

## Application

Beam style	variable-spread, tight-edged beam
Suitable for	theatres, TV studios, architectural and commercial applications in larger venues
Specification level	professional range
Beam angle	10° - 47°
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	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
Software upload	remote, via DMX 512 cables

## Optical specifications

Optical system	150mm diameter pebble-convex 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	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.5	m
lux	5188	2306	1297	830	576	423	324	256	208	
Distance	4	6	8	10	12	14	16	18	20	m

Flood										
Beam dia.	3.5	5.2	7.0	8.7	10.4	12.2	13.9	15.7	17.4	m
lux	938	417	234	150	104	77	59	46	38	
Distance	4	6	8	10	12	14	16	18	20	m

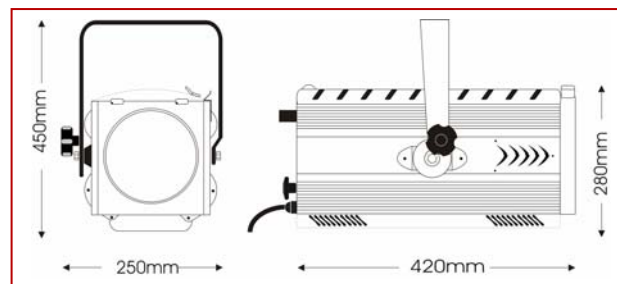
Spot	5600K									
Beam dia.	0.6	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.5	m
lux	7375	3278	1844	1180	819	602	461	364	295	
Distance	4	6	8	10	12	14	16	18	20	m

Flood										
Beam dia.	3.5	5.2	7.0	8.7	10.4	12.2	13.9	15.7	17.4	m
lux	1188	528	297	190	132	97	74	59	48	
Distance	4	6	8	10	12	14	16	18	20	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 1.5m 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



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