

## Application

Beam style	well-defined, flat field profile projection
Suitable for	theatres, TV studios, architectural and commercial applications, churches, exhibition and sport-halls
Specification level	professional range
Beam angle	13°- 34°
Typical throw distance	2 – 15m

## Electrical specifications

Light source	180W LED, white
Supply Volts	100/260V AC single phase
Frequency / Current	50/60Hz – 0.3A
Power consumption	200W at full power
Cable/connection	2m mains cable with fitted Neutrik powercon IN and OUT, supplied
Standards Compliance	EN60598-2-17, CE marked

## Mechanical specifications

Construction	extruded aluminium and sheet steel
Mounting & suspension	steel stirrup 12mm centre hole + DIN mounting.
Handle	rear
Weight/Packed weight	15.6 kg / 17.5 kg
Colour frame	metal, 185 x 185mm, accessory

## Operational specifications

Focus adjustment	Slide zoom controls (dia and softness) at side
Beam Shaping	4 shutter blades, supplied + iris diaphragm, accessory
DMX channels / connection	6 to 7 / XLR5 connectors, IN/OUT
Colours	RGBW
Dimming	from rear panel encoder or remote, 8 or 16 bits via DMX
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	180W RGBW, round-shaped, 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

Metal colour frame	■ 20100106	□ 20100106B	■ 20100106C
Iris diaphragm	20100707	Gobo holder, A/B metal	20100807
Remoto, uploader software	20702072		
Hook clamp	20100900	Safety bond	20101300

## Photometric data

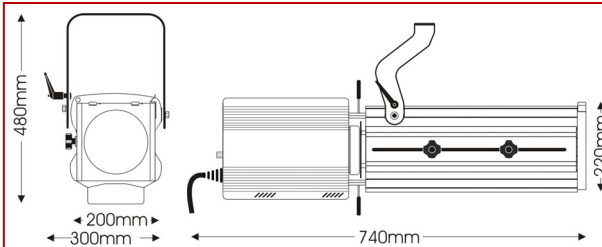
Narrow beam	RGBW								at 1600mA
	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	
Beam dia									m
Red	5250	1312	583	328	210	146	107	82	<b>44,6 LUMEN per Watt</b>
Green	11287	2821	1254	705	451	313	268	230	<b>68,7 LUMEN per Watt</b>
Blue	2100	525	233	131	84	58	43	33	<b>11,8 LUMEN per Watt</b>
White	13650	3412	1516	854	546	379	278	213	<b>86,2 LUMEN per Watt</b>
Full	30187	7547	3353	1887	1207	839	616	471	
Distance	2	4	6	8	10	12	14	16	m

Wide beam	RGBW									
	1.2	1.8	2.4	3.1	3.7	4.3	4.9	5.5	6.1	m
Beam dia.										
Red	1000	444	250	160	111	81	62	49	40	<b>44,6 LUMEN per Watt</b>
Green	2200	978	550	352	244	180	138	109	88	<b>68,7 LUMEN per Watt</b>
Blue	425	189	106	68	47	34	26	21	17	<b>11,8 LUMEN per Watt</b>
White	2625	1166	656	420	291	214	164	129	105	<b>86,2 LUMEN per Watt</b>
Full	5250	2333	1313	840	583	429	328	259	210	
Distance	2	3	4	5	6	7	8	9	10	m

# arpa 18/36 RGBW

180W, 100/260VAC, DMX512+RDM  
wide-angle LED profile

part # ■ 01154230 □ 01154231 ■ 01154232 RGBW



Extremely powerful, stylish and high-precision wide-angle LED profile featuring a state-of-the art 180W RGBW LED module.

Arpa 18/36 includes a PWM built dimmer, which can be manually controlled from the rear panel or remotely controlled via DMX512 signal and offers a choice of 2 fade curves. It is ideal for all medium throw installations in theatres, TV Studios, schools or commercial venues where an extremely sharp beam shaping and gobo projections are a priority.

Arpa is available in 3200K and 5600K white light, RGBW and TW, in a choice of 3 finishes: black, white or silver, with manual or PO stirrup. A full range of accessories complements the range.