

Application

Beam style	variable-spread, tight-edged beam		
Suitable for	theatres, TV studios, architectural and commercial applications, worship venues, sports- and exhibition halls		
Specification level	professional range		
Beam angle	12°- 70°	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	10,1 kg / 12,3 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 pebble-convex lens + aluminum reflector		
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	<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
Remoto	20702072 for the management of software upgrades/downloads
Hook clamp	20100900 Safety bond 20101300

Photometric data

Spot	3200K – 124 lm/W (at 1620 mA)										
Beam dia.	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2	4.6	5.0 m
Lux	13454	5978	3363	2152	1495	1098	841	664	538	445	373
Distance	4	6	8	10	12	14	16	18	20	22	24 m

Flood												
Beam dia.	5.6	8.4	11.2	14	16.8	19.6						m
Lux	2047	910	512	327	228	167						
Distance	4	6	8	10	12	14						m

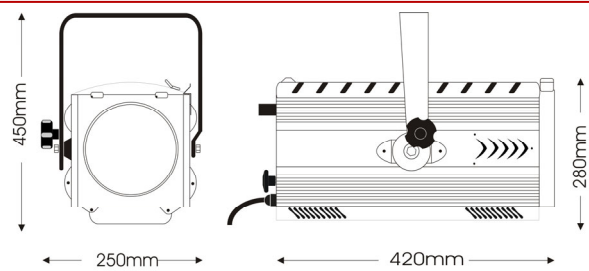
Spot	5600K – 130 lm/W (at 1620 mA)										
Beam dia.	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2	4.6	5.0 m
Lux	13650	6067	3412	2184	1516	1114	854	674	546	452	379
Distance	4	6	8	10	12	14	16	18	20	22	24 m

Flood												
Beam dia.	5.6	8.4	11.2	14	16.8	19.6						m
Lux	2362	1050	591	378	263	193						
Distance	4	6	8	10	12	14						m

alba pc250

230W, 100/260VAC, DMX512+RDM LED pebble-convex luminaire

part # 01202000 01202001 01202002 3200K
part # 01202100 01202101 01202102 5600K



A high efficiency 230W led module featuring a PWM dimming power source harnessed in the high-specification optics of LDR pebble-convex 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, tight-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
issue: ap ©2022. LDR reserves the right to alter the specification without prior notice.