

Application

| | | | |
|---------------------|---|---------------------------------|--|
| Beam style | well-defined, flat field projection | | |
| Suitable for | theatres, TV studios, auditoriums, sport-halls and arenas, worship venues | | |
| Specification level | professional range | | |
| Beam angle | 7° - 12° | Typical throw distance 20 – 60m | |

Electrical specifications

| | | | |
|----------------------|--|--|--|
| Light source | 600W LED, White | | |
| Supply Volts | 100/260V AC single phase | | |
| Frequency / Current | 50/60Hz – 1.17A @ 230v ac- 2.35A @ 110V AC | | |
| Power consumption | 630W at full power, 9W in sleep mode | | |
| Cable/connection | 2.5m, 3 x 1.5mm ² cable, Power-con to bare ends | | |
| Standards Compliance | EN60598-2-17, CE marked | | |

Mechanical specifications

| | | | |
|----------------------|--|--|--|
| Construction | extruded aluminium and sheet steel | | |
| Mounting | steel stirrup with 12mm centre hole and DIN mounting. Spigot with aluminium fluid head for ø29mm tripod supplied | | |
| Pan & Tilt control | 2 side-handles head to rear | | |
| Weight/Packed weight | 31.0 kg / 36.0 kg | | |

Operational specifications

| | | | |
|-------------------------|---|--|--|
| Focus adjustment | slide zoom controls (diameter and softness) at side | | |
| DMX channels/connection | 1 to 3 ch/ XLR5 connectors, IN/OUT | | |
| RDM | integrated | | |
| Dimming | positionable external activator Clamp-on dimmer, supplied or remote DMX 8 or 16 bits or rotating knob at the back | | |
| LED temperature | built-in sensor for real time monitoring | | |
| Ambient temperature | 35°C max. | | |
| Fade curves | 2 curves (linear, square) | | |
| LED Frequency | Pure DC – flicker-free | | |
| LCD display | set-up, DMX, monitor, diagnostics | | |

Optical specifications

| | | | |
|------------------------------|---|--|--|
| Optical system | double condenser with variable zoom | | |
| LED array / rated life | white, replaceable | | |
| Rated LED life | 50,000 hours at 25°C, maintains 70% of original intensity | | |
| Beam colour temperature | 6000K | | |
| CRI (Colour Rendering Index) | Ra>90; R9 >80; R12>75; | | |

Accessories

| | | | | |
|-----------------------------------|----------|-----------------------|----------|----------|
| 5-Col. Colour-changer | 20105106 | 6-Col. Colour changer | 20105206 | supplied |
| Spare iris diaphragm | 20100707 | Gobo holder A/B size | 20100807 | |
| Black tripod | 20102401 | Chrome plated tripod | 20102402 | |
| Spigot with fluid head - supplied | 20102100 | Spigot ø29mm | 20102200 | |
| Flight case | 20107180 | Remoto | 20702072 | |
| Clamp-on digital dimmer | 20702071 | supplied | | |

Photometric data

| Narrow focus | | 3200K – 32,8 lm/W (at 7500mA) | | | | | | | | | |
|--------------|------|-------------------------------|------|-----|-----|-----|-----|-----|------|---|--|
| Beam dia. | 2.4 | 3.1 | 3.7 | 4.3 | 4.9 | 5.5 | 6.1 | 6.7 | 7.3 | m | |
| lux | 2704 | 1730 | 1201 | 883 | 676 | 534 | 433 | 357 | 300 | | |
| Distance | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 m | | |

| Wide focus | | | | | | | | | | | |
|------------|-----|-----|-----|-----|-----|-----|------|------|------|---|--|
| Beam dia. | 4.2 | 5.3 | 6.3 | 7.4 | 8.4 | 9.5 | 10.5 | 11.6 | 12.6 | m | |
| lux | 913 | 585 | 406 | 298 | 228 | 181 | 146 | 121 | 102 | | |
| Distance | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 m | | |

| Narrow focus | | 6000K – 56,62 lm/W (at 7500mA) | | | | | | | | | |
|--------------|------|--------------------------------|------|-----|-----|-----|-----|-----|------|---|--|
| Beam dia. | 2.4 | 3.1 | 3.7 | 4.3 | 4.9 | 5.5 | 6.1 | 6.7 | 7.3 | m | |
| lux | 2940 | 1802 | 1306 | 960 | 735 | 581 | 470 | 388 | 323 | | |
| Distance | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 m | | |

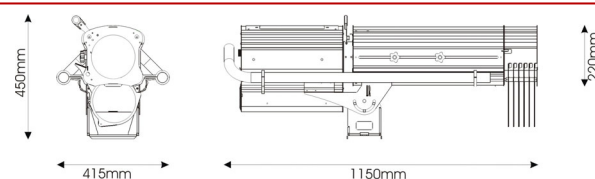
| Wide focus | | | | | | | | | | | |
|------------|------|-----|-----|-----|-----|-----|------|------|------|---|--|
| Beam dia. | 4.2 | 5.3 | 6.3 | 7.4 | 8.4 | 9.5 | 10.5 | 11.6 | 12.6 | m | |
| lux | 1155 | 739 | 513 | 377 | 289 | 228 | 185 | 160 | 134 | | |
| Distance | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 m | | |

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS

astro 600

600W, 100/260VAC, DMX512 + RDM
LED followspot

part # ■ 01607180 Warm White 3200K
■ 01607170 Cool White 6000K



The latest LED followspot from LDR, the Astro 600 produces an astonishingly pure white beam of light with an extremely flat field. This unit produces this incredible output with its integrated state-of-the-art LED engine and electronic control system.

With its 3200K and 6000K white beam generated by a single-source 600W COB which prevents any colour shift during dimming, Astro is currently the best performing LED followspot in its category available on the market. A double-condenser optics system with variable zoom from 8° to 16° and unparalleled smooth dimming curve further contribute to the outstanding performance of the Astro 600.

Standard features include: 6-disc removable colour changer, sizing iris, movable clamp-on digital dimmer slide and spigot with integrated fluid-head. A full range of accessory options complement the range.



Luci della Ribalta srl
Via Berna 14
46042 Castel Goffredo (MN), Italy
tel: +39 0376 771777

www.ldr.it info@ldr.it

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