CANTATA™
# *Fresnel & PC 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
- ❑ 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

420 mm
240mm
300mm
320mm

Cantata PC

420 mm
240mm
300mm
410mm
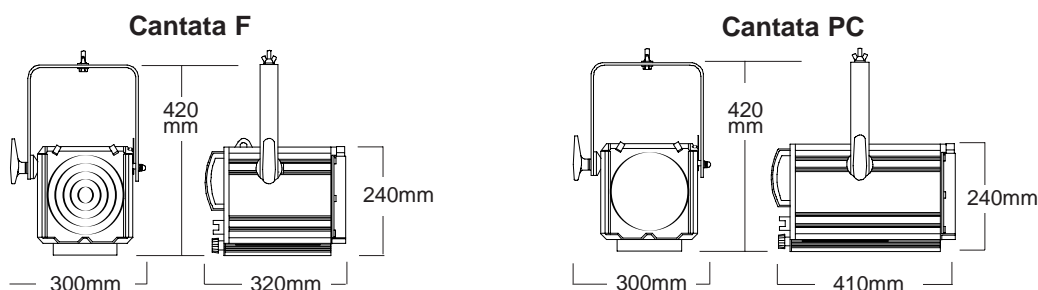
Weights and dimensions

	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

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
By rotary control on rear of lamphouse

Lamp Adjustment
Lamp alignment adjusted by screwdriver on rear panel. Adjustment provided on all models for shorter LCL of T19 1000W lamps by alternative slide-in lampholder location

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 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
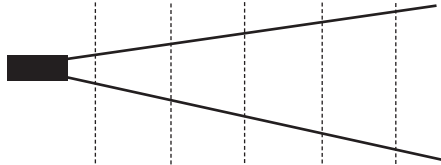
Supply Voltage
230V +/- 10% 50/60Hz

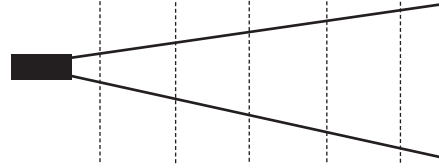## STRAND LIGHTING DATA SHEETS

Photometric data

Cantata F : Narrow

Distance (m)	5	7.5	10	12.5	15
Beam Ø (m)	0.8	1.1	1.5	1.9	2.3
Illum (lux)	5300	2350	1325	850	590

Cantata F : Wide

Distance (m)	5	7.5	10	12.5	15
Beam Ø (m)	4.7	6.0	8.0	10.0	12.0
Illum (lux)	710	620	180	-	-

Cantata PC: Narrow

Distance (m)	5	7.5	10	12.5	15
Beam Ø (m)	0.4	0.6	0.8	1.0	1.2
Illum (lux)	7825	3840	1960	1250	870
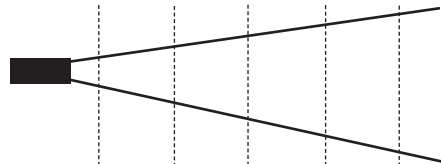
Cantata PC: Wide

Distance (m)	5	7.5	10	12.5	15
Beam Ø (m)	4.9	6.5	8.7	10.9	13.0
Illum (lux)	570	250	145	90	65
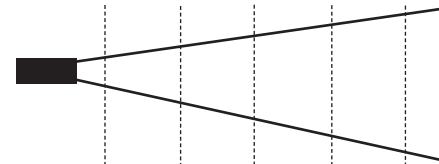
To calculate lux levels at any throw distance divide the following factors by the distance squared:

	F		PC	
	N	W	N	W
Lux	132243	17715	195652	14238

e.g. Cantata PC at full flood over 12m throw   14238/144 = 98.9Lux

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 x 12 = 10.44m

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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. 230V models come with Schuko connector and 230V lamp.

Cat No	Description
12034	Cantata F, 240V
12033	Cantata F, 230V
12044	Cantata PC, 240V
12043	Cantata PC, 230V

Optional accessories

Cat No	Description
18104	Additional colour frame, metal
18106	Barndoor, 4 leaf rotatable
82001	Safety cable, heavy duty
	(NB it is recommended that Cantata profiles are rigged using the heavy duty safety cable)
82010	Hook clamp
55001	Colour Call scroller CC1
41293	Additional T29 lamp 1200W, 3050K, 400Hr - 230V
41294	Additional T29 lamp 1200W, 3050K, 400Hr - 240V

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