

### Application

Beam style	Well defined, flat-field profile projection
Suitable for	Theatres, TV studios, architectural and commercial applications
Specification level	Professional range
Beam angle	10°-28°
Typical throw distance	2 – 10m

### Electrical specifications

Light source	80W 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	100W 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	9,2 kg / 10,8 kg
Colour frame + guard	Metal, 125 x 125mm, supplied

### Operational specifications

Focus adjustment	Slide zoom controls (diameter and softness) at side
Beam Shaping	4 shutter blades, supplied + iris diaphragm
DMX channels / connection	6 or 7 ch / XLR5 connectors, IN/OUT
Colours	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 curves	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	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

Spare metal colour frame	■ 20100102	□ 20100102B	■ 20100102C
Iris diaphragm	20100707	Gobo holder, M/D size	20100801
Hook clamp	20100900	Safety bond	20101300
Clamp-on manual dimmer	20702071	Remoto	20702071

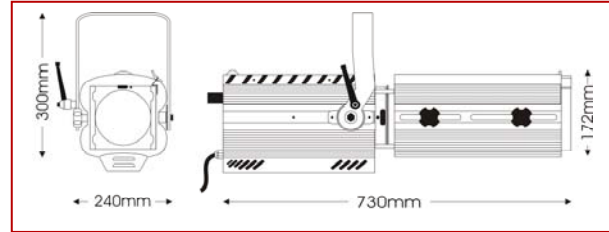
### Photometric data

Narrow beam											RGBW
Beam dia.	0.4	0.6	0.8	1.1	1.5	1.9	2.1	2.5	3.2	m	
R	27770	12400	7000	4500	2270	1380	1110	833	528		
G	37750	16800	9500	6060	3090	1870	1515	1141	712		
B	42700	19000	10700	6900	3500	2118	1720	1360	825		
W	48000	21300	12000	7700	3900	2360	2010	1420	924		
FULL	106000	46800	26500	16900	8650	5225	4250	3117	1967		
Distance	2	3	4	5	7	9	10	12	15	m	
Wide beam											
Beam dia.	0.9	1.3	1.8	2.2	2.7	3.1	m				
R	2020	977	550	352	244	179					
G	2323	1032	635	404	296	206					
B	2424	1077	660	422	293	215					
W	260	1155	708	453	314	231					
FULL	4545	2020	1136	792	550	404					
Distance	2	3	4	5	6	7	m				

# cetra 10/28 RGBW

100W, 100/260VAC, DMX512  
wide-angle led profile

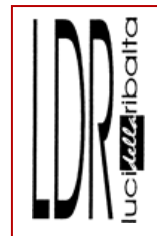
part # ■ 01104220 □ 01104221 ■ 01104222



Stylish, compact and high efficiency RGBW led power source, fresnel luminaire featuring 120mm diameter Fresnel lens and dmx/RDM controllable for 16 bit dimming and infinite colour beams.

Cetra 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.



Distribuito da:  
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