

# 329HPC

329 - 2000/2500 W TUNGSTEN



- **Type:** Single lens luminaire
- **Source:** 2000/2500 W Tungsten
- **Optics:** 200 mm Plano Convex lens

Single lens

## The industry standard for 2.5K units

329H is a favourite in theatres, opera houses and concert halls the world over.

A G22 lamp socket holds the lamp securely in place giving reliability, longer lamp life and 2000 W or 2500 W lamp options. Ideal for medium to large venues and rental companies.

### Features

- **Colour runners:** Double runners to hold accessories and colour filters
- **Barn door:** Unique rotating barn door with 4 individually rotating blades – makes even the most difficult angle possible
- **Focus adjustment:** Smooth focus adjustment from front or rear, even when lantern is hot, for a longer lamp life
- **Tilt reference on hanging yoke:** Index for rapid re-positioning

### Optical

- **G22 socket:** accepts 2000 W and 2500 W lamps
- **200 mm lens:** Compact size 2 / 2.5 KW fixture
- **Theatre front cassette:** No light spill to distract audiences or performers

### Construction

- **Made in France :** Fully manufactured on the premises retaining complete control over all aspects of quality
- **Air vents:** Efficient cooling with no light spill
- **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
- **Safety grid:** Earthed safety grid fitted as standard
- **Safety first:** Front accessories safety cable attachment point

Picture:329H

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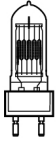
Robert Juliat reserves the right to change or alter any of the items detailed on this page, to increase or improve manufacturing techniques without prior notice.

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## Admissible lamps



**Lamp type:** Tungsten  
**Socket:** G22

Reference	Power	Lumen output	Colour temperature	Lamp life
LIF: CP92	2 000 W	52 000 lm	3200K	400 h
LIF: CP91	2 500 W	65 000 lm	3200K	400 h

## Optics

### Characteristics

- **Type:** Single lens
- **Beam range:** 16° to 72°
- **Lens:** 200 mm Plano Convex lens

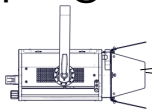
### Gel filter

- **Shape:** Square
  - **Standard size:** 245x245 mm (9.6x9.6 in)
- Front extension cassette for 215x215mm accessories recommended for dark colours*

## Photometrics

with LIF: CP91 source

### • Optics @ 17°



17°

Field angle  
3%

**Beam intensity**  
120 000 cd

<b>Distance</b>	5 m	10 m	15 m	20 m	25 m	30 m
<b>Diameter</b>	1.5 m	3 m	4.5 m	6 m	7.5 m	9 m
<b>Illumination</b>	4 850 lux	1 250 lux	540 lux	310 lux	200 lux	140 lux
<b>Distance</b>	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
<b>Diameter</b>	4.5 ft	10.5 ft	14.9 ft	19.4 ft	23.9 ft	29.9 ft
<b>Illumination</b>	540 fc	100 fc	49 fc	29 fc	19 fc	13 fc

## Dimensions, weight and volumes



**Weight:** 14 kg (30.8 lbs)

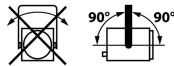
Height	Length	Width	Yoke	Tilt
H= 520 mm (20.5 in)	L= 470 mm (18.5 in)	W= 410 mm (16.1 in)	Y= 345 mm (13.6 in)	TU= TBD°
H1= 320 mm (12.6 in)	L1= 285 mm (11.2 in) L2= 185 mm (7.3 in)	W1= 320 mm (12.6 in)		TD= TBD°

## Shipping

- **Weight :** 16 kg (35.2 lbs)
- **Volume :** .11 m<sup>3</sup> (3.88 ft<sup>3</sup>)

## Installation

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



## Approvals



## Construction

- **Housing:** Steel sheet - Aluminium
- **Colour:** Black
- **Cooling:** Convection cooling
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc) :** 250°C (482°F)
- **Total heat dissipation:** 6 826 BTU/h
- **Protection rating:** 20

## Electrical compatibility

- 230/240 V - 50 Hz
- 115/120 V - 60 Hz

## Power cable



- **Cable:** H07RNF 3G1.5
- **Length:** 3 m (9,8 ft)
- **Connectors:**  
In: CEE 7/7 (2P+E NF/Schuko)  
Out: Not removeable


## Power consumption

Voltage	Frequency	Current	Power
230 V	50 Hz	9 A	2000 W
230 V	50 Hz	11 A	2500 W








## Model

<b>329HPC</b>	2000/2500 W Tungsten Single lens luminaire - G22 socket - 200mm Plano Convex - 329HPC
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## Options

<b>LT-Fresnel</b>	Licht-Technik motorisation controlled by DMX: Pan, tilt, focus, barndoors, colour changer
<b>PCP1716A</b>	16A blue 2P+E 6h IEC60309 power connector 

## Accessories

<b>PF329M</b>	245x245mm metal filter holder - Weight: ,23 Kg <b>1 included</b>	
<b>G329</b>	245x245mm safety grid <b>1 included</b>	
<b>CP91</b>	CP91 - G22 2500W 230V 400h 3200K lamp	
<b>CP92</b>	CP92 - G22 2000W 230V 400h 3200K lamp	
<b>CF329</b>	4 rotating leaves on a rotating barndoor - 245x245mm (without safety cable) - Weight: 1,42 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	