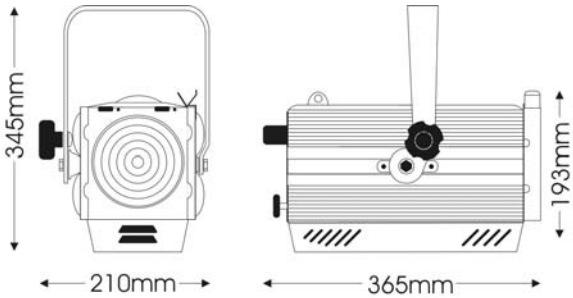
Cetra f100 RGBW

100W, 100/260VAC, DMX512 LED Fresnel Luminaire

part # ■ 01101200



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.

Application	
Beam style	Variable-spread, soft-edged beam
Suitable for	Theatres, TV studios, architectural and commercial applications
Specification level	Professional range
Beam angle	15°-51° (1/2 P.A.)
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	5,9 kg / 7,10kg
Colour frame + safety guard	Metal, 150 x 150mm, 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
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	120mm 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	■20100103 □ 20100103B ▨ 20100103C
Safety guard	■20100203 □ 20100203B ▨ 20100203C
4-leaf barndoor	■20100301 □ 20100301B ▨ 20100301C
Hook clamp	20100900 Safety bond 20101300

Photometric data

Spot

Beam dia.*	0.5	0.8	1.1	1.3	1.6	1.8	2.1	2.4	2.6	
R	650	288.9	162.5	104	72.2	53.1	40.6	32.1	26	
G	1300	577.8	325	208	144.4	106.1	81.3	64.2	52	
B	1550	688.9	387.5	248	172.2	126.5	96.9	76.5	62	
W	1750	778	438	280	194	143	109	86	70	
FULL	5000	2222	1250	800	556	408	313	247	200	
Distance	2	3	4	5	6	7	8	9	10	m

Flood

Beam dia.*	1.9	2.9	3.8	4.8	5.7	6.7	7.6	8.6	9.5	
R	175	77.8	43.8	28	19.4	14.3	10.9	8.6	7	
G	325	144	81	52	36	27	20	16	13	
B	400	177.8	100	64	44.4	32.7	25	19.8	16	
W	450	200	112.5	72	50	36.7	28.1	22.2	18	
FULL	1250	556	313	200	139	102	78	62	50	
Distance	2	3	4	5	6	7	8	9	10	m

***: ½ P.A.**

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