

# VICTOR - 1159

COMPACT - 1800 W MSR



- **Type:** Followspot
- **Source:** 1800 W MSR
- **PSU:** Electronic - hot restrike
- **Optics:** 7° to 14.5° zoom

Followspot

## Compact but so powerful

With a combination of compact dimensions, high output to rival 2500 W followspots and a hot restrike lamp and electronic PSU, Victor is perfect for rental companies. It has become the new benchmark followspot for large theatres, TV studios, fashion shows, concerts and touring.

### Features

- **Fully closing iris cassette:** removable for fast, easy replacement; protective backplate for extended lifespan
- **Universal adjustable gobo holder:** "A" size glass and metal gobos
- **Ergonomic dimmer control:** one-handed dim, pan and tilt. Dimmer control can be adjusted to suit the operator's preference
- **Smooth dimmer shutter:** retains flat beam and colour temperature when dimming
- **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
- **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

- **Factory set optical train:** travels safely within followspot and requires no time-consuming realignment on arrival. Uniform beam on all followspots of same type
- **SX optical system:** double condenser optics for exceptional optical quality
- **Gobo :** excellent gobo projection
- **Variable zoom optics:** sharp focus at every beam angle. Independent control of image size and focus.

### Construction

- **Made in France :** fully manufactured in Robert Juliat premises retaining complete control over all aspects of quality
- **Separate PSU:** compact for easy handling and rapid maintenance
- **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, re-lamping and maintenance
- **Removable assemblies:** fast-plug cable connectors and complete component assemblies (mirror, condenser set and lamp house assembly) save maintenance and cleaning time
- **Safety:** safety switch for secure access to the lamp

Picture:1159

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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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ROBERT JULIAT

## Source



- **Lamp type:** Discharge
- **Power:** 1800 W
- **Socket:** SFc 15.5-6
- **Hot re-strike:** yes

| Admissible lamps       | Power * | Lumen output* | Colour temperature* | Life* | CRI* (min) |
|------------------------|---------|---------------|---------------------|-------|------------|
| MSR 1800W DE (Philips) | 1 800 W | 145 000 lm    | 6000K               | 750 h | 85         |
| KHD 1800W HR/DE (KLS)  | 1 800 W | 155 000 lm    | 6000K               | 750 h | 90         |

(\*) manufacturer's data

## Optics

### Characteristics

- **Type:** Zoom
- **Beam range:** 7° to 14.5°
- **Focal length:** 283 - 589 mm

### Gel filter

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

### Gobo

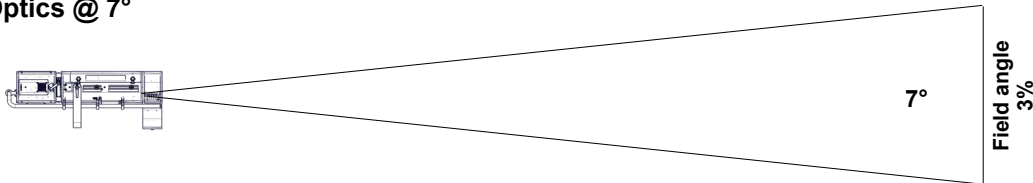
- **Size:** A
- **Material:** Metal  
Glass



## Photometrics

with MSR 1800W DE (Philips) source

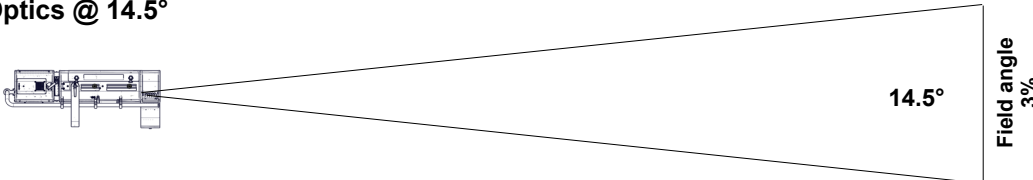
### • Optics @ 7°



**Beam intensity**  
2 300 000 cd

|                     |           |           |           |         |         |         |
|---------------------|-----------|-----------|-----------|---------|---------|---------|
| <b>Distance</b>     | 20 m      | 30 m      | 40 m      | 50 m    | 60 m    | 70 m    |
| <b>Diameter</b>     | 2.4 m     | 3.7 m     | 4.9 m     | 6.1 m   | 7.3 m   | 8.6 m   |
| <b>Illumination</b> | 5 800 lux | 2 600 lux | 1 450 lux | 930 lux | 640 lux | 470 lux |
| <b>Distance</b>     | 65 ft     | 100 ft    | 130 ft    | 165 ft  | 195 ft  | 230 ft  |
| <b>Diameter</b>     | 8 ft      | 12.2 ft   | 15.9 ft   | 20.2 ft | 23.9 ft | 28.1 ft |
| <b>Illumination</b> | 550 fc    | 240 fc    | 140 fc    | 85 fc   | 65 fc   | 44 fc   |

### • Optics @ 14.5°

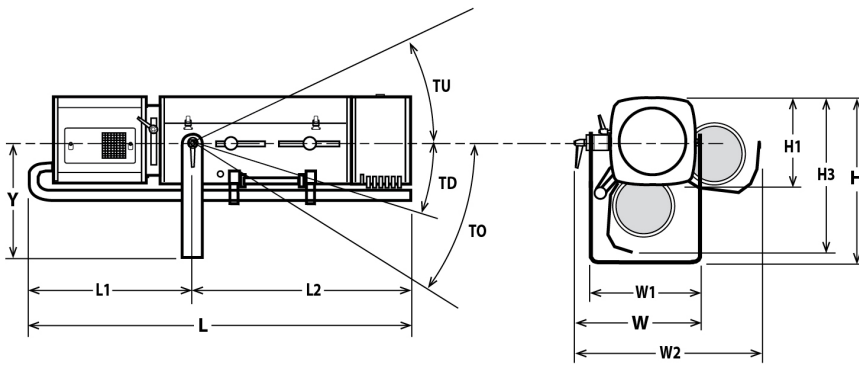


**Beam intensity**  
765 000 cd

|                     |           |         |         |         |         |         |
|---------------------|-----------|---------|---------|---------|---------|---------|
| <b>Distance</b>     | 20 m      | 30 m    | 40 m    | 50 m    | 60 m    | 70 m    |
| <b>Diameter</b>     | 5.1 m     | 7.6 m   | 10.2 m  | 12.7 m  | 15.3 m  | 17.8 m  |
| <b>Illumination</b> | 1 950 lux | 860 lux | 480 lux | 310 lux | 220 lux | 160 lux |
| <b>Distance</b>     | 65 ft     | 100 ft  | 130 ft  | 165 ft  | 195 ft  | 230 ft  |
| <b>Diameter</b>     | 16.5 ft   | 25.4 ft | 33.1 ft | 42 ft   | 49.6 ft | 58.5 ft |
| <b>Illumination</b> | 190 fc    | 80 fc   | 46 fc   | 29 fc   | 21 fc   | 15 fc   |

## Dimensions and weight

### Unit



**Weight:** 33 kg (72.6 lbs)

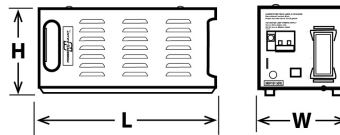
| Height               | Length               | Width                | Yoke                | Tilt    | Option  |
|----------------------|----------------------|----------------------|---------------------|---------|---------|
| H= 450 mm (17.7 in)  | L= 1260 mm (49.6 in) | W= 410 mm (16.1 in)  | Y= 325 mm (12.8 in) | TU= 45° | TO= 65° |
| H1= 250 mm (9.8 in)  | L1= 580 mm (22.8 in) | W1= 350 mm (13.8 in) |                     | TD= 40° |         |
| H3= 460 mm (18.1 in) | L2= 680 mm (26.8 in) | W2= 570 mm (22.4 in) |                     |         |         |

### Shipping

• **Weight:** 82 kg (180.4 lbs)

• **Volume:** .58 m<sup>3</sup> (20.48 ft<sup>3</sup>)

### PSU



**Width:** W= 185 mm (7.3 in)

**Height:** H= 200 mm (7.9 in)

**Length:** L= 590 mm (23.2 in)

**Weight:** 13.2 Kg (29 lbs)

### Installation

• **Minimum distance to illuminated surface:** 3.5 m (11.5 ft)

• **Operating position:**



### Warranty

• **Fixture: 2 years**

See General Sales Condition on website

### Approvals



### Construction

- **Housing:** Steel sheet - Aluminium
- **Colour:** Black
- **Cooling:** Low noise fan
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc):** 230°C (446°F)
- **Total heat dissipation:** 6 963 BTU/h
- **Ingress Protection (IP) rating:** IP20

- **PSU housing:** Steel sheet - Aluminium
- **PSU colour:** Black
- **PSU cooling:** Fans
- **PSU maximum ambient temperature (Ta):** 40°C (104°F)
- **PSU maximum case temperature (Tc):** 50°C (122°F)

### 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

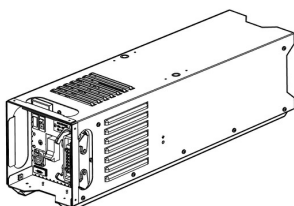


- **Type:** removable power cord with Neutrik PowerCon® (ref. NAC3FCA) connector (included)
- **Cable:** H07RNF 3G1.5
- **Length:** 3 m (9.8 ft)
- **Power connector:** CEE 7/7 (2P+E NF/Schuko)

### Power consumption

| Voltage | Frequency | Current | Power  | Power factor |
|---------|-----------|---------|--------|--------------|
| 230 V   | 50 Hz     | 8.9 A   | 2040 W | 0.98         |
| 208 V   | 60 Hz     | ?       | 2040 W | 0.97         |
| 245 V   | 50 Hz     |         |        |              |

### Power Supply Unit






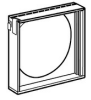



- **PSU:** Separate - Electronic PSU - Flicker free with PFC
- **Lighting unit / PSU cable:** Cable attached to unit - length: 3 m (9,8 ft)  
Type: 18G1,5 JZ 602-RC (CE-UL/CSA) with 16x16A+E Harting Han® connector
- **Maximum distance between lighting unit and PSU:** 25 m (82 ft)
- **Control:** Local
- **Protection:** Mains: 16A 2P2D - C curve breaker / Electronic: 2A 5x20 T fuse

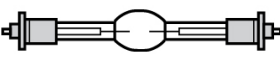
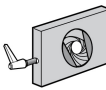






## Model

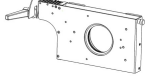








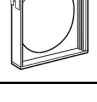
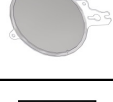

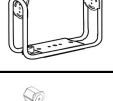
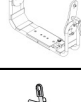
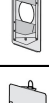
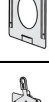

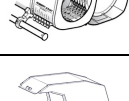

|             |  |
|-------------|--|
| <b>1159</b> | 1800 W MSR Followspot - 1159 Victor - 7/14.5° - Electronic PSU |
|-------------|--|







## Options

|                   |   |   |
|-------------------|---|---|
| <b>PCP1716A</b>   | 16A blue 2P+E 6h IEC60309 power connector   |    |
| <b>FRO/1117PV</b> | Heavy duty adjustable yoke  |    |
| <b>FRO/SMDPV</b>  | Heavy duty adjustable yoke equipped with TILT SpotMe sensor (D type)                                  |    |
| <b>PG80</b>       | Ø80mm chopper kit (G80+ GR120+ adaptation kit)  |    |
| <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/C</b>      | Left side controls option for Compact range (Iris/Dimmer/Frost/Colour changer)                        |   |
| <b>FC1459</b>     | Flight-case for Compact range / GT stand / P.S.U. / accessories - Dim: 1340x710x700mm - Weight: 55 Kg |  |

## Accessories

|                        |   |   |
|------------------------|---|---|
| <b>KHD 1800W HR/DE</b> | KHD 1800W HR/DE - KLS SFc 15.5-6 1800W 750h 6000K lamp<br><b>1 included</b>       |  |
| <b>CCU1</b>            | Full closing iris cassette - Ø72mm - Poids: 1.33 Kg<br><b>1 included</b>          |  |
| <b>PF1011</b>          | Ø210 mm metal filter holder<br><b>6 included</b>                                  |  |
| <b>SGUP2</b>           | Universal "A" size gobo-holder (metal, glass, frosted glass)<br><b>1 included</b> |  |
| <b>FACM100</b>         | Ø97mm UV/IR filter with holder<br><b>1 included</b>                               |  |
| <b>VDM100</b>          | Ø97mm frosted glass with holder<br><b>1 included</b>                              |  |
| <b>M210B</b>           | 6 ways "boomerang" colour changer - Poids: 3.36 Kg<br><b>1 included</b>           |  |
| <b>TC1149</b>          | Tool case with spare parts - Poids: 1.65 Kg<br><b>1 included</b>                  |  |

|                   |   |   |
|-------------------|---|---|
| <b>CCU1SM</b>     | Full closing iris cassette with position sensor for SpotMe system - Ø72mm   |       |
| <b>GT1000</b>     | Tripod stand - SWL: 40 Kg - max. height: 1550 mm - Poids: 9.27 Kg   |    |
| <b>GT4000</b>     | Tripod stand with safety chain - SWL: 130 Kg - max. height: 1030 mm - Poids: 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 - Poids: 8.65 Kg                             |    |
| <b>JPP</b>        | Monopod stand for overhead followspot - Poids: 3.6 Kg   |    |
| <b>T1000</b>      | TV spigot with followspots swivel head - Poids: 1.82 Kg   |    |
| <b>T4000</b>      | Followspot mount for Ø50mm pipe (suspension or overhead) - SWL= 100 Kg - Poids: 4.88 Kg                             |    |
| <b>T4000RSM</b>   | Followspot mount with ball head rotation and SpotMe PAN sensor - SWL = 100 Kg - Poids: 8.53 Kg                      |   |
| <b>CAV700A</b>    | Double slot front cassette for 215x215mm accessories - Poids: 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 - Poids: 4.33 Kg   |  |
| <b>FRO/SMDPD</b>  | Heavy duty adjustable yoke equipped with TILT SpotMe sensor (D type)  |  |
| <b>G80</b>        | Ø80mm horizontal chopper - Poids: 0.37 Kg   |  |
| <b>GR120</b>      | Slot reducer for SGUP gobo holder (if PG80 option ) - Poids: 0.2 Kg   |  |
| <b>Kit G80</b>    | Ø80mm chopper kit (G80+ GR120+ adaptation kit) - Poids: 0.69 Kg   |  |
| <b>M210T</b>      | 6 ways "push/pull" colour changer - Poids: 3.67 Kg  |  |
| <b>M210TVCL</b>   | Light shield for M210T push/pull colour changer - Poids: 1.98 Kg  |  |

|                   |  |   |
|-------------------|--|---|
| <b>Kit TELRAD</b> | Telrad followspot sight with raiser and universal mounting kit -<br>Poids: 1.23 Kg |   |
| <b>SDUP</b>       | Followspot cue sheet holder with universal mounting kit                            |  |
| <b>TCSM</b>       | SpotMe calibration tool kit  |  |
| <b>Maestro</b>    | Maestro server for SpotMe - rackable unit: 1U - half 19" - Poids: 1.2 Kg           |  |
| <b>SMS</b>        | SpotMe server + 2 sensor cables + flight case                                      |  |
| <b>FC1459/S</b>   | Flight-case for Compact range / GT stand / P.S.U. / accessories -<br>Poids: 55 Kg  |  |