Strand Lighting

BAMBINO™
(including Mizar™)
500W, 1000W, 2000W & 5000W

Mizar 500W

115mm · 160mm · 155mm

Bambino 1000W

223mm · 229mm · 229mm

Bambino 2000W

380mm · 300mm · 280mm

Bambino 5000W

590mm · 490mm · 435mm · 350mm

Mizar 500W Fresnel

Smallest studio Fresnel in the range, will take 500W or 300W lamps and its very compact dimensions make it ideal for detailed or special effects lighting in confined spaces. Supplied with barndoor, 500W CP82 lamp, stirrup with 16mm socket and 3.5m power cable with in-line switch.

(Mizar is also available as part of a portable lighting kit; refer to Portables 2 Data Sheet for further details.)

W 500W V 230/240V K 14°- 41.5° 🔺 1.8kg
☀ 1008 Lux ◆▶ 5m ✂ 110mm dia. 🔲 2kg
🔳 0.008m³ ✔ EN60 598 2-17

Cat. No.	Description
26204	Mizar 500W, 240V
26203	Mizar 500W, 230V

Mizar Accessories

Cat. No.	Description
43814	300W 240V CP81 lamp
43813	300W 230V CP81 lamp
43824	Additional 500W 240V CP82 lamp
43823	Additional 500W 230V CP82 lamp
41184	500W 240V T18 lamp
41183	500W 230V T18 lamp
28080	Colour frame
28040	Additional 4-leaf barndoor
28301	Scrim set No.1 (full & half 50%; full & half 66%)
28081	Cone (variable 30/50/70mm)
82602	Small Gaffer Grip 16mm Spigot
81001	Table stand with 16mm spigot
81003	Mercury stand, black
81005	Spartan stand, black

Bambino 1000W Fresnel

Powerful compact Fresnel designed for location work and confined studio situations. Supplied with barndoor, 1000W CP40 lamp, colour/diffuser frame, stirrup with 16mm socket and 7m of 3-core cable with in-line switch.

W 1000W V 230/240V K 12°- 56° 🔺 6kg
☀ 1825 Lux ◆▶ 6m ✂ 180mm dia. 🔲 7.5kg
🔳 0.041m³ ✔ EN60 598 2-17

Cat. No.	Description
26214	Bambino 1000W, 240V
26213	Bambino 1000W, 230V

Bambino 1000W Accessories

Cat. No.	Description
43404	Additional 1000W 240V CP40 lamp
43403	Additional 1000W 230V CP40 lamp
43394	650W 240V CP39 lamp
43393	650W 230V CP39 lamp
28303	Scrim set No.3 (full & half 50%; full & half 66%)
28082	Additional colour frame
28045	Additional 4-leaf barndoor
82002	Safety bond, 50kg
82012	Hook clamp to accept 29mm spigot
82020	16mm to 29mm spigot adaptor
82603	Large Gaffer Grip 16mm Spigot
81009	Trojan stand, black
81011	Hercules stand, black, with castors

Bambino 2000W Fresnel

Compact location and studio Fresnel. Same overall size as Polaris 1000W studio fresnel but with improved ventilation system for 2000W operation where size is critical. Supplied with barndoor, colour/diffuser frame, stirrup with 29mm spigot, and 7m of 3-core cable with in-line power switch. Manual or Pole Operation version available. Requires CP41 2000W lamp.

W 2000W V 230/240V K 9.5°- 56.5° 🔺 6.1kg
☀ 1600 Lux ◆▶ 10m ✂ 230mm 🔲 11kg
🔳 0.059m³ ✔ EN60 598 2-17

Cat. No.	Description
26220	Bambino 2000W, Manual Operation
26230	Bambino 2000W, Pole Operation

Bambino 2000W Accessories

Cat. No.	Description
43414	2000W 240V CP41 lamp
43413	2000W 230V CP41 lamp
28305	Scrim set No.5 (full & half 50%; full & half 66%)
28083	Cone 55mm
28084	Cone 75mm
28085	Cone 105mm
28086	Additional colour frame
28113	Outrig colour frame
28110	Additional 4-leaf barndoor
28111	8-leaf barndoor
82002	Safety bond, 50kg
81011	Hercules stand, black, with castors
81022	Atlas folding stand
82012	Hook clamp to accept 29mm spigot (50mmØ barrel)
82013	Hook clamp to accept 29mm spigot (32-62mmØ barrel)

Bambino 5000W Fresnel

Compact location and studio Fresnel. Based on the successful Castor 2000W studio fresnel but with improved ventilation system for 5000W operation. Supplied with barndoor, colour/diffuser frame, stirrup with 29mm spigot, head mounted toggle switch and 7m of 3-core cable. Manual or Pole Operation version available. (Requires a CP29 5000W lamp).

W 5000W V 230/240V K 11.5°- 58° 🔺 15kg
☀ 1915 Lux ◆▶ 16m ✂ 320mm dia. 🔲 19kg
🔳 0.105m³ ✔ EN60 598 2-17

| Cat. No.	Description
26240	Bambino 5kW, Manual Operation
26250	Bambino 5kW, Pole Operation

Bambino 2.5/5kW Fresnel

Variants of standard 5000W model with 4-pin lampholder to accept dual wattage lamp. The 4-pin CP32 lamp has two 2.5kW filaments which may be separately switched to provide 2.5kW or 5kW output. The CP58 lamp has 1.25kW and 2.5kW filaments for a 1.25kW, 2.5kW or 3.75kW output. Supplied with barndoor, colour/diffuser frame, stirrup with 29mm spigot, rotary power switch and 7 metres of 3-core cable. Manual or Pole Operation version available.
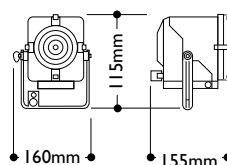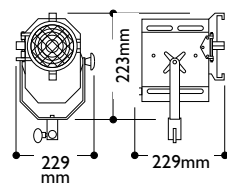

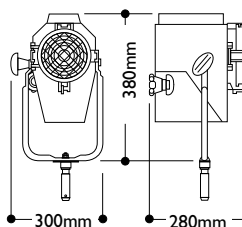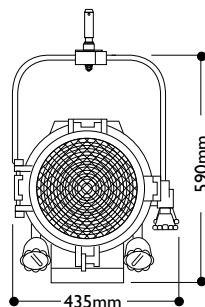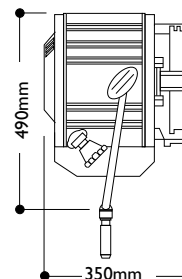- A range of compact lightweight tungsten halogen fresnels from 300/500W to 5000W
- Specifically designed for ease of handling in the studio or on location
- Robust construction for durability on location
- High quality mechanisms for years of reliable operation
- Excellent optical design optimized for even spread and wide focus range
- All units have easy access to lamps for replacement
- Most fixtures accept a range of lamps for added flexibility
- Bambino 5K also available with 4-pin socket for dual filament lamps
- Bambino 2K and 5K available in Pole-Operated versions

A GUIDE TO SYMBOLS AND ABBREVIATIONS

GENERAL V Supply voltage A Current rating 🔺 Weight of product 🔲 Packed weight 🔳 Packed volume
▪◣ Overall dimension of product ✔ Compliance with international standards. W Watts (maximum recommended) K Beam angle ◆▶ Throw (usual working distance from subject in metres) ☀ Illuminance (maximum Lux at throw distance stated with lamp recommended) Colour filter cut size
IP International Protection Standard

Bambino 2.5/5kW Fresnel

W 5000W   V 230/240V   14°- 55°   15kg
✻ 2000 Lux   16m   320mm dia.   19kg
0.105m³   ✔ EN60 598 2-17

Cat. No.	Description
26260	Bambino 2.5/5kW, Manual Operation
26270	Bambino 2.5/5kW, Pole Operation

Bambino 2.5/5kW and 5kW Accessories

Cat. No.	Description
43294	5000W 240V CP29 lamp
43293	5000W 230V CP29 lamp
43324	2.5/2.5kW 240V CP32 lamp
43323	2.5/2.5kW 230V CP32 lamp
43584	1.25/2.5kW 240V CP58 lamp
43583	1.25/2.5kW 230V CP58 lamp
28306	Scrim set No.6 (full & half 50%; full & half 66%)
28090	Cone 110mm
28091	Cone 150mm
28092	Cone 195mm
28093	Additional colour frame
28072	Outrig colour frame
28070	Additional 4-leaf barndoor
28071	8-leaf barndoor
82002	Safety bond, 50kg
81011	Hercules stand, black, with castors
81022	Atlas folding stand
82012	Hook clamp to accept 29mm spigot (50mmØ barrel)
82013	Hook clamp to accept 29mm spigot (32-62mmØ barrel)

Photometric Data

Mizar 500W
Typical performance based on 500W CP82 240V lamp

Throw (metres)	3		6		9		12	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Flood 41.5°	850	2.3	215	4.5	95	6.8	55	9.1
Spot 14°	2800	0.75	700	1.5	310	2.2	175	3.0

Flood: Performance at any distance 7650 ÷ Distance²
Spot: Performance at any distance 25200÷ Distance²

Bambino 1000W
Typical performance based on 1000W CP40 240V lamp

Throw (metres)	3		6		9		12	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Flood 56°	1250	3.2	315	6.4	140	9.6	80	12.8
Spot 12°	7300	0.65	1825	1.3	810	1.9	460	2.5

Flood: Performance at any distance 11250 ÷ Distance²
Spot: Performance at any distance 65700÷ Distance²

Bambino 2000W
Typical performance based on 2000W CP41 240V lamp

Throw (metres)	5		10		15		20	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Flood 56.5°	1100	5.4	275	10.7	125	16.1	70	21.5
Spot 9.5°	6400	0.8	1600	1.7	710	2.5	400	3.3

Flood: Performance at any distance 27500 ÷ Distance²
Spot: Performance at any distance 160000÷ Distance²

Bambino 5000W
Typical performance based on 5000W CP29 240V lamp

Throw (metres)	10		20		30		40	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Flood 48°	1060	8.9	265	17.8	120	26.7	65	35.6
Spot 11.5°	4900	2.0	1225	4.0	545	6.0	305	8.0

Flood: Performance at any distance 106000÷ Distance²
Spot: Performance at any distance 490000 ÷ Distance²
Ø Beam diameter in metres

Strand Lighting

Lamp Data

	Mizar	Bambino 1K	Bambino 2K	Bambino 5K	Bambino 2.5K/5K
Watts	500W	1000W	2000W	5000W	2500+2500W
Designation	CP82	CP40	CP41	CP29	CP32
Base	GY9.5	G22	G38	G38	GX38q
Lumens	12500	26000	54000	135000	59000/27000
Lamp Cntr. Lgth	46mm	63.5mm	127mm	165mm	143mm
Rated Life-Hours	150	250	400	500	300
Colour Temp	All 3200K				

Specify voltage when ordering

Electrical Data

Supply Voltage	230/240V 50/60Hz
Cable/Switching	Mizar: 3.5m 3 x 1.5mm² cable with in-line toggle switch. Bambino 1K: 7.0m 3 x 1.5mm² cable with in-line toggle switch. Bambino 2K: 7.0m 3 x 2.5mm² cable with in-line toggle switch. Bambino 5K: 7.0m 3 x 4.0mm² cable with head mounted toggle switch (45A four position rotary switch on Bambino 2.5/2.5 and all Pole Operated versions).
Standards Compliance	EN60 598 2-17

Environmental Data

Max Operating Ambient Temp	45°C
IP Rating	IP20
Tilt/Recommended angles of use	90° - 0 - 90°

Mechanical Data

Paint/Finish	Black powder coated epoxy paint with special extra high temperature treatment in critical areas.
Lamp House	Mizar: Pressure diecast in aluminium with heat and light baffles. Bambinos: Pressed steel welded and rivetted construction incorporating heat and light baffles and specially developed ventilation systems to ensure correct lamp operating temperatures and protection from rain.
Lens(es)	Heat resistant borosilicate. Mizar: 80mm Bambino 1K: 130mm Bambino 2K: 150mm Bambino 5K: 250mm
Reflector	Spherical anodised aluminium reflector optimised for each lamp/lens combination.
Mounting/ Suspension	Mizar: Cast Aluminium with 16mm socket. Bambino 1K: Strap aluminium with 16mm socket. Bambino 2K & 5K: Tubular steel with 29mm spigot.

Weights and Dimensions

	Mizar	Bambino 1K	Bambino 2K	Bambino 5K
Weight	2.0kg	5.3kg	8.2kg	13.5kg (Pole-op 14.5kg)
Length	155mm	243mm	270mm	340mm
Width	160mm	230mm	292mm	435mm
Height	210mm	295mm	460mm	516mm
Accessory size	110mm	180mm	230mm	320mm

Operational Data

Lamp Access	Through hinging lens door. (Mizar: Through hinged rear half which is released by ¹/₄ turn screw).
Focus Adjustment	By rear facing rotary control on Mizar and 1K with helical screw focus mechanism. Bambino 2K & 5K: Geared focus mechanism with downward facing knob/cup suitable for pole-operation.
Beam Adjustment	By 4 leaf rotating barndoor.
Accessory fitting	Spring loaded top catch for retention of accessories. Additional safety hook lock retains barndoor on Bambino 2K. Bambino 5K has captive barndoor system.