.375	1.094	486	273	175
ø (m)	1,7	3,3	5,0	6,6	8,3

45°

Dist. (m)	2	4	6	8	10