



# Product Specification Sheet

## Arena High Performance Fresnel



**A 2.0kW / 2.5kW Fresnel luminaire using a 250mm lens. Beam quality is excellent with a well-controlled flat even field with a distinct “white-blue” tint.**

The Arena High Performance Fresnel offers superior light output, strength and industry leading performance.

### Features

Leading performance for a theatre Fresnel due to 250mm diameter lens.

Wide range of beam angles: 9° - 56°.

Integrated safety bond rated for the luminaire.

Flat even beam with very little spill allows clean masking with barndoor flaps.

Adjustable yoke balance point.

Swing-down door for easy access to lamp or lens.

“Cool Touch Technology” – rear mouldings and large rear grab handle.

Your choice of GY16 lamp socket for CP72, 2.0kW lamp or G22 lamp socket for CP91 2.5kW or CP92 2.0kW lamp.

‘Posi -slide’ focus system with no metal to metal contact provides smooth focus movement.

Effective airflow maintains lower body temperature.

Constructed of pressure die-castings and aluminium extrusion.

### Lamps: 220V -240V

#### GY16 lamp socket / 2000W

**CP72**  
50,000 lumens      400 hours average life

#### G22 lamp socket / 2500W

**CP91**  
65,000 lumens      400 hours average life

#### G22 lamp socket / 2000W

**CP92**  
50,000 lumens      400 hours average life

### Order codes

**10SF2520GY16**  
Arena H.P. Fresnel - GY16  
**10SF2525G22**  
Arena H.P. Fresnel - G22

**20BDSF2025**      Barndoor  
**20SM25**            Lens safety mesh  
**20HC**                Suspension hookclamp

### Approvals

Fully tested and compliant to CE standards.



## Photometric data

Tests conducted using standard Philips lamps.

		Beam Diameter in metres										
Beam angle		0	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1	
Beam angle	9 °	0	0.6	0.9	1.3	1.6	1.9	2.2	2.5	2.8	3.1	
Beam angle	56 °	0	4.3	6.4	8.5	10.6	12.8	14.9	17.0	19.1	21.3	

		Light Output in Lux												
Throw Distance in metres		0	4	6	8	10	12	14	16	18	20			
Lamp	Base													
			Spot	Flood	Spot	Flood	Spot	Flood	Spot	Flood	Spot	Flood		
CP91 2500W	G22		24200	1927	10756	856	6050	482	3872	2689	1976	1513	1195	968
CP92 2000W	G22		18810	1586	8360	705	4703	397	3010	2090	1536	1176	929	752
CP72 2000W	GY16		19800	1432	8800	636	4950	358	3168	2200	1616	1238	978	792

**Field Angles for:**  
 CP91 2500W: 16° - 73°      CP92 2000W: 18° - 73°      CP72 2000W: 13° - 77°

## Physical Data

**Weight:** 8.7kg

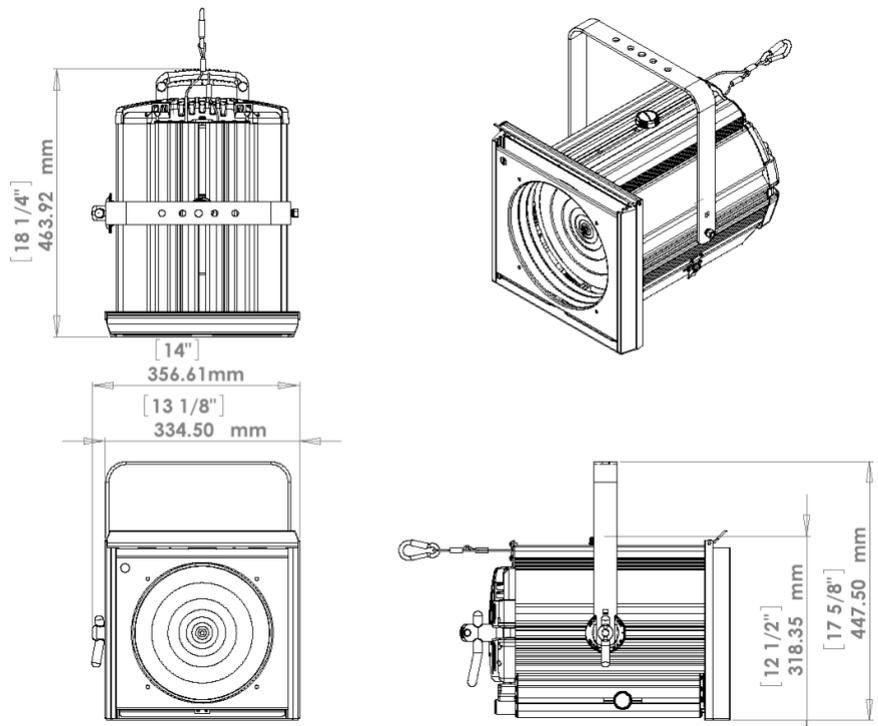
**Packed Weight:** 11.0kg

**Carton Size:** 310 x 375 x 520

**Carton Size Cubic:** 0.06

**Colour Frame Size:** 245mm x 310mm

**Included:** 1x colour frame, 1x M12 suspension bolt set, instruction leaflet.



Selecon reserves the right to change the specifications without notice (June 2008)