

Application

Beam style	Well defined, flat-field profile projection
Suitable for	Theatres, TV studios, architectural and commercial applications
Specification level	Professional range
Beam angle	20°- 35°
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

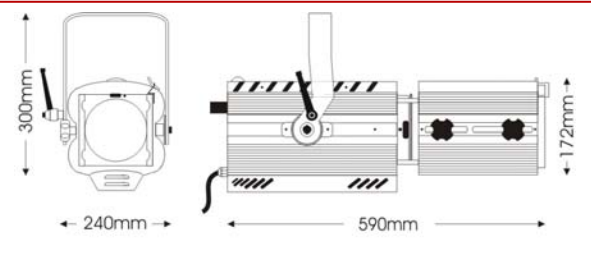
Photometric data

Narrow beam										
Beam dia.	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5	m
R	650	289	163	104	73	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
Wide beam										
Beam dia.	1.3	1.9	2.5	3.2	3.8	4.4	m			
R	175	77.8	43.8	28	19.4	14.3				
G	325	144	81	52	36	27				
B	400	177.8	100	64	44.4	32.7				
W	450	200	112.5	72	50	36.7				
FULL	1250	556	313	200	139	102				
Distance	2	3	4	5	6	7	m			

cetra 20/40 RGBW

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

part # ■ 01104230 □ 01104231 ■ 01104232



Stylish, compact and extremely high efficiency 100W led wide angle profile spotlight featuring double-condenser optics and a PWM dimming power source

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.

Cetra is also available in 3200K and 5600K white light and with a pole-operated yoke (PO) A full range of accessories complements the range.



Distribuito da:
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issue: ap ©2018. LDR reserves the right to alter the specification without prior notice.