

# LUCY - 1449C

COMPACT - 1200 W HMI



- **Type:** Followspot
- **Source:** 1200 W HMI
- **PSU:** Magnetic - hot restrike
- **Optics:** 13° to 24° zoom
- **Standard:** 110 V North american

Followspot

## High output with hot restrike

The short-throw Lucy out-performs Xenon followspots of higher wattage. It is widely used in theatre environments where the combination of a high output, instantaneous re-ignition, silent operation and compact dimensions is a real advantage.

### 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, 'push/pull' colour changer system for simultaneous use of multiple filters
- **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: 1449 + FRO/1117PV

DSEN114\_1449C\_110V - 23/03/2022

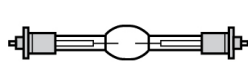
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Source



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

| Admissible lamps      | Power * | Lumen output* | Colour temperature* | 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         |

(\*) manufacturer's data

Optics

Characteristics

- **Type:** Zoom
- **Beam range:** 13° to 24°
- **Focal length:** 169 - 316 mm

Gel filter

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

Gobo

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

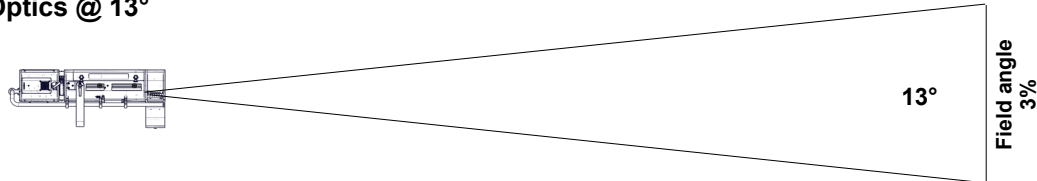


100 mm  
\*Maximum image size

Photometrics

with HMI 1200W/DXS (Osram) source

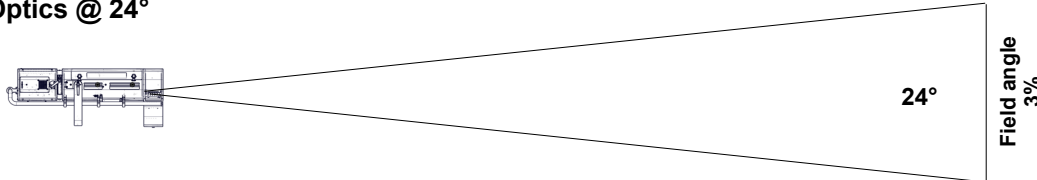
• Optics @ 13°



Beam intensity  
544 000 cd

|              |            |           |           |           |         |         |
|--------------|------------|-----------|-----------|-----------|---------|---------|
| Distance     | 5 m        | 10 m      | 15 m      | 20 m      | 25 m    | 30 m    |
| Diameter     | 1.1 m      | 2.3 m     | 3.4 m     | 4.6 m     | 5.7 m   | 6.8 m   |
| Illumination | 22 000 lux | 5 500 lux | 2 450 lux | 1 400 lux | 880 lux | 610 lux |
| Distance     | 15 ft      | 35 ft     | 50 ft     | 65 ft     | 80 ft   | 100 ft  |
| Diameter     | 3.4 ft     | 8 ft      | 11.4 ft   | 14.8 ft   | 18.2 ft | 22.8 ft |
| Illumination | 2 450 fc   | 450 fc    | 220 fc    | 130 fc    | 90 fc   | 55 fc   |

• Optics @ 24°

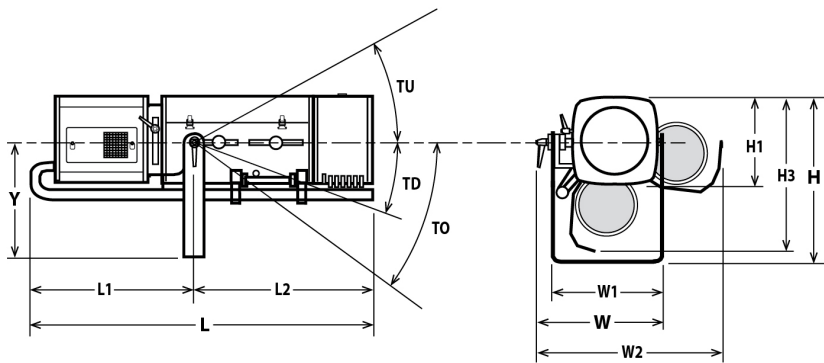


Beam intensity  
206 000 cd

|              |           |           |         |         |         |         |
|--------------|-----------|-----------|---------|---------|---------|---------|
| Distance     | 5 m       | 10 m      | 15 m    | 20 m    | 25 m    | 30 m    |
| Diameter     | 2.1 m     | 4.3 m     | 6.4 m   | 8.5 m   | 10.6 m  | 12.8 m  |
| Illumination | 8 300 lux | 2 100 lux | 920 lux | 520 lux | 330 lux | 230 lux |
| Distance     | 15 ft     | 35 ft     | 50 ft   | 65 ft   | 80 ft   | 100 ft  |
| Diameter     | 6.4 ft    | 14.9 ft   | 21.3 ft | 27.6 ft | 34 ft   | 42.5 ft |
| Illumination | 920 fc    | 170 fc    | 85 fc   | 49 fc   | 33 fc   | 21 fc   |

Dimensions and weight

Unit



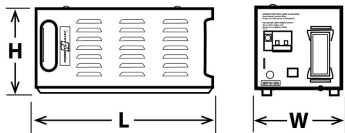
Weight: 32 kg (70.4 lbs)

| Height               | Length               | Width                | Yoke                | Tilt    | Option   |
|----------------------|----------------------|----------------------|---------------------|---------|----------|
| H= 450 mm (17.7 in)  | L= 970 mm (38.2 in)  | W= 410 mm (16.1 in)  | Y= 325 mm (12.8 in) | TU= 45° | TO= TBD° |
| H1= 250 mm (9.8 in)  | L1= 480 mm (18.9 in) | W1= 350 mm (13.8 in) |                     | TD= 40° |          |
| H3= 460 mm (18.1 in) | L2= 490 mm (19.3 in) | W2= 570 mm (22.4 in) |                     |         |          |

Shipping

- Weight : 97.6 kg (214.7 lbs)
- Volume : .58 m³ (20.48 ft³)

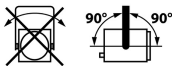
PSU



- 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:



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: 5 802 BTU/h
- Ingress Protection (IP) rating: IP20

- 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~~
- ~~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: intenal

Power input

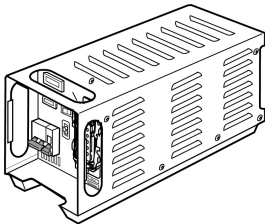


- Type: attached power cord
- Cable: 12 AWG SJ type (UL/CSA)
- Length: 1.5 m (4.9 ft)
- Power connector: without connector

Power consumption

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

Power Supply Unit

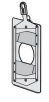


- PSU: Separate - Magnetic PSU
- Lighting unit / PSU cable: Cable attached to unit - length: 3 m (9,8 ft)  
Type: 18G1,5 JZ 602-RC (CE-UL/CSA) with 16x16A+E Harting Han® connector
- Maximum distance between lighting unit and PSU: 25 m (82 ft)
- Control: Local
- Protection: Mains: 25A 2P2D - C curve breaker - UL / Electronic: 6A 2P2D - C curve breaker - UL

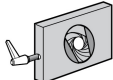
## Model

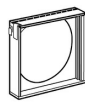
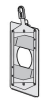
|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| <b>1449C 110V</b> | 1200 W HMI Followspot - 1449C Lucy - 13/24° - Magnetic PSU - 110V North american standard |
|-------------------|-------------------------------------------------------------------------------------------|

## Options

|                   |                                                                                                       |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>FRO/1117PV</b> | Heavy duty adjustable yoke                                                                            |  |
| <b>FRO/SMEPV</b>  | Heavy duty adjustable yoke equipped with TILT SpotMe sensor (E type)                                  |  |
| <b>PG80</b>       | Ø80mm chopper kit (G80+ GR120+ adaptation kit)                                                        |  |
| <b>M210BM</b>     | 6 ways "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>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>VDM100</b>        | Ø97mm frosted glass with holder<br><b>1 included</b>                                 |  |
| <b>M210T</b>         | 6 ways "push/pull" colour changer - Poids: 3.67 Kg<br><b>1 included</b>              |  |
| <b>TC1149</b>        | Tool case with spare parts - Poids: 1.65 Kg<br><b>1 included</b>                     |  |
| <b>HMI 1200W/DXS</b> | HMI 1200W/DXS - Osram SFC 15.5-6 1200W 1000h 6000K lamp                              |  |
| <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>CAV700NA</b>   | Single slot front holder for 254x254mm (10x10") accessories - Poids: 0.26 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/SMEPD</b>  | Heavy duty adjustable yoke equipped with TILT SpotMe sensor (E 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>M210B</b>      | 6 ways "boomerang" colour changer - Poids: 3.36 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 - 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                            |  |