

LEXIE - 1176 CW

ULTRA COMPACT - LED 420 W



- **Type:** Followspot
- **Source:** LED 420 W
- **Optics:** 10.5° to 22.5° zoom
- **Colour temperature:** Cool White

Followspot

Redefining ultra compact performance!

The Lexie LED followspot redefines ultra compact performance, delivering the output of a 1200W HID followspot in a small compact form factor. With the size of a Roxie 2 but the light output of an Oz or Super Korrigan, Lexie is the perfect entry-level solution without compromising on essential features. Lexie is equipped with all the signature functions of Robert Juliat followspots, including a full-closing iris, smooth electronic dimming (local and remote via DMX), and advanced RJ network capabilities such as sACN, ArtNet, node functionality, and a web-based interface. Ideal for venues seeking a high-performance yet cost-effective followspot, Lexie is a powerful addition to any lighting setup.

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
- **Adjustable response time:** choice of fast or slow dimming for tungsten-like simulation - adjustment by DMX protocol
- **Ethernet-DMX node:** data IN through RJ45 connector; data OUT through DMX for daisy chaining
- **Universal data control:** compatible with DMX, RDM, Art-Net, sACN protocols
- **Remote setup:** all parameters can be adjusted by RDM protocol or by web interface
- **Adjustable response time:** choice of fast or slow dimming for tungsten-like simulation
- **PWM adjustment:** choice of different PWM dimming frequencies - continuous mode available
- **Advanced Ethernet node functionalities:** compatible with RDM, LLRP, Zeroconf protocols
- **Local setup:** DMX address and mode, dimming curve and response time through 4-button display with automatic light switch-off
- **Dimming parameters:** choice of square or linear dimming curves
- **DMX:** 8 or 16 bit dimming, response time and strobe function
- **Easy focus reference:** graduated scale on side of the unit; fast and easy refocusing

Optical

- **Long life:** outstanding operational lifetime expectation, no need to replace lamps, low maintenance
- **Coated SX optical system:** double condenser optics for exceptional optical quality - Anti-Reflective coating to ensure optimal light transmission
- **Variable zoom optics:** sharp focus at every beam angle. Independent control of image size and focus.
- **Coated zoom lenses:** all zoom lenses are anti-reflection coated (AR) to ensure a maximum transmission of light.
- **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:** compatible 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
- **3 cooling modes available:** includes a silent mode for perfect integration in concert halls
- **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:1176

DSEN430_1176_CW - 27/01/2026

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

- Lamp type: LED
- Power: 420 W

LED specifications	Power *	Lumen output*	Colour temperature*	Life*	
TCW03	420 W	41 400 lm	6500K	30 000 h	90

(*) manufacturer's data

Optics

Characteristics

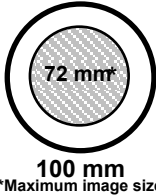
- Type: Zoom
- Range: 10.5° to 22.5° (Field angle)
- Focal length: - mm

Gel filter

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

Gobo

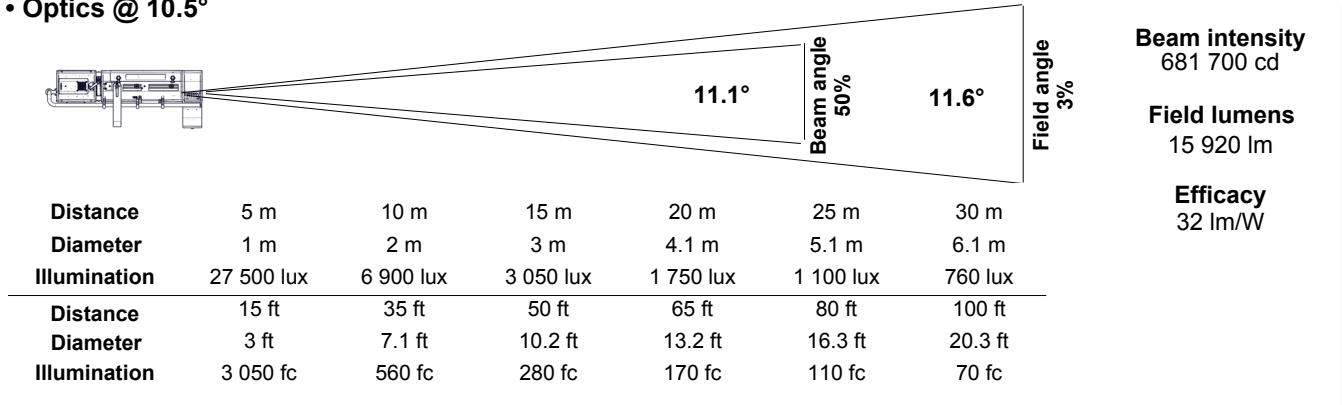
- Size: A
- Material: Metal
Glass



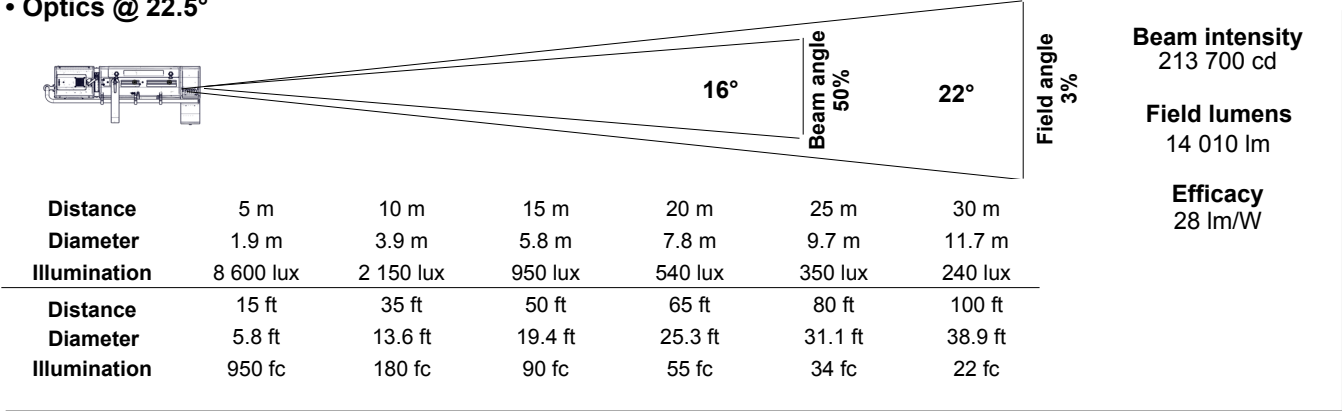
Photometrics (Photometrics report(s) available at the end of the document)

optics: 10,5°-22,5° / Standard

• Optics @ 10.5°



• Optics @ 22.5°



Remote control

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

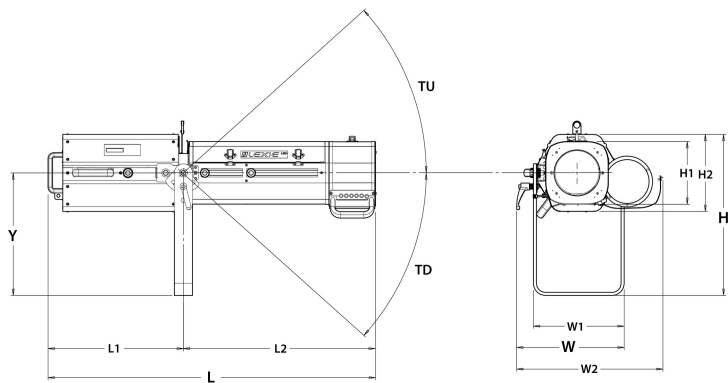
- Data IN connector: 5 pins XLR male + etherCON RJ45
- Data OUT connector 5 pins XLR female



• DMX chart:

Mode 1 (1 channels)	Mode 2 (6 channels)	Mode 3 (8 channels)
Dimmer	Dimmer	Dimmer
	Dimmer fine	Dimmer fine
	Strobe duration	Master dimmer
	Strobe speed	Master dimmer fine
	Response time	Strobe duration
	Control mode	Strobe speed
		Response time
		Control mode

Dimensions and weight



Weight: 24 kg (52.8 lbs)

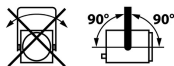
Height	Length	Width	Yoke	Tilt
H= 532 mm (20.9 in)	L= 1083 mm (42.6 in)	W= 356 mm (14 in)	Y= 405 mm (15.9 in)	TD= 68°
H1= 208 mm (8.2 in)	L1= 44 mm (1.7 in)	W1= 300 mm (11.8 in)		
H2= 255 mm (10 in)	L2= 634 mm (25 in)	W2= 484 mm (19.1 in)		

Shipping

- Weight : kg (0 lbs)
- Volume : m³ (0 ft³)

Installation

- Minimum distance to illuminated surface: 1.5 m (4.9 ft)
- Operating position:



Warranty

- Fixture: 3 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: 1 724 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 compatible 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	2.33 A	505 W	0.95
110 V	60 Hz	4.84 A	515 W	0.99
100 V	60 Hz	5.35 A	519 W	0.99

Power Supply Unit

- PSU: Internal - Electronic PSU - Flicker free with PFC
- Control: Local / DMX
- Protection: Mains: 2x 10A 5x20 T fuses /

Model

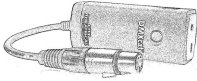
1176 CW	LED 420 W Followspot - 1176 CW Lexie - Cool White - 10.5/22.5°
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Options

PCP1716A	16A blue 2P+E 6h IEC60309 power connector	
FC1176	Flight-case for Large Ultra Compact range / GT stand - Dim: xxxmm - Weight: Kg	

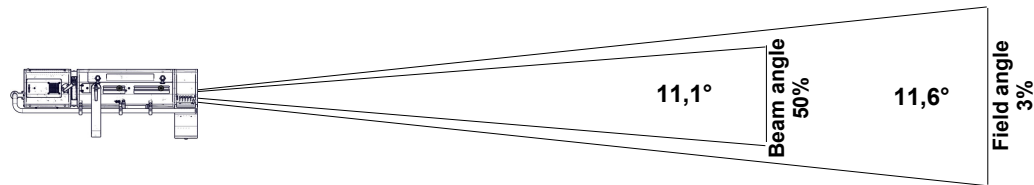
Accessories

IS750	Full closing iris with holder - Weight: 0.35 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	
Fusion/RJ	Madrix Radar (RDM monitoring): Fusion RJ licence - access to all RDM parameters of RJ fixtures 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	
T1000	TV spigot with followspots swivel head - Weight: 1.82 Kg	
T4000	Followspot mount for Ø50mm pipe (suspension or overhead) - SWL= 100 Kg - Weight: 4.88 Kg	
CAV600A	Double slot front cassette for 180x180mm accessories - Weight: 0.43 Kg	
FO120C-1	120x120mm 1° frost optical filter	
FO120C-10	120x120mm 10° frost optical filter	
FO120C-2	120x120mm 2° frost optical filter	
FO120C-5	120x120mm 5° frost optical filter	
		

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	
DMXcat	Bluetooth DMX/RDM Multifunction test tool - City Theatrical DMXcat®	
Fusion/L	Madrix Radar (RDM monitoring): Fusion Large licence - up to 4096 non-RJ RDM fixtures - USB dongle included	
Fusion/M	Madrix Radar (RDM monitoring): Fusion Medium licence - up to 512 non-RJ RDM fixtures - USB dongle included	
Fusion/S	Madrix Radar (RDM monitoring): Fusion Small licence - up to 64 non-RJ RDM fixtures - USB dongle included	
FC1176/S	Flight-case for Large Ultra Compact range / GT stand	
W/GT800	Set of 3 wheels for GT800/1000 stand - Weight: 2.33 Kg	

• Optics @ 10,5°

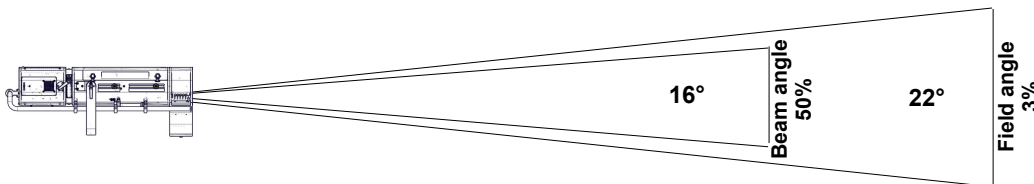
Field lumens	Beam lumens	Efficacy	Beam intensity	CCT	Delta uv
15 920 Lm	15 310 Lm	32 Lm/W	681 700 Cd	6 360 K	-0.0021



Distance	5 m	10 m	15 m	20 m	25 m	30 m
Field diameter	1 m	2 m	3 m	4,1 m	5,1 m	6,1 m
Illumination	27 500 lux	6 900 lux	3 050 lux	1 750 lux	1 100 lux	760 lux
Distance	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
Field diameter	3 ft	7,1 ft	10,2 ft	13,2 ft	16,3 ft	20,3 ft
Illumination	3 050 fc	560 fc	280 fc	170 fc	110 fc	70 fc

• Optics @ 22,5°

Field lumens	Beam lumens	Efficacy	Beam intensity	CCT	Delta uv
14 010 Lm	10 230 Lm	28 Lm/W	213 700 Cd	6 240 K	-0.0024



Distance	5 m	10 m	15 m	20 m	25 m	30 m
Field diameter	1,9 m	3,9 m	5,8 m	7,8 m	9,7 m	11,7 m
Illumination	8 600 lux	2 150 lux	950 lux	540 lux	350 lux	240 lux
Distance	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
Field diameter	5,8 ft	13,6 ft	19,4 ft	25,3 ft	31,1 ft	38,9 ft
Illumination	950 fc	180 fc	90 fc	55 fc	34 fc	22 fc

Material	CRI Points
R _a	94
R ₁	95
R ₂	95
R ₃	93
R ₄	95
R ₅	94
R ₆	90
R ₇	95
R ₈	92
R ₉	77
R ₁₀	87
R ₁₁	94
R ₁₂	73
R ₁₃	96
R ₁₄	96
R ₁₅	96

Country	CQS Points
Q _a	90
Q ₁	91
Q ₂	90
Q ₃	88
Q ₄	91
Q ₅	95
Q ₆	96
Q ₇	94
Q ₈	91
Q ₉	87
Q ₁₀	80
Q ₁₁	80
Q ₁₂	93
Q ₁₃	96
Q ₁₄	97
Q ₁₅	94

Test : CCT = D6284 (-1.0)
TLCI-2012 : 93 (D6284)

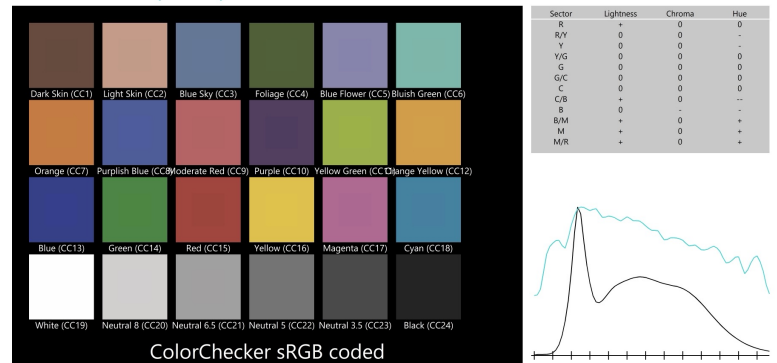
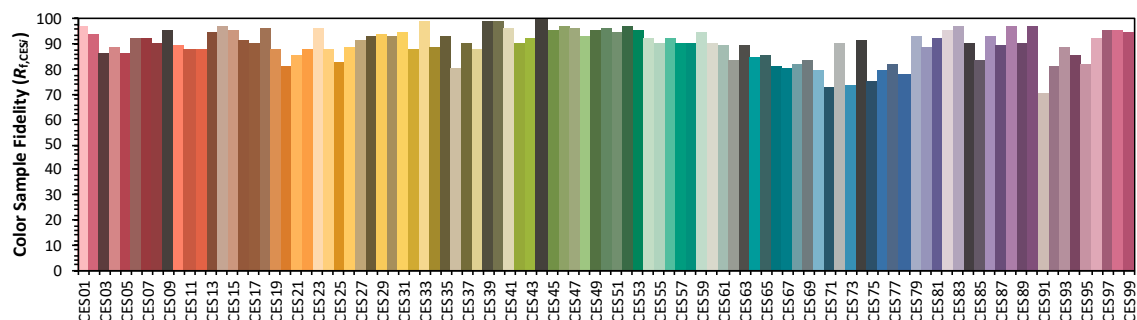
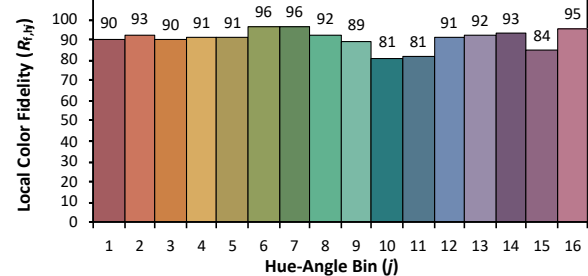
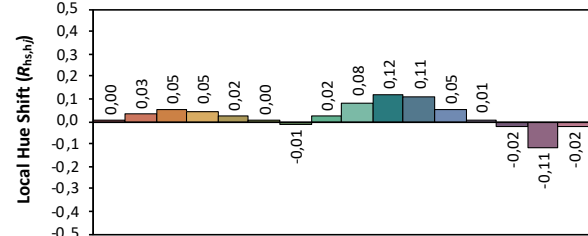
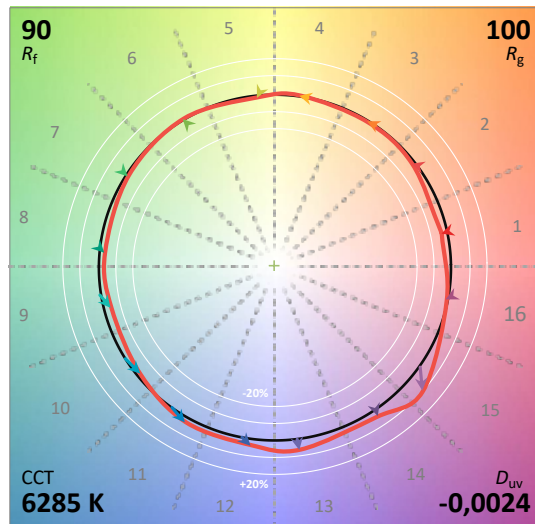
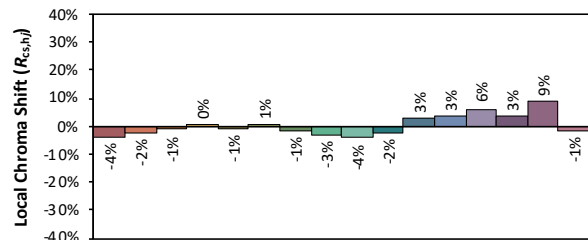


Figure 1 is a line graph titled "Radiant Power (Equal Luminous Flux) vs. Wavelength (nm)". The x-axis represents Wavelength (nm) from 380 to 780, with major ticks every 50 nm. The y-axis represents Radiant Power (Equal Luminous Flux). Two curves are plotted: a black line for "Reference" and a red line for "Test". The Reference curve shows a broad peak around 450 nm. The Test curve shows a sharp peak around 450 nm and a secondary peak around 550 nm.



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