

ROXIE2 - 1166-2 NDW

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
- **Easy setup:** locally and remotely by RDM protocol - integrated display
- **DMX:** 8 or 16 bits dimming and strobe function
- **Parameters:** adjustable curves and response thru 4-button display with automatic light switch-off
- **Control:** local, DMX, wireless DMX (option)
- **Easy focus reference:** graduated scale on side of lantern; fast and easy refocusing

Optical

- **SX optical system:** double condenser optics for exceptional optical quality
- **Coated double condenser optical system:** ensures optimal light transmission
- **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

DSEN300_1166-2_NDW - 01/08/2019

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:** 247 W

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

(*) 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

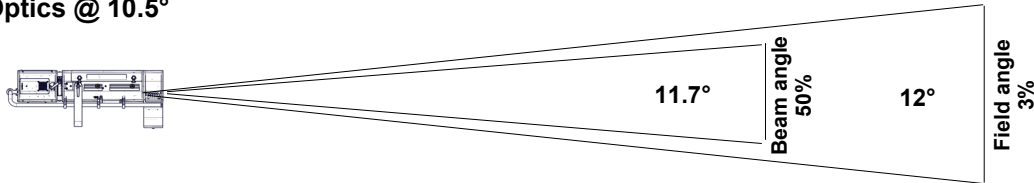
- **Size:** A
- **Material:** Metal
Glass



Photometrics

with SUHD60 V3 NDW (RJ / Osram) source

• Optics @ 10.5°



Beam intensity
234 900 cd

Field lumens
6 180 lm

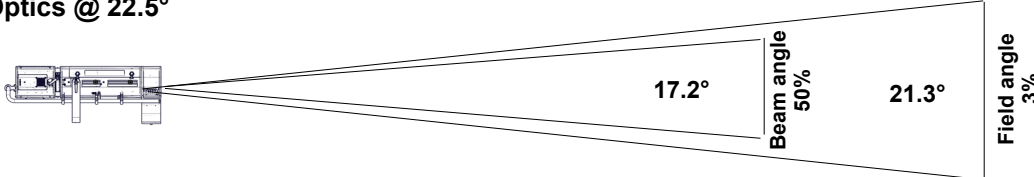
Efficacy
22 lm/W

CCT
5 040 K

CRI
93

Distance	5 m	10 m	15 m	20 m	25 m	30 m
Diameter	1.1 m	2.1 m	3.2 m	4.2 m	5.3 m	6.3 m
Illumination	9 400 lux	2 350 lux	1 050 lux	590 lux	380 lux	270 lux
Distance	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
Diameter	3.2 ft	7.4 ft	10.5 ft	13.7 ft	16.8 ft	21 ft
Illumination	1 050 fc	200 fc	95 fc	60 fc	37 fc	24 fc

• Optics @ 22.5°



Beam intensity
108 200 cd

Field lumens
7 180 lm

Efficacy
25 lm/W

CCT
5 050 K

Distance	5 m	10 m	15 m	20 m	25 m	30 m
Diameter	1.9 m	3.8 m	5.6 m	7.5 m	9.4 m	11.3 m
Illumination	4 350 lux	1 100 lux	490 lux	280 lux	180 lux	130 lux
Distance	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
Diameter	5.6 ft	13.2 ft	18.8 ft	24.4 ft	30.1 ft	37.6 ft
Illumination	490 fc	90 fc	44 fc	26 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

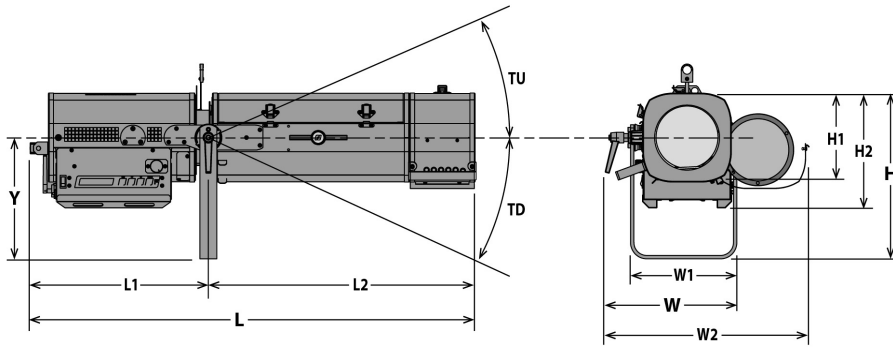
Mode 2 (4 channels)

Dimmer
Dimmer fine
-
Strobe

Mode 3 (5 channels)

Dimmer
Dimmer fine
-
Strobe
Dimmer master

Dimensions and weight



Weight: 20.5 kg (45.1 lbs)

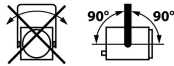
Height	Length	Width	Yoke	Tilt
H= 387 mm (15.2 in)	L= 1045 mm (41.1 in)	W= 321 mm (12.6 in)	Y= 283 mm (11.1 in)	TU= 51°
H1= 208 mm (8.2 in)	L1= 418 mm (16.5 in)	W1= 249 mm (9.8 in)		TD= 65°
H2= 268 mm (10.6 in)	L2= 627 mm (24.7 in)	W2= 490 mm (19.3 in)		

Shipping

- **Weight :** kg (0 lbs)
- **Volume :** .17 m³ (6 ft³)

Installation

- **Minimum distance to illuminated surface:** 0.6 m (1.8 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
- **Protection rating:** 20

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:** 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	1.3 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 - Maximum of 10 units (230 V) / 5 units (120 V)

Warranty

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

Approvals





Acoustics

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












Model

1166-2 NDW	LED 300 W Followspot - 1166-2 NDW Roxie2 - Neutral Daylight White - 10,5/22,5°
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Options

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

Accessories

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