

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	89W LED, white
Supply Volts	100/260V AC single phase
Frequency / Current	50/60Hz – 0.3A
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	9,7 kg / 11 kg
Colour frame	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	1 to 4 / XLR5 connectors, IN/OUT
Dimmer module	PWM (Pulse Width Modulation), 8 or 16 bits
Dimming	manual, from rear panel or remote, through control desk via DMX signal
LED temperature	built-in sensor for real time monitoring
Ambient temperature	35°C max.
Fan speed control	automatically set and controlled
Fade curves	4 curves (linear, square, LED-HAL, User 1)
LED Frequency	LED frequency control for TV cameras ranging from 3KHz to 460Hz. Manually selectable from rear panel or remotely controlled through DMX

Optical specifications

Optical system	double condenser with variable zoom
LED array	89W, white, round-shaped, replaceable
Rated LED life	25,000 hours at 25°C
Beam colour temperature	3200K or 5600K
CRI (Colour Rendering Index)	>90

Accessories

Spare metal colour frame	■ 20100102	□ 20100102B	■ 20100102C
Safety guard	■ 20100202	□ 20100202B	■ 20100202C
Iris diaphragm	20100707	Gobo holder, M/D size	20100801
Hook clamp	20100900	Safety bond	20101300

Photometric data

Spot	3200K									
Beam dia.	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7	m
lux	11250	5000	2813	1800	1250	918	703	556	450	
Distance	2	3	4	5	6	7	8	9	10	m

Flood										
Beam dia.	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5		m
lux	4500	2000	1125	720	500	367	281	222		
Distance	2	3	4	5	6	7	8	9		m

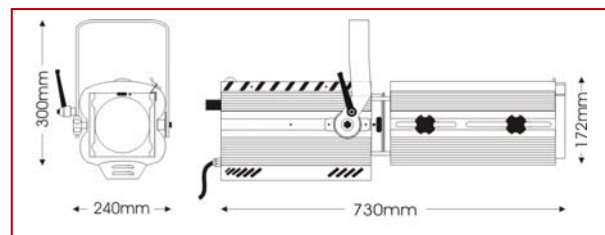
Spot	5600K									
Beam dia.	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7	m
lux	14750	6556	3688	2360	1639	1204	922	728	590	
Distance	2	3	4	5	6	7	8	9	10	m

Flood										
Beam dia.	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	m
lux	6250	2778	1563	1000	694	510	391	309	250	
Distance	2	3	4	5	6	7	8	9	10	m

cetra 10/28

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

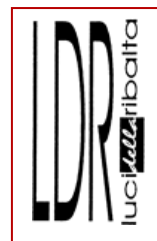
part # ■ 01104020 □ 01104021 ■ 01104022 3200K
part # ■ 01104120 □ 01104121 ■ 01104122 5600K



Stylish, compact and extremely high efficiency 100W led narrow 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 available in 3200K and 5600K white light. A full range of accessories complements the range.



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