



ROBERT JULIAT

PRODUCT GUIDE

September 2017 Edition



**UNCOMPROMISING QUALITY
SINCE 1919**



Optical excellence

Build Quality

Ergonomic Perfection

Customer Care

Value for Money

Ease of Maintenance

Environmental Consciousness

Made in France since 1919

Robert Juliat is a three generation, independent, family-run company, and the oldest manufacturer, still in existence, of high quality lighting equipment for theatres, opera houses, events, TV and architectural applications.

Robert Juliat is the first name in PCs, Fresnels, profile spots and followspots. We are recognised for outstanding quality, ergonomic perfection, and both optical and mechanical excellence.

Throughout our long history of creating breakthrough products, we have kept in mind not only the lighting designers, but also the technicians who work with our luminaires, combining their views with our passion for lighting to produce the finest lanterns in the world.

Over 9000m² of R&D, production-line and offices are located in a small, quiet village 50 km north of Paris, from where our products are distributed through our worldwide network of exclusive partners.

SINGLE LENS LUMINAIRES

TIBO 535 LED

Extremely compact, TIBO Fresnel is the ideal LED solution for wash light, back and side lighting. Available in warm, neutral, cool and variable white.

| Source | | Lens Ø | Model |
|--------|-----|-------------|-------|
| LED | 75W | 130 mm / 5" | 535 |

ZEP 340LF | 360LF LED

With its high output LED source, its 200 mm Fresnel lens and its great beam quality, ZEP fixtures give a very powerful wash effect. Presenting an exceptional even and variable beam angle, these LED Fresnels can also be used for a fill lighting in TV studios. Beam shaping can be achieved with great precision by the addition of RJ's unique, individually rotatable barndoors.

The versatility offered by the choice of colour temperatures (warm, neutral daylight, cool or variable white) makes the ZEP Fresnel perfect for studios, theatres, and events, as well as architectural applications.

| Source | | Lens Ø | Model |
|--------|------|-------------|-------|
| LED | 150W | 200 mm / 8" | 340LF |
| | 300W | 200 mm / 8" | 360LF |



TIBO 535



340LF / 360LF

The single lens range in brief :

- Choice of 3 types of lenses (depending on model): Plano-Convex, Pebble-Convex or Fresnel lenses
- Theatre style double front slot for accessories without light spill
- Focus adjustment: smooth-running lamp adjustment even when fixture is hot
- Barn door: unique rotating barn door with individually rotating blades makes even the most difficult angle possible

306, 310 & 329 TUNGSTEN

From the smallest to the largest, we have a tungsten solution for every venue. These units offer 3 different lamp wattages and each are available with a choice of 3 lenses: Plano-Convex, Pebble-Convex or Fresnel.

- Lutin (306) is a multi-purpose 1K fixture with a host of unique design features – including a choice of 3 quick-change lenses – making it the most versatile and economical unit of quality on the market. It can be used as a Fresnel for coverage, a Pebble for soft light and a PC for directional light.
- The 310 has no equivalent on the market for light output and quality of beam. It is unique in being the only 1K theatre lens with a 200 mm (8") lens.
- The 329's G22 socket guarantees reliability and enables the use of 2000W and 2500W lamps, ideal for medium to large venues.

| Source | | Range | Lens Ø | LENS | | |
|-----------|------------|-------|-------------|--------------|---------------|---------|
| | | | | Plano-convex | Pebble-convex | Fresnel |
| Tungsten* | 1000W | 306L | 150 mm / 6" | 306LPC | 306LPB | 306LF |
| | 1000/1200W | 310H | 200 mm / 8" | 310HPC | 310HPB | 310HF |
| | 2000/2500W | 329H | 200 mm / 8" | 329HPC | 329HPB | 329HF |

(*) Interchangeable lens

CIN'K

When more power is needed (for example in large theatres and studios or for films and rental houses), the Cin'k is the ideal Fresnel choice. Its unique modular system of interchangeable lamp bases means the Cin'k can accept discharge or tungsten lamps from 1200W to 5000W.

The Cin'k can be equipped with the Jalousie 2 accessory (high resolution, DMX-operated, digital motorised shutter for discharge fixtures which cannot be electronically dimmed) - two aperture sizes available (Ø280 mm & Ø340 mm).

| Source | Lens Ø | Cooling fan for colour cassette | |
|-----------------|------------|---------------------------------|--------|
| | | Without | With |
| Tungsten | 2000/2500W | 325LF | |
| | 5000W | 350LF | 350LFV |
| Discharge (HID) | 1200W CS | 312LF | |
| | 2500W HR | | 326LFV |

CS = Cold Strike / HR= Hot Restrike



CIN'K



306



310



329



326LFV

PROFILE SPOTS

SX RANGE

LED

(ZEP 640SX | 660SX)

The most versatile, cost-effective and safe LED fixture on the market, ZEP retains all the features and functions of a Robert Juliat profile lantern to perfectly meet the needs of all who wish to reduce their carbon foot print while maintaining their quality of projection. These profiles are available in 150W and 300W, with a choice of colour temperatures (warm, neutral daylight, cool or variable white).

TUNGSTEN

(600 SERIES, 700 SERIES)

Offering a comprehensive zoom range covering all angles from the very wide needed for smaller venues and short throw applications, to the very narrow for the long throw in large scale venues, our profiles also offer a choice of 1 kW, 1.2 kW, 2 kW or 2.5 kW lamps.

ARCHITECTURAL

(QUINCY)

Quincy's 2000 hour 575W MSD lamp means less maintenance and lower energy costs. The perfect solution for projecting images on surfaces.

DISCHARGE

(D'ARTAGNAN)

A combination of outstanding power and high colour temperature with an integrated DMX-controlled motorised shutter for perfect dimming from 0% to 100%. A must-have for large venues including opera houses and big spectaculars.



714SX2

The SX range in brief :

- Double condenser optics for best optical quality
- Factory set lamp for uniform beam on all profile spots of same type
- Variable zoom optics for sharp focus at every beam angle
- 'A' size metal and glass gobos
- Up to 8 shutters; removable for easy maintenance
- Shutter locking mechanism
- 90° rotating barrel for accurate gobo & shutter alignment and cuts
- Internal slot for colour correction and frosted glass
- Easy access to all parts and lenses for rapid maintenance

TIBO RANGE

(LED, TUNGSTEN, HID)

TIBO is the most compact range of Robert Juliat profiles and allows two different zoom ranges in one single unit – from 15/35° to 30/45°. This extreme versatility means there is no need to purchase multiple lens tubes, or different fixtures, thereby saving money and storage space.



TIBO 500

The TIBO range in brief :

- Die-cast aluminium bodywork
- Two different zoom ranges in one single unit – from 15/35° to 30/45° (easily removable lens)
- 360° rotating lens tube
- High quality beam and precise gobo projection
- LED, tungsten and HID
- Captive knobs and handles
- User-friendly shutter-lock system
- Easy access to inner zoom for easy cleaning and maintenance

| | Source | Range | ZOOM | | | |
|-----------------|------------|------------|------------------|------------------|------------------|-----------------|
| | | | Wide | Middle | Narrow | Very Narrow |
| LED | 75W | TIBO 533 | 15/45° | | | |
| | 150W | ZEP | 643SX 28/54° | 644SX 16/35° | 641SX 11/26° | |
| | 300W | ZEP | 663SX 28/54° | 664SX 16/35° | 661SX 11/26° | |
| Tungsten | 300/500W | TIBO 503 | 15/45° | | | |
| | 1000/1200W | 600SX | 613SX 28/54° | 614SX 16/35° | 611SX 11/26° | |
| | 2000/2500W | 700SX2 | 713SX2 29/50° | 714SX2 15/40° | 710SX2 10/25° | 711SX2 8/16° |
| Discharge (HID) | 250W | TIBO 523 | 15/45° | | | |
| | 575W HR | QUINCY | 423SX 28/54° | 424SX 16/35° | 421SX 11/26° | |
| | 2500W HR | D'ARTAGNAN | 933SNX 29/50° | 934SNX 16/38° | 930SNX 10/25° | |

HR= Hot Restrike



613SX



713SX2



424SX



934SNX



664SX

FOLLOWSPOTS

ULTRA COMPACT RANGE

With their ultra compact dimensions and low power consumption, these followspots are economical, easy to use and can fit into the smallest of spaces. This makes them ideal for small venues like schools, cabarets, and small theatres.

Part of this range is a new LED model named Roxie. Of similar dimensions and output to a 575W HID followspot, this 300W LED model has been developed for the schools and small venue market. Available in 3 colour temperatures.

COMPACT RANGE

A high quality output in a remarkably compact package. The range is available with different lamp options, each in a short or long throw version. This enables the range to meet any individual need and makes them ideal for both touring and static usage in all medium to large venues.

The compact range also includes two new powerful 600W LED models, Oz and Alice, delivering a high output comparable with that of 1200W discharge followspots. Oz is the perfect front of house spot for LED applications and Alice's compact dimensions and powerful throw make it the ideal truss spot.

GRAND RANGE

When staging operas, rock concerts and large spectaculars, you need a followspot that is reliable, powerful and versatile. The Robert Juliat Grand Range spots are robust and accurate enough for any job in any opera house, arena or stadium worldwide.

Lancelot also presents a modular system for colour mixing (Chromix), for gobo projection and for dimming, all controlled by DMX, and has no equivalent in terms of its power-to-output on the market.

LED OZ & ALICE

NEW



ALICE 1469



OZ 1169

| | Source | Magnetic ballast | Electronic ballast | DMX dimming | Ultra compact range | Compact range | | Grand range |
|-----------------|----------|------------------|--------------------|-------------|--------------------------|--------------------|-----------------------------|--------------------------------------|
| | | | | | | Wide | Narrow | |
| LED | 300W | | ● | ● | 1166 Roxie 11/20° | | | |
| | 600W | | ● | ● | | 1469 Alice 13/24° | 1169 Oz 7/14.5° | |
| Tungsten | 1000W | | ● | | 1116B Cricket 10.5/22.5° | | | |
| | 2000W | | | | | 1417 Ginger 13/24° | 1117 Alex 7/14.5° | |
| Discharge (HID) | 575W HR | | ● | | 1124D Buxie 10.5/22.5° | | | |
| | 1200W CS | ● | | | | 1419 Manon 13/24° | 1119 Topaze 7/14.5° | |
| | 1200W HR | ● | | ○ | | 1449 Lucy 13/24° | 1149 Super Korrigan 7/14.5° | |
| | 1800W HR | | ● | ○ | | 1459 Flo 13/24° | 1159 Victor 7/14.5° | |
| | 2500W HR | ● | ● | ○ | | | | 1013+ Aramis 4.5/8° 1015 Cyrano 3/8° |
| | 4000W HR | ● | ● | ○ | | | | 1021 Lancelot 2/5° |

CS = Cold Strike / HR = Hot Restrike

● = Included / ○ = Optional

The followspot range in brief :

- Condenser optics system for maximum light output and perfectly even beam (no hot spot)
- Variable zoom optics for sharp focus at every beam angle
- Factory set lamp for uniform beam on all followspots of same type
- Fully closing iris cassette, removable for fast, easy replacement
- Gobo holder for standard size gobos
- Smooth mechanical dimmer with ergonomic control
- DMX dimmer shutter control for fade synchronisation*
- 6-way colour changer: automatic self-cancelling boomerang or push-pull systems for simultaneous use of multiple filters*
- Ergonomic wraparound handle and fine balance for steady positioning and smooth operation
- Easy access to removable components and lenses for easy maintenance

(*) depending on model



ROXIE



SUPER KORRIGAN



VICTOR



CYRANO



LANCELOT

FOLLOWSPOTS

TOURING RANGE

The touring machine for rental houses

Mixing a stainless steel housing with strong aluminium framework, Merlin features a revolutionary and rock-solid design, perfect for touring events and rental companies.

- **The 3000W effect**

With an HMI lamp and a 16A power connection, Merlin combines a power consumption of 2500W and a mighty light output equivalent to a 3000W Xenon source.

- **Exclusive zoom with a 4:1 ratio**

Ranging from 3° to 12°, Merlin is a versatile throw followspot offering the widest choice of ranges in one single unit.

- **Ergonomic perfection and optical excellence**

Smooth dimmer shutter retaining flat beam and colour temperature, fully closing iris cassette, 6-way 'boomerang' colour changer.

- **Onboard electronic PSU**

Integrated flicker-free electronic power supply unit. Plug and play installation.

- **RJ Eco Mode**

A key feature that makes Merlin an energy-efficient and sustainable followspot. The RJ Eco Mode enables a reduction of power consumption when the followspot is in stand-by mode.

- **Fade to Black DMX additional dimmer module**

Accessory for optimum control direct from the console.

- **RJ Diagnostics System**

The RJ Diagnostics System ensures optimum operation capacities, providing a wide pallet of feedback information locally and remotely.

- **Easy connectivity**

RDM and wireless DMX.

MERLIN



MERLIN 1515

TRACK YOUR SPOT !

NEW

SPOTME

SpotMe exclusive 3-D tracking system opens up new creative dimensions to designers.

SpotMe is a sensor system that turns Robert Juliat followspots into an innovative solution to give the position of performers on stage, without the need of emitters and/or cameras. With an easy and fast setup, SpotMe system consists of sensors installed on the followspot and a server which communicates all position and beam size parameters to the lighting console. The X, Y, Z positions are transmitted to the console by PosiStageNet (PSN) protocol*. The iris size is also sent by sACN protocol providing information on the target. All parameters are used by the console to control any automated or static lights.

Any moving lights can then also turn into a followspot at any time of the show.

(*) More information available at www.posistage.net

DIMMERS

TIVOLI

This compact wall-mounted cabinet, available in 12x25A, 12x16A+6x25A and 24x16A configurations, can be connected on internal breakers or through front panel sockets.

DIGITOUR

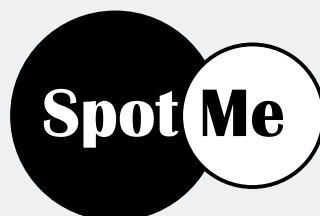
A compact and portable package, Digitour can be free-standing or rigged by means of an optional hanging yoke, and is available in 6 x 16A or 3 x 25A configurations.

- Oversized components - all channels can run at full power at all times
- High-resolution 7,500-step smoothing feature in each model
- Software common to all products making Tivoli and Digitour are fully compatible with each other
- Architectural lighting: internal memories and sequences*

(*) depending on model



MERLIN



TIVOLI



DIGITOUR

AMBIANCE LIGHTING

THE DALIS FAMILY

The Dalis range is a dazzling new addition to Robert Juliat's LED portfolio. All models share the same exclusive patented optical system made of a combination of micro optical asymmetric reflectors offering a perfect even spread of light. Depending on the space requirement and application, Dalis family offers different variations to provide the exact optimum solution.

DALIS 860 | CYCLIGHT | LED 300W

Dalis 860 is an asymmetrical 300W LED cyclorama/wall wash luminaire designed to deliver powerful, smooth coverage and a huge variety of pastel and saturated colours. Dalis 860 features an 8-colour mixing LED system (red, green, blue, royal blue, amber, cyan, warm white 2200K and cool white 6500K), spreading the light evenly across vertical surfaces.



DALIS 860

DALIS 861 | WASHLIGHT | LED 150W

Dalis 861 is the perfect wash complement to the Dalis range and the ideal solution for side lighting, offering a very wide opening and a perfect even coverage. Dalis washlight shares the same qualities of control, colour mixing, coverage and silent operation as Dalis 860 cyclight. Its rectangular format integrates 24 asymmetrical microreflectors arranged in four rows.



DALIS 861

DALIS 862 | FOOTLIGHT | LED 150W

Dalis 862 is all about innovation when it comes to front-edge stage lighting. Dalis Footlight offers a true tunable white from 2200 to 6500K and is available in two different formats. Dalis 862 is the original 1m model incorporating 48 asymmetric reflectors, and Dalis 862S is a new shortened variant at 50cm in length. All reflectors are arranged in a double row. Each row can be controlled independently, giving Dalis Footlight the ability to carefully manage upstage and downstage lighting. The batten is black and inconspicuous from the audience viewpoint. All controls and connections are located under the unit to maintain clean sight lines. It also integrates 'mark' LEDs (4 with Dalis 862 and 2 with Dalis 862S) which can be used as position markers or cue lights for the performers on stage, and also as safety indicators to mark the edge of the stage.



DALIS 862S
500 mm (19,7 in)

DALIS 862
1000 mm (39,4 in)

The Dalis range in brief :

- Extruded aluminium housing
- Patented micro optical asymmetric reflectors
- No clipping or cut-out below 20%, high quality smoothing
- Fanless system for silent operation
- Power and data daisy chain
- Compatible with DMX / RDM / Art-Net / sACN

CONVENTIONAL CYCLIGHT

HORUS

Horus is a 625/1000/1250W tungsten cyclight. This fixture enables rapid gel changing, from top or bottom, without disturbing the fixture's settings. Access to the lamp is secured by two safety cut-out switches. Unlike many alternative products, there is no light spill. The unique RJ handle gives optimum grip during focusing and is designed for easy access to the power cable connector. Cable changing can now be done in seconds.



HORUS



© Stefan Woinke

DALIS

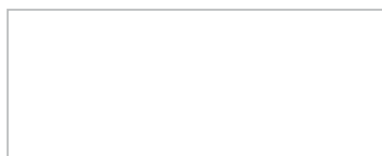


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PARIS COMÉDIE FRANÇAISE THEATRE - OSLO OPERA HOUSE - MACAU AND LAS VEGAS CASINOS - ATHENS AND BEIJING OLYMPIC GAMES - PARIS PALAIS GARNIER OPERA HOUSE - ENGLISH NATIONAL OPERA - LAS VEGAS COLOSSEUM - SKK YEREVAN, ARMENIA - LISBON SAN CARLOS NATIONAL THEATRE, PORTUGAL - MACAU ARTS CENTRE - SOLOTECH - BERLIN STAATSOBER, GERMANY - TORONTO CANADIAN OPERA COMPANY, CANADA - PRETORIA STATE THEATRE, SOUTH AFRICA - ROYAL SHAKESPEARE COMPANY - KOREA NATIONAL UNIVERSITY OF ARTS - CARTHAGINA THEATRE FESTIVAL, TUNISIA - UNIVERSITY OF CALIFORNIA LOS ANGELES (UCLA) - BMW WORLD, GERMANY - PARIS NOTRE-DAME CATHEDRAL - ISTANBUL AKM OPERA AND BALLET HOUSE, TURKEY - EL NACIONAL OPERA HOUSE OF BUENOS AIRES, ARGENTINA - SAINT-PETERSBURG KIROV-MARIINSKY BALLET AND OPERA - STAGING CONNECTIONS - RTL TV GROUP - HANOI NATIONAL CONVENTION CENTRE, VIETNAM - BANGKOK SIAM PARAGON, THAILAND - DURBAN PLAYHOUSE, SOUTH AFRICA - TEATRO REAL, MADRID - PLACE DES ARTS, MONTREAL - ZAGREB YOUTH THEATRE, CROATIA - WORLD TRADE CENTRE, BAHREIN - PALACIO DE BELLAS ARTES, MEXICO - THEATRE DE LA MONNAIE, BRUSSELS - EUROPEAN PARLIAMENT, BRUSSELS - SOTCHI OLYMPIC GAMES - ZORLU CENTER, TURKEY - LANXESS ARENA, GERMANY - WALT DISNEY THEME PARKS - LONDON O2 DOME, UK - THE QUEEN'S DIAMOND JUBILEE CONCERT, UK - PARIS MOULIN ROUGE CABARET, FRANCE

**All Robert Juliat corporate and technical documentations
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Photos : Valencia Opera House - National Centre for the Performing Arts, Beijing - Sydney Opera House - Esplanade Performance Center, Singapore - Bastille Opera House - Oriental Art Center, Shanghai - Copenhagen Opera House - Washington Kennedy Center - London Royal Albert Hall

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