

# 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
- **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 lantern; 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

### Construction

- **Made in France :** Fully manufactured on the 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**

## Admissible lamps



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

Reference	Power	Lumen output	Colour temperature	Lamp life	IRC
MSR 1800W DE (Philips )	1 800 W	145 000 lm	6 000 K	750 h	>85

## 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



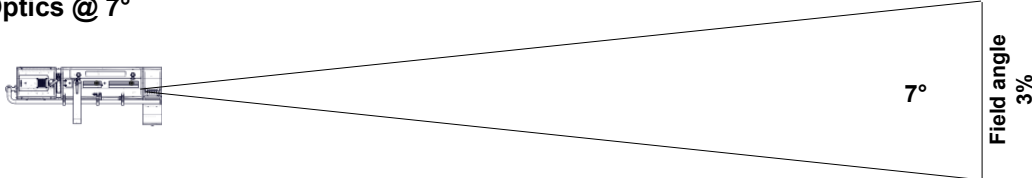
100 mm

\*Maximum image size

## Photometrics

with MSR 1800W DE (Philips ) lamp

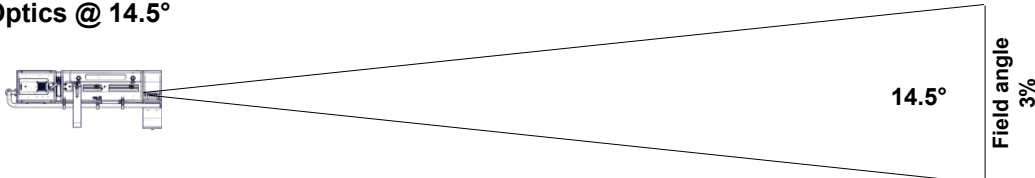
### • Optics @ 7°



**Beam intensity**  
2 300 000 cd

<b>Distance</b>	20 m	30 m	40 m	50 m	60 m	70 m
<b>Field 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>	60 ft	90 ft	130 ft	160 ft	190 ft	220 ft
<b>Field diameter</b>	7.3 ft	11 ft	15.9 ft	19.6 ft	23.2 ft	26.9 ft
<b>Illumination</b>	640 fc	290 fc	140 fc	90 fc	65 fc	48 fc

### • Optics @ 14.5°

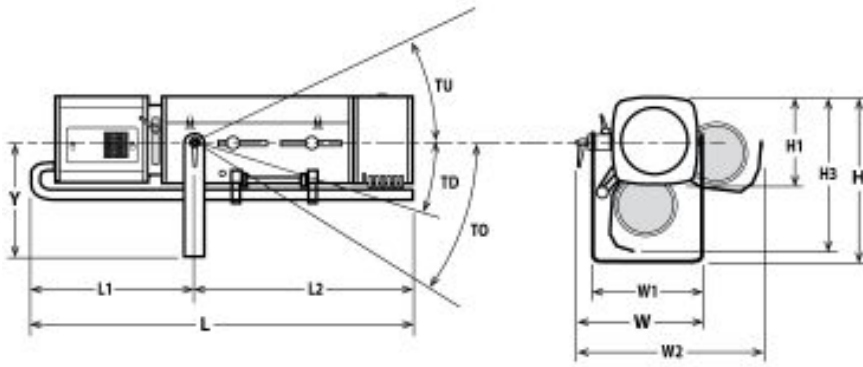


**Beam intensity**  
765 000 cd

<b>Distance</b>	20 m	30 m	40 m	50 m	60 m	70 m
<b>Field 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>	60 ft	90 ft	130 ft	160 ft	190 ft	220 ft
<b>Field diameter</b>	15.3 ft	22.9 ft	33.1 ft	40.7 ft	48.3 ft	56 ft
<b>Illumination</b>	220 fc	95 fc	46 fc	30 fc	22 fc	16 fc

## Dimensions, weight and volumes

### Unit



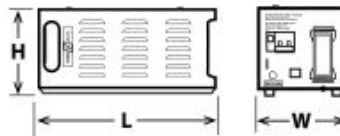
**Weight:** 33 kg (72.6 lbs)

Height	Length	Width	Yoke	Tilt	Option
H= 450 mm (17.7 in)	L= 1260 mm (49.6 in)	W= 440 mm (17.3 in)	Y= TBD mm (0 in)	TU= 45°	TO= TBD°
H1= 250 mm (9.8 in)	L1= 580 mm (22.8 in)	W1= 250 mm (9.8 in)		TD= 40°	
H3= 490 mm (19.3 in)	L2= 680 mm (26.8 in)	W2= 570 mm (22.4 in)			

### Shipping

- **Weight :** 82 kg (180.4 lbs)
- **Volume :** .55 m<sup>3</sup> (19.42 ft<sup>3</sup>)

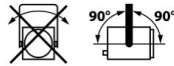
### PSU



- 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:**



### 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
- **Protection rating:** 20

- **PSU housing:** Steel sheet - Aluminium
- **PSU colour:** Black
- **PSU cooling:** Fan
- **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
- 220 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 cable

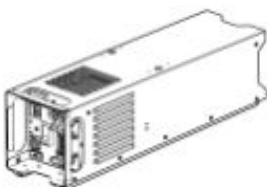


- **Cable:** H07RNF 3G1.5
- **Length:** 3 m (9,8 ft)
- **Connectors:**  
In: CEE 7/7 (2P+E NF/Schuko)  
Out: Neutrik PowerCon®

### Power consumption

Voltage	Frequency	Current	Power	Power factor
230 V	50 Hz	8.9 A	2040 W	,98
208 V	60 Hz	?	2040 W	,97
245 V	50 Hz			TBD

### 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 Harting Han® 16x16A+T connector
- **Maximum distance between lighting unit and PSU:** 25 m (82 ft)
- **Control:** Local / DMX
- **Protection:** Mains: 16A 2P2D - C curve breaker / Electronic: 2A 5x20 time-delay fuse


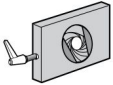









## Model


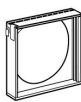



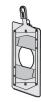


<b>1159</b>	1800 W MSR Followspot - 1159 Victor - 7/14,5° - Electronic PSU
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## Options

<b>PCP1716A</b>	16A blue 2P+E 6h IEC60309 power connector	
<b>FRO/1117 PV</b>	Heavy duty adjustable yoke	
<b>PG 80</b>	Ø80mm chopper with adaptation kit	
	6 ways "push/pull" colour changer	

## Accessories

<b>MSR 1800W DE</b>	MSR 1800W DE - Philips SFc 15.5-6 1800W V 750h 6000K lamp <b>1 included</b>	
<b>CCU1</b>	Full closing iris cassette <b>1 included</b>	
<b>PF1011</b>	Ø210 mm filter holder <b>6 included</b>	
<b>SGUP</b>	Universal "A" size gobo-holder ( metal, glass, frosted glass) <b>1 included</b>	
	Ø97mm frosted glass with holder <b>1 included</b>	
	Ø150mm IR filter with holder <b>1 included</b>	
<b>M210B</b>	6 ways "boomerang" colour changer <b>1 included</b>	
	Tool case with spare parts <b>1 included</b>	
<b>GT4000</b>	Tripod stand with security chain	
<b>GT4000S</b>	Tripod stand without security chain	
<b>JPP</b>	Monopod stand for overhead followspot	
<b>GT1000</b>	GT1000 Tripod stand	

	Set of 3 wheels for GT800/1000 stand	
<b>CAV 700 A</b>	Double slot front cassette for 215x215mm accessories	
<b>VD 120</b>	120x120mm inner frosted glass	
	Ø97mm CTO correction filter (5500K → 3400K) with holder	
<b>FRO/1017 PD</b>	Heavy duty adjustable yoke	
<b>Kit G 80</b>	Ø80mm chopper with adaptation kit	
<b>M210T</b>	6 ways "push/pull" colour changer	
<b>M210TVCL</b>	Light shield for push/pull colour changer	
<b>T1000</b>	TV spigot with followspots swivel head	