

Application

Beam style	well-defined, flat field projection
Suitable for	theatres, TV studios, auditoriums, sport-halls and arenas, worship venues, cruise ships in damp and humid locations or applications or where haze and fog machines are being used together with the followspot
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

Lamp House Construction	extruded aluminium and metal-sheet
Mounting	steel stirrup with 12mm centre hole and DIN mounting. Spigot w/ aluminium fluid head for ø29mm tripod incl.
Pan & Tilt control	2 side-handles head to rear
Weight/Packed weight	31.0 kg / 72.0 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	3200K or 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 B size	20100808	
Black tripod	20102401	Remoto	20702072	
Black tripod LEV-LEG	20102400			
Clamp-on digital dimmer	20702071	supplied		
Spigot w/fluid head	20102100	supplied		
Spigot ø29mm	20102200			
Flight case with no-key locking system, black, supplied			20107180	

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	

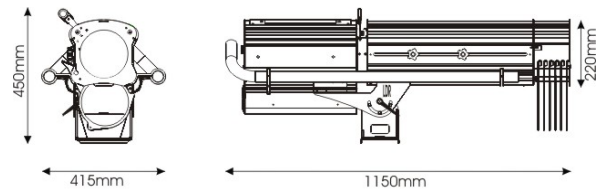
Wide focus											
Beam dia.	4.2	5.3	6.3	7.4	8.4	9.5	10.5	11.6	12.6	m	
lux	1155	739	513	377	289	228	185	160	134		
Distance	20	25	30	35	40	45	50	55	60	m	

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS

astro 600 kit tropical

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

part # K01607280 Warm White 3200K
 K01607270 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 7° to 12°, unparalleled smooth dimming curve and 4 dimming-speed options – Slow, Normal, Fast and Snap - further contribute to the outstanding performance of the Astro 600.

The special tropical version allows to use Astro 600 in highly humid environments and guarantees a long life to its electronic parts. It is furthermore strongly recommended for usage in venues where fog or haze machines are also being used, or wherever natural or chemical air pollutants or dust of any origin cannot be avoided.

Astro 600 kit tropical includes: 6-disc removable colour changer, sizing iris, movable clamp-on digital dimmer slide, spigot with integrated fluid-head, black tripod and ATA approved black flight-case with no key-locking system on braking wheels. A full range of accessory options complement the range.



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