

Application

Beam style	well-defined, flat field projection	
Suitable for	theatres, TV studios, permanent shows, worship venues, music bars and restaurants, sport-halls	
Specification level	professional range	
Beam angle	8° - 22°	Typical throw distance 4 - 25m

Electrical specifications

Light source	380W LED, RGBW
Supply Volts	100/260V AC single phase
Frequency / Current	50/60Hz - 1.17A @ 230V ac- 2.35A @ 110V AC
Power consumption	250W at full power, 9W in sleep mode
USB PSU	integrated; allows re-charging of mobile device during operation
Cable/connection	2.2m, 3 x 1.5mm ² cable, Power-con to bare ends
Standards Compliance	EN60598-2-17, CE marked

Mechanical specifications

Construction	extruded aluminium and sheet steel
Mounting	steel stirrup with 12mm centre hole and DIN mounting. spigot for Ø29mm tripod supplied
Pan & Tilt control	2 side-handles head to rear
Weight/Packed weight	21.0 kg / 26.0 kg

Operational specifications

Focus adjustment	slide zoom controls (diameter and softness) at side
DMX channels/connection	6 or 7 ch/ XLR5 connectors, IN/OUT
RDM	integrated
Wi-Fi	integrated
Colour	RGBW + 10 preset whites (2700K to 5800K) from a dedicated DMX channel
Colour control	by Android or IOS mobile device connected to proprietary Wi-Fi access point (1 device only - 12m) or remote DMX512-RDM
Dimming	positionable external activator Clamp-on dimmer, supplied or remote DMX 8 or 16 bits
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
Software upload	remote, via DMX 512 cables

Optical specifications

Optical system	double condenser with variable zoom
LED array / rated life	RGBW, replaceable
Rated LED life	50,000 hours at 25°C, maintains 70% of original intensity
Beam colour temperature	Any, from RGBW colour mixing
CRI (Colour Rendering Index)	>90

Accessories

Spare iris diaphragm	20100707	Gobo holder A/B size	20100807
Black tripod	20102401	Black tripod LEV-LEG	20102400
Spare spigot Ø29mm	20102200	Spigot w/fluid head	20102100
Flight case	20107180	Remoto	20702072
Clamp-on digital dimmer	20702071	supplied	
Clamp-on universal phone holder	20702073	supplied	
Clamp-on Android mobile phone, pre-loaded app/colour library			20702074

Photometric data

Narrow beam		RGBW					at 1300mA
Beam dia.	0.6	1.1	1.7	2.2	2.8	3.1	m
R	2690	672	299	168	107	75	lux 18,2 lm/W
G	7842	1960	870	489	314	217	lux 53,1 lm/W
B	1706	426	189	106	68	47	lux 14,2 lm/W
W	13630	3407	1514	852	545	379	lux 79,7 lm/W
Full	14391	3598	1599	886	575	400	lux
Distance	4	8	12	16	20	24	m

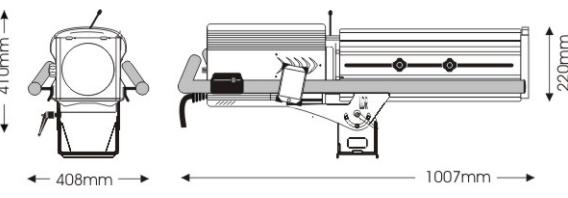
Wide beam

Beam dia.	0.8	1.2	1.6	1.9	2.3	2.7	m
R	1837	817	459	294	204	150	lux 18,2 lm/W
G	6694	2975	1674	1071	743	546	lux 53,1 lm/W
B	1181	525	295	189	131	97	lux 14,2 lm/W
W	11550	5132	2888	1848	1283	943	lux 79,7 lm/W
Full	11812	5250	2954	1890	1312	964	lux
Distance	2	3	4	5	6	7	m

astro 250 CM wi-fi MK2

380W, 100/260VAC, DMX512 + RDM
RGBW LED followspot

part # ■ 01207190 Kit K01207190



Stylish, compact and extremely high efficiency RGBW led followspot with unique features allowing for precision and user-friendly control in any situation.

- Colour Control by Android or IOS mobile device connected to proprietary wi-fi access point (1 device only, 12m range) or remote DMX512-RDM
- USB port supplied to re-charge your mobile device while operating the followspot
- Clamp-on universal mobile phone holder, 3.5/6.5in, rotatable 360°, supplied
- Clamp on digital dimmer, positionable along the side bars to suit any operator's needs, supplied
- Android mobile phone, with pre-loaded proprietary colour library, on demand
- Free proprietary colour library available for download from our website for those using own mobile device

A recently-added new feature allows to choose from 10 pre-set whites, ranging from 2700K to 5800K, using a dedicated DMX channel

Standard delivery also includes iris diaphragm and spigot.



Luci della Ribalta srl
Via Berna 14
46042 Castel Goffredo (MN), Italy
tel: +39 0376 771777
www.ldr.it info@ldr.it

Issue: ap ©2026. LDR reserves the right to alter the specification without prior notice.