

# SUPER KORRIGAN - 1149C

COMPACT - 1200 W HMI

Followspot



- **Type:** Followspot
- **Source:** 1200 W HMI
- **PSU:** Magnetic - hot restrike
- **Optics:** 7° to 14,5° zoom
- **Standard:** 110 V North american

## High output with hot restrike

The award-winning long throw Super Korrigan out-performs Xenon spots of higher wattage. Widely used in theatre environments where high output, instantaneous re-ignition and compact dimensions are a real advantage, Super Korrigan also benefits from a silent operation.

### 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: 1149

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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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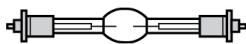
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Admissible lamps



Lamp type: Discharge  
Power: 1200 W  
Socket: SFc 15.5-6  
Hot re-strike: yes

| Reference              | Power   | Lumen output | Colour temperature | Lamp life | CRI (min) |
|------------------------|---------|--------------|--------------------|-----------|-----------|
| CSR 1200W DE (GE )     | 1 200 W | 110 000 lm   | 6000K              | 750 h     | >85       |
| HMI 1200W DXS (Osram ) | 1 200 W | 110 000 lm   | 6000K              | 1 000 h   | >90       |
| MSI 1200 (Philips )    | 1 200 W | 110 000 lm   | 5600K              | 1 000 h   | 80        |

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

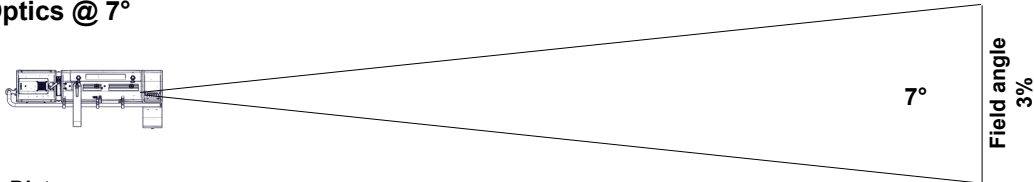


100 mm  
\*Maximum image size

Photometrics

with HMI 1200W DXS (Osram ) source

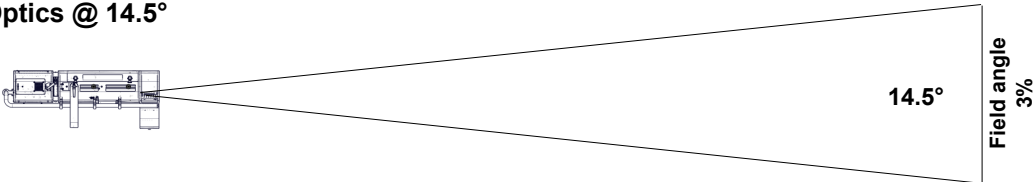
• Optics @ 7°



Beam intensity  
1 500 000 cd

|              |           |           |           |           |           |         |
|--------------|-----------|-----------|-----------|-----------|-----------|---------|
| Distance     | 15 m      | 20 m      | 25 m      | 30 m      | 35 m      | 40 m    |
| Diameter     | 1.8 m     | 2.4 m     | 3.1 m     | 3.7 m     | 4.3 m     | 4.9 m   |
| Illumination | 6 700 lux | 3 800 lux | 2 450 lux | 1 700 lux | 1 250 lux | 940 lux |
| Distance     | 50 ft     | 65 ft     | 80 ft     | 100 ft    | 115 ft    | 130 ft  |
| Diameter     | 6.1 ft    | 8 ft      | 9.8 ft    | 12.2 ft   | 14.1 ft   | 15.9 ft |
| Illumination | 610 fc    | 360 fc    | 240 fc    | 160 fc    | 120 fc    | 90 fc   |

• Optics @ 14.5°

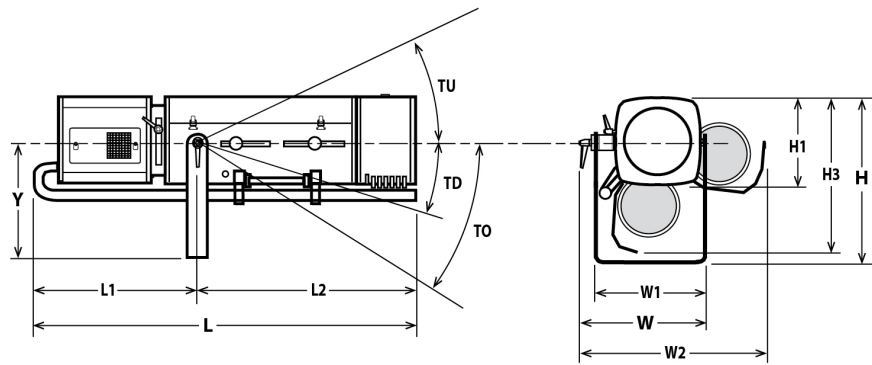


Beam intensity  
460 000 cd

|              |           |           |         |         |         |         |
|--------------|-----------|-----------|---------|---------|---------|---------|
| Distance     | 15 m      | 20 m      | 25 m    | 30 m    | 35 m    | 40 m    |
| Diameter     | 3.8 m     | 5.1 m     | 6.4 m   | 7.6 m   | 8.9 m   | 10.2 m  |
| Illumination | 2 050 lux | 1 200 lux | 740 lux | 520 lux | 380 lux | 290 lux |
| Distance     | 50 ft     | 65 ft     | 80 ft   | 100 ft  | 115 ft  | 130 ft  |
| Diameter     | 12.7 ft   | 16.5 ft   | 20.4 ft | 25.4 ft | 29.3 ft | 33.1 ft |
| Illumination | 190 fc    | 110 fc    | 75 fc   | 47 fc   | 35 fc   | 28 fc   |

Dimensions, weight and volumes

Unit



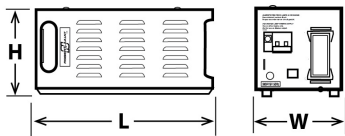
Weight: 33 kg (72.6 lbs)

| Height               | Length               | Width                | Yoke                | Tilt    | Option   |
|----------------------|----------------------|----------------------|---------------------|---------|----------|
| H= 450 mm (17.7 in)  | L= 1260 mm (49.6 in) | W= 410 mm (16.1 in)  | Y= 325 mm (12.8 in) | TU= 45° | TO= TBD° |
| 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 : 103 kg (226.6 lbs)
- Volume : .55 m³ (19.42 ft³)

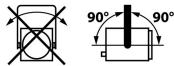
PSU



- Width: W= 185 mm (7.3 in)
- Height: H= 200 mm (7.9 in)
- Length: L= 590 mm (23.2 in)
- Weight: 33 Kg (72.6 lbs)

Installation

- Minimum distance to illuminated surface: 2.8 m ( 9.2 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: 5 802 BTU/h
- Protection rating: 20

- PSU housing: Steel sheet - Aluminium
- PSU colour: Black
- PSU cooling: Convection cooling
- PSU maximum ambient temperature (Ta): 40°C (104°F)
- PSU maximum case temperature (Tc) : 70°C (158°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: internal

Power cable

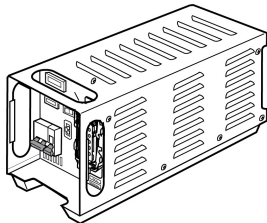


- Cable: 12 AWG SJ type (UL/CSA)
- Length: 1,5 m (4,9 ft)
- Connectors:
  - In: Without connector
  - Out: Not removeable

Power consumption

| Voltage | Frequency | Current | Power  | Power factor |
|---------|-----------|---------|--------|--------------|
| 110 V   | 60 Hz     |         | 1700 W | TBD          |

Power Supply Unit



- PSU: Separate - Magnetic PSU
- 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: 25A 2P2D - C curve breaker / Electronic: 6A 2P2D - C curve breaker

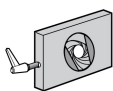
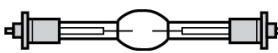
## Model

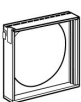
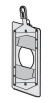
|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| <b>1149C 110V</b> | 1200 W HMI Followspot - 1149C Super Korrigan - 7/14,5° - Magnetic PSU - 110V North american standard |
|-------------------|------------------------------------------------------------------------------------------------------|

## Options

|                   |                                                       |                                                                                     |
|-------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>FRO/1117PV</b> | Heavy duty adjustable yoke                            |  |
| <b>PG80</b>       | Ø80mm chopper kit (G80+ GR120+ adaptation kit)        |  |
| <b>M210TM</b>     | 6 ways "push/pull" colour changer                     |  |
| <b>CAG/C</b>      | Left side controls (Iris/Dimmer/Frost/Colour changer) |                                                                                     |

## Accessories

|                      |                                                                                          |                                                                                       |
|----------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>CCU1</b>          | Full closing iris cassette - Weight: 1,33 Kg<br><b>1 included</b>                        |    |
| <b>PF1011</b>        | Ø210 mm metal filter holder<br><b>6 included</b>                                         |    |
| <b>SGUP</b>          | Universal "A" size gobo-holder ( metal, glass, frosted glass)<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 - Weight: 3,36 Kg<br><b>1 included</b>                 |  |
| <b>TC1149</b>        | Tool case with spare parts - Weight: 1,65 Kg<br><b>1 included</b>                        |  |
| <b>HMI 1200W DXS</b> | HMI 1200W DXS - Osram SFC 15.5-6 1200W V 1000h 6000K lamp                                |  |
| <b>GT1000</b>        | Tripod stand - SWL: 40 Kg - max. height: 1550 mm - Weight: 9,27 Kg                       |  |
| <b>GT4000</b>        | Tripod stand with safety chain - SWL: 130 Kg - max. height: 1030 mm - Weight: 7,91 Kg    |  |
| <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) -<br>SWL= 100 Kg - Weight: 4,88 Kg |       |
| <b>CAV700A</b>    | Double slot front cassette for 215x215mm accessories -<br>Weight: ,52 Kg                    |    |
| <b>CAV700NA</b>   | Single slot front holder for 254x254mm (10x10") accessories -<br>Weight: ,26 Kg             |                                                                                       |
| <b>FCM100</b>     | Ø97mm CTO correction filter (5500K → 3400K) with holder                                     |    |
| <b>VD120</b>      | 120x120mm frosted glass                                                                     |    |
| <b>FRO/1017PD</b> | Heavy duty adjustable yoke - Weight: 4,33 Kg                                                |    |
| <b>Kit G80</b>    | Ø80mm chopper kit (G80+ GR120+ adaptation kit) - Weight: ,69 Kg                             |    |
| <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>TELRAD</b>     | Telrad followspot sight with raiser - Weight: ,56 Kg                                        |  |
| <b>W/GT800</b>    | Set of 3 wheels for GT800/1000 stand - Weight: 2,33 Kg                                      |  |