

ZEP2 - 340LF2 CW

340 - LED 150 W



- **Type:** Single lens luminaire
- **Source:** LED 150 W
- **Optics:** 200 mm Fresnel lens
- **Colour temperature:** Cool White

Single lens

Low running costs, high performance

Equipped with an enhanced white LED source providing a higher output with a significant efficiency, this 200 mm Fresnel lens presents an exceptional flat and variable beam angle with very wide opening, combined with an electronic flicker-free dimmable PSU to create a powerful yet economical LED washlight. Perfect for TV studio, theatre, event and architectural applications.

Features

- **Theatre front cassette:** no light spill to distract audiences or performers
- **Colour runners:** double runners to hold accessories and colour filters
- **Barn door:** unique rotating barn door with 4 individually rotating blades – makes even the most difficult angle possible
- **Remote setup:** all parameters can be adjusted by RDM protocol
- **Adjustable response time:** choice of fast or slow dimming for tungsten-like simulation
- **DMX:** 8 or 16 bit dimming and strobe function
- **Local setup:** DMX address and mode, dimming curve and response time through 4-button display with automatic light switch-off
- **Control:** local, DMX, wireless DMX (option)
- **Focus reference:** index for easy focus reference
- **Focus adjustment:** smooth focus adjustment from rear
- **Tilt reference on hanging yoke:** index for rapid re-positioning

Optical

- **Unique 200 mm (8 in) lens:** no equivalent on the market in terms of light output and beam quality
- **Wide angle:** up to 90° from edge to edge
- **Beam shaping :** efficient barndoors in any focus position
- **Electronic dimmer:** dimming without clipping or cut-out at low intensity levels; high quality smoothing
- **No colour shift:** colour temperature remains the same when dimming

Construction

- **Made in France :** fully manufactured in Robert Juliat premises retaining complete control over all aspects of quality
- **PSU:** built-in electronic flicker-free power supply for easy, plug-and-play installation
- **Power connectors:** neutriK® powerCON TRUE1 TOP IN and OUT connectors for daisy chaining
- **Silent-running cooling fans:** ideal for TV studios and opera houses
- **Electronic thermal management system:** ensures maximum performance of the system without any risk of overheating
- **Bodywork:** strong sheet metal construction for durability
- **Captive knobs and handles:** additional security when working at height or in transit
- **Safety first:** front accessories safety cable attachment point

Picture:340LF + CF1000

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Robert Juliat reserves the right to change or alter any of the items detailed on this page, to increase or improve manufacturing techniques without prior notice.

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ROBERT JULIAT

Source

- Lamp type: LED
- Power: 150 W

| LED specifications | Power * | Lumen output* | Colour temperature* | Life* | CRI* (min) |
|-----------------------------|---------|---------------|---------------------|-----------|------------|
| SUHD60/2 V3 CW (RJ / Osram) | 150 W | 16 170 lm | 5700K | 100 000 h | 92 |

(*) manufacturer's data

Optics

Characteristics

- Type: Single lens
- Beam range: 11° to 68°
- Lens: 200 mm Fresnel lens

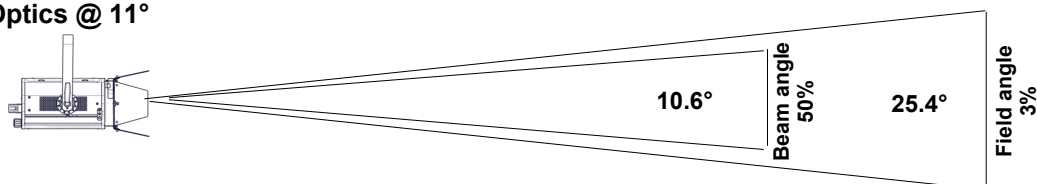
Gel filter

- Shape: Square
- Standard size: 215x215 mm (8.5x8.5 in)

Photometrics

with SUHD64 CW W (RJ / Osram) source

• Optics @ 11°

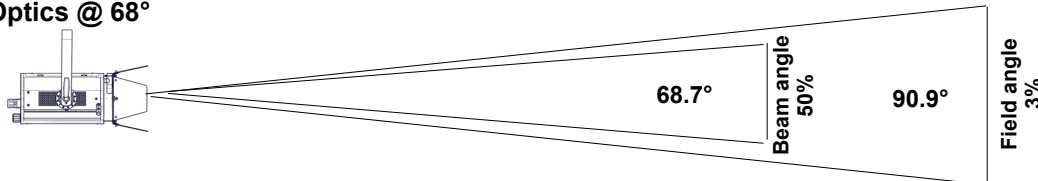


Beam intensity
95 500 cd

| | | | | | | |
|--------------|------------|-----------|-----------|---------|---------|---------|
| Distance | 3 m | 5 m | 7 m | 10 m | 12 m | 15 m |
| Diameter | 1.4 m | 2.3 m | 3.2 m | 4.5 m | 5.4 m | 6.8 m |
| Illumination | 11 000 lux | 3 850 lux | 1 950 lux | 960 lux | 670 lux | 430 lux |
| Distance | 10 ft | 15 ft | 25 ft | 35 ft | 40 ft | 50 ft |
| Diameter | 4.5 ft | 6.8 ft | 11.3 ft | 15.8 ft | 18 ft | 22.5 ft |
| Illumination | 960 fc | 430 fc | 160 fc | 80 fc | 60 fc | 39 fc |

CCT
8 000 K

• Optics @ 68°



Beam intensity
9 100 cd

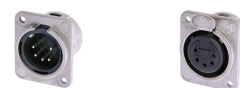
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|--------------|-----------|---------|---------|---------|---------|----------|
| Distance | 3 m | 5 m | 7 m | 10 m | 12 m | 15 m |
| Diameter | 6.1 m | 10.2 m | 14.2 m | 20.3 m | 24.4 m | 30.5 m |
| Illumination | 1 050 lux | 370 lux | 190 lux | 95 lux | 65 lux | 41 lux |
| Distance | 10 ft | 15 ft | 25 ft | 35 ft | 40 ft | 50 ft |
| Diameter | 20.3 ft | 30.5 ft | 50.8 ft | 71.1 ft | 81.3 ft | 101.6 ft |
| Illumination | 95 fc | 41 fc | 15 fc | 8 fc | 6 fc | 4 fc |

CCT
7 500 K

Remote control

- Data protocol: USITT DMX512-A
RDM

- Data IN connector: 5 pins XLR male
- Data OUT connector: 5 pins XLR female



• DMX chart:

Mode 1 (1 channels)

Dimmer

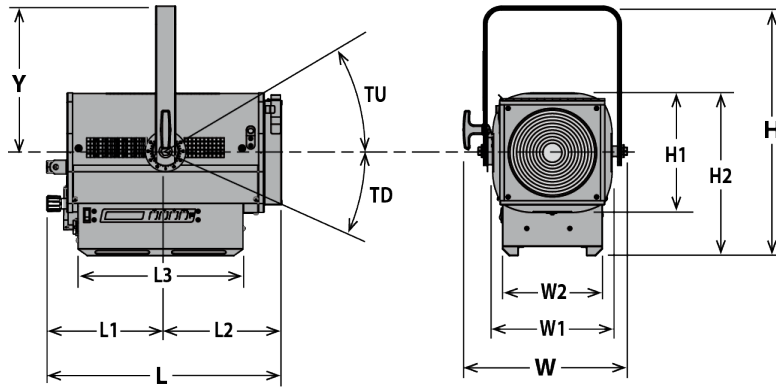
Mode 2 (4 channels)

Dimmer
Dimmer fine
-
Strobe

Mode 3 (5 channels)

Dimmer
Dimmer fine
-
Strobe
Dimmer master

Dimensions and weight



Weight: 14.2 kg (31.2 lbs)

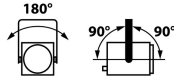
| Height | Length | Width | Yoke | Tilt |
|----------------------|----------------------|---------------------|---------------------|---------|
| H= 520 mm (20.5 in) | L= 494 mm (19.4 in) | W= 344 mm (13.5 in) | Y= 303 mm (11.9 in) | TU= 90° |
| H1= 250 mm (9.8 in) | L1= 250 mm (9.8 in) | W1= 250 mm (9.8 in) | | TD= 90° |
| H2= 342 mm (13.5 in) | L2= 244 mm (9.6 in) | W2= 210 mm (8.3 in) | | |
| | L3= 346 mm (13.6 in) | | | |

Shipping

- **Weight :** 19.5 kg (42.9 lbs)
- **Volume :** .09 m³ (3.18 ft³)

Installation

- **Minimum distance to illuminated surface:** 0.2 m (0.5 ft)
- **Operating position:**



Construction

- **Housing:** Steel sheet - Aluminium
- **Colour:** Black
- **Cooling:** Low noise variable fan
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc):** 65°C (149°F)
- **Total heat dissipation:** 631 BTU/h
- **Ingress Protection (IP) rating:** IP20

Electrical compatibility

- 220/230 V - 50 Hz
- 220/230 V - 60 Hz
- 245 V - 50 Hz
- 100 V - 50 Hz
- 110/120 V - 60 Hz
- 100 V - 60 Hz
- 208 V - 60 Hz
- Selector: automatic detection

Power input



- **Type:** removable power cord with Neutrik powerCON TRUE1 TOP connector (included)
- **Cable:** H07RNF 3G1.5
- **Length:** 3 m (9.8 ft)
- **Power connector:** CEE 7/7 (2P+E NF/Schuko)

Power consumption

| Voltage | Frequency | Current | Power | Power factor |
|---------|-----------|---------|-------|--------------|
| 230 V | 50 Hz | 0.8 A | 185 W | 95 |
| 120 V | 60 Hz | 1.5 A | 185 W | 98 |
| 100 V | 60 Hz | 1.8 A | 185 W | 98 |

Power Supply Unit

- **PSU:** Internal - Electronic PSU - Flicker free with PFC
- **Control:** Local / DMX
- **Protection:** Mains: 4A 1P1D breaker - UL /
- **Power thru:** Neutrik powerCON TRUE1 TOP - Maximum of 19 units (230 V) / 10 units (120 V)

Warranty

- **Fixture: 3 years - Source: 5 years**
See General Sales Condition on website

Approvals





Acoustics

- **Noise level:** < 22,7 dB(A)



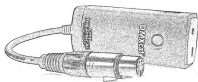




Model

| | |
|------------------|---|
| 340LF2 CW | LED 150 W Single lens luminaire - 200mm Fresnel - 340LF2 CW ZEP2 - Cool White |
|------------------|---|

Options

| | | |
|-----------------|---|---|
| PCP1716A | 16A blue 2P+E 6h IEC60309 power connector |  |
| PO/Z | Pole operation yoke (PAN/TILT/Focus) | |
| W-DMX/ZF | W-DMX wireless DMX |  |

Accessories

| | | |
|-----------------|---|---|
| PF1000M2 | 215x215mm metal filter holder 1 included |  |
| CF1000 | 4 rotating leaves on a rotating barndoor - 215x215mm (without safety cable) - Poids: 1.03 Kg |  |
| DMXcat | Bluetooth DMX/RDM Multifunction test tool - City Theatrical DMXcat® |  |
| 876 | Hook clamp 40x10mm with 28mm M10 screw for Ø35 to 50mm pipes - SWL: 50Kg - Poids: 1.25 Kg |  |
| 880 | Hook clamp 40x10mm with 28mm M10 screw for Ø50 to 63mm pipes - SWL: 50Kg - Poids: 1.36 Kg |  |
| CS2 | Safety cable Ø3 mm L= 600mm - SWL: 75 Kg |  |
| CS5 | Safety cable Ø1,5 mm L=300mm for front accessory with karabiner and quick link - SWL: 25 Kg |  |