

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 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 / 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	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 A/B size	20100807	
Black tripod	20102401			
Spigot w/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	

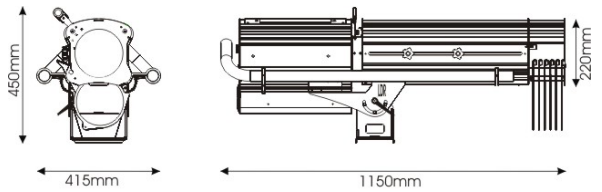
Narrow focus		6000K – 56,62 lm/W (at 7500mA)									
Beam dia.	2.4	3.1	3.7	4.3	4.9	5.5	6.1	6.7	7.3	m	
lux	2940	1802	1306	960	735	581	470	388	323		
Distance	20	25	30	35	40	45	50	55	60	m	

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	

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.



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