

Application

Beam style	well defined, flat-field profile projection
Suitable for	short-throws on theatres, stages, schools, worship venues, clubs
Specification level	professional range
Beam angle	10°- 28°
Typical throw distance	2 – 10m

Electrical specifications

Light source	89W LED, white
Supply Volts	100/260V AC single phase
Frequency / Current	50/60Hz – 0.3A
Power consumption	100W 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 with 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	1 to 4 / XLR5 connectors, IN/OUT
Dimmer module	PWM (Pulse Width Modulation), 8 or 16 bits
Dimming	manual, from rear panel or remote, through control desk via DMX 512 signal
LED temperature	built-in sensor for real time monitoring
Ambient temperature	35°C max.
Fan speed control	automatically set and controlled
Fade curves	4 curves (linear, square, LED-HAL, User 1)
LED Frequency	LED frequency control for TV cameras ranging from 3KHz to 460Hz. Manually selectable from rear panel or remotely controlled through DMX

Optical specifications

Optical system	double condenser with variable zoom
LED array	89W, white, round-shaped, replaceable
Rated LED life	25,000 hours at 25°C
Beam colour temperature	3200K or 5600K
CRI (Colour Rendering Index)	>90

Accessories

Metal colour frame	■20100102	□20100102B	■20100102C
Spare iris diaphragm	20100707	Gobo holder, M/D size	20100801
5-colour colour changer	20105103		
Set of 4 shutter blades	80208019 x4		
Black tripod	20102401	Spare spigot ø29mm	20102200
Black tripod LEV-LEG	20102400		

Photometric data

Narrow beam										
3200K – 109 lm/W (at 2100mA)										
Beam dia.	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7	m
lux	11250	5000	2813	1800	1250	918	703	556	450	
Distance	2	3	4	5	6	7	8	9	10	m

Wide beam										
Beam dia.	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	m
lux	4500	2000	1125	720	500	367	281	222	168	
Distance	2	3	4	5	6	7	8	9	10	m

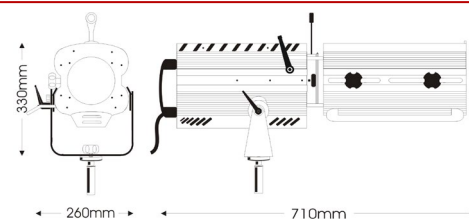
Narrow beam										
5600K – 120 lm/W (at 2100mA)										
Beam dia.	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7	m
lux	14750	6556	3688	2360	1639	1204	922	728	590	
Distance	2	3	4	5	6	7	8	9	10	m

Wide beam										
Beam dia.	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	m
lux	6250	2778	1563	1000	694	510	391	309	250	
Distance	2	3	4	5	6	7	8	9	10	m

astro 100

89W, 100/260VAC, DMX512
LED profile followspot

part # ■ 01107170 3200K
part # ■ 01107180 5600K



New, stylish, compact and high efficiency 100W white led narrow-angle followspot featuring double-condenser optics and a PWM dimming power source. ASTRO 100 is DMX controllable for 16 bit dimming DMX512 but manual dimming from rear panel is also an option.

Its extremely compact size and its outstanding performance makes the ASTRO 100 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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