# CYRANO - 1015M

GRAND - 2500 W HMI

Followspot




- **Type:** Followspot
- **Source:** 2500 W HMI
- **PSU:** Electronic - hot restrike
- **Optics:** 3° to 8° zoom

## For that little bit more!

Cyrano's narrow beam angle is suited to super-long throw distances found in the largest theatres and stadia. Its unique dimmer shutter gives Cyrano a superb dimming ability – surpassing even that of Aramis – making it indispensable for opera houses and large TV shows.

### Features

- **Fully closing iris cassette:** removable for fast, easy replacement; protective backplate for extended lifespan
- **Gobo holder:** glass and metal gobos
- **Ergonomic dimmer control:** one-handed dim, pan and tilt
- **Smooth dimmer shutter:** retains flat beam and colour temperature when dimming
- **Progressive 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
- **Colour correction (CTO) and two spare filter frames on flip lever**
- **Fast-locking focus handle:** for quick and easy change of beam size
- **Easy focus reference:** graduated scale on side of the unit; fast and easy refocusing
- **Adjustable yoke:** for optimum overhead positioning
- **Easy-to-balance counterweight:** steady movement, even at long distances
- **Stand:** perfectly weighted for maximum stability with smooth rotation for optimum performance. Easy set up; triple safety system for extra security

### Optical

- **Safe lamp:** no risk of explosion and no protective clothing necessary
- **Factory set optical train:** travels safely within followspot and requires no time-consuming realignment on arrival. Uniform beam on all followspots of same type
- **Quartz condenser lens:** for dazzling light output and perfectly even beam
- **Gobo :** long distance gobo projection
- **Variable zoom optics:** sharp focus at every beam angle. Independent control of image size and focus.

### Construction

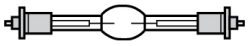
- **Made in France :** fully manufactured in Robert Juliat premises retaining complete control over all aspects of quality
- **Separate PSU:** compact for easy handling and rapid maintenance
- **Cooling:** highly efficient multi-zone cooling of lamp house and oversized lamp holder heat-sinks for maximum reliability and durability
- **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

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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

Picture:1015

## Source



- **Lamp type:** Discharge
- **Power:** 2500 W
- **Socket:** SFa 21
- **Hot re-strike:** yes

| Admissible lamps | Power * | Lumen output* | Colour temperature* | Life* | CRI* (min) |
|---|---|---|---|---|---|
| HMI 2500W/S XS (Osram) | 2 500 W | 240 000 lm | 6000K | 500 h | 90 |

*(*) manufacturer's data*

## Optics

### Characteristics

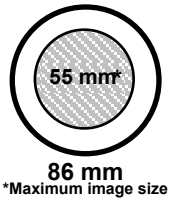
- **Type:** Zoom
- **Range:** 3° to 8° (Field angle)
- **Focal length:** 393 - 1050 mm

### Gel filter

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

### Gobo

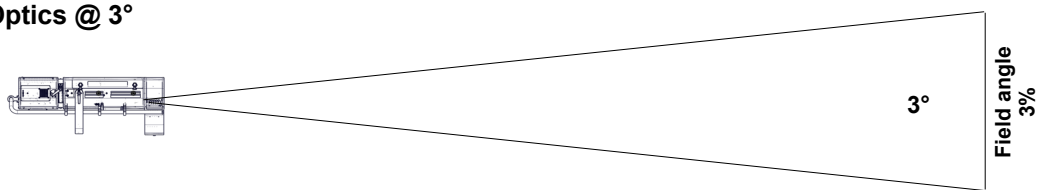
- **Size:** B
- **Material:** Metal
  Glass




## Photometrics

optics: 3°-8° / Standard / HMI 2500W/S XS (Osram)

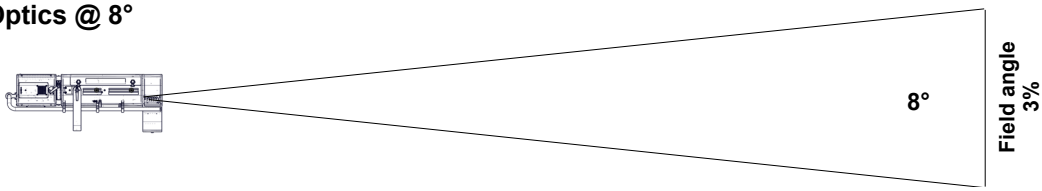
### • Optics @ 3°




**Beam intensity**
7 520 000 cd

| | | | | | | |
|---|---|---|---|---|---|---|
| **Distance** | 40 m | 60 m | 80 m | 100 m | 120 m | 140 m |
| **Diameter** | 2.1 m | 3.1 m | 4.2 m | 5.2 m | 6.3 m | 7.3 m |
| **Illumination** | 4 750 lux | 2 100 lux | 1 200 lux | 760 lux | 530 lux | 390 lux |
| **Distance** | 130 ft | 195 ft | 260 ft | 330 ft | 395 ft | 460 ft |
| **Diameter** | 6.8 ft | 10.2 ft | 13.6 ft | 17.3 ft | 20.7 ft | 24.1 ft |
| **Illumination** | 450 fc | 200 fc | 120 fc | 70 fc | 49 fc | 36 fc |

### • Optics @ 8°

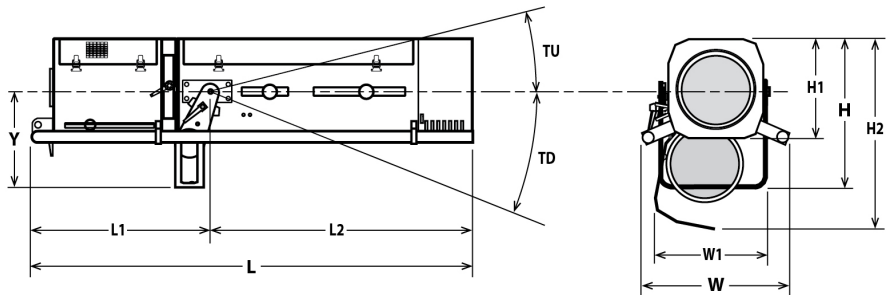



**Beam intensity**
1 800 000 cd

| | | | | | | |
|---|---|---|---|---|---|---|
| **Distance** | 40 m | 60 m | 80 m | 100 m | 120 m | 140 m |
| **Diameter** | 5.6 m | 8.4 m | 11.2 m | 14 m | 16.8 m | 19.6 m |
| **Illumination** | 1 150 lux | 510 lux | 290 lux | 190 lux | 130 lux | 95 lux |
| **Distance** | 130 ft | 195 ft | 260 ft | 330 ft | 395 ft | 460 ft |
| **Diameter** | 18.2 ft | 27.3 ft | 36.4 ft | 46.2 ft | 55.2 ft | 64.3 ft |
| **Illumination** | 110 fc | 48 fc | 27 fc | 17 fc | 12 fc | 9 fc |

## Dimensions and weight

**Unit**



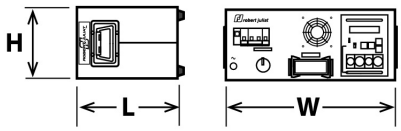

**Weight:** 65 kg (143 lbs)

| Height | Length | Width | Yoke | Tilt |
|---|---|---|---|---|
| H= 505 mm (19.9 in)<br>H1= 320 mm (12.6 in)<br>H3= 375 mm (14.8 in) | L= 1655 mm (65.2 in)<br>L1= 720 mm (28.3 in)<br>L2= 935 mm (36.8 in) | W= 550 mm (21.7 in)<br>W1= 300 mm (11.8 in) | Y= 350 mm (13.8 in) | TU= 45°<br>TD= 60° |

## Shipping

- **Weight :** 135 kg (297 lbs)
- **Volume :** 1.11 $m^3$ (39.02 $ft^3$)

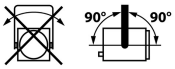
**PSU**




**Width:** W= 452 mm (17.8 in)
**Height:** H= 194 mm (7.6 in)
**Length:** L= 354 mm (13.9 in)
**Weight:** 14.5 Kg (31.9 lbs)

## Installation

- **Minimum distance to illuminated surface:** 4.0 m (13.1 ft)
- **Operating position:**




## Warranty

- **Fixture: 2 years**

*See General Sales Condition on website*

## Approvals

CE

## Acoustics

- **Noise level: < 53,7 dB(A)**

## Construction

- **Housing:** Steel sheet - Aluminium
- **Colour:** Black
- **Cooling:** Low noise fan
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc):** 130°C (266°F)
- **Total heat dissipation:** 9 216 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):** 55°C (131°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

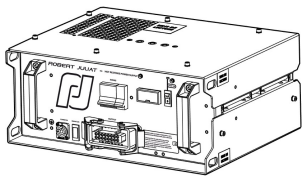


- **Type:** removable power cord with Neutrik PowerCon® (ref. NAC3FCA) connector (included)
- **Cable:** H07RNF 3G1.5
- **Length:** 3 m (9.8 ft)
- **Power connector:** CEE 7/7 (2P+E NF/Schuko)

## Power consumption

| Voltage | Frequency | Current | Power | Power factor |
|---|---|---|---|---|
| 230 V | 50 Hz | | 2700 W | |
| 208 V | 60 Hz | | 2700 W | |
| 245 V | 50 Hz | | 2700 W | |

## Power Supply Unit



- **PSU:** Separate - Electronic PSU - Flicker free with PFC
- **Lighting unit / PSU cable:** Removable cable - length: 3 m (9,8 ft)

Type: 18G1,5 H07RNF with 16x16A+E Harting Han® connectors

- **Maximum distance between lighting unit and PSU:** 25 m (82 ft)
- **Control:** Local
- **Protection:** Mains: 15A 2P2D - C curve breaker - UL / Electronic: 2A 1P1D - C curve breaker - UL

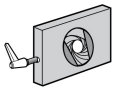
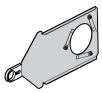
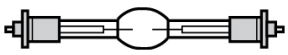
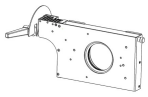
## Model

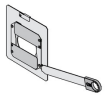
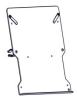
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|---|---|
| **1015M** | 2500 W HMI Followspot - 1015M Cyrano - 3/8° - Electronic PSU |

## Options

| | | |
|---|---|---|
| **PCP1716A** | 16A blue 2P+E 6h IEC60309 power connector |  |
| **FRO/SMCPV** | Heavy duty adjustable yoke equipped with TILT SpotMe sensor (C type) |  |
| **FC1015** | Flight-case for 2.5K Grand range / GT4000 stand / P.S.U. / accessories - Dim: 2010x600x810mm - Weight: 78 Kg |  |

## Accessories

| | | |
|---|---|---|
| **CCU2** | Full closing iris cassette - Ø55mm - Weight: 1.35 Kg<br>**1 included** |  |
| **PF1011** | Ø210 mm metal filter holder<br>**6 included** |  |
| **SGS** | Universal "B" size gobo-holder (metal, glass, frosted glass) - Weight: 0.22 Kg<br>**1 included** |  |
| **FCM120R** | Ø120mm 1/2 CTO correction filter (Rosco #3408) with holder<br>**1 included** |  |
| **VDM1015B** | Progressive frosted glass with holder - lower part<br>**1 included** | |
| **VDM1015H** | Progressive frosted glass with holder - upper part<br>**1 included** | |
| **TC1015** | Tool case with spare parts - Weight: 2.42 Kg<br>**1 included** |  |
| **HMI 2500W/S XS** | HMI 2500W/S XS - Osram SFa 21 2500W 500h 6000K lamp |  |
| **CCU2SM** | Full closing iris cassette with position sensor for SpotMe system - Ø55mm |  |
| **GT4000** | Tripod stand with safety chain - SWL: 130 Kg - max. height: 1030 mm - Weight: 7.91 Kg |  |
| **GT4000R** | Tripod stand with ball head rotation with security chain - SWL: 130 Kg - max. height: 1030 mm - Weight: 10 Kg |  |
| **GT4000RSM** | Tripod stand with ball head rotation with security chain and SpotMe PAN sensor - SWL: 130 Kg - max. height: 1030 mm |  |
| **GT4000S** | Tripod stand without safety chain - SWL: 130 Kg - max. height: 1030 mm - Weight: 8.65 Kg |  |

| | | |
|---|---|---|
| **JPP** | Monopod stand for overhead followspot - Weight: 3.6 Kg |  |
| **T4000** | Followspot mount for Ø50mm pipe (suspension or overhead) - SWL= 100 Kg - Weight: 4.88 Kg |  |
| **T4000RSM** | Followspot mount with ball head rotation and SpotMe PAN sensor - SWL = 100 Kg - Weight: 8.53 Kg |  |
| **FRO/SMCPD** | Heavy duty adjustable yoke equipped with TILT SpotMe sensor (C type) |  |
| **G56H** | Ø56mm horizontal chopper - Weight: 0.2 Kg |  |
| **BK/E1** | Extra weight kit for BK1 (0,5 Kg) - Weight: 0.5 Kg | |
| **BK1** | Followspot balancing kit (including 1 Kg counterweights) - Weight: 2.05 Kg |  |
| **H/1015** | Dust cover - Weight: 0.61 Kg | |
| **Kit TELRAD** | Telrad followspot sight with raiser and universal mounting kit - Weight: 1.23 Kg |  |
| **SDUP** | Followspot cue sheet holder with universal mounting kit |  |
| **TCSM** | SpotMe calibration tool kit |  |
| **Maestro** | Maestro server for SpotMe - rackable unit: 1U - half 19" - Weight: 1.2 Kg |  |
| **SMS** | SpotMe server + 2 sensor cables + flight case - Weight: 6.2 Kg |  |
| **FC1015/S** | Flight-case for 2.5K Grand range / GT4000 stand / P.S.U. / accessories - Weight: 78 Kg |  |
| **MLA** | Mini yoke (with screws) - Weight: 0.9 Kg |  |