

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

Lamp House Construction	extruded aluminium and metal-sheet
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 / 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	Black tripod LEV-LEG	20102400	
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

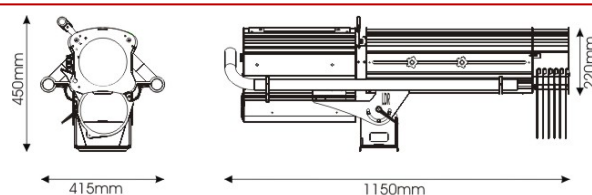
Wide focus										
Beam dia.	4.2	5.3	6.3	7.4	8.4	9.5	10.5	11.6	12.6	m
lux	1155	739	513	377	289	228	185	160	134	
Distance	20	25	30	35	40	45	50	55	60	m

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS

astro 600 kit

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

part #
 K01607180 Warm White 3200K
 K01607170 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.

Astro 600 kit includes: 6-disc removable colour changer, sizing iris, movable clamp-on digital dimmer slide, spigot with integrated fluid-head, Black or chrome-plated tripod, ATA approved flight-case on braking wheels

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
issue: ap ©2022. LDR reserves the right to alter the specification without prior notice.