

FALCON® CMY LED-VIDEO

3,000 W | 4,000 W

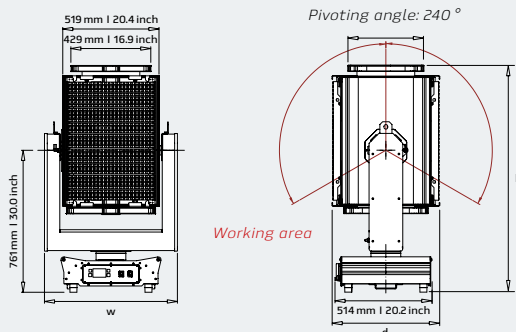
- Innovative hybrid lighting fixture
- Indoor/Outdoor xenon searchlight with LED video panels
- CMY colour changer
- Extra scroller for special effects
- LED panel guarantees bright and sharp rendering
- LED video matrix on its back and front body (optionally only on its front body)
- Integrated electronic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

The new hybrid FALCON® CMY 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 fade-ins and font representation.



Dimensions 3,000 W | 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® CMY LED-VIDEO	
Lamp			
Type	OSRAM Xstage® 3,000 W	OSRAM Xstage® 4,000 W	
Colour temperature	6,000 K		
Scroller			
Colour changer	CMY colour 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, CMY colour changer, 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	3,500 W, cos φ > 0.98	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)	142 kg (313.1 lb) Clamps and safety chain: 4 kg (8.8 lb)	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® CMY 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 3,000 W / 4,000 W - FALCON® 6000 (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 3,000 W / 4,000 W for FALCON® 6000
	OS15102103	Xstage 3,000 W
	OS15102104	Xstage 4,000 W
Packaging & Transport		
	A013103105	FALCON® FLIGHTCASE FALCON® 6000 CMY 3,000 W / 4,000 W
	A013104105	Packing (Woodbox ISPM15) FALCON® 6000 CMY 3,000 W / 4,000 W
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", 1U, 1 x XLR5 in / thru, 10 x XLR5 out, 230 VAC DMX Signal splitter and amplifier

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