



Strand Lighting

P R O D U C T D A T A

Sirio Daylight Fresnels offer a full range of HMI - source daylight colour temperature lighting for location filming.

Sirio 575W Daylight

W 575W V 110 to 240V < 8°- 47° 10.5kg
* 2000 Lux ◀ 11m (spot), 3.5m (flood)
X 230mm dia. 15kg 0.078m³ ✓ EN60 598 2-17

Cat. No.	Description
24320	Sirio 575

Sirio 575W Daylight Accessories

Cat. No.	Description
42301	575W HMI double-ended lamp
25220	Compact magnetic ballast, 575W
25120	Electronic ballast, 575W
28201	Extension cable 575W, 7.5m
28202	Extension cable 575W, 15m
28305	Scrim set No.5 (full & half 50%; full & half 66%)
28083	Cone 55mm
28084	Cone 75mm
28085	Cone 105mm
28110	Additional barndoor, 4-leaf rotating
28086	Additional colour frame
81011	Hercules stand, black, with castors
81022	Atlas stand with castors
82012	Hook clamp to accept 29mm spigot (50mmØ barrel)
82013	Hook clamp to accept 29mm spigot (32-62mmØ barrel)

Sirio 1200W Daylight

W 1200W V 110 to 240V < 6°- 53° 18kg
* 2000 Lux ◀ 16.6m (spot), 5.3m (flood)
X 320mm dia. 24kg 0.129m³ ✓ EN60 598 2-17

Cat. No.	Description
24330	Sirio 1200

Sirio 1200W Daylight Accessories

Cat. No.	Description
42302	1200W HMI double-ended lamp
25230	Compact magnetic ballast 1.2kW
25130	Electronic ballast, 1.2kW
25040	Electronic ballast, dual wattage 1.2kW/2.5kW
28203	Extension cable 1200W, 7.5m
28204	Extension cable 1200W, 15m
28306	Scrim set No.6 (full & half 50%; full & half 66%)
28090	Cone 110mm
28091	Cone 150mm
28092	Cone 195mm
28070	Additional barndoor, 4-leaf rotating
28093	Additional colour frame
81011	Hercules stand, black, with castors
81022	Atlas stand with castors
82012	Hook clamp to accept 29mm spigot (50mmØ barrel)
82013	Hook clamp to accept 29mm spigot (32-62mmØ barrel)

A GUIDE TO SYMBOLS AND ABBREVIATIONS

GENERAL V Supply voltage A Current rating W Weight of product P Packed weight V Packed volume
■ Overall dimension of product ✓ Compliance with international standards. W Watts (maximum recommended) < Beam angle ◀ Throw (usual working distance from subject in metres) * Illuminance (maximum Lux at throw distance stated with lamp recommended or supplied) X Colour filter cut size BS British Standard. IP International Protection Standard for ingress protection (dust, solids, moisture) IEC529

Sirio 2500W Daylight

W 2500W V 110 to 240V < 7°- 62° 24kg
* 2000 Lux ◀ 24m (spot), 7m (flood) X 405mm dia.
130kg 0.129m³ ✓ EN60 598 2-17

Cat. No.	Description
24340	Sirio 2500

Sirio 2500W Daylight Accessories

Cat. No.	Description
42303	2500W HMI double-ended lamp
25240	Compact magnetic ballast, 2.5kW
25140	Electronic ballast, 2.5kW
25040	Electronic ballast, dual 1.2kW/2.5kW
28205	Extension cable 2.5kW, 7.5m
28206	Extension cable 2.5kW, 15m

Sirio 4000W Daylight

W 4000W V 110 to 240V < 8°30'- 52°30' 29kg
* 2000 Lux ◀ 32m (spot), 8.8m (flood) X 405mm dia.
137kg 0.307m³ ✓ EN60 598 2-17

Cat. No.	Description
24050	Sirio 4000 HMI

Sirio 4000W Daylight Accessories

Cat. No.	Description
42304	4000W HMI double ended lamp
25250	Compact magnetic ballast, 4000W
25150	Electronic ballast, 4kW
25050	Electronic ballast, dual wattage 2.5kW/4kW
28207	Extension cable 4000W, 7.5m
28208	Extension cable 4000W, 15m

Sirio 6000W Daylight

W 6000W V 110 to 240V < 7°30'- 48° 31kg
* 2000 Lux ◀ 33m (spot), 9m (flood) X 405mm dia.
139kg 0.343m³ ✓ EN60 598 2-17

Cat. No.	Description
24060	Sirio 6000 HMI

Sirio 6000W Daylight Accessories

Cat. No.	Description
42305	6000W HMI double ended lamp
25260	Compact magnetic ballast, 6kW
25160	Electronic ballast, 6kW
28209	Additional extension cable 6000W, 7.5m
28210	Extension cable 6000W, 15m

Sirio 2500 4000 6000W Accessories

28307	Scrim set No.7 (full & half 50%; full & half 66%)
28074	Additional barndoor, 4-leaf rotating
28097	Additional colour frame
28094	Cone 155mm
28095	Cone 225mm
28096	Cone 275mm
81022	Atlas stand with castors
81015	Goliath stand, black
81017	Sampson wind-up stand, black
82012	Hook clamp to accept 29mm spigot (50mmØ barrel)
82013	Hook clamp to accept 29mm spigot (32-62mmØ barrel)

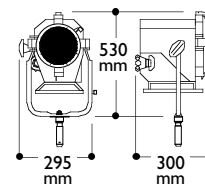
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DAYLIGHT FRESNELS

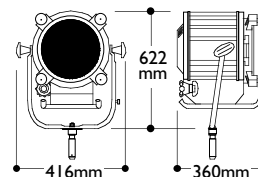
SIRIO™

575W, 1200W, 2500W, 4000W & 6000W

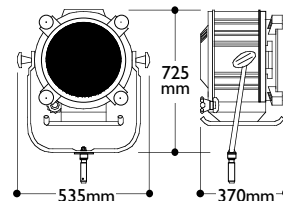
Sirio 575W



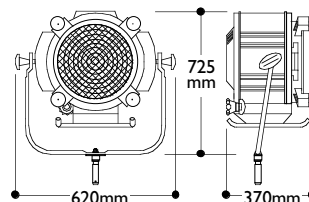
Sirio 1200W



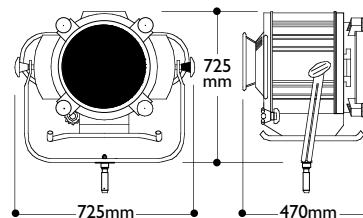
Sirio 2500W



Sirio 4000W



Sirio 6000W



- A range of daylight fresnels in compact, lightweight housings
- Ideal for interior or location filming
- Accepts double-ended HMI lamp
- Available as complete systems with compact magnetic or electronic "flicker-free" ballasts
- All units have easy access to lamps for replacement
- All Sirios fitted with skids for stability when dismantled
- On-Off illuminated push buttons for head or ballast operation
- Hour counter incorporated to measure lamp life
- Each supplied in black finish with barndoor, colour frame and 7.5m cable to ballast
- 100-240V operation with appropriate ballast

Photometric Data**575W Sirio**

Throw (metres)	5		10		15		20	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Flood 53°	1000	5.0	250	10.0	115	15.0		
Spot 5°	10000	0.4	2500	0.9	1110	1.3	625	1.75

Flood: Performance at any distance 25000 ÷ Distance²Spot: Performance at any distance 250000 ÷ Distance²**1200W Sirio**

Throw (metres)	5		10		15		20	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Flood 51°	1760	4.8	440	9.5	195	14.3		
Spot 6°			5600	0.9	2490	1.35	1440	1.8

Flood: Performance at any distance 56000 ÷ Distance²Spot: Performance at any distance 550000 ÷ Distance²**2500W Sirio**

Throw (metres)	10		15		20		25	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Flood 62°	940	10.9	420	16.3	235	21.8	160	27.2
Spot 7°			5110	1.6	2875	2.1	1840	2.6

Flood: Performance at any distance 94000 ÷ Distance²Spot: Performance at any distance 1150000 ÷ Distance²**4000W Sirio**

Throw (metres)	10		20		30		40	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Flood 53°	1550	10	390	20	175	30		
Spot 8.5°			5250	3.0	2355	4.5	1315	5.9

Flood: Performance at any distance 155000 ÷ Distance²Spot: Performance at any distance 2100000 ÷ Distance²**6000W Sirio**

Throw (metres)	10		20		30		40	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
Flood 53°	2200	10.6	550	21.3	244	31.9		
Spot 5.5°			5400	1.0	2400	2.9	1350	3.8

Flood: Performance at any distance 220000 ÷ Distance²Spot: Performance at any distance 3250000 ÷ Distance²

Ø Beam diameter in metres

Lamp Data

Specify lamps for replacement to the following specifications

Watts	575W	1200W	2500W	4000W	6000W
Designation	ALL HMI/DE				
Base	Screw fitting		Tubular fitting		
	M4 x 10mm	M6 x 15.5mm	12mm x 21mm	12mm x 21mm	25.5mm x 60mm
Lumens	49000	110000	240000	410000	570000
Rated Life-Hours	750	750	500	500	300
Colour Temp	5600K				

Electrical Data

Supply Voltage	100V to 240V 50/60Hz with appropriate ballast.
Max Lamp Watts	As designated by unit wattage.
Switching	Pushbutton switching from head or ballast with red and green illumination indicating status.
Cable/Connections	Up to 4.0kW 7.5m integral head cable. The 6.0kW unit has a head mounted short cable tail with connector and a separate 7.5m extension cable.
Ballast	See separate data sheet.
Standards Compliance	EN60 598 2-17

Environmental Data

Max Operating Ambient Temp	45°C
IP Rating	IP20
Tilt/Recommended Angles of Use	60° - 0 - 60°

Mechanical Data

Paint/Finish	Black powder coated epoxy paint with special extra high temperature treatment in critical areas.
Lamp House	Pressed steel welded and riveted construction incorporating heat and light baffles and specially developed ventilation systems to ensure correct lamp operation and rain proofing.
Lens(es)	Heat resistant borosilicate. 575W: 150mm 1200W: 250mm 2.5kW: 300mm 4.0kW: 300mm 6.0kW: 350mm
Reflector	Spherical anodised aluminium reflector optimised for each lamp/lens combination.
Mounting/Suspension	Tubular steel stirrup assembly with 29mm spigot for stand mounting. 6.0kW fitted with strengthened double tube stirrup.

Weights and Dimensions

	575	1200	2500	4000	6000
Weight	11kg	19kg	25.5kg	32kg	41.5kg
Length	300mm	360mm	370mm	370mm	470mm
Width	295mm	416mm	535mm	535mm	725mm
Height	530mm	622mm	725mm	725mm	757mm
Accessory Size	230mm*	320mm	405mm	405mm	405mm

*Can also take 200mm size by repositioning accessory ears

Operational Data

Lamp Access	Through hinging lens door, micro switch protected when open.
Beam Adjustment	By 4 leaf rotating barndoor held in place by safety hook locking mechanism.
Focus Adjustment	By rear facing rotary control.
Tilt Adjustment	Tilt angle is set by heat insulated lock handle. Pan angle is set by locking spigot in stand or suspension clamp socket.
Accessory Fitting	Sirio 575: Cast aluminium accessory ears. Spring loaded top catch for retention of accessories. Sirio 1200, 2500, 4000 and 6000: Roller wheels for easy rotation of barndoor which is retained by the lower hook lock assembly. A 3/4 top catch allows incursion and removal of accessories.

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