

Application

Beam style	variable-spread, soft-edged beam
Suitable for	theatres, TV studios, architectural and commercial applications
Specification level	professional range
Beam angle	11°- 70° Typical throw distance 4 – 25m

Electrical specifications

Light source	380W LED, 2800K – 6300K tunable white
Supply Volts	100/260V AC single phase
Frequency / Current	50/60Hz – 1.17A @ 230V AC- 2.35 A @ 110V AC
Power consumption	250W at full power
Cable/connection	Neutrik Power-con IN and OUT
Standards Compliance	EN60598-2-17, CE marked

Mechanical specifications

Construction	extruded aluminium and sheet steel
Mounting & suspension	steel stirrup 12mm centre hole + DIN mounting.
Handle	rear
Weight/Packed weight	9,7 kg / 11,9 kg
Colour frame	metal, 185x185mm, included

Operational specifications

Focus adjustment	screw focus with control at rear
Beam Shaping	using barndoor accessory
DMX channels / connection	6 channels / XLR5 connectors, IN/OUT
Colours	Tunable white 2800K to 6300K + 10 preset whites (3000K to 5800K) from a dedicated DMX channel
Dimming	from rear panel encoder or remote, 8 or 16 bits via DMX
LED temperature	built-in sensor for real time monitoring
Ambient temperature	35°C max.
Fan speed control	3 modes available: Silent/Auto/Constant
Fade curves	2 curves (linear, square)
LED Frequency	16KHz – flicker-free
LCD display	set-up, DMX , monitor, diagnostics
RDM	integrated

Optical specifications

Optical system	150mm diameter high quality borosilicate Fresnel lens
Reflector	Ø51mm
LED array	white, replaceable
Rated LED life	50,000 hours at 25°C, maintains 80% of original intensity
Beam colours	Tunable white 2800K to 6300K
CRI (Colour Rendering Index)	> 95

Accessories

Spare metal colour frame	<input checked="" type="checkbox"/> 20100106 <input type="checkbox"/> 20100106B <input type="checkbox"/> 20100106C
4-leaf barndoor	<input checked="" type="checkbox"/> 20100306 <input type="checkbox"/> 20100306B <input type="checkbox"/> 20100306C
Hook clamp	20100900 Safety bond 20101300
Remoto	20702072 for the management of software upgrades/downloads

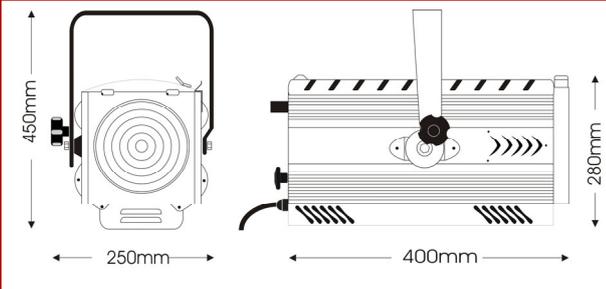
Photometric data

Spot	2800K – 64 lm/W (at 4000mA)												
Beam dia.	0.8	1.2	1.5	1.9	2.3	2.7	3.1	3.5	3.9	4.2	4.6	m	
Lux	5119	2274	1279	819	568	418	320	253	205	169	142		
Distance	4	6	8	10	12	14	16	18	20	22	24	m	
Flood	6300K – 88,4 lm/W (at 4000mA)												
Beam dia.	5.6	8.4	11.2	14	16.8	19.6							m
Lux	1119	498	279	180	124	91							
Distance	4	6	8	10	12	14							m
Spot	2800K – 64 lm/W (at 4000mA)												
Beam dia.	0.8	1.2	1.5	1.9	2.3	2.7	3.1	3.5	3.9	4.2	4.6	m	
Lux	7284	3237	1821	1165	810	594	456	360	291	240	203		
Distance	4	6	8	10	12	14	16	18	20	22	24	m	
Flood	6300K – 88,4 lm/W (at 4000mA)												
Beam dia.	5.6	8.4	11.2	14	16.8	19.6							m
Lux	1569	697	392	251	174	128							
Distance	4	6	8	10	12	14							m

alba f250 TW

380W 2800K-6300K tunable white
100/260VAC, DMX512+RDM
LED fresnel luminaire

part # ■ 01201300 □ 01201301 ■ 01201302



A high efficiency led module featuring a 380W tunable white COB power source harnessed in the high-specification optics of LDR fresnel spotlights.

Ideal in all applications where heat and energy saving are a concern. Its extremely accurate optics make it the obvious choice in theatrical sets, TV studios, commercial displays and architectural applications where an even, soft-edged beam of tunable white light is required.

A dedicated DMX channels allows to choose from a list of 10 pre-set whites: 3000K, 3200K, 3600K, 4000K, 4200K, 4600K, 5000K, 5200K, 5600K and 5800.

Standard delivery includes 1,6m mains cable with fitted Power-con and a metal colour frame.

All models in the Alba range are available in 3200K and 5600K white, RGBW and TW, in a choice of 3 finishes: black, white and silver, and 2 stirrups: manual and pole-operated

