

# Strand Lighting

## PRODUCT DATA

### Brio 18/30 & 25/50

Variable angle, axial optics profile spotlight with 18° to 30° and 25° to 50° beam angles and reflector designed to optimise performance from new GKV 600W high efficiency lamps.

Supplied complete with colour frame, 1.5m of cable with fitted Schuko or 15A plug and 230V or 240V HX 600 lamp.

Cat. No.	Description
11153	Brio 18/30, 230V GKV lamp, Schuko plug
11154	Brio 18/30, 240V GKV lamp, 15A plug
11143	Brio 25/50, 230V GKV lamp, Schuko plug
11144	Brio 25/50, 240V GKV lamp, 15A plug

### Brio 18/30 & 25/50 Accessories

Cat. No.	Description
18044	Additional Colour frame
18048	Gobo Holder
18046	Drop-in Iris
82000	Safety Cable, light duty (up to 10kg)

### Brio 18/30 & 25/50 Lamps

Cat. No.	Description
43783	Additional GKV (HX 600) 600W 230V lamp
43784	Additional GKV (HX 600) 600W 240V lamp

### Photometric Data

Lux levels based on GKV, 600W lamp

Throw in metres	5	10	15	20	25
<b>Brio 18/30</b>					
18°	4725	1181	525	295	189
30°	3860	965	429	241	154
<b>Brio 25/50</b>					
25°	3804	951	423	238	152
50°	2078	520	231	130	83

Performance at any distance: Narrow (18°)  $112000 \div \text{Distance}^2$  Wide (30°)  $74000 \div \text{Distance}^2$   
 Narrow (25°)  $106000 \div \text{Distance}^2$  Wide (50°)  $45000 \div \text{Distance}^2$

Beam Diameter in metres for projected throw

Throw in metres	5	10	15	20	25
<b>Brio 18/30</b>					
18°	3.08	6.20	9.25	12.30	15.40
30°	4.70	9.40	14.10	18.82	23.52
<b>Brio 25/50</b>					
25°	4.08	8.20	12.25	16.30	20.40
50°	6.57	13.14	19.7	26.27	32.84

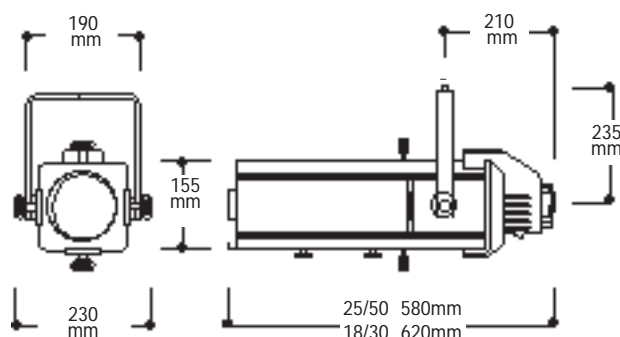
Beam diameter at any distance: Narrow (18°)  $.32 \times \text{Distance}$  Wide (30°)  $.54 \times \text{Distance}$   
 Narrow (25°)  $.44 \times \text{Distance}$  Wide (50°)  $.93 \times \text{Distance}$

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## SPOTLIGHTS

## BRIO 18/30 & 25/50 Zoom 'Coolbeam' Profile Spotlights 600W

### Brio 18/30 & 25/50



- High efficiency glass dichroic reflector for superb performance
- Dichroic reflector with EOS coating for cool beam, extended gobo and colour gel life and high colour temperature
- Excellent gobo projection and even beam distribution
- Sharp, precise shuttering
- High efficiency axial optics designed around new generation GKV compact filament lamp
- Can be used in place of older generation 1kW and 1.2kW spotlights
- Compact dimensions and light weight are ideal for tight rigging and front of house situations
- Two models cover 18° to 30° and 25° to 50° beam angle range
- Patented user friendly lamp adjustment system for lamp centring and field adjustment
- Bayonet action lamp change system maintains field adjustment when re-lamping
- Smooth action zoom lens adjustment with click stop positioning in steps for pre-defined beam angles
- Rock solid tilt angle lock off
- Sliding access cover for lens cleaning and for iris and gobo holder installation
- CE marked

**Lamp Data**

Order lamps for replacement to the following specifications

	230V	240V
<b>Designation</b> (ANSI Code)	GKV	GKV
<b>Base</b>	G9.5	G9.5
<b>Lumens</b>	14500	14500
<b>Rated Life-Hours</b>	300	300
<b>Colour Temp</b>	3200K	3200K
<b>Cat. No.</b>	43783	43784

**Electrical Data**

<b>Supply Voltage</b>	220 to 240V 50/60Hz
<b>Max Lamp Watts</b>	600W
<b>Lamp Type/Socket</b>	TP 22 G9.5
<b>Cable/Connections</b>	1.5m silicone insulated power cable with 15A or Schuko fitted connector, strain relieved in rear handle
<b>Standards Compliance</b>	CE marked for compliance with EU safety and EMC directives

**Environmental Data**

<b>Max Operating Ambient Temp</b>	45°C
<b>Max Surface Temp</b>	220°C
<b>IP Rating</b>	IP20
<b>Recommended angles of use</b>	↑90° - 0 - ↓90°

**Mechanical Data**

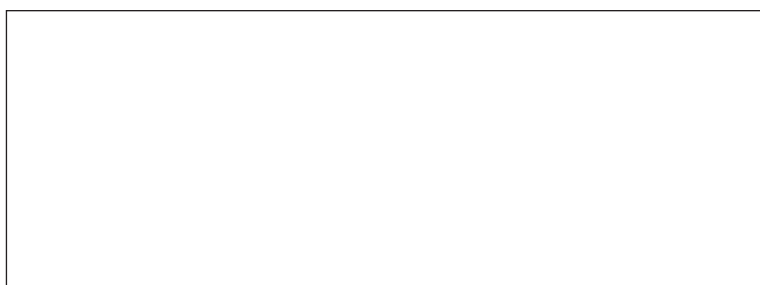
<b>Construction</b>	The fixture housing is constructed from extruded aluminium sides, pressure diecast lamp housing and aluminium infill panels designed to allow adequate ventilation and cooling of the interior without allowing the passage of stray internal reflections
<b>Paint/Finish</b>	Black powder coated and baked epoxy finish
<b>Gate Assembly</b>	Four removable beam shaping shutters of steel alloy
<b>Reflector</b>	Glass ellipsoidal reflector designed to optimise performance from GKV high efficiency lamp
<b>Lenses</b>	Lenses of heat resistant clear borosilicate glass mounted in die cast aluminium carriers. Each lens carrier mounted on a carriagetrack slides independently of the other on Teflon® guides and locks into place with thermally insulated plastic knobs. Detent lens positioning provides easy beam angle adjustment to predefined steps
<b>Mounting and Suspension</b>	Mild steel yoke fitted with heat insulated handle and interlocking cup arrangement for tilt adjustment and positive locking
<b>Rear Handle</b>	Heat insulated handle mounted on rear of fixture
<b>Gobo Size</b>	A

**Weights and Dimensions**

	Brio 18/30	Brio 25/50
<b>Length</b>	600mm	560mm
<b>Width</b>	220mm	220mm
<b>Height</b>	379mm	379mm
<b>Weight</b>	6.2kg	5.9kg
<b>Packed Weight</b>	7.2kg	6.9kg
<b>Filter Cut Size</b>	158 x 158 mm	158 x 158 mm
<b>Colour frame</b>	Metal colour frame	Metal colour frame

**Operational Data**

<b>Lamp Access</b>	Bayonet action, removable lamp assembly provides access to lamp without altering field adjustment
<b>Lens Accessory Access</b>	Sliding top panel gives access to lenses for cleaning and to accessory runners for iris and gobo holders
<b>Focus Adjustment</b>	Lens position adjusted by handles on bottom of lens tube where focus setting indication is provided
<b>Field Adjustment</b>	By fore and aft adjustment of lamp socket assembly in rear housing
<b>Lamp Alignment</b>	By patented screwdriver adjustment through rear handle
<b>Beam Shaping</b>	Four framing shutters and optional drop in iris
<b>Tilt Adjustment</b>	By means of pivots on either side of yoke, locked by T-handle on interlocking cup arrangement



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