

Application

Beam style	variable-spread, soft-edged beam
Suitable for	theatres, TV studios, architectural and commercial applications
Specification level	professional range
Beam angle	9°- 74°
Typical throw distance	4 – 25m

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	1,6m mains cable with fitted Neutrik Power-con IN and OUT, supplied
Standards Compliance	EN60598-2-17, CE marked

Mechanical specifications

Construction	extruded aluminium and steel sheet
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

Optical specifications

Optical system	150mm diameter high quality borosilicate Fresnel lens
LED array	white, round-shaped, replaceable
Rated LED life	50,000 hours at 25°C, maintains 70% of original intensity
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
Remoto	20702072 for the management of software upgrades/downloads
Hook clamp	20100900 Safety bond 20101300

Photometric data

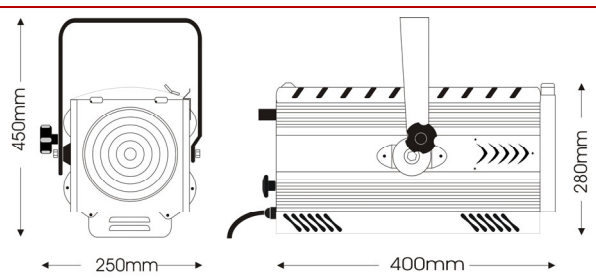
Spot												3200K – 124 lm/W (at 1620mA)	
Beam dia.	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.5	3.8	m	
Lux	10829	4812	2707	1732	1203	884	677	534	433	358	300		
Distance	4	6	8	10	12	14	16	18	20	22	24	m	
Flood													
Beam dia.	4.4	6.7	8.9	11.1	13.3	15.5						m	
Lux	1247	554	312	200	139	102							
Distance	4	6	8	10	12	14						m	

Spot												5600K – 130 lm/W (at 1620mA)	
Beam dia.	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1	3.5	3.8	m	
Lux	11616	5163	2904	1858	1290	948	720	573	465	384	322		
Distance	4	6	8	10	12	14	16	18	20	22	24	m	
Flood													
Beam dia.	4.4	6.7	8.9	11.1	13.3	15.5						m	
Lux	1379	612	344	220	153	112							
Distance	4	6	8	10	12	14						m	

alba f250

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

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

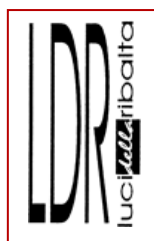


A high efficiency 230W led module featuring a PWM dimming power source harnessed in the high-specification optics of LDR fresnel spotlights.

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 1.6m 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.

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS



Luci della Ribalta srl
Via Berna 14
46042 Castel Goffredo (MN), Italy
tel: +39 0376 771777
www.ldr.it info@ldr.it

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