

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	12°-24°
Typical throw distance	2 – 10m

Electrical specifications

Light source	120W LED, RGBW
Supply Volts	100/260V AC single phase
Frequency / Current	50/60Hz – 0.42A @ 230V AC or 0,9 A @ 110V AC
Power consumption	135W 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 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	6 or 7 ch / XLR5 connectors, IN/OUT
Colours	RGBW
Dimming	manual, from rear panel or remote, 8 or 16 bits via DMX signal
LED temperature	built-in sensor for real time monitoring
Ambient temperature	35°C max.
Fan speed control	3 modes available: Silent/Auto/Constant
Fade curves	2 curves (linear, square)
LED Frequency	16KHz – flicker-free
LCD display	set-up, DMX, monitor, diagnostics
RDM	integrated

Optical specifications

Optical system	double condenser with variable zoom
LED array	RGBW, round-shaped, replaceable
Rated LED life	50,000 hours at 25°C
Beam colours	any, from RGBW colour mixing
CRI (Colour Rendering Index)	> 90

Accessories

Metal colour frame	<input checked="" type="checkbox"/> 20100102	<input type="checkbox"/> 20100102B	<input type="checkbox"/> 20100102C
Spare iris diaphragm	20100707	Gobo holder, M/D size	20100801
Set of 4 shutter blades	80208019 x4		
Black tripod	20102401	Spare spigot ø29mm	20102200

Photometric data

Narrow beam	RGBW										at 700mA
	Beam dia.	0.4	0.6	0.8	1.1	1.3	1.5	1.7	1.9	2.1	
R	2756	1225	689	441	307	225	172	137	110		41 lm/W
G	3938	1750	984	630	438	321	246	194	158		56,5 lm/W
B	735	327	184	118	82	60	46	37	29		11,5 lm/W
W	5775	2566	1444	924	642	471	361	286	231		87,9 lm/W
FULL	12075	5367	3019	1932	1342	986	755	596	483		
Distance	2	3	4	5	6	7	8	9	10	m	

Wide beam

Wide beam	RGBW							m
	Beam dia.	0.9	1.3	1.7	2.1	2.6	3.0	
R	1076	479	269	172	120	88		41 lm/W
G	1706	758	438	273	190	140		56,5 lm/W
B	301	134	76	48	34	24		11,5 lm/W
W	2468	1096	616	395	274	202		87,9 lm/W
FULL	5408	2403	1352	865	601	441		
Distance	2	3	4	5	6	7	m	

LUCI DELLA RIBALTA PROFESSIONAL LIGHTING PRODUCTS

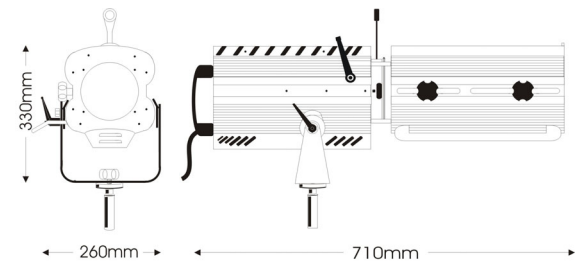
astro 100 RGBW

120W, 100/260VAC, DMX512+RDM
LED profile followspot

part # ■ 01107190



CE



New, stylish, compact and high efficiency 120W RGBW led narrow-angle followspot featuring double-condenser optics and a PWM dimming power source. ASTRO 100 is DMX512 and RDM controllable for infinite colour beams but manual dimming from rear panel is also an option.

ASTRO 100 produces a well defined, flat-field beam of bright colours from an extremely compact and user friendly body. Its outstanding performance makes it 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.



Luci della Ribalta srl
Via Berna 14
46042 Castel Goffredo (MN), Italy
tel: +39 0376 771777
www.ldr.it info@ldr.it
issue: ap ©2023. LDR reserves the right to alter the specification without prior notice.