

IREOS 7000

INTERNATIONAL PATENT

Outdoor Xenon Searchlight for concert and big events

Automated searchlights, with full digital control of its functions. It represents a real revolution in the entertainment industry as it is the only existing high powered xenon searchlight fitted with built-in dichroic colourchanger and shutter.

The dichroic colourchanger, patented by SPACE CANNON vH, offers numerous advantages in comparison with traditional gel colourchangers as the colour selected can be set for long periods of time without any maintenance needed and the colours projected are of an incomparable pureness and brightness, with a quick variation (about 1 sec. to change each single colour).

As IREOS was designed for big events and shows, it includes a xenon lamp special anchorage and damping system to allow the transportation of the unit without removing the bulb.



space cannon **vH**

IREOS 7000

space cannon

LAMP HEAD

Housing:	Aluminium, Black outdoor polyester finishing
Parabolic reflector:	Reflector coated with electro-deposited bright Nichel-Rodium
Parabolic reflector Diameter:	460 mm
Cover glass:	Quartz Borosilicate
Control protocol:	DMX 512 USITT '90
CONTROL FUNCTIONS:	<ul style="list-style-type: none"> ¥ PAN ¥ TILT ¥ PAN High-Resolution ¥ TILT High-Resolution ¥ ZOOM ¥ DICHROIC COLOUR CHANGER - Patented ¥ XENON LAMP ON - OFF ¥ SHUTTER / DIMMER - Patented
Colours available:	White, Yellow, Magenta, Cyan, Red, Blue, Green (two or more colours can be projected in the same time)
Change colour time:	1 sec.
Angle of PAN:	350°
Speed of travel through PAN range:	3 sec.
Angle of TILT:	250°
Speed of travel through TILT range:	3 sec.
PAN and TILT are controlled by two special 200W motors, with direct traction, made according to Space Cannon specifications. Motor control uses a patented integrated module, designed in the Space Cannon office. It contains an interpolator circuit that controls, in real time, the speed, the acceleration time and the torque.	
Operating temperature:	-30° C / +55° C
Weight:	Approximately 120 Kg or less (depending on configuration) by request with power supply unit incorporated + 21 Kg.

POWER SUPPLY UNIT

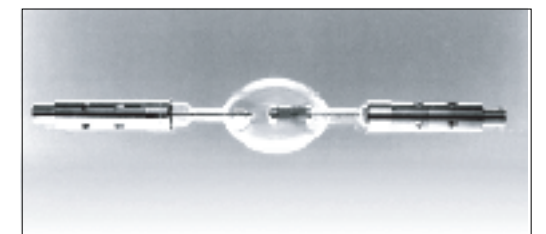
The power supply, is a separate unit, connected to the lamphead by a 5 m cable with dedicated connectors in conformity with the strictest military regulations. A longer connection cable is available by request. (Maximum lenght 35 mt.).

	Mod. 4.000 W	Mod. 7.000 W
Input Power:	360 V AC Three-phases+N 50/60 Hz 380 V AC Three-phases+N 50/60 Hz 415 V AC Three-phases+N 50/60 Hz (By request, other voltages are available)	360 V AC Three-phases+N 50/60 Hz 380 V AC Three-phases+N 50/60 Hz 415 V AC Three-phases+N 50/60 Hz (By request, other voltages are available)
Power consumption:	4500 W - 7A Cos φ 0,99	7500 W - 11,5A Cos φ 0,99
Dimensions:	Height: 24 cm Width: 53 cm Lenght: 53 cm	Height: 24 cm Width: 58 cm Lenght: 62 cm
Weight	57 Kg	63 Kg



XENON LAMP references

	4.000 W	7.000 W
Wattage:	4.000 W	7.000 W
Type of voltage:	DC	DC
Lamp voltage:	30 V	43 V
Current:	125-145 A	150-165 A
Luminous flux:	155.000 lm	350.000 lm
Peak candle power:	435 million	957 million
Average life:	1.200 h	500 h
Arc stabilization:	Yes	Yes
Forced cooling:	Yes	Yes
Colour temperature:	6.500° K	6.500° K
Hot restrike:	Yes	Yes



DIMENSIONS (mm)

