

## Application

|                     |   |
|---------------------|---|
| Beam style          | variable-spread, soft-edged beam                                |
| Suitable for        | theatres, TV studios, architectural and commercial applications |
| Specification level | professional range  |
| Beam angle          | 16°- 78° Typical throw distance 5 – 15m                         |

## Electrical specifications

|                      |   |
|----------------------|---|
| Light source         | 230W 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     | 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    | 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 | 6 or 7 ch / XLR5 connectors, IN/OUT                     |
| Colours                   | RGBW  |
| 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 fresnel lens                               |
| 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 |
| Hook clamp               | 20100900 Safety bond 20101300      |
| Clamp-on manual dimmer   | 20702071 Remoto 20702071           |

## Photometric data

| Spot      | RGBW |      |      |      |      |      |     |     |     |   |
|-----------|------|------|------|------|------|------|-----|-----|-----|---|
| Beam dia. | 1.1  | 1.4  | 1.6  | 1.8  | 2.1  | 2.3  | 2.5 | 3.0 | 3.4 | m |
| Red       | 990  | 687  | 504  | 386  | 304  | 247  | 204 | 146 | 110 |   |
| Green     | 2640 | 1832 | 1346 | 1030 | 814  | 660  | 544 | 390 | 292 |   |
| Blue      | 88   | 55   | 44   | 34   | 26   | 22   | 17  | 12  | 9   |   |
| White     | 3762 | 2610 | 1919 | 1469 | 1161 | 940  | 777 | 556 | 418 |   |
| FULL      | 4400 | 3055 | 2245 | 1719 | 1358 | 1100 | 908 | 651 | 488 |   |
| Distance  | 5    | 6    | 7    | 8    | 9    | 10   | 11  | 13  | 15  | m |

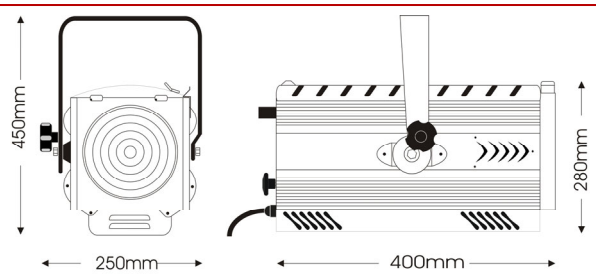
| Flood     |     |     |     |     |     |     |   |  |  |  |
|-----------|-----|-----|-----|-----|-----|-----|---|--|--|--|
| Beam dia. | 2.4 | 3.1 | 4.3 | 4.9 | 5.5 | 6.1 | m |  |  |  |
| Red       | 137 | 88  | 44  | 34  | 26  | 22  |   |  |  |  |
| Green     | 344 | 220 | 112 | 85  | 68  | 55  |   |  |  |  |
| Blue      | 13  | 9   | 5   | 4   | 3   | 2   |   |  |  |  |
| White     | 618 | 396 | 201 | 154 | 122 | 99  |   |  |  |  |
| FULL      | 687 | 440 | 224 | 171 | 135 | 110 |   |  |  |  |
| Distance  | 4   | 5   | 7   | 8   | 9   | 10  | m |  |  |  |

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS

# alba f250 RGBW

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

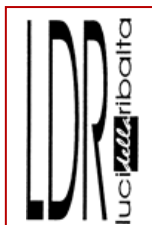
part # ■ 01201200 □ 01201201 ■ 01201202



A high efficiency 230W led module featuring a 230W 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 1.5m 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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