

## 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

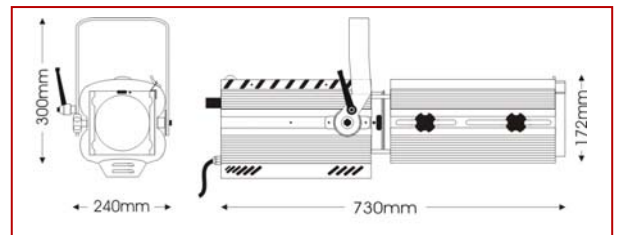
Spot	5600K									
Beam dia.	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.6	1.7	m
lux	14750	6556	3688	2360	1639	1204	922	728	590	
Distance	2	3	4	5	6	7	8	9	10	m

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

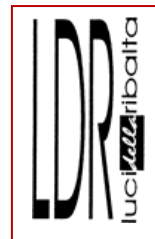
part # ■ 01104020 □ 01104021 ■ 01104022 3200K  
part # ■ 01104120 □ 01104121 ■ 01104122 5600K



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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