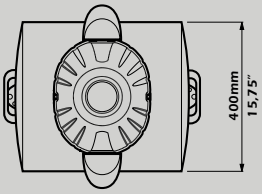
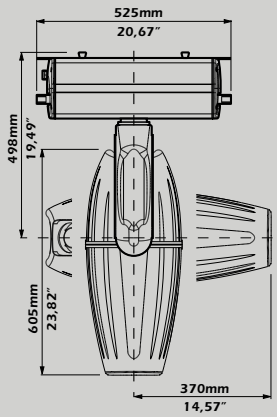
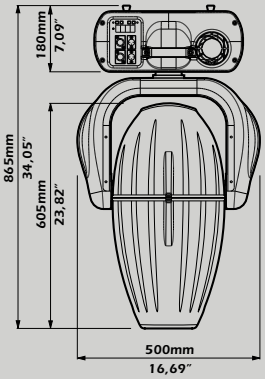
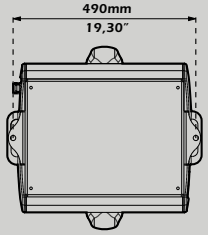
CF 7 Hard Edge X









Body
very light carbon fibre manufactured under vacuum and aluminium light alloy internal component parts
- easy access to the lamp holder
- high voltage GY9,5 lamp base
- silent convective ventilation
- sturdy lateral handles for ease of transportation
- easy access to all internal parts
- IP20 protection rating
- meets standards CE

Lamp
700W MSR/sa Philips

Optics
"cold type" heat dissipating glass reflector with quartzed dichroic (infrared) finish
- zoom consists of high definition lenses with anti-reflective achromatic coating
- fine lamp adjustment accessible from outside the fixture; adjustment position for maximum homogeneity or light intensity.

Movement
articulated movement of the projector body: pan 385°/624° tilt 270°
- 16 bit light beam positioning

Gobos
6 rotating and contra-rotating + open variable speed gobos, high precision positioning (14 bits), interchangeable and superimposable to static gobos
- wide range of customised gobos (metal gobos, glass gobos, multi-colours gobos)
- 6 fixed gobos+open, interchangeable and superimposable to rotating gobos
- proportional position in respect to the optical axis

Frost
frost effect achievable by means of 'free' control of zoom and focus lenses, without loosing light output

Dimmer
built-in mechanical, electronically controlled dimmer, for complete adjustment of light output from 0 to 100%

Prisms
2 clockwise and anti-clockwise rotating variable speed prisms for image multiplicating; they can be used in combination with any other effect

Strobe/Chaser/Black-out
strobing effect with adjustable flashing speed, synchronised or random
- black-out
- programmable chaser effect with adjustable speed

Iris
built-in motorised iris diaphragm,

Colour
infinite colour output via CMY colour

- consistent colour reproduction due to the position of the dichroic filters in the optical axes, to their fading design and to simultaneous entrance driven by two motors
- "color flash" effect thanks to the high speed insertion of the colour in the beam

Focusing
motorised focusing lens
- proportional auto-focus with ability to disable

Zoom
on progressive autofocus DMX position: from 14° to 36,5°
- on "free control" DMX position: from 7° to 69° (diffused beam)

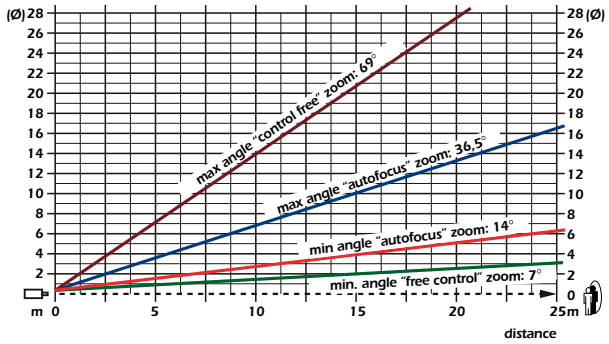
Lamp voltage supply
electronic ballast with constant power control
- PFC (power factor corrector) on request
- not effected by power and frequency fluctuations (self-stabilising)
- flicker free ballast
- automatic lamp power reduction when in black-out position

Hardware devices
DMX signal reception indicator and characteristic feature display
- control by DMX 512 standard signal via 3 and 5 pin XLR
- mains switch
- micro-step driven stepper motors
- 4 menu/function buttons for selecting the operation mode
- led display
- over temperature protection
- ultra-flexible torsion cables

Software devices
digital numeric addressing of the projector via digital multifunction display
- on/off display
- indication of the lamp and fixture working life
- ventilation regulated by an internal timer
- multifunction reverse reading display
- motors setting
- lamp on/off via DMX signal with ability to disable
- reversal of pan and tilt movement
- repositioning in case of accidental misalignment of the unit and ability

- built-in self test facility
- lamp on/off ability without pan/tilt movement

"control free" beam range						
	7°	26950	6738	2994	1684	1078 lux
	14°	21237	5309	2360	1327	849 lux
	36,5°	3665	916	407	229	147lux
	69°	1941	485	216	121 lux	



Lamp: 700 W MSR/SA Philips