

Application

Beam style	variable-spread, soft-edged beam
Suitable for	theatres, TV studios, architectural and commercial applications, worship venues, exhibition halls or stands
Specification level	professional range
Beam angle	12°-74°
Typical throw distance	4 – 20m

Electrical specifications

Light source	150W LED, white
Supply Volts	100/260V AC single phase
Frequency / Current	50/60Hz – 0.7A @ 230V AC 1.45 @ 110V AC
Power consumption	160W at full power
Cable/connection	1,6m mains cable with fitted Neutrik Power-con 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	9,7 kg / 11,9kg
Colour frame	metal, 185 x 185mm, supplied

Operational specifications

Focus adjustment	screw focus with control at rear
Beam Shaping	using barndoor accessory
DMX channels / connection	1 to 3 ch / XLR5 connectors, IN/OUT
Colour	white, single source, no colour shift in fading
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 curve	2 curves (linear, square)
LED Frequency	16KHz - flicker-free
LCD display	set-up, DMX, monitor, diagnostic
RDM	integrated

Optical specifications

Optical system	150mm diameter high quality borosilicate Fresnel lens
LED array	150W, white, round-shaped, replaceable
Rated LED life	50,000 hours at 25°C, maintains 70% of original intensity
Beam colour temperature	3200K or 5600K
CRI (Colour Rendering Index)	>90

Accessories

Metal colour frame	■ 20100106	□ 20100106B	▣ 20100106C
4-leaf barndoor	■ 20100306	□ 20100306B	▣ 20100306C
Hook clamp	20100900	Safety bond	20101300

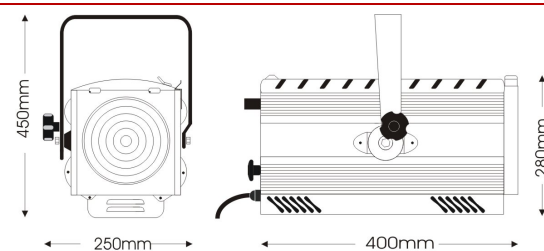
Photometric data

Spot	3200K – 128 lm/W (at 1440mA)									
Beam dia.	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2	m
lux	7875	3500	1969	1260	875	643	492	389	315	
Distance	4	6	8	10	12	14	16	18	20	m
Flood										
Beam dia.	4.6	6.9	9.2	11.5	13.9	m				
lux	919	408	230	147	102					
Distance	4	6	8	10	12	m				
Spot	5600K – 134 lm/W (at 1440mA)									
Beam dia.	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2	m
Lux	8335	3704	2083	1333	926	680	521	412	334	
Distance	4	6	8	10	12	14	16	18	20	m
Flood										
Beam dia.	4.6	6.9	9.2	11.5	13.9	m				
lux	919	408	230	147	102					
Distance	4	6	8	10	12	m				

arpa f150

150W, 100/260VAC, DMX512 + RDM
LED fresnel luminaire

part # ■ 01151000 □ 01151001 ▣ 01151002 3200K
part # ■ 01151100 □ 01151101 ▣ 01151102 5600K



A high efficiency 150W led module featuring a PWM dimming power source harnessed in the high-specification optics of LDR fresnel spotlights. Recently introduced specifications include RDM control for 16 bit dimming, 3 choices on fan speed control and increased light output.

Arpa F features a high-quality borosilicate Fresnel lens and perfectly fits in theatrical sets, stages, TV studios, commercial and art displays, schools, worship venues, cruise ships or architectural applications where a pure white and evenly distributed soft-edged beam on medium throws is required.

Standard delivery includes 1.6m mains cable with fitted Power-con and a metal colour frame. All models in the ARPA range are available in 3200K and 5600K white plus RGBW, in a choice of 3 finishes: black, white and silver, and 2 stirrups: manual and pole-operated.

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