



Strand Lighting

P R O D U C T D A T A

### Prelude F

Fresnel spotlight giving a 9° - 40° soft-edged variable beam with good distribution. Optional barndoor accessory.

⚡ 650W ⚡ 230/240V ◡ 9° - 40° ⚖ 3.5kg  
 ✨ 1040 Lux ⚡ 8m ✖ 150 x 150mm 📦 4.5kg  
 📦 0.032m³ ✓ EN60 598 2-17

#### Cat. No. Description

11104	Prelude F, 240V T26 Lamp, 15A plug
11103	Prelude F, 230V T26 Lamp, Schuko plug

### Prelude PC

Compact spotlight giving a tighter beam and wider range of beam angles, from 7.5° to 55°. Optional barndoor accessory.

⚡ 650W ⚡ 230/240V ◡ 7.5° - 55° ⚖ 3.6kg  
 ✨ 800 Lux ⚡ 8m ✖ 150 x 150mm 📦 4.8kg  
 📦 0.036m³ ✓ EN60 598 2-17

#### Cat. No. Description

11114	Prelude PC, 240V T26 Lamp, 15A plug
11113	Prelude PC, 230V T26 Lamp, Schuko plug

### Prelude I6/30

Zoom profile spotlight with variable 16° - 30° beam for medium throws. Excellent beam quality gives crisp gobo projection. Includes four integral beam-shaping shutters and slot for a gobo (pattern) holder or iris. Optional iris diaphragm or gobo holder, and wire guard.

⚡ 650W ⚡ 230/240V ◡ 16° - 30° ⚖ 6.5kg  
 ✨ 1000 Lux ⚡ 8m ✖ 150 x 150mm Ⓟ B 📦 8.3kg  
 📦 0.073m³ ✓ EN60 598 2-17

#### Cat. No. Description

11124	Prelude I6/30, 240V T26 Lamp, 15A plug
11123	Prelude I6/30, 230V T26 Lamp, Schuko plug

### Prelude 28/40

Zoom profile spotlight with a variable 28° - 40° beam, ideal for shorter throws and over-stage use. Includes four integral beam-shaping shutters and slot for a gobo (pattern) holder or iris. Optional iris diaphragm or gobo holder, and wire guard.

⚡ 650W ⚡ 230/240V ◡ 28° - 40° ⚖ 6.3kg ✨ 542 Lux  
 ⚡ 8m ✖ 150 x 150mm Ⓟ B 📦 7.7kg 📦 0.065m³  
 ✓ EN60 598 2-17

#### Cat. No. Description

11134	Prelude 28/40, 240V T26 Lamp, 15A plug
11133	Prelude 28/40, 230V T26 Lamp, Schuko plug

### Prelude Accessories

#### Cat. No. Description

41264	Additional T 26, 650W, 240V lamp
41263	Additional T 26, 650W, 230V lamp
18040	Barndoor, 4-leaf rotatable
18046	Iris 18-leaf
18045	Holder for 'B' size gobos
18047	Lens guard 25mm mesh
18043	Additional colour frame, card
18044	Colour frame, metal
82010	Hook Clamp
82000	Safety cable, light duty (up to 16kg)

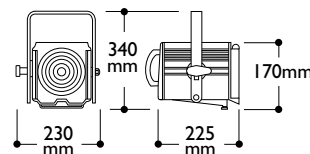
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## SPOTLIGHTS

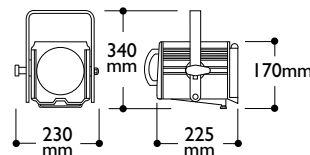
# PRELUDE™

## 650W

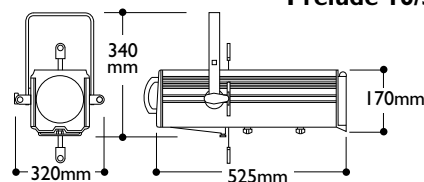
### Prelude F



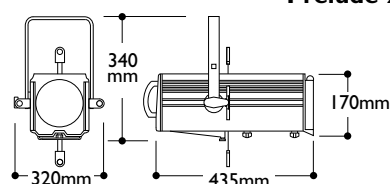
### Prelude PC



### Prelude I6/30



### Prelude 28/40



- Professional specification 650W spotlights
- Suitable for small to medium size venues
- High-performance optics
- Electrically-isolated during lamp replacement
- Dual-height stirrup
- Easy access for lens cleaning
- Insulated rear handle
- Supplied in black finish with 650W T26 lamp, colour frame, mounting fork with M10 wingnut and bolt, and detachable 1.5m power cable with plug fitted
- Available as either 240V version (with 240V lamp and 15A plug) or 230V version (with 230V lamp and Schuko plug)

### A GUIDE TO SYMBOLS AND ABBREVIATIONS

**GENERAL** ⚡ Supply voltage ⚡ Current rating ⚖ Weight of product 📦 Packed weight 📦 Packed volume  
 📦 Overall dimension of product ✓ Compliance with international standards. ⚡ Watts (maximum recommended) ◡ Beam angle (Half-peak angles for Fresnels and PCs. Cut-off angles for profile spotlights)  
 ⚡ Throw (usual working distance from subject in metres) ✨ Illuminance (maximum Lux at throw distance stated with lamp recommended or supplied) Ⓟ Gobo (pattern) size. B = 86mm dia., 64.5mm image dia.  
 ✖ Colour filter cut size BS British Standard. IP International Protection Standard

**Photometric Data**

Typical performance based on 650W T26 240V lamp

Throw (metres)	4		8		12		16	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Prelude F (N)	4160	0.6	1040	1.2	462	1.8	260	2.5
Prelude F (W)	790	2.9	200	5.8	90	8.73	50	11.6
Prelude PC (N)	3200	0.52	800	1.04	355	1.57	200	2.09
Prelude PC (W)	425	4.16	106	8.3	50	12.5		
Prelude 16/30 (N)	3975	1.12	1000	2.24	440	3.36	250	4.48
Prelude 16/30 (W)	2275	2.14	570	4.6	250	6.9	140	9.2
Prelude 28/40 (N)	2170	2.0	542	4.0	240	6.0	135	8.0
Prelude 28/40 (W)	1370	2.9	340	5.8	150	8.7	85	11.6

Ø Beam Diameter in metres

**Peak Intensity, Half Peak and Cut-off**

	1/2 Pk (Peaky)	Candelas (Peaky)	1/2 Pk (Flat)	Candelas (Flat)	Cut-off
Prelude 16/30 (N)	12.2°	63573	17.8°	49953	16°
Prelude 16/30 (W)	14.6°	36382	28.3°	18619	32°
Prelude 28/40 (N)	14.7°	34715	26.5°	19238	28°
Prelude 28/40 (W)	18.4°	21858	39.3°	9206	40°

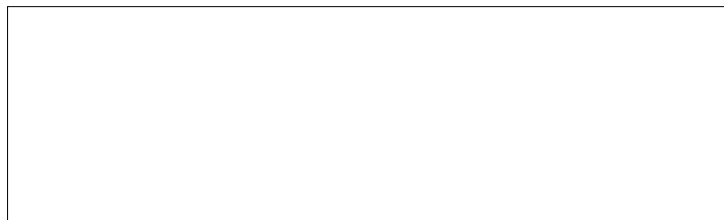
	1/2 Pk	1/10 Pk	Pk. Candelas
Prelude F (N)	7.5°	14.4°	66572
Prelude F (W)	35.5°	45.5°	12666
Prelude PC (N)	8.5°	15°	51144
Prelude PC (W)	52°	60.6°	6793

**Lamp Data**

Specify lamps for replacement purposes to the following specifications

	650W	650W	500W	500W
Watts	650W	650W	500W	500W
Voltage	240V	230V	240V	230V
Designation	T26	T26	T18	T18
Base	GY9.5	GY9.5	GY9.5	GY9.5
Cat. No.	41264	41263	41184	41183
Rated Life-Hours	400	400	400	400
Colour Temp	3050K	3050K	3050K	3050K
Watts	500W		500W	
Voltage	240V		230V	
Designation	M40		M40	
Base	GY9.5		GY9.5	
Cat. No.	41404		41403	
Rated Life-Hours	2000		2000	
Colour Temp	2900K		2900K	

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**Electrical Data**

Supply Voltage	230V/240V 50/60Hz
Max Lamp Watts	650W
Lamp Type/Socket	T26 650W, T18, M40, 500W GY 9.5
Cable/Connections	Supplied with 1.5m power cable silicone insulated terminating in female connector to luminaire at one end and in a 15A plug at the other. (Alternative connectors may be specified).
Standards Compliance	Designed to conform to EN 60 598 2-17

**Environmental Data**

Max Operating Ambient Temp	45°C
Max Surface Temp	240°C
IP Rating	IP20
Tilt/Recommended Angles of Use	45° - 0 - 90°

**Mechanical Data**

Paint/Finish	Black epoxy powder coat paint finish.
Lamp House	Pressure diecast and extruded aluminium, baffled to prevent light spill and allow ventilation. Heat resistant rear handle.
Lens Tube (Profiles)	Pressure diecast and extruded aluminium sides with top opening access panels for lamp cleaning.
Mounting/Suspension	Aluminium fork, insulated handle, with M10 bolt, washer and wingnut for attachment and swivel adjustment.

**Weights and Dimensions**

	F	PC	16/30	28/40
Weight	3.5kg	3.6kg	6.5kg	6.3kg
Length	225mm	235mm	525mm	435mm
Width	230mm	230mm	230mm	230mm
Height	340mm	340mm	340mm	340mm
Packed weight	4.5kg	4.8kg	8.3kg	7.7kg
Packed length	410mm	410mm	715mm	620mm
Packed width	300mm	300mm	315mm	315mm
Packed height	260mm	260mm	300mm	300mm
Filter cut size	150mm x 150mm			

**Optical System**

<b>F &amp; PC</b>	Lamp filament placed on focal point of hemispherical reflector projects rays towards single lens. Distance between lamp/reflector carriage and lens is adjustable.
<b>Profiles</b>	Light collimated through gate using near ellipsoidal reflector of polished anodised aluminium. Image at gate projected using two plano-convex lens.
<b>Reflector</b>	Profiles: 120mmØ near ellipsoidal reflector of high reflectivity anodised aluminium. Fresnel & PC: 75mmØ edge masked hemispherical reflector of high reflectivity anodised aluminium.
<b>Lens(es)</b>	<b>F</b> 120mmØ Fresnel lens of heat resistant borosilicate glass behind 25mm mesh guard. <b>PC</b> 120mm Ø prism convex lens of heat resistant borosilicate glass behind 25mm mesh guard. <b>16/30</b> <b>28/40</b> 100 and 120mmØ      100 and 100mmØ Lenses of heat resistant clear borosilicate glass mounted in pressed steel carriers which slide in underside slot.
<b>Gobo Size</b>	B

**Operational Data**

<b>Lamp Access</b>	Through hinge-down lampray after removal of power cable.
<b>Focus Adjustment</b>	Slide adjustment by means of locking thumbwheel on underside of luminaire.
<b>Peaky/Flat Field Adjustment (Profiles)</b>	Slide adjustment by thumb wheel on underside of lamp tray.
<b>Beam Shaping</b>	Fresnel & PC: The four colour runners will accept an accessory 4-leaf rotating barndoor Profiles: The gate assembly is supplied with four beam shaping shutters, each with insulated handle, and runners for gobo holder or iris diaphragm.
<b>Pan</b>	Pivot around M12 bolt through centre of fork, or using DIN 15560 mounting.
<b>Tilt</b>	Adjustment by means of pivots on either sides of fork, locked by T-handle on interlocking spring cup and disk mechanism.