

Application

| | |
|---------------------|---|
| Beam style | variable-spread, tight-edged beam |
| Suitable for | theatres, TV studios, architectural and commercial applications |
| Specification level | professional range |
| Beam angle | 13°- 69° Typical throw distance 4 – 25m |

Electrical specifications

| | |
|----------------------|---|
| Light source | 380W LED, 2800K – 6300K tunable white |
| 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 | Neutrik Power-con IN and OUT |
| Standards Compliance | EN60598-2-17, CE marked |

Mechanical specifications

| | |
|-----------------------|--|
| 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, included |

Operational specifications

| | |
|---------------------------|---|
| Focus adjustment | screw focus with control at rear |
| Beam Shaping | using barndoor accessory |
| DMX channels / connection | 6 channels / XLR5 connectors, IN/OUT |
| Colours | Tunable white 2800K to 6300K + 10 preset whites (3000K 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 |

Optical specifications

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|------------------------------|---|
| Optical system | 150mm diameter high quality pebble-convex lens |
| LED array | white, replaceable |
| Rated LED life | 50,000 hours at 25°C, maintains 80% of original intensity |
| Beam colours | Tunable white 2800K to 6300K |
| CRI (Colour Rendering Index) | > 95 |

Accessories

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

Photometric data

Spot 2800K – 64 lm/W (at 4000mA)

| | | | | | | | | | | | | |
|-----------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|---|
| Beam dia. | 0.9 | 1.4 | 1.8 | 2.3 | 2.7 | 3.2 | 3.6 | 4.1 | 4.6 | 5.0 | 5.5 | m |
| Lux | 5827 | 2590 | 1456 | 932 | 648 | 476 | 364 | 288 | 233 | 192 | 162 | |
| Distance | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | m |

Flood

| | | | | | | | | | | | | |
|-----------|-----|-----|------|------|------|------|--|--|--|--|--|---|
| Beam dia. | 6.4 | 9.5 | 12.7 | 15.9 | 19.1 | 22.3 | | | | | | m |
| Lux | 426 | 190 | 107 | 68 | 47 | 35 | | | | | | |
| Distance | 4 | 6 | 8 | 10 | 12 | 14 | | | | | | m |

Spot 6300K – 88,4 lm/W (at 4000mA)

| | | | | | | | | | | | | |
|-----------|-------|------|------|------|-----|-----|-----|-----|-----|-----|-----|---|
| Beam dia. | 0.9 | 1.4 | 1.8 | 2.3 | 2.7 | 3.2 | 3.6 | 4.1 | 4.6 | 5.0 | 5.5 | m |
| Lux | 10360 | 3631 | 2042 | 1307 | 907 | 667 | 510 | 403 | 327 | 270 | 227 | |
| Distance | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | m |

Flood

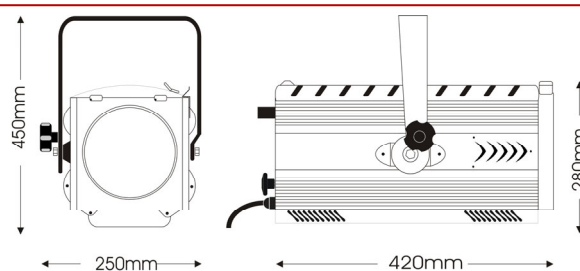
| | | | | | | | | | | | | |
|-----------|-----|-----|------|------|------|------|--|--|--|--|--|---|
| Beam dia. | 6.4 | 9.5 | 12.7 | 15.9 | 19.1 | 22.3 | | | | | | m |
| Lux | 624 | 277 | 155 | 100 | 70 | 51 | | | | | | |
| Distance | 4 | 6 | 8 | 10 | 12 | 14 | | | | | | m |

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS

alba pc250 TW

380W 2800K-6300K tunable white
100/260VAC, DMX512+RDM
LED pebble-convex luminaire

part # ■ 01202300 □ 01202301 ■ 01202302



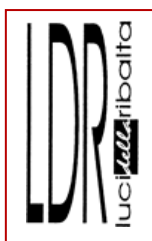
A high efficiency led module featuring a 380W tunable white COB power source harnessed in the high-specification optics of LDR pebble-convex spotlights.

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 of tunable white light is required.

A dedicated DMX channels allows to choose from a list of 10 pre-set whites: 3000K, 3200K, 3600K, 4000K, 4200K, 4600K, 5000K, 5200K, 5600K and 5800.

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



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