

Application

| | |
|------------------------|--|
| Beam style | asymmetric flood |
| Suitable for | cyclorama lighting in all applications |
| Specification level | professional range |
| Typical throw distance | 0.5m – 3m from lit surface |

Electrical specifications

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|----------------------|---|
| Light source | 10x 15W LED, RGBW |
| Supply Volts | 100/260V AC single phase |
| Frequency / Current | 50/60Hz – 0.45A @ 230V AC or 0,95 A @ 110V AC |
| Power consumption | 105W at full power |
| Cable/connection | Neutrik powercon IN and OUT |
| Power cable | 1.6m 3x1.5mm power cable with fitted powercon, supplied |
| Standards Compliance | EN60598-2-17, CE marked |

Mechanical specifications

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|-----------------------|--|
| Paint/Finish | black/silver/white epoxy powder paint. On demand also available in any colour of the RAL range |
| Construction | aluminium and steel-sheet body |
| Reflector | asymmetrical proprietary curve, specular aluminium |
| Mounting & suspension | double steel stirrup with 12mm centre hole and DIN mounting |
| Weight/Packed weight | 5kg / 7kg |
| Packed volume | 0.069m ³ |
| Safety glass | included |

Operational specifications

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|---------------------------|--|
| Working position | any, stand-alone or hung, any tilting |
| Positional adjustment | tilt lock on one side |
| 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 signal |
| 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 |

Accessories

| | |
|-------------------------------------|----------|
| Spare clear safety glass | 20101460 |
| Remoto, gateway for software upload | 20702072 |
| Hook clamp | 20100900 |
| Safety bond | 20101300 |

Photometric data – measured at ½ peak angle

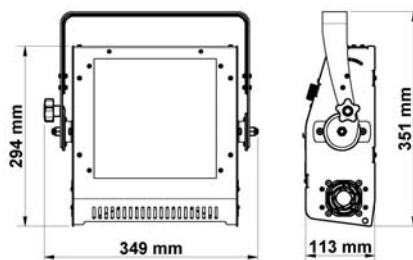
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|----------------|------|-----|-----|-----|-----|-----|-----|
| Horizontal (H) | 0.8 | 1.7 | 2.5 | 3.4 | 4.2 | 5.0 | m |
| Vertical (V) | 1.3 | 2.5 | 3.8 | 5.0 | 6.3 | 7.5 | m |
| R | 356 | 89 | 40 | 23 | 15 | 10 | lux |
| G | 1210 | 303 | 135 | 76 | 50 | 34 | lux |
| B | 53 | 14 | 6 | 3.5 | 2.2 | 1.5 | lux |
| W | 1250 | 312 | 140 | 78 | 51 | 35 | lux |
| FULL | 2640 | 660 | 293 | 166 | 106 | 73 | lux |
| Distance(D) | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | m |

SAMBA A100 CM

100W LED RGBW

asymmetric floodlight

part number: 01106250 01106251 01106252



100 watt LED RGBW asymmetrical floodlight ideal for cyclorama-type lighting in all applications.

SAMBA is an elegant, compact, light weight fixture which can be installed in any position, either stand-alone or hung from a truss even on very small stages or locations with reduced space.

Utilizing a multi functional display or DMX / RDM interface for ease of operation, it provides a high precision multicurve dimming system along with pure colour mixing throughout all fields of colours.

The Samba is energy efficient, reliable, and built to last and is also available in 3200K and 5600K white LED