# ZEP2 - 360LF2 WW

360 - LED 300 W

Single lens



- **Type:** Single lens luminaire
- **Source:** LED 300 W
- **Optics:** 200 mm Fresnel lens
- **Colour temperature:** Warm white

## 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
• **Accessories holder:** 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:360LF + CF1000

DSEN302_360LF2_WW - 02/10/2023
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.
**Robert Juliat S.A.S., 32 rue de Beaumont, 60530 Fresnoy-en-Thelle - France**
**Telephone : +33 (0)3 44 26 51 89 - info@robertjuliat.fr - www.robertjuliat.com**

ROBERT JULIAT

## Source

- **Lamp type:** LED
- **Power:** 247 W

| LED specifications | Power * | Lumen output* | Colour temperature* | Life* | CRI* (min) |
|---|---|---|---|---|---|
| SUHD60 V3 WW (RJ / Osram) | 247 W | 22 575 lm | 3000K | 100 000 h | 92 |

*(*) manufacturer's data*

## Optics

### Characteristics

- **Type:** Single lens
- **Range:** 12° to 64° (Beam angle)
- **Lens:** 200 mm Fresnel lens

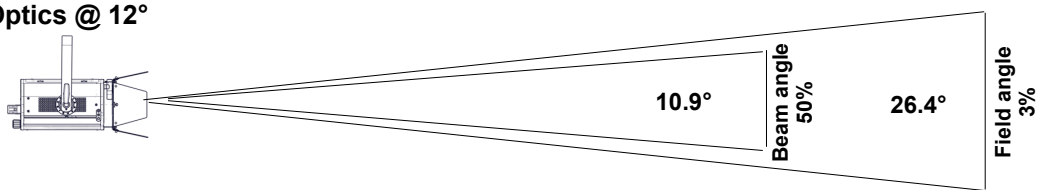
### Gel filter

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

## Photometrics

optics: 12°-64° / Standard

### • Optics @ 12°



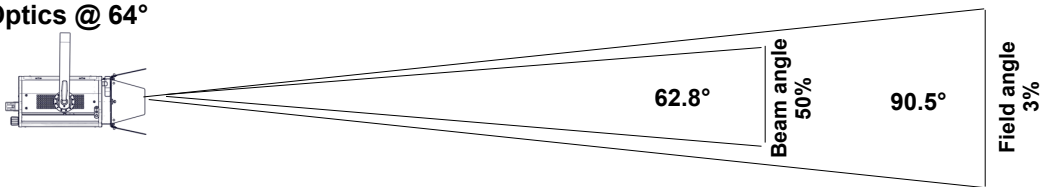

**Beam intensity**
130 800 cd

| | | | | | | |
|---|---|---|---|---|---|---|
| **Distance** | 3 m | 5 m | 7 m | 10 m | 12 m | 15 m |
| **Diameter** | 1.4 m | 2.3 m | 3.3 m | 4.7 m | 5.6 m | 7 m |
| **Illumination** | 15 000 lux | 5 300 lux | 2 700 lux | 1 350 lux | 910 lux | 590 lux |
| **Distance** | 10 ft | 15 ft | 25 ft | 35 ft | 40 ft | 50 ft |
| **Diameter** | 4.7 ft | 7 ft | 11.7 ft | 16.4 ft | 18.8 ft | 23.5 ft |
| **Illumination** | 1 350 fc | 590 fc | 210 fc | 110 fc | 85 fc | 55 fc |

**CCT**
3 220 K

**CRI**
92

### • Optics @ 64°




**Beam intensity**
11 700 cd

| | | | | | | |
|---|---|---|---|---|---|---|
| **Distance** | 3 m | 5 m | 7 m | 10 m | 12 m | 15 m |
| **Diameter** | 6.1 m | 10.1 m | 14.1 m | 20.2 m | 24.2 m | 30.3 m |
| **Illumination** | 1 350 lux | 470 lux | 240 lux | 120 lux | 85 lux | 55 lux |
| **Distance** | 10 ft | 15 ft | 25 ft | 35 ft | 40 ft | 50 ft |
| **Diameter** | 20.2 ft | 30.3 ft | 50.4 ft | 70.6 ft | 80.7 ft | 100.9 ft |
| **Illumination** | 120 fc | 55 fc | 19 fc | 10 fc | 8 fc | 5 fc |

**CCT**
3 190 K

## Remote control

- **Data protocol:** USITT DMX512-A
  RDM
- **Data IN connector:** 5 pins XLR male
- **Data OUT connector** 5 pins XLR femelle

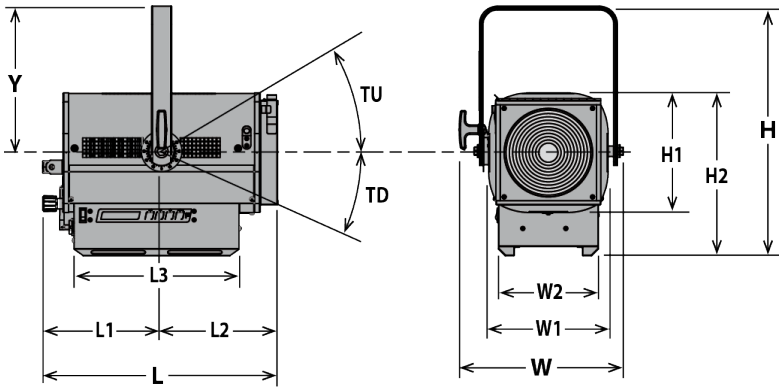




- **DMX chart:**

| Mode 1 (1 channels) | Mode 2 (4 channels) | Mode 3 (5 channels) |
|---|---|---|
| Dimmer | Dimmer | Dimmer |
| | Dimmer fine | Dimmer fine |
| | - | - |
| | Strobe | Strobe |
| | | Dimmer master |

## Dimensions and weight




**Weight:** 15.2 kg (33.4 lbs)

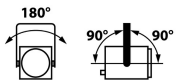
| Height | Length | Width | Yoke | Tilt |
|---|---|---|---|---|
| H= 520 mm (20.5 in)<br>H1= 250 mm (9.8 in)<br>H2= 342 mm (13.5 in) | L= 494 mm (19.4 in)<br>L1= 250 mm (9.8 in)<br>L2= 244 mm (9.6 in)<br>L3= 346 mm (13.6 in) | W= 344 mm (13.5 in)<br>W1= 250 mm (9.8 in)<br>W2= 210 mm (8.3 in) | Y= 303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

## Shipping

- **Weight :** 18.2 kg (40 lbs)
- **Volume :** .09 $m^3$ (3.18 $ft^3$)

## Installation

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




## Warranty

- **Fixture: 3 years - Source: 5 years**

*See General Sales Condition on website*

## Approvals

CE

## Acoustics

- **Noise level: < 24,9 dB(A)**

## Construction

- **Housing:** Steel sheet - Aluminium
- **Colour:** Black
- **Cooling:** Low noise variable fan
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc):** 70°C (158°F)
- **Total heat dissipation:** 976 BTU/h
- **Ingress Protection (IP) rating**: IP20

## Electrical compatibility

- 220/230 V - 50 Hz
- 245 V - 50 Hz
- 110/120 V - 60 Hz
- 208 V - 60 Hz
- 220/230 V - 60 Hz
- 100 V - 50 Hz
- 100 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 | 1.3 A | 286 W | 0.97 |
| 120 V | 60 Hz | 2.5 A | 291 W | 0.99 |
| 100 V | 60 Hz | 3 A | 295 W | 0.99 |

## 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 10 units (230 V) / 5 units (120 V)

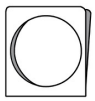
## Model

| | |
|---|---|
| **360LF2 WW** | LED 300 W Single lens luminaire - 200mm Fresnel - 360LF2 WW ZEP2 - Warm White |

## Options

| | | |
|---|---|---|
| **PCP1716A** | 16A blue 2P+E 6h IEC60309 power connector |  |
| **PO/Z** | Pole operation yoke (PAN/TILT/Focus) | |
| **W-DMX/ZF2** | W-DMX wireless DMX |  |

## Accessories

| | | |
|---|---|---|
| **PF1000M2** | 215x215mm metal filter holder<br>**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 |  |