

FALCON® 4000 LED-VIDEO

4,000 W

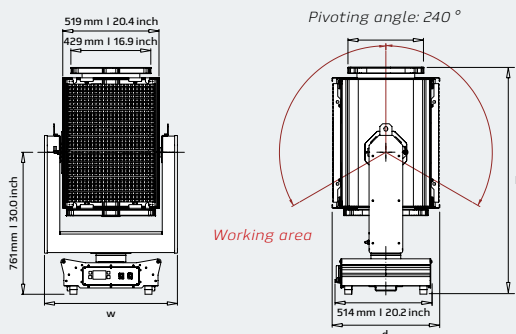
- Innovative hybrid lighting fixture
- Indoor/Outdoor xenon searchlight with LED video panels
- Extra scroller for special effects
- LED panel guarantees bright and sharp rendering
- LED video matrix on its back and front body (optionally only on its front body)
- Integrated electronic power supply
- Designed for both floor-mounted and suspended/inverted use

The hybrid FALCON® 4000 LED-VIDEO is perfect for large events in stadia, large scale places and stages, where the innovative combination of a xenon beam with video banner is desired. The LED panels guarantee very bright and absolutely sharp rendering of colours and graphic contents. It is perfect for video sequences with smooth colour fadings and font representation.



Dimensions 4,000 W

h: 1,218 mm | 48.0 inch
w: 714 mm | 28.1 inch
d: 578 mm | 22.8 inch



Technical specifications	FALCON® 4000 LED-VIDEO
Lamp	
Type	OSRAM Xstage® 4,000 W
Colour temperature	6,000 K
Scroller	
Effect gel string	11 different effects
Reflector	
Material	High precision electro-shaped nickel with rhodium/dichroic coating
Diameter	254 mm / 10 inch
Function	
Main functions	Lamp on/off, hot strike, electronic dimmer, mechanical dimmer, electronic strobe, mechanical strobe, douser, zoom, pan/tilt movement 16 bit, reset, effect gel
Movement	Pan = 520 °, tilt = 240 °
Control	
Standard DMX protocol	DMX 512 in / out
DMX channels	15
Power	
System	Built-in electronic power supply
Input power	400 VAC 50-60 Hz, balanced 3-phase (other input voltages on request)
Max. tolerances	+ 5 % / - 5 %
Power consumption	4,500 W, cos ϕ > 0.98
Temperature	
Operating temperature	- 15 °C up to + 42 °C, non-condensed; 5 °F up to 107.6 °F, non-condensed
Housing	
Material	Non-corrosive aluminium / stainless steel
Colour	Standard colour: black, matt, RAL 9005; other RAL-tones possible
Protection	
Protection rating	IP 54
Specifications	
Dimensions h x w x d	1,218 x 714 x 578 mm; 48.0 x 28.1 x 22.8 inch
Weight (standard, without clamps and safety chain)	144 kg (317.5 lb) Clamps and safety chain: 4 kg (8.8 lb)
LED panel	
Panel size	24 x 32 pixel (each side)
Pixel pitch	20 mm
LED configuration	3in1 SMD
Resolution	768 pixels
Brightness	3,500 nits
Viewing angle	Horizontal: 120 ° / vertical: 120 °
Levels of grey	64,000
Levels of brightness	100
Colours	16.7 Mio
Refresh rate	1,200 Hz
Protection rating	IP 65
Specifications	Weight: 6 kg; dimension (h x w x d): 640 x 480 x 35 mm, 25.2 x 18.9 x 1.3 inch

ACCESSORIES

FALCON® 4000 LED-VIDEO



Article	Article No.	Accessories for entertainment FALCON®-Range
Body protection		
	A013401101	Body protection kit (Safety glasses, gloves, leather jacket)
Fixture Safety		
	A013102101	Clamps & Safety Chain Kit 4,000 W - FALCON® 4000 white (2 Clamps, 1 Chain, 2 Chain Links) For the hanging installation of FALCON® BEAM luminaires.
	A014101221	FALCON® FLIGHTCASE Clamps & Safety Chain Kit (two sets fit in one flightcase)
Luminaires & Sockets		
	Lamp socket: Spare Part: Brass adapter for xenon lamp.	
	A013501106	Lamp socket Xstage 4,000 W for FALCON® 4000 white
	OS15102104	Xstage 4,000 W
Packaging & Transport		
	A013103105	FALCON® FLIGHTCASE FALCON® 4000 white
	A013104105	Packing (Woodbox ISPM15) FALCON® 4000 white
Control		
	A012101101	FALCON® LED Controller F 6000 (Digitizer box for video control of the panels)
	ITCS800	CueServer Pro CS800 Programmable light show controller
	A013200002	DMX Booster 1 in 4, DIN-Rail mounting, 230 VAC DMX Signal splitter and amplifier
	A013200001	DMX Booster 1 in 10, 19", 1 U, 1 x XLR5 in / thru, 10 x XLR5 out, 230 VAC DMX Signal splitter and amplifier

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