

Application

Beam style	variable-spread, soft-edged beam
Suitable for	theatres, TV studios, architectural and commercial applications
Specification level	professional range
Beam angle	16°- 78°
Typical throw distance	2 – 20m

Electrical specifications

Light source	230W LED, white
Supply Volts	100/260V AC single phase
Frequency / Current	50/60Hz – 1.17A @ 230V AC – 2,35A @110V AC
Power consumption	250W at full power
Cable/connection	Neutrik powercon IN and OUT
Standards Compliance	EN60598-2-17, CE marked

Mechanical specifications

Lamp House 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, supplied

Operational specifications

Focus adjustment	screw focus with control at rear
Beam Shaping	using barndoor accessory
DMX channels / connection	1 to 3 ch / XLR5 connectors, IN/OUT
Colour	white, single source, no colour shift in fading
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 curve	2 curves (linear, square)
LED Frequency	16KHz - Flicker free
LCD display	set-up, dmx, monitor, diagnostic
RDM	integrated
Software upload	remote, via DMX 512 cables

Optical specifications

Optical system	150mm diameter Fresnel lens
LED array	white, round-shaped, replaceable
Rated LED life	50,000 hours at 25°C
Beam colour temperature	3200K or 5600K
CRI (Colour Rendering Index)	>90

Accessories

Spare metal colour frame	■ 20100106 □ 20100106B □ 20100106C
4-leaf barndoor	■ 20100306 □ 20100306B □ 20100306C
Hook clamp	20100900 Safety bond 20101300

Photometric data

Spot	3200K									
Beam dia.	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1	m
Lux	7313	3250	1828	1170	813	597	457	361	293	
Distance	4	6	8	10	12	14	16	18	20	m

Flood										
Beam dia.	4.9	7.4	9.8	12.3	14.7	17.2	19.6	22.1	24.5	m
lux	975	433	244	156	108	80	61	48	39	
Distance	4	6	8	10	12	14	16	18	20	m

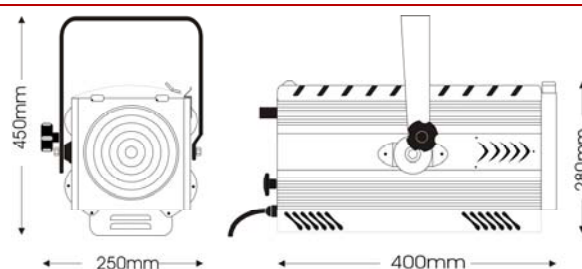
Spot	5600K									
Beam dia.	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1	m
Lux	9250	5920	2213	1480	1028	755	578	457	370	
Distance	4	6	8	10	12	14	16	18	20	m

Flood										
Beam dia.	4.9	7.4	9.8	12.3	14.7	17.2	19.6	22.1	24.5	m
lux	1031	458	258	165	115	84	64	51	41	
Distance	4	6	8	10	12	14	16	18	20	m

alba f250

230W,100/260VAC,DMX512+RDM
led fresnel luminaire

part # ■ 01201000 □ 01201001 □ 01201002 3200K
part # ■ 01201100 □ 01201101 □ 01201102 5600K



A high efficiency 230W led module featuring a PWM dimming 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 is required. Standard delivery includes 1.5m 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



Luci della Ribalta srl
Via Berna 14

46042 Castel Goffredo (MN), Italy
tel: +39 0376 771777

www.ldr.it info@ldr.it

issue: ap ©2018. LDR reserves the right to alter the specification without prior notice.