

Application

Beam style	variable-spread, soft-edged beam
Suitable for	theatres, TV studios, architectural and commercial applications
Specification level	professional range
Beam angle	11°- 66°
Typical throw distance	2 – 15m

Electrical specifications

Light source	150W LED, RGBW
Supply Volts	100/260V AC single phase
Frequency / Current	50/60Hz – 0.87A @ 230V AC or 1.8 A @ 110V AC
Power consumption	190W at full power
Cable/connection	Neutrik powercon IN and OUT
Standards Compliance	EN60598-2-17, CE marked

Mechanical specifications

Lamp House Construction	extruded aluminium and sheet steel
Mounting & suspension	steel stirrup 12mm centre hole + DIN mounting.
Handle	rear
Weight/Packed weight	9,7 kg / 11,9kg
Colour frame + safety guard	metal, 185 x 185mm, supplied

Operational specifications

Focus adjustment	screw focus with control at rear
Beam Shaping	using barndoor accessory
DMX channels / connection	6 or 7 ch / XLR5 connectors, IN/OUT
Dimmer module	RGBW
Dimming	from rear panel encoder 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 curve	2 curves (linear, square)
LED Frequency	16KHz- Flicker free
LCD display	Set-up, dmx, monitor,diagnostics
RDM	Integrated
Software upload	Remote, via DMX 512 cables

Optical specifications

Optical system	150mm diameter Fresnel lens
LED array	RGBW, round- shaped, replaceable
Rated LED life	50,000 hours at 25°C, maintain 70% original intensity
Beam colour temperature	Any, from RGBW colour mixing
CRI (Colour Rendering Index)	>90

Accessories

Spare metal colour frame	■ 20100106	□ 20100106B	▣ 20100106C
4-leaf barndoor	■ 20100306	□ 20100306B	▣ 20100306C
Remoto, software uploader	20702071		
Hook clamp	20100900	Safety bond	20101300

Photometric data

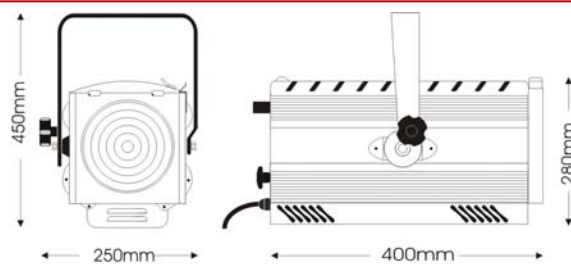
Narrow beam										RGBW
Beam dia.	0.4	0.6	0.8	1.0	1.3	1.7	1.9	2.3	2.9	m
R	3575	1588	892	572	291	176	143	99	62	
G	7287	3238	1821	1166	594	359	291	202	130	
B	9350	4154	2246	1496	759	460	374	259	166	
W	9625	4277	2406	1540	788	472	385	267	181	
FULL	21450	9533	5362	3520	1751	1059	858	596	387	
Distance	2	3	4	5	7	9	10	12	15	m
Wide beam										
Beam dia.	2.6	3.9	5.2	6.5	7.8	9.1	m			
R	1512	672	378	242	167	124				
G	2062	916	513	330	229	168				
B	2392	1063	587	382	265	195				
W	2255	1002	563	360	250	184				
FULL	3987	1772	996	638	443	325				
Distance	2	3	4	5	6	7	m			

arpa f150 RGBW

150W, 100/260VAC, DMX512

led fresnel luminaire

part # ■ 01151200 □ 01151201 ▣ 01151202



Stylish, compact and extremely high efficiency RGBW led power source, wide angle profile zoom featuring double-condenser optics and DMX/RDM controllable for 16 bit dimming and infinite colour beams.

Arpa is ideal in all those applications where heat and energy saving are a concern. Its attractive design makes it the obvious choice in shop displays, art displays and architectural applications where a theatrical-type luminaire is needed.

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
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