

Application

| | |
|------------------------|---|
| Beam style | variable-spread, tight-edged beam |
| Suitable for | theatres, TV studios, architectural and commercial applications |
| Specification level | professional range |
| Beam angle | 10°- 66° |
| Typical throw distance | 2 – 10m |

Electrical specifications

| | |
|----------------------|-----------------------------|
| Light source | 98W 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 | 6,1 kg / 7,3 kg |
| 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 | 1 to 4 / XLR5 connectors, IN/OUT |
| Dimmer module | PWM (Pulse Width Modulation) |
| 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 | 120mm diameter pebble-convex lens |
| 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 | ■ 20100103 | □ 20100103B | ▣ 20100103C |
| Safety guard | ■ 20100203 | □ 20100203B | ▣ 20100203C |
| 4-leaf barndoor | ■ 20100301 | □ 20100301B | ▣ 20100301C |
| 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 | 14300 | 6356 | 3575 | 2288 | 1589 | 1167 | 894 | 706 | 572 | |
| Distance | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | m |

| Flood | | | | | | | | | | | |
|-----------|------|------|-----|-----|-----|-----|---|---|----|---|---|
| Beam dia. | 2.6 | 3.9 | 5.2 | 6.5 | 7.8 | 9.1 | | | | | m |
| lux | 2475 | 1100 | 619 | 396 | 275 | 202 | | | | | |
| Distance | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | m | |

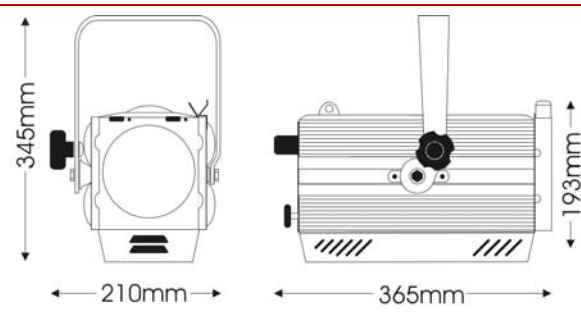
| Spot | 5600K | | | | | | | | | | |
|-----------|-------|------|------|------|------|------|------|-----|-----|---|--|
| Beam dia. | 0.3 | 0.5 | 0.7 | 0.9 | 1.0 | 1.2 | 1.4 | 1.6 | 1.7 | m | |
| Lux | 19750 | 8778 | 4938 | 3160 | 2194 | 1612 | 1234 | | | | |
| Distance | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | m | |

| Flood | | | | | | | | | | | |
|-----------|------|------|-----|-----|-----|-----|--|--|--|--|---|
| Beam dia. | 2.6 | 3.9 | 5.2 | 6.5 | 7.8 | 9.1 | | | | | m |
| lux | 2750 | 1222 | 688 | 440 | 306 | 224 | | | | | |

cetra pc100

100W, 100/260VAC, DMX512
led pebble-convex luminaire

part # ■ 01102000 □ 01102001 ▣ 01102002 3200K
part # ■ 01102100 □ 01102101 ▣ 01102102 5600K



Stylish, compact and extremely high efficiency 100W led pebble-convex luminaire featuring 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.



Luci della Ribalta srl
Via Berna 14
46042 Castel Goffredo (MN), Italy
tel: +39 0376 771777
www.ldr.it info@ldr.it

issue: ap ©2017. LDR reserves the right to alter the specification without prior notice.