



- **Type:** Followspot
- **Source:** LED 600 W
- **Optics:** 7° to 14.5° zoom
- **Colour temperature:** Cool White
- **Version:** Top control - PTO

## Too bright to ignore !

Oz is proof that Robert Juliat continues to lead the way in followspot design ! The new dynamic long-throw model features an exclusive 600W cool white LED source and is the first professional LED followspot able to deliver a high output comparable with that of 1200W discharge followspots. With its compact dimension, silent operation, smooth electronic dimming, top controls (iris/dimming) and the benefits of no lamp change and powerful output, Oz is the perfect front of house spot for larger venues and full size theatres.

### Features

- **Fully closing iris:** control from the top of the unit; protective backplates for extended lifespan
- **Universal adjustable gobo holder:** "A" size glass and metal gobos
- **Local control:** light intensity adjustment through built-in potentiometer
- **Dimmer control lever on top:** one-handed dim and iris - PTO (Push To Open) model
- **Frost filter:** on flip lever for quick soft-edge beam effect
- **Horizontal chopper (optional):** for masking control in TV studios and wide stages
- **Internal glass filter holder:** long term use of durable coloured, dichroic or textured glass
- **Individually removable colour frame:** gels replaced easily while colour cassette remains in place
- **Colour changer:** 6-way, self-cancelling boomerang colour-changer
- **USB connector:** for connection of additional accessories
- **Adjustable response time:** choice of fast or slow dimming for tungsten-like simulation - adjustment by DMX protocol
- **Universal data control:** compatible with DMX, RDM, Art-Net, sACN protocols
- **Remote setup:** all parameters can be adjusted by RDM protocol
- **Local setup:** DMX address and mode, dimming curve and response time through 4-button display with automatic light switch-off
- **Control:** local and DMX
- **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
- **Adjustable yoke (optional):** for optimum overhead positioning
- **Fine balance:** precision positioning and smooth operation even with the smallest movements
- **Stand:** perfectly weighted for maximum stability with smooth rotation for optimum performance. Easy set up; triple safety system for extra security

### Optical

- **Long life:** outstanding operational lifetime expectation, no need to replace lamps, low maintenance
- **High output:** comparable to 1200W discharge followspots
- **Gobo :** excellent gobo projection
- **Optical quality:** smooth flat beam, no hot spot
- **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:** 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
- **Bodywork:** strong sheet metal construction for durability
- **Ergonomic wrap-around handle:** comfort, safety and practicality from all operating positions
- **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: 1169TC

DSEN358\_1169TC - 03/04/2025

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: 600 W

LED specifications	Power *	Lumen output*	Colour temperature*	Life*	CRI* (min)
LED 600W	600 W	32 500 lm	6000K	20 000 h	91

(\*) manufacturer's data

Optics

Characteristics

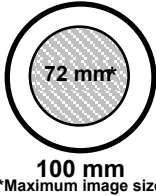
- Type: Zoom
- Range: 7° to 14.5° (Field angle)
- Focal length: 283 - 589 mm

Gel filter

- Shape: Circle
- Standard size: 210 mm (8.3 in)

Gobo

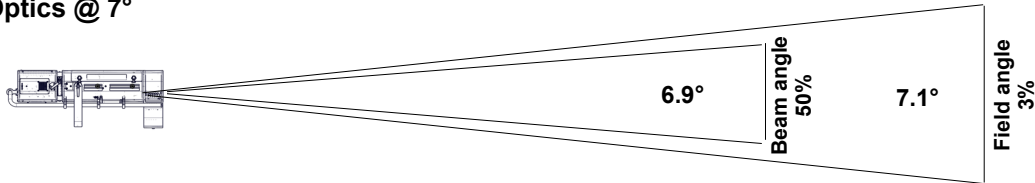
- Size: A
- Material: Metal  
Glass



Photometrics

optics: 7°-14,5° / Standard

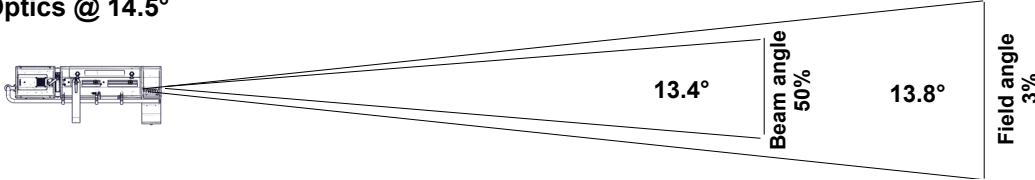
• Optics @ 7°



Beam intensity  
1 375 000 cd  
  
Field lumens  
12 850 lm  
  
Efficacy  
18 lm/W

Distance	15 m	20 m	25 m	30 m	35 m	40 m
Diameter	1.9 m	2.5 m	3.1 m	3.7 m	4.3 m	5 m
Illumination	6 200 lux	3 450 lux	2 250 lux	1 550 lux	1 150 lux	860 lux
Distance	50 ft	65 ft	80 ft	100 ft	115 ft	130 ft
Diameter	6.2 ft	8.1 ft	9.9 ft	12.4 ft	14.3 ft	16.1 ft
Illumination	560 fc	330 fc	220 fc	140 fc	110 fc	85 fc

• Optics @ 14.5°



Beam intensity  
426 500 cd  
  
Field lumens  
15 400 lm  
  
Efficacy  
22 lm/W

Distance	15 m	20 m	25 m	30 m	35 m	40 m
Diameter	3.6 m	4.8 m	6.1 m	7.3 m	8.5 m	9.7 m
Illumination	1 900 lux	1 100 lux	690 lux	480 lux	350 lux	270 lux
Distance	50 ft	65 ft	80 ft	100 ft	115 ft	130 ft
Diameter	12.1 ft	15.7 ft	19.4 ft	24.2 ft	27.8 ft	31.5 ft
Illumination	180 fc	110 fc	70 fc	43 fc	33 fc	26 fc

Remote control

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

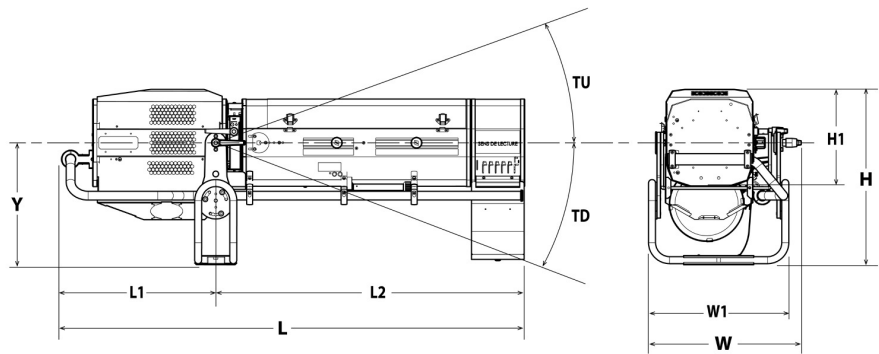
- Data IN connector: 5 pins XLR male + etherCON RJ45
- Data OUT connector 5 pins XLR female



• DMX chart:

Mode 1 (1 channels)	Mode 2 (2 channels)	Mode 3 (5 channels)	Mode 4 (6 channels)	Mode 5 (6 channels)	Mode 6 (8 channels)
Dimmer	Dimmer Dimmer fine	Dimmer Strobe duration Strobe speed Response time Control mode	Dimmer Dimmer fine Strobe duration Strobe speed Response time Control mode	Dimmer Master dimmer Strobe duration Strobe speed Response time Control mode	Dimmer Dimmer fine Master dimmer Master dimmer fine Strobe duration Strobe speed Response time Control mode

Dimensions and weight



Weight: 41 kg (90.2 lbs)

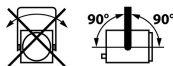
Height	Length	Width	Yoke	Tilt	Option
H= 480 mm (18.9 in) H1= 375 mm (14.8 in)	L= 1321 mm (52 in) L1= 545 mm (21.5 in) L2= 776 mm (30.6 in)	W= 418 mm (16.5 in) W1= 350 mm (13.8 in)	Y= 325 mm (12.8 in)	TU= 35° TD= 45°	TO= 65°

Shipping

- Weight : 55 kg (121 lbs)
- Volume : .39 m³ (13.62 ft³)

Installation

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



Construction

- **Housing:** Steel sheet - Aluminium
- **Colour:** Black
- **Cooling:** Variable fans
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc):** 65°C (149°F)
- **Total heat dissipation:** 2 184 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 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	2.8 A	640 W	0.99
120 V	60 Hz	5.5 A	649 W	0.99
100 V	60 Hz	6.7 A	655 W	0.99

Power Supply Unit

- **PSU:** Internal - Electronic PSU - Flicker free with PFC
- **Control:** Local / DMX
- **Protection:** Mains: 10A 1P1D breaker - UL /
- **Power thru:** compatible powerCON® TRUE1 - Maximum of 5 units (230 V) / 2 units (120 V)

Warranty

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

Acoustics

- Noise level: < 39,9 dB(A)







Approvals







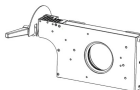





## Model















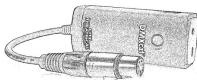



<b>1169TC</b>	LED 600 W Followspot - 1169TC Oz - Cool White - 7/14.5° - Top Control PTO
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## Options

<b>PCP1716A</b>	16A blue 2P+E 6h IEC60309 power connector	
<b>FRO/SMEPV</b>	Heavy duty adjustable yoke equipped with TILT SpotMe sensor (E type)	
<b>FRO/1117PV</b>	Heavy duty adjustable yoke	
<b>M210TM</b>	6 ways "push/pull" colour changer	
<b>CAV700P1</b>	Double slot front cassette for 215x215mm accessories (instead of "boomerang" colour changer)	
<b>CAG/CL</b>	Left side controls option for Oz & Alice (Iris/Dimmer/Frost/Colour changer/Display)	
<b>FC1169</b>	Flight-case for Oz & Alice / GT stand / accessories - Dim: 1340x710x700mm - Weight: 55 Kg	

## Accessories

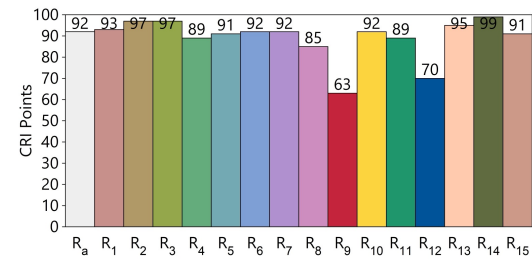
<b>PF1011</b>	Ø210 mm metal filter holder <b>6 included</b>	
<b>SGUP2</b>	Universal "A" size gobo-holder (metal, glass, frosted glass) <b>1 included</b>	
<b>VDM100</b>	Ø97mm frosted glass with holder <b>1 included</b>	
<b>M210B</b>	6 ways "boomerang" colour changer - Weight: 3.36 Kg <b>1 included</b>	
<b>CCU1SM</b>	Full closing iris cassette with position sensor for SpotMe system - Ø72mm	
<b>GT4000</b>	Tripod stand with safety chain - SWL: 130 Kg - max. height: 1030 mm - Weight: 7.91 Kg	
<b>GT4000RSM</b>	Tripod stand with ball head rotation with security chain and SpotMe PAN sensor - SWL: 130 Kg - max. height: 1030 mm	
<b>GT4000S</b>	Tripod stand without safety chain - SWL: 130 Kg - max. height: 1030 mm - Weight: 8.65 Kg	
<b>JPP</b>	Monopod stand for overhead followspot - Weight: 3.6 Kg	
		

<b>T1000</b>	TV spigot with followspots swivel head - Weight: 1.82 Kg	
<b>T4000</b>	Followspot mount for Ø50mm pipe (suspension or overhead) - SWL= 100 Kg - Weight: 4.88 Kg	
<b>T4000RSM</b>	Followspot mount with ball head rotation and SpotMe PAN sensor - SWL = 100 Kg - Weight: 8.53 Kg	
<b>CAV700A</b>	Double slot front cassette for 215x215mm accessories - Weight: 0.52 Kg	
<b>FCM100R</b>	Ø97mm 1/2 CTO correction filter (Rosco #3408) with holder	
<b>VD120</b>	120x120mm frosted glass	
<b>FRO/1017PD</b>	Heavy duty adjustable yoke - Weight: 4.33 Kg	
<b>FRO/SMEPD</b>	Heavy duty adjustable yoke equipped with TILT SpotMe sensor (E type)	
<b>M210T</b>	6 ways "push/pull" colour changer - Weight: 3.67 Kg	
<b>M210TVCL</b>	Light shield for M210T push/pull colour changer - Weight: 1.98 Kg	
<b>BK/E1</b>	Extra weight kit for BK1 (0,5 Kg) - Weight: 0.5 Kg	
<b>BK1</b>	Followspot balancing kit (including 1 Kg counterweights) - Weight: 2.05 Kg	
<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>TCSM</b>	SpotMe calibration tool kit	
<b>DMXcat</b>	Bluetooth DMX/RDM Multifunction test tool - City Theatrical DMXcat®	
<b>Maestro</b>	Maestro server for SpotMe - rackable unit: 1U - half 19" - Weight: 1.2 Kg	
<b>SMS</b>	SpotMe server + 2 sensor cables + flight case	
<b>FC1169/S</b>	Flight-case for Oz & Alice / GT stand / accessories - Weight: 55 Kg	



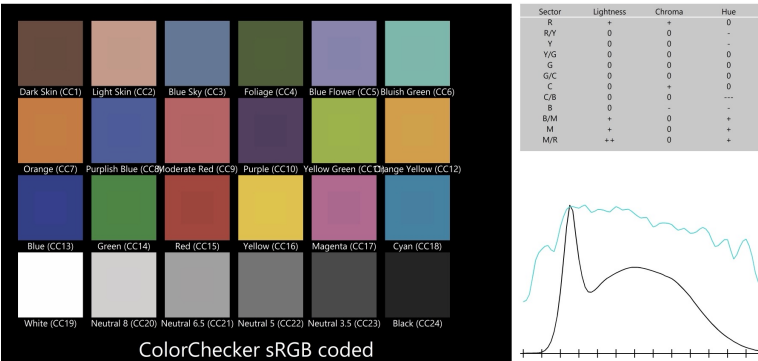
CCT	DeltaUV	CRI Ra	CRI R9	CQS Qa	TM30-18 Rf	TM30-18 Rg	TLCI
5 760K	0.0003	92	63	89	89	96	90

CRI - CIE Colour Rendering Index

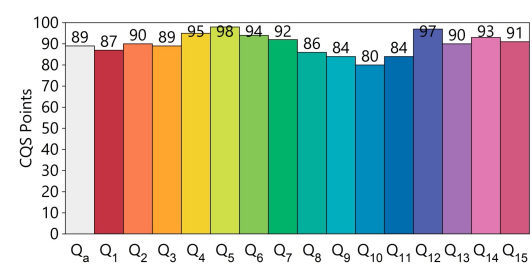


TLCI - Television Lighting Consistency Index

Test : CCT = D5759 (-0.5)  
TLCI-2012 : 90 (D5759)



CQS - NIST Colour Quality Scale



ANSI/IES TM-30-18 Colour Rendition Report

