

Application

| | |
|------------------------|---|
| Beam style | well defined, flat-field profile projection |
| Suitable for | short-throw on theatres, stages, schools, worship venues, clubs |
| Specification level | professional range |
| Beam angle | 12°-24° |
| Typical throw distance | 2 – 10m |

Electrical specifications

| | |
|----------------------|---|
| Light source | 120W LED, RGBW |
| Supply Volts | 100/260V AC single phase |
| Frequency / Current | 50/60Hz – 0.42A @ 230V AC or 0,9 A @ 110V AC |
| Power consumption | 135W at full power |
| Cable/connection | 2m mains cable with fitted Neutrik Power-con IN and OUT, supplied |
| Standards Compliance | EN60598-2-17, CE marked |

Mechanical specifications

| | |
|-------------------------|---|
| Lamp House Construction | extruded aluminium and sheet steel |
| Mounting & suspension | steel stirrup 12mm centre hole and DIN mounting; spigot for ø28mm tripod supplied |
| Handle | rear and side |
| Weight/Packed weight | 10,1 kg / 11,6 kg |
| Colour frame | metal, 125 x 125mm, accessory |

Operational specifications

| | |
|---------------------------|--|
| Focus adjustment | slide zoom controls (diameter and softness) at side |
| Beam Shaping | iris diaphragm, supplied + 4 shutter blades, accessory |
| DMX channels / connection | 6 or 7 ch / XLR5 connectors, IN/OUT |
| Colours | RGBW |
| Dimming | manual, from rear panel 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 |

Optical specifications

| | |
|------------------------------|-------------------------------------|
| Optical system | double condenser with variable zoom |
| LED array | RGBW, round-shaped, replaceable |
| Rated LED life | 50,000 hours at 25°C |
| Beam colours | any, from RGBW colour mixing |
| CRI (Colour Rendering Index) | > 90 |

Accessories

| | | | |
|-------------------------|-------------|-----------------------|-------------|
| Metal colour frame | ■ 20100102 | □ 20100102B | ■ 20100102C |
| Spare iris diaphragm | 20100707 | Gobo holder, M/D size | 20100801 |
| Set of 4 shutter blades | 80208019 x4 | | |
| Black tripod | 20102401 | Spare spigot ø29mm | 20102200 |
| Black tripod LEV-LEG | 20102400 | | |

Photometric data

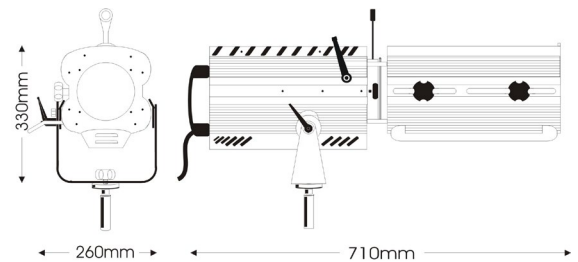
| Narrow beam | | RGBW | | | | | | | | | | at 700mA |
|-------------|-------|------|------|------|------|-----|-----|-----|-----|---|--|-----------|
| Beam dia. | 0.4 | 0.6 | 0.8 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 2.1 | m | | |
| R | 2756 | 1225 | 689 | 441 | 307 | 225 | 172 | 137 | 110 | | | 41 lm/W |
| G | 3938 | 1750 | 984 | 630 | 438 | 321 | 246 | 194 | 158 | | | 56,5 lm/W |
| B | 735 | 327 | 184 | 118 | 82 | 60 | 46 | 37 | 29 | | | 11,5 lm/W |
| W | 5775 | 2566 | 1444 | 924 | 642 | 471 | 361 | 286 | 231 | | | 87,9 lm/W |
| FULL | 12075 | 5367 | 3019 | 1932 | 1342 | 986 | 755 | 596 | 483 | | | |
| Distance | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | m | | |

| Wide beam | | | | | | | | | | | | |
|-----------|------|------|------|-----|-----|-----|---|--|--|--|--|-----------|
| Beam dia. | 0.9 | 1.3 | 1.7 | 2.1 | 2.6 | 3.0 | m | | | | | |
| R | 1076 | 479 | 269 | 172 | 120 | 88 | | | | | | 41 lm/W |
| G | 1706 | 758 | 438 | 273 | 190 | 140 | | | | | | 56,5 lm/W |
| B | 301 | 134 | 76 | 48 | 34 | 24 | | | | | | 11,5 lm/W |
| W | 2468 | 1096 | 616 | 395 | 274 | 202 | | | | | | 87,9 lm/W |
| FULL | 5408 | 2403 | 1352 | 865 | 601 | 441 | | | | | | |
| Distance | 2 | 3 | 4 | 5 | 6 | 7 | m | | | | | |

astro 100 RGBW

120W, 100/260VAC, DMX512+RDM
LED profile followspot

part # ■ 01107190



New, stylish, compact and high efficiency 120W RGBW led narrow-angle followspot featuring double-condenser optics and a PWM dimming power source. ASTRO 100 is DMX512 and RDM controllable for infinite colour beams but manual dimming from rear panel is also an option.

ASTRO 100 produces a well defined, flat-field beam of bright colours from an extremely compact and user friendly body. Its outstanding performance makes it the ideal choice for short-throw applications in amateur theatres, and small stages in schools, worship venues, city halls, clubs, concerts or events.

The Astro 100 is available in 3200K and 5600K white light and RGBW and on demand can also be obtained in white finish. Standard delivery includes the iris diaphragm, a spigot for followspot tripod and 2m mains cable fitted with Power-Con.

A full range of accessories complements the range.



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