HYPERION *series*

FRESNEL LED 300W 6 COLOURS

RGB
ACL

green line

SPOTLIGHT
professional lighting for the performing arts

Hyperion FN 300

CONVENTIONAL LINE

FRESNEL

PC

PROFILE

FOLLOW

FLOOD

PAR

PIN

GREEN LINE

FRESNEL

PC

PROFILE

FOLLOW

FLOOD

PAR

PIN

Expressly designed to meet the most severe requirements of professional users both for the quantity and the quality of the light output.
Highly efficient 200 mm fresnel, with 300W, 6 colours, LEDS for the widest choice of even colours mixing and a selection of colour temperature from 2700 to 8000K, with colour rendering from 94 to 97.

Light source:

✓ 300W, 6 colours LED engine; red, green, blue, amber, cyan, lime
✓ Expected life higher than 50.000 hours
✓ CRI from 94 to 97 according to colour temperature
✓ Continuous spectrum in the visible range

Optics:

✓ Borosilicate Fresnel lens 200 mm
✓ Zoom: 12,5° to 43°

Specific features:

✓ Extra soft dimming at lowest levels for theatrical use
✓ "Flicker free" frequency adjustment for television and film applications
✓ Colour booster, to improve the power of a single colour, when not all the channels are at full at the same time
✓ RDM compliant
✓ Wide ventilation slots for better LED cooling
✓ Reversible graphic display
✓ Easy internal access for servicing

Controls and selectable functions:

✓ All the DMX functions are settable both in 8 and 16 bit
✓ "Virtual colour wheel" with 8 different white colour temperatures, 30 preselected colours and 8 slots available for customised colour by the user
✓ 2 selectable dimmer curves: linear and tungsten
✓ Amber shift function for tungsten lamp emulation
✓ 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
✓ 2 local potentiometers for general dimmer and settings of the "virtual colour wheel" (colours and whites)

Personality selection:

✓ Easy: 3 ch: dimmer, colour wheel, strobe
✓ CMY: to emulate traditional moving lights
✓ RGB control: for easier colour selection
✓ 8 bit RGBACL: 8 ch: gen dimmer, red, green, blue, amber, cyan, lime, strobe
✓ Full 16 bit : 16 bit for gen dimmer, colours, CCT, colour wheel, strobe
✓ Theatre/TV: 16 bit dimmer, CCT, white point adjustment, strobe
✓ HSI: Hue and saturation
✓ Master & slave
✓ Stand alone: for the independent generation of memories and sequences

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 critical conditions
✓ Selectable fan speed in: standard, "silent mode" and directly from the 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:
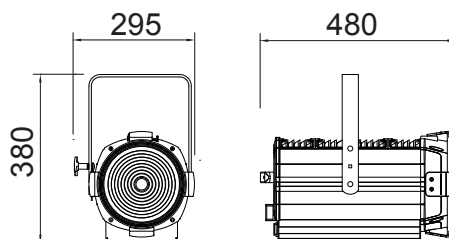
✓ 4 leaf barn door
✓ Colour filter frame
✓ Suspension hook for 50 mm pipes

Options:

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

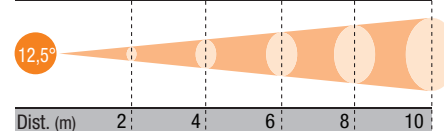## DIMENSIONS (mm) & WEIGHT

295

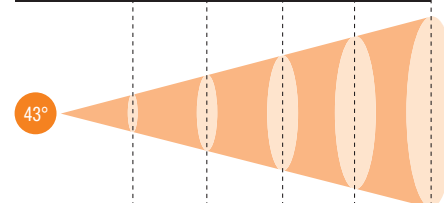480

380

Kg. 8,6

PHOTOMETRIC DATA

Lux	33.436	8.359	3.715	2.090	1.337
ø (m)	0,4	0,9	1,3	1,8	2,2

12,5°

Dist. (m)	2	4	6	8	10

Lux	4.184	1.046	465	262	167
ø (m)	1,6	3,2	4,7	6,3	7,9

43°

Dist. (m)	2	4	6	8	10