

# ROXIE - 1166NDW

ULTRA COMPACT - LED 300 W



- **Type:** Followspot
- **Source:** LED 300 W
- **Optics:** 10,5° to 22,5° zoom
- **Colour temperature:** Neutral Daylight White

Followspot

## The little LED wonder with the power punch

Roxie is Robert Juliat's first LED followspot. The compact 300W spot is all about efficiency. It fits in the smallest of spaces and is the ideal energy-efficient solution for all those venues where running costs need to be significantly reduced. Roxie delivers an output comparable to most of the 575W discharge followspot available on the market. No heat, no lamp change, less maintenance. Smooth electronic dimming is available as standard, either locally via the rotary dimmer knob or remotely via DMX.

### Features

- **Fully closing iris:** removable for fast, easy replacement
- **Universal gobo holder:** a-size glass and metal gobo
- **Local control:** light intensity adjustment through built-in potentiometer
- **Internal glass filter holder:** long term use of durable coloured, dichroic or textured glass
- **Colour changer:** 6-way, 'push/pull' colour changer system for simultaneous use of multiple filters
- **DMX:** 8 or 16 bits dimming and strobe function
- **Parameters:** adjustable curves and response thru 4-button display with automatic light switch-off
- **Easy focus reference:** graduated scale on side of lantern; fast and easy refocusing

### Optical

- **Very long-life lamp source:** 50 000 hours - Lumen maintenance greater than 70% after 50 000 hours
- **Coated double condenser optical system:** for exceptional optical quality
- **Variable zoom optics:** sharp focus at every beam angle. Independent control of image size and focus.
- **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 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
- **Moving parts:** smooth at all times, even when hot
- **Captive knobs and handles:** additional security when working at height or in transit
- **Easy access to all parts:** easy cleaning and maintenance

Picture:1166

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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:** 258 W

LED specifications	Power *	Lumen output*	Colour temperature*	Life*	CRI* (min)
SUHD60 V2 NDW (RJ / Osram )	258 W	21 700 lm	5000K	46 000 h	82

(\*) manufacturer's data

## Optics

### Characteristics

- **Type:** Zoom
- **Beam range:** 10,5° to 22,5°
- **Focal length:** 184 - 374 mm

### Gel filter

- **Shape:** Circle
- **Standard size:** 165 mm (6.5 in)

### Gobo

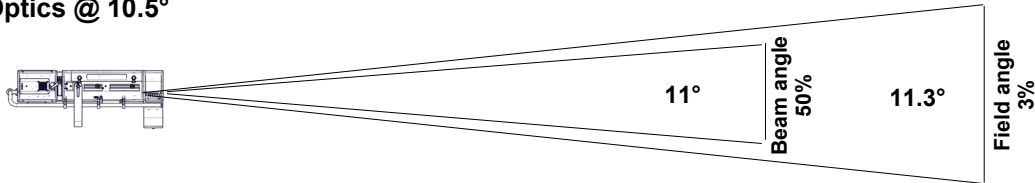
- **Size:** A
- **Material:** Metal  
Glass



## Photometrics

with SUHD60 V2 NDW (RJ / Osram ) source

### • Optics @ 10.5°



**Beam intensity**  
252 000 cd

**Field lumens**  
5 770 lm

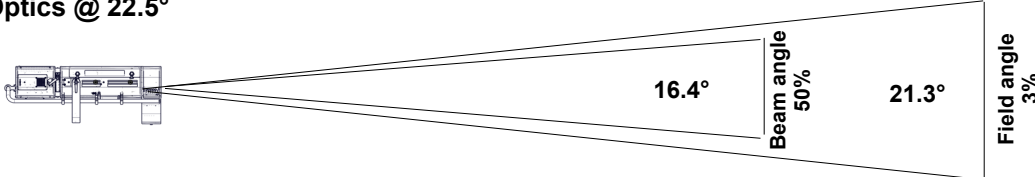
**Efficacy**  
19 lm/W

**CCT**  
5 030 K

**CRI**  
85

<b>Distance</b>	5 m	10 m	15 m	20 m	25 m	30 m
<b>Diameter</b>	1 m	2 m	3 m	4 m	4.9 m	5.9 m
<b>Illumination</b>	10 500 lux	2 550 lux	1 150 lux	640 lux	410 lux	290 lux
<b>Distance</b>	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
<b>Diameter</b>	3 ft	6.9 ft	9.9 ft	12.9 ft	15.8 ft	19.8 ft
<b>Illumination</b>	1 150 fc	210 fc	110 fc	60 fc	40 fc	26 fc

### • Optics @ 22.5°



**Beam intensity**  
104 200 cd

**Field lumens**  
6 670 lm

**Efficacy**  
22 lm/W

**CCT**  
5 050 K

**CRI**  
85

<b>Distance</b>	5 m	10 m	15 m	20 m	25 m	30 m
<b>Diameter</b>	1.9 m	3.8 m	5.6 m	7.5 m	9.4 m	11.3 m
<b>Illumination</b>	4 200 lux	1 050 lux	470 lux	270 lux	170 lux	120 lux
<b>Distance</b>	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
<b>Diameter</b>	5.6 ft	13.2 ft	18.8 ft	24.4 ft	30.1 ft	37.6 ft
<b>Illumination</b>	470 fc	90 fc	42 fc	25 fc	17 fc	11 fc

## Remote control

- **Data protocol:** USITT DMX512-A  
RDM / Art-Net / sACN

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



### • DMX chart:

#### Mode 1 (1 channels)

Dimmer

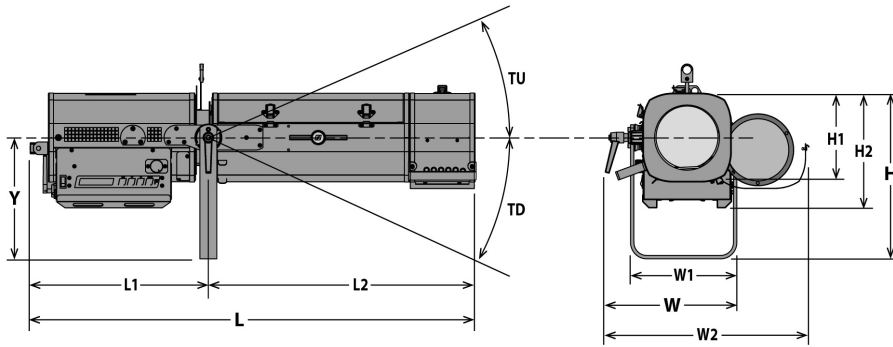
#### Mode 2 (4 channels)

Dimmer  
Dimmer fine  
-  
Strobe

#### Mode 3 (5 channels)

Dimmer  
Dimmer fine  
-  
Strobe  
Dimmer master

## Dimensions and weight



**Weight:** 20.5 kg (45.1 lbs)

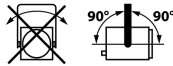
Height	Length	Width	Yoke	Tilt
H= 387 mm (15.2 in)	L= 1045 mm (41.1 in)	W= 321 mm (12.6 in)	Y= 283 mm (11.1 in)	TU= 51°
H1= 208 mm (8.2 in)	L1= 418 mm (16.5 in)	W1= 249 mm (9.8 in)		TD= 65°
H2= 268 mm (10.6 in)	L2= 627 mm (24.7 in)	W2= 490 mm (19.3 in)		

## Shipping

- **Weight :** kg (0 lbs)
- **Volume :** .17 m<sup>3</sup> (6 ft<sup>3</sup>)

## Installation

- **Minimum distance to illuminated surface:** 0.6 m ( 1.8 ft )
- **Operating position:**



## Warranty

- **Period: 2 years**  
See General Sales Condition on website

## Approvals



## 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:** 1 126 BTU/h
- **Protection rating:** 20

## Electrical compatibility

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

## Power input



- **Type:** removeable power cord with Neutrik powerCON TRUE1 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	1.5 A	330 W	0,96
120 V	60 Hz	2.8 A	330 W	0,9
100 V	60 Hz	3.3 A	330 W	0,9



## 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 - Maximum of 10 units (230 V) / 5 units (120 V)












## Model

<b>1166NDW</b>	LED 300 W Followspot - 1166NDW Roxie - Neutral Daylight White - 10,5/22,5°
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## Options

<b>W-DMX/Z</b>	W-DMX wireless DMX	
<b>FC1124</b>	Flight-case for Ultra Compact range / GT stand - Dim: 1210x600x560mm - Poids: 35 Kg	

## Accessories

<b>IS750</b>	Full closing iris with holder - Weight: ,35 Kg <b>1 included</b>	
<b>PF1114</b>	Ø165 mm metal filter holder <b>1 included</b>	
<b>SGUX</b>	Universal "A" size gobo-holder (metal, glass, frosted glass) <b>1 included</b>	
<b>M165TP</b>	6 ways "push/pull" colour changer - Weight: 2,09 Kg <b>1 included</b>	
<b>GT1000</b>	Tripod stand - SWL: 40 Kg - max. height: 1550 mm - Weight: 9,27 Kg	
<b>GT800</b>	Tripod stand - SWL: 40 Kg - max. height: 1550 mm - Weight: 7,98 Kg	
<b>T4000</b>	Followspot mount for Ø50mm pipe (suspension or overhead) - SWL= 100 Kg - Weight: 4,88 Kg	
<b>VD120</b>	120x120mm frosted glass	
<b>Kit TELRAD</b>	Telrad followspot sight with raiser and universal mounting kit - Weight: 1,23 Kg	
<b>SDUP</b>	Followspot cue sheet holder with universal mounting kit	
<b>FC1124/S</b>	Flight-case for Ultra Compact range / GT stand - Weight: 35 Kg	
<b>W/GT800</b>	Set of 3 wheels for GT800/1000 stand - Weight: 2,33 Kg	