

Application

Beam style	variable-spread, soft-edged beam	
Suitable for	theatres, TV studios, multi-purpose halls, sport halls, worship venues, architectural and commercial applications in medium/large sized venues	
Specification level	professional range	
Beam angle	13° - 75°	Typical throw distance 5 – 15m

Electrical specifications

Light source	380W LED, RGBW	
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	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 sheet steel	
Mounting & suspension	steel stirrup with 12mm centre hole + DIN plate mounting	
Handle	rear	
Weight/Packed weight	9,7 kg / 11,9 kg	
Colour frame	metal, 185x185mm, accessory	

Operational specifications

Focus adjustment	screw focus with control at rear	
Beam Shaping	using barndoor accessory	
DMX channels / connection	7 or 8 ch / XLR5 connectors, IN/OUT	
Colours	RGBW + 10 preset whites (2700K 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	
Software upload	remote, via DMX 512 cables	

Optical specifications

Optical system	150mm diameter high quality fresnel lens + frost	
LED array	RGBW, replaceable	
Rated LED life	50,000 hours at 25°C, maintains 70% of original intensity	
Beam colours	Any, from RGBW colour mixing	
CRI (Colour Rendering Index)	> 90	

Accessories

Spare metal colour frame	■ 20100106 □ 20100106B □ 20100106C
4-leaf barndoor	■ 20100306 □ 20100306B □ 20100306C
Frost – frame, Rosco 253	20100101
Remoto	20702072 for the management of software upgrades/downloads
Hook clamp	20100900 Safety bond 20101300

Photometric data

Spot	RGBW											at 1300mA
	1.1	1.4	1.6	1.8	2.1	2.3	2.5	2.7	3.0	3.2	3.4	
Red	1197	831	610	467	369	300	247	208	176	152	132	18,2 lm/W
Green	2318	1610	1182	905	715	580	479	402	342	295	257	53,1 lm/W
Blue	374	260	190	146	116	94	78	65	56	47	42	14,2 lm/W
White	3385	2351	1727	1322	1045	846	700	588	501	432	376	79,7 lm/W
FULL	4158	2888	2121	1624	1283	1040	859	722	615	530	462	
Distance	5	6	7	8	9	10	11	12	13	14	15	m

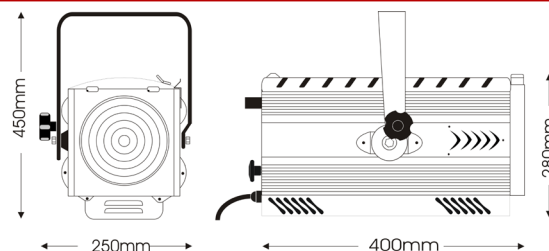
Flood	RGBW								m
	4.3	5.3	6.4	7.4	8.5	9.6	10.6		
Red	118	76	53	39	29	23	19		18,2 lm/W
Green	263	168	117	86	66	51	42		53,1 lm/W
Blue	46	29	20	15	12	9	7		14,2 lm/W
White	426	273	190	140	107	84	68		79,7 lm/W
FULL	472	302	210	154	119	93	76		
Distance	4	5	6	7	8	9	10		m

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS

alba f250 RGBW

380W, 100/260VAC, DMX512+RDM
LED fresnel luminaire

part # ■ 01201200 □ 01201201 ■ 01201202



A high efficiency led module featuring a 380W RGBW 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 is required. Standard delivery includes 1.6m mains cable with fitted Power-con.

A recently-added new feature allows to choose from 10 pre-set whites, ranging from 2700K to 5800K, using a dedicated DMX channel, actually making the Alba RGBW a tunable white fixture as well.

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

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