

# ZEP2 - 360LF2 NDW

360 - LED 300 W



- **Type:** Single lens luminaire
- **Source:** LED 300 W
- **Optics:** 200 mm Fresnel lens
- **Colour temperature:** Neutral Daylight 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:360LF + 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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## Source

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

LED specifications	Power *	Lumen output*	Colour temperature*	Life*	CRI* (min)
SUHD60 V3 NDW (RJ / Osram)	247 W	24 150 lm	5000K	100 000 h	92

Life data following L70B50 standard - (\*) manufacturer's data

## Optics

### Characteristics

- **Type:** Single lens
- **Beam range:** 12° to 64°
- **Lens:** 200 mm Fresnel lens

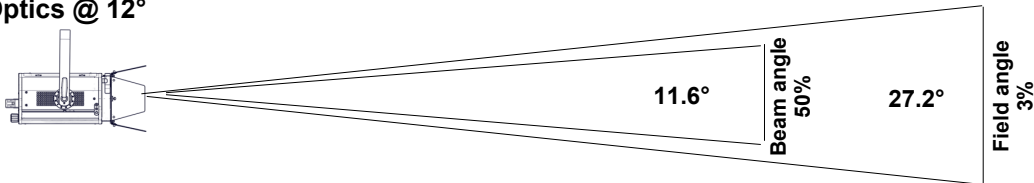
### Gel filter

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

## Photometrics

with SUHD60 V3 NDW (RJ / Osram) source

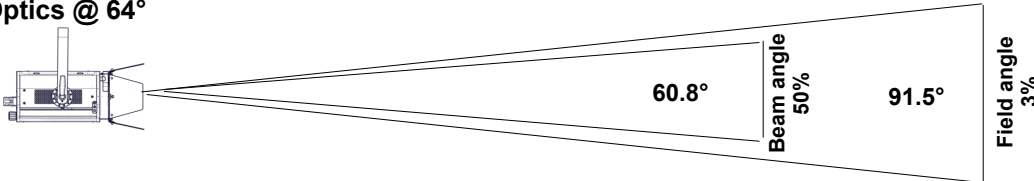
### • Optics @ 12°



**Beam intensity**  
155 700 cd

<b>Distance</b>	3 m	5 m	7 m	10 m	12 m	15 m	
<b>Diameter</b>	1.5 m	2.4 m	3.4 m	4.8 m	5.8 m	7.3 m	
<b>Illumination</b>	17 500 lux	6 300 lux	3 200 lux	1 600 lux	1 100 lux	700 lux	
<b>Distance</b>	10 ft	15 ft	25 ft	35 ft	40 ft	50 ft	<b>CCT</b>
<b>Diameter</b>	4.8 ft	7.3 ft	12.1 ft	16.9 ft	19.4 ft	24.2 ft	5 400 K
<b>Illumination</b>	1 600 fc	700 fc	250 fc	130 fc	100 fc	65 fc	<b>CRI</b>
							93

### • Optics @ 64°



**Beam intensity**  
13 500 cd

<b>Distance</b>	3 m	5 m	7 m	10 m	12 m	15 m	
<b>Diameter</b>	6.2 m	10.3 m	14.4 m	20.5 m	24.6 m	30.8 m	
<b>Illumination</b>	1 550 lux	550 lux	280 lux	140 lux	95 lux	65 lux	
<b>Distance</b>	10 ft	15 ft	25 ft	35 ft	40 ft	50 ft	<b>CCT</b>
<b>Diameter</b>	20.5 ft	30.8 ft	51.3 ft	71.9 ft	82.1 ft	102.7 ft	5 330 K
<b>Illumination</b>	140 fc	65 fc	22 fc	12 fc	9 fc	6 fc	

## 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

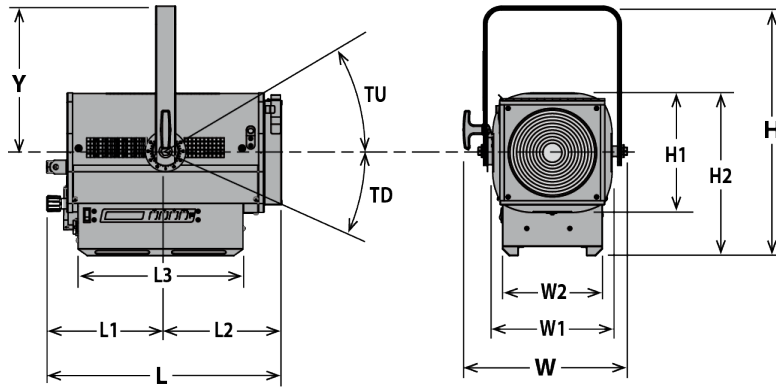
#### Mode 2 (4 channels)

Dimmer  
Dimmer fine  
-  
Strobe

#### Mode 3 (5 channels)

Dimmer  
Dimmer fine  
-  
Strobe  
Dimmer master

## Dimensions and weight



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

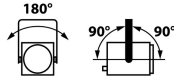
Height	Length	Width	Yoke	Tilt
H= 520 mm (20.5 in)	L= 494 mm (19.4 in)	W= 344 mm (13.5 in)	Y= 303 mm (11.9 in)	TU= 90°
H1= 250 mm (9.8 in)	L1= 250 mm (9.8 in)	W1= 250 mm (9.8 in)		TD= 90°
H2= 342 mm (13.5 in)	L2= 244 mm (9.6 in)	W2= 210 mm (8.3 in)		
	L3= 346 mm (13.6 in)			

## Shipping

- **Weight :** 18.2 kg (40 lbs)
- **Volume :** .09 m<sup>3</sup> (3.18 ft<sup>3</sup>)

## 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):** 70°C (158°F)
- **Total heat dissipation:** 976 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	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)

## Warranty

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

## Approvals





## Acoustics

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



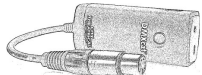



## Model

<b>360LF2 NDW</b>	LED 300 W Single lens luminaire - 200mm Fresnel - 360LF2 NDW ZEP2 - Neutral Daylight White
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## Options

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

## Accessories

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