



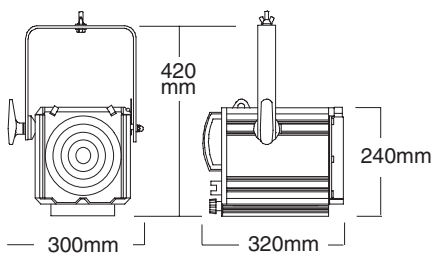
CANTATA 1200W

Features

The Cantata range combines all the features and performance criteria demanded by the professional theatre to become the 1.2kW spotlights of choice for lighting professionals.

- ❑ Range comprises Fresnel and PC Spot and three variable beam angle profile spots.
- ❑ Profile spots incorporate rotating gate assembly
- ❑ All models feature drop down lamp tray for easy lamp access and reflector cleaning
- ❑ Mains supply isolated when lamptray opened
- ❑ Easy to use lamp adjustment on profiles
- ❑ Durable construction of pressure die cast and extruded aluminium

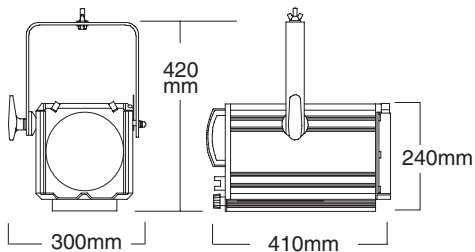
Cantata F



Cantata F (Fresnel)



Cantata PC



Cantata PC (Prism-Convex)



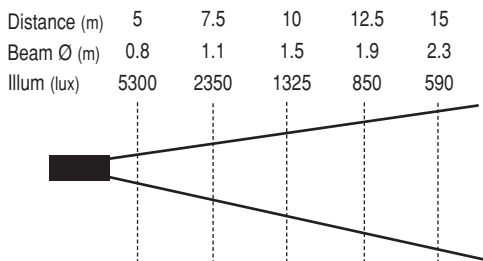
Weights and dimensions

	F	PC
Weight	5.8kg	7.2kg
Packed weight	7.7kg	9.1kg
Packed length	530mm	600mm
Packed width	390mm	390mm
Packed height	390mm	390mm

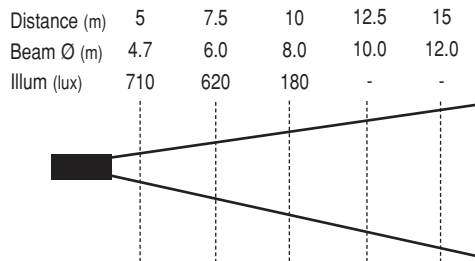


Photometric data

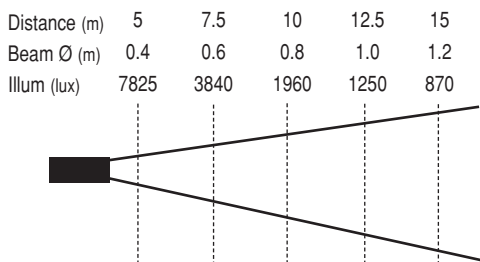
Cantata F : Narrow



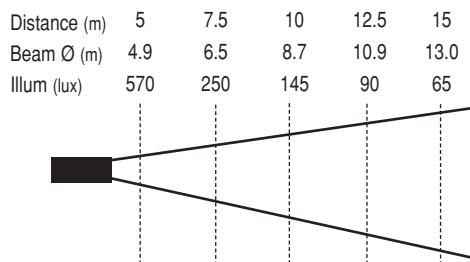
Cantata F : Wide



Cantata PC: Narrow



Cantata PC: Wide



To calculate lux levels at any throw distance divide the following factors by the distance squared:

	F		PC	
	N	W	N	W
Lux	132243	17715	195652	14238

e.g. Cantata PC at full flood over 12m throw $14238/144 = 98.9\text{Lux}$

To calculate beam diameters at any throw distance multiply the throw in metres by the following factors:

	F		PC	
	N	W	N	W
Dia	0.15	0.81	0.08	0.87

e.g. Cantata PC at full flood over 12m throw $0.87 \times 12 = 10.44\text{m}$



Operational features

Lamp Access

Through drop down lamp tray secured by quarter turn fastener. Lamp tray can only be opened after removal of power connector ensuring full electrical isolation.

Focus Adjustment

F & PC: By rotary control on rear of lamphouse

Ordering information

Cantata spotlights are supplied complete with 1.5m of detachable cable with IEC 320 appliance connector and fitted plug, metal colour frame and T29 1200W lamp. 240V models come with 15A plug and 240V lamp.

Cat No	Description	Optional accessories
12030	Cantata F	18104 Additional colour frame, metal
12044	Cantata PC, 240V	18106 Barndoor, 4 leaf rotatable
		82001 Safety cable, heavy duty <i>(NB it is recommended that Cantata profiles are rigged using the heavy-duty safety cable)</i>
		82010 Hook clamp
		55001 Colour Call Scroller CC1

Mechanical/electrical data

Construction

Pressure die cast front and rear panels with extruded aluminium side panels and mild steel infill panels all finished in black epoxy powder coating.

Lenses

Heat resistant borosilicate lenses. F & PC lenses mounted in die cast front panel.

Lampholder

GX9.5 to take lamps of 67 mm LCL (55 mm in alternative lampholder location) and maximum of 1200W

Supply Voltage

230V +/- 10% 50/60Hz

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