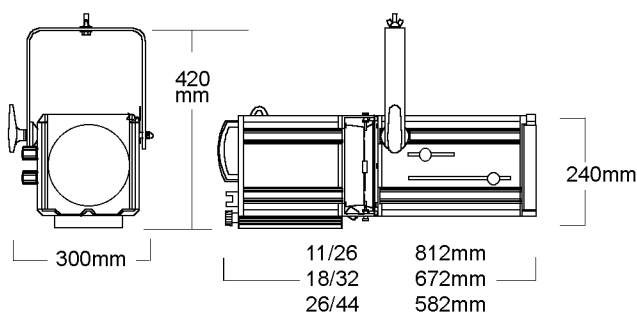


# CANTATA™ 1200W

## 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.

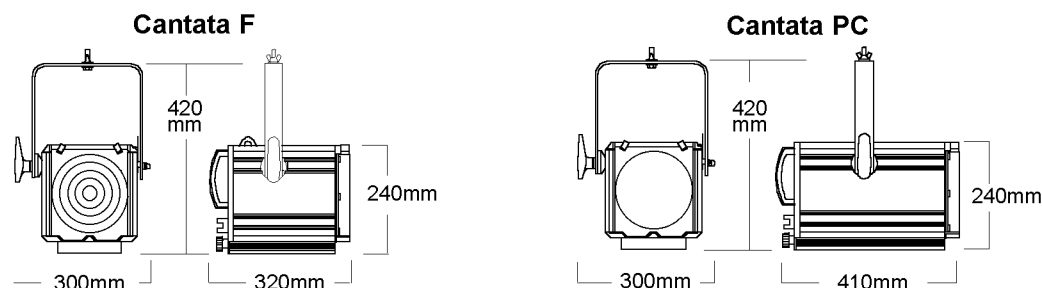
- ❑ Range comprises Fresnel and PC Spot and three variable beam angle profile spots.
- ❑ Profile spots incorporate rotating gate assembly
- ❑ All models feature drop down lamp tray for easy lamp access and reflector cleaning
- ❑ Mains supply isolated when lamptray opened
- ❑ Easy to use lamp adjustment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



**Cantata 11/26**

**Cantata 18/32**

**Cantata 26/44**

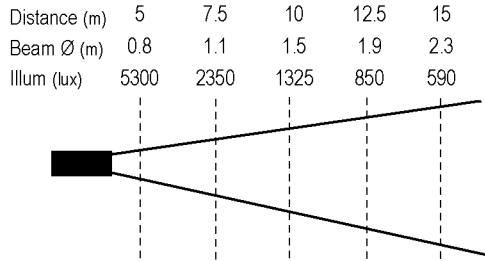


## Weights and dimensions

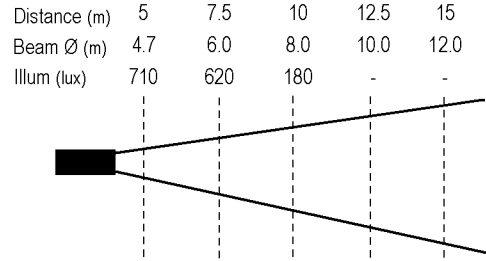
	<b>F</b>	<b>PC</b>	<b>11/26</b>	<b>18/32</b>	<b>26/44</b>
Weight	5.8kg	7.2kg	12.8kg	12.0kg	11.0kg
Packed weight	7.7kg	9.1kg	16.1kg	15.1kg	13.6kg
Packed length	530mm	600mm	960mm	820mm	730mm
Packed width	390mm	390mm	390mm	390mm	390mm
Packed height	390mm	390mm	390mm	390mm	390mm

## Photometric data

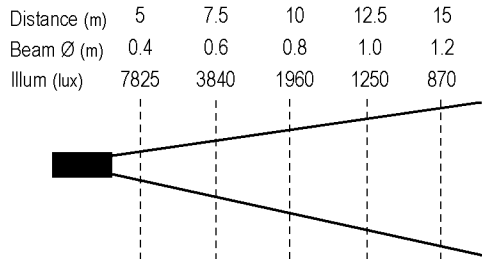
**Cantata F : Narrow**



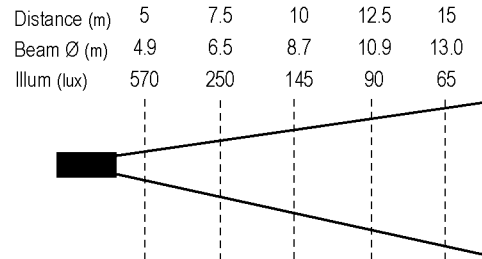
**Cantata F : Wide**



**Cantata PC: Narrow**



**Cantata PC: Wide**



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

	<b>F</b>		<b>PC</b>		<b>11/26</b>		<b>18/32</b>		<b>26/44</b>	
Lux	N	W	N	W	N	W	N	W	N	W
	132243	17715	195652	14238	276776	130037	267232	140774	110949	55668

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

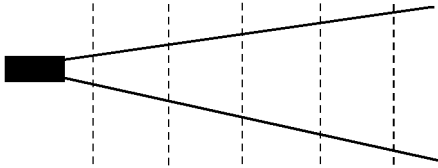
To calculate beam diameters at any throw distance multiply the throw in metres by the following factors:

	<b>F</b>		<b>PC</b>		<b>11/26</b>		<b>18/32</b>		<b>26/44</b>	
Dia	N	W	N	W	N	W	N	W	N	W
	0.15	0.81	0.08	0.87	0.19	0.46	0.32	0.57	0.46	0.81

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

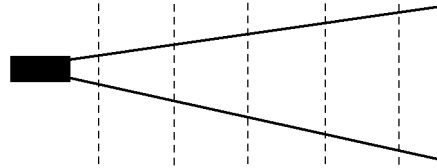
**Cantata 11/26 : Narrow**

Distance (m)	10	15	20	25	30
Beam Ø (m)	1.9	2.9	3.8	4.8	5.8
Illum (lux)	2770	1230	690	1770	310



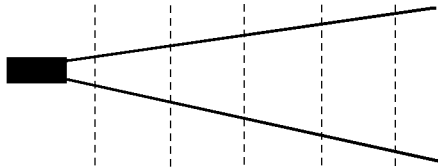
**Cantata 11/26 : Wide**

Distance (m)	10	15	20	25	30
Beam Ø (m)	4.6	6.9	9.2	11.5	13.8
Illum (lux)	1300	580	325	210	145



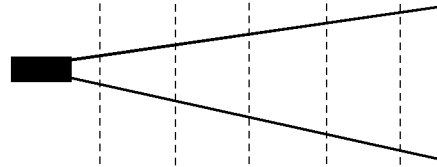
**Cantata 18/32 : Narrow**

Distance (m)	10	15	20	25	30
Beam Ø (m)	3.2	4.75	6.3	7.9	9.5
Illum (lux)	2670	1190	670	425	300



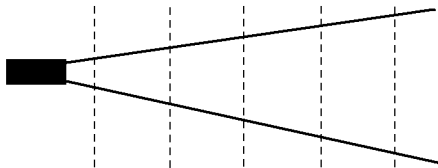
**Cantata 18/32 :Wide**

Distance (m)	10	15	20	25	30
Beam Ø (m)	5.7	8.6	11.5	14.3	17.2
Illum (lux)	1410	625	350	225	155



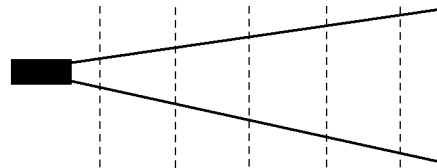
**Cantata 26/44 : Narrow**

Distance (m)	7.5	10	12.5	15	17.5
Beam Ø (m)	3.5	4.6	5.8	6.9	8.1
Illum (lux)	1975	1110	710	495	360



**Cantata 26/44 : Wide**

Distance (m)	7.5	10	12.5	15	17.5
Beam Ø (m)	6.1	8.1	10.1	12.1	14.1
Illum (lux)	990	560	355	250	180



## 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

Profiles: By locking screw handles on side of lens tubes with focus setting indication provided

### Lamp Adjustment

Beam distribution on profiles adjusted by rotary control on rear of lamphouse. 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.

### Gate

Fully rotatable gate assembly housing four removable beam shaping shutters and runners for gobo holder or iris in pressure die cast aluminium held between pressed steel bulkhead plates.

### Lenses

Heat resistant borosilicate lenses. F & PC lenses mounted in die cast front panel. Profile lenses housed in pressed steel carriers on die cast aluminium sliders running in extruded slots in lenstube side panels.

### 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

## 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	Optional accessories
12034	Cantata F, 240V	18045 Holder for 'B' size gobos
12033	Cantata F, 230V	18103 Iris, 18 leaf
12044	Cantata PC, 240V	18104 Additional colour frame, metal
12043	Cantata PC, 230V	18106 Barndoor, 4 leaf rotatable
12054	Cantata 11/26, 240V	82001 Safety cable, heavy duty <i>(NB it is recommended that Cantata profiles are rigged using the heavy duty safety cable)</i>
12053	Cantata 11/26, 230V	
12064	Cantata 18/32, 240V	82010 Hook clamp
12063	Cantata 18/32, 230V	55001 Colour Call Scroller CC1
12074	Cantata 26/44, 240V	41293 Additional T29 Lamp 1200W, 3050K, 400Hr - 230V
12073	Cantata 26/44, 230V	41294 Additional T29 Lamp 1200W, 3050K, 400Hr - 240V

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