



- **Type:** Single lens luminaire
- **Source:** 1000/1200 W Tungsten
- **Optics:** 200 mm Pebble lens

Reliable and easy to maintain

A large 200 mm lens gives unparalleled light output and quality of beam. The 310H is at home in every venue, large and small, and offers broad coverage with a smooth, even beam. Designed for easy maintenance, this unit has a well-earned reputation for reliability.

Features

- **Theatre front cassette:** no light spill to distract audiences or performers
- **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 rear, even when lantern is hot, for a longer lamp life
- **Tilt reference on hanging yoke:** index for rapid re-positioning

Optical

- **Multiposition socket:** accepts 1000 W and 1200 W lamps
- **Unique 200 mm (8 in) lens:** no equivalent on the market in terms of light output and beam quality

Construction

- **Made in France :** fully manufactured in Robert Juliat 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:310H

DSEN006_310HPB - 16/06/2017

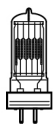
Robert Juliat reserves the right to change or alter any of the items detailed on this page, to increase or improve manufacturing techniques without prior notice.

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ROBERT JULIAT

Source



- **Lamp type:** Tungsten
- **Socket:** Gx9.5

Admissible lamps	Power *	Lumen output*	Colour temperature*	Life*
LIF: T19 (T11) - ANSI: FWP/FWR	1 000 W	21 000 lm	3050K	750 h
LIF: CP70 - ANSI: FVA/FVB	1 000 W	26 000 lm	3200K	200 h
LIF: T29 - ANSI: FWS/FWT	1 200 W	29 000 lm	3050K	400 h
LIF: CP90	1 200 W	30 000 lm	3200K	200 h

(*) manufacturer's data

Optics

Characteristics

- **Type:** Single lens
- **Beam range:** 8° to 63°
- **Lens:** 200 mm Pebble lens

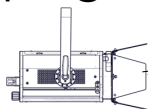
Gel filter

- **Shape:** Square
- **Standard size:** 215x215 mm (8.5x8.5 in)

Photometrics

with LIF: CP90 source

• Optics @ 17°



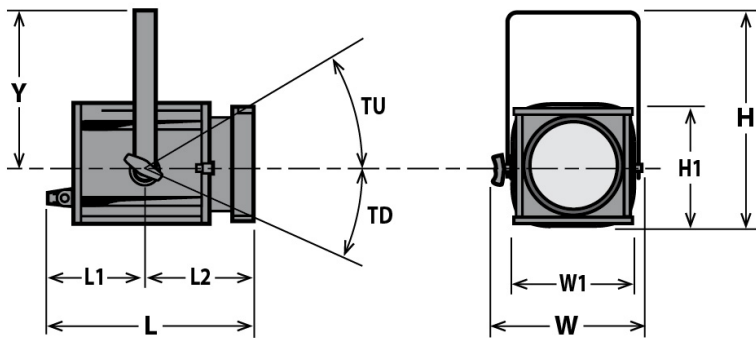
17°

Field angle
3%

Beam intensity
85 000 cd

Distance	3 m	5 m	7 m	10 m	12 m	15 m
Diameter	0.9 m	1.5 m	2.1 m	3 m	3.6 m	4.5 m
Illumination	9 500 lux	3 450 lux	1 750 lux	860 lux	600 lux	380 lux
Distance	10 ft	15 ft	25 ft	35 ft	40 ft	50 ft
Diameter	3 ft	4.5 ft	7.5 ft	10.5 ft	12 ft	14.9 ft
Illumination	860 fc	380 fc	140 fc	70 fc	55 fc	35 fc

Dimensions and weight



Weight: 8.7 kg (19.1 lbs)

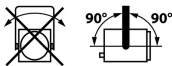
Height	Length	Width	Yoke	Tilt
H= 440 mm (17.3 in) H1= 250 mm (9.8 in)	L= 465 mm (18.3 in) L1= 260 mm (10.2 in) L2= 205 mm (8.1 in)	W= 350 mm (13.8 in) W1= 250 mm (9.8 in)	Y= 315 mm (12.4 in)	TU= TBD° TD= 90°

Shipping

- Weight : 10.6 kg (23.3 lbs)
- Volume : .06 m³ (2.26 ft³)

Installation

- Minimum distance to illuminated surface: 1.1 m (3.6 ft)
- Operating position:



Warranty

- Period: 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): 200°C (392°F)
- Total heat dissipation: 3 413 BTU/h
- Protection rating: 20

Electrical compatibility

- 230/240 V - 50 Hz
- ~~415/420 V - 60 Hz~~

Power input



- Type: attached power cord
- 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
230 V	50 Hz	5 A	1000 W
230 V	50 Hz	6 A	1200 W

Model

310HPB	1000/1200 W Tungsten Single lens luminaire - Gx9.5 socket - 200mm Pebble - 310HPB
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Options

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



Accessories

PF1000M2	215x215mm metal filter holder 1 included	A square metal frame with a circular opening in the center.
G1000	215x215mm safety grid 1 included	A square grid of small squares.
CP70	CP70 - Gx9.5 1000W 230V 200h 3200K lamp	A tall, cylindrical lamp with a glass enclosure and a base.
T19 (T11)	T19 (T11) - Gx9.5 1000W 230V 750h 3050K lamp	A tall, cylindrical lamp with a glass enclosure and a base.
CP90	CP90 - Gx9.5 1200W 230V 200h 3200K lamp	A tall, cylindrical lamp with a glass enclosure and a base.
CF1000	4 rotating leaves on a rotating barndoor - 215x215mm (without safety cable) - Weight: 1,03 Kg	A square frame with four rotating leaves.
876	Hook clamp 40x10mm with 28mm M10 screw for Ø35 to 50mm pipes - SWL: 50Kg - Weight: 1,25 Kg	A hook clamp with a screw and a base.
880	Hook clamp 40x10mm with 28mm M10 screw for Ø50 to 63mm pipes - SWL: 50Kg - Weight: 1,36 Kg	A hook clamp with a screw and a base.
CS2	Safety cable Ø3 mm L= 600mm - SWL: 75 Kg	A coiled safety cable.