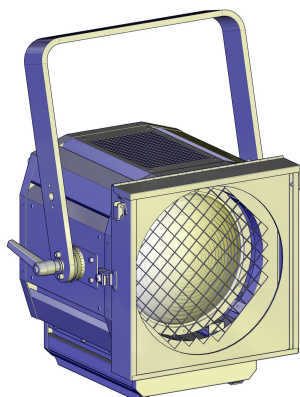


# CIN'K - 312CLF

CIN'K - 1200 W HID



- **Type:** Single lens luminaire
- **Source:** 1200 W HID
- **PSU:** Magnetic
- **Optics:** 250 mm Fresnel lens
- **Standard:** 110 V North american

Single lens

## Powerful discharge unit for theatres and more

Cin'k's cool colour temperature is perfect for ballet and daylight effects. Its 250 mm lens ensures powerful output while the theatre-inspired front cassette provides an efficient colour filter holder with no light spill. Smooth dimming is possible with a Jalousie 2 digital dimmer.

### Features

- **Jalousie 2:** optional DMX-controlled digital shutter for the dimming of discharge units
- **Theatre front cassette:** no light spill to distract audiences or performers
- **Colour runners:** double runners to hold accessories and colour filters
- **Focus reference:** index for easy focus reference
- **Tilt reference on hanging yoke:** index for rapid re-positioning

### Optical

- **250 mm lens:** light output equivalent to 'studio' 300 mm fixtures

### 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
- **Moving parts:** smooth at all times, even when hot
- **Captive knobs and handles:** additional security when working at height or in transit
- **Access:** easy access to lamp house and lenses through front opening for fast and efficient maintenance
- **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
- **Specially designed handle:** for fast cable changing without having to go inside the unit
- **Safety grid:** earthed safety grid fitted as standard
- **Safety first:** front accessories safety cable attachment point

Picture:312LF

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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:** 1200 W
- **Socket:** G22
- **Hot re-strike:** no

Admissible lamps	Power *	Lumen output*	Colour temperature*	Life*	CRI* (min)
MSD 1200W (Philips )	1 200 W	92 000 lm	6000K	3 000 h	80
MSR 1200W (Philips )	1 200 W	110 000 lm	5900K	800 h	95
MSR 1200W/2 (Philips )	1 200 W	110 000 lm	7200K	800 h	85
CSR 1200W/2 SE (GE )	1 200 W	110 000 lm	7200K	800 h	75

(\*) manufacturer's data

## Optics

### Characteristics

- **Type:** Single lens
- **Beam range:** 6° to 53°
- **Lens:** 250 mm Fresnel lens

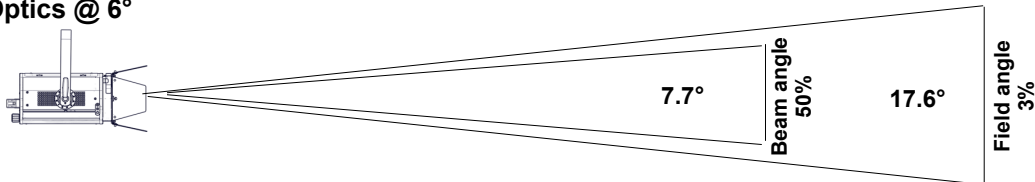
### Gel filter

- **Shape:** Square
- **Standard size:** 333x333 mm (13.1x13.1 in)

## Photometrics

with MSD 1200W (Philips ) source

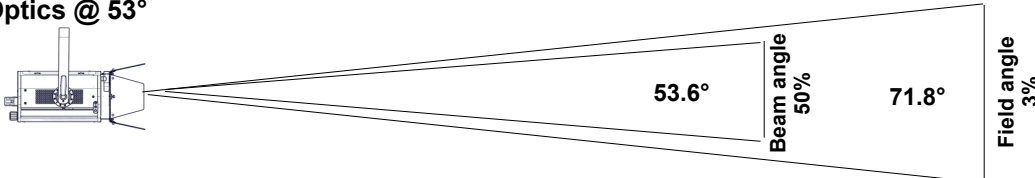
### • Optics @ 6°



**Beam intensity**  
373 400 cd

<b>Distance</b>	5 m	10 m	15 m	20 m	25 m	30 m
<b>Diameter</b>	1.5 m	3.1 m	4.6 m	6.2 m	7.7 m	9.3 m
<b>Illumination</b>	15 000 lux	3 750 lux	1 700 lux	940 lux	600 lux	420 lux
<b>Distance</b>	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
<b>Diameter</b>	4.6 ft	10.8 ft	15.5 ft	20.1 ft	24.8 ft	31 ft
<b>Illumination</b>	1 700 fc	310 fc	150 fc	90 fc	60 fc	38 fc

### • Optics @ 53°

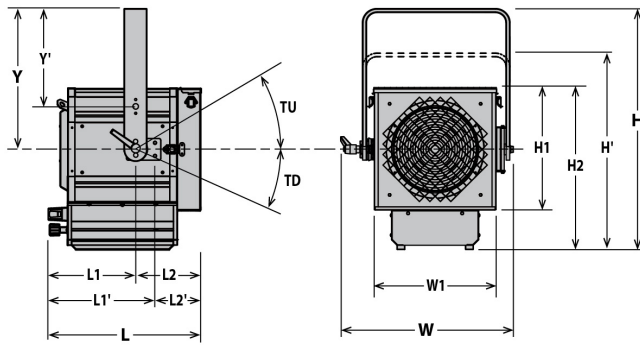


**Beam intensity**  
45 800 cd

<b>Distance</b>	5 m	10 m	15 m	20 m	25 m	30 m
<b>Diameter</b>	7.2 m	14.5 m	21.7 m	29 m	36.2 m	43.4 m
<b>Illumination</b>	1 850 lux	460 lux	210 lux	120 lux	75 lux	55 lux
<b>Distance</b>	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
<b>Diameter</b>	21.7 ft	50.7 ft	72.4 ft	94.1 ft	115.8 ft	144.8 ft
<b>Illumination</b>	210 fc	38 fc	19 fc	11 fc	8 fc	5 fc

## Dimensions and weight

### Unit



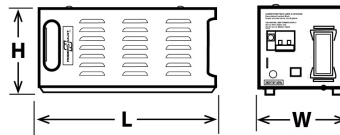
**Weight:** 16 kg (35.2 lbs)

Height	Length	Width	Yoke	Tilt
H= 510 mm (20.1 in)	L= 425 mm (16.7 in)	W= 465 mm (18.3 in)	Y= 270 mm (10.6 in)	TU= TBD°
H'= 630 mm (24.8 in)	L1= 250 mm (9.8 in)	W1= TBD mm (0 in)	Y'= 390 mm (15.4 in)	TD= TBD°
H1= TBD mm (0 in)	L1'= 290 mm (11.4 in)			
H2= 410 mm (16.1 in)	L2= TBD mm (0 in)			

### Shipping

- **Weight :** Unit: 20 kg (74.4 lbs)  
PSU: 33.8 kg (74.4 lbs)
- **Volume :** Unit: .14 m<sup>3</sup> (4.94 ft<sup>3</sup>)  
PSU: .05 m<sup>3</sup> (1.77 ft<sup>3</sup>)

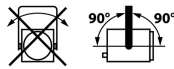
### PSU



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

### Installation

- **Minimum distance to illuminated surface:** 2.7 m ( 8.9 ft )
- **Operating position:**



### Warranty

- **Fixture: 2 years**  
See General Sales Condition on website

### Approvals



### Construction

- **Housing:** Steel sheet - Aluminium
- **Colour:** Black
- **Cooling:** Convection cooling
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc):** 240°C (464°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
- 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: local switch

### Power input

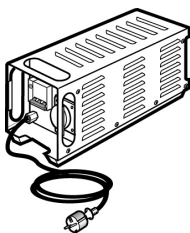


- **Type:** attached power cord
- **Cable:** 12 AWG SJ type (UL/CSA)
- **Length:** 1,5 m (4,9 ft)
- **Power connector:** without connector

### Power consumption

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

### Power Supply Unit



- **PSU:** Separate - Magnetic PSU
- **Lighting unit / PSU cable:** Cable attached to unit - length: 3 m (9,8 ft)  
Type: 3G4 EWKF with 16A black 3P+E 7h IEC60309 connector
- **Maximum distance between lighting unit and PSU:** 25 m (82 ft)
- **Control:** Local
- **Protection:** Mains: 25A 2P2D - C curve breaker - UL / Electronic: 1A 1P1D - C curve breaker - UL











## Model

**312CLF**

1200 W HID Single lens luminaire - 250mm Fresnel - 312CLF Cin'k - Magnetic PSU - 110V North american standard

## Options

## Accessories

<b>PF325</b>	333x333mm metal filter holder - Weight: ,52 Kg <b>1 included</b>	
<b>G325L</b>	333x333mm safety grid - Weight: ,44 Kg <b>1 included</b>	
<b>MSD 1200W</b>	MSD 1200W - Philips G22 1200W 3000h 6000K lamp	
<b>PFR325</b>	600x600 mm extended metal filter holder with 4 clips - Weight: 1,11 Kg	
<b>CF325</b>	4 rotating leaves on a rotating barndoor - 333x333mm (without safety cable) - Weight: 2,11 Kg	
<b>PFR CF325</b>	Extended filter holder and rotating barndoor set - 333x333mm	
<b>JAL2/280 A1</b>	Ø280mm Jalousie2 dimming shutter with adaptation for Cin'k series - Weight: 4,6 Kg	
<b>JAL2/340 A1</b>	Ø340mm Jalousie2 dimming shutter with adaptation for Cin'k series - Weight: 5,7 Kg	
<b>876</b>	Hook clamp 40x10mm with 28mm M10 screw for Ø35 to 50mm pipes - SWL: 50Kg - Weight: 1,25 Kg	
<b>880</b>	Hook clamp 40x10mm with 28mm M10 screw for Ø50 to 63mm pipes - SWL: 50Kg - Weight: 1,36 Kg	
<b>CS2</b>	Safety cable Ø3 mm L= 600mm - SWL: 75 Kg	