



Strand Lighting

P R O D U C T D A T A

### Supernova 25/12

Compact and lightweight Motion Picture and Television HMI Fresnel. Uses single ended 2500W or 1200W HMI lamp. Supplied with colour frame, 4-leaf rotating barndoor, and 7.5m extension cable.

V 2500 W 100-240V < 7°- 60° 16.3kg  
 \* 2000Lux < 24m (Spot) 8m (Flood) < 320mm dia  
 28.5kg 0.261m<sup>3</sup> EN60 598 2-17

Cat. No.	Description
24140	Supernova 2500W/1200W Head, 7.5m extension cable, colour frame and barndoor

### Supernova 25/12 Accessories

Cat. No.	Description
42102	1200W SE lamp
42103	2500W SE Lamp
25240	Compact Magnetic Ballast, 2500W, 220V, 50Hz
25230	Compact Magnetic Ballast, 1200W, 220V 50Hz
28031	Adaptor cable for 1200W operation
25050	Electronic Ballast, dual 4000/2500W, 230V 50Hz
25040	Electronic Ballast, dual 2500/1200W, 230V 50Hz
25140	Electronic Ballast, 2500W, 110-240V 50/60Hz
25130	Electronic Ballast, 1200W 110-240V 50/60Hz
28090	Cone (110mm)
28091	Cone (150mm)
28092	Cone (195mm)
28093	Additional colour frame, 320mm
28070	Additional barndoor, 4-leaf rotating, 320mm
28071	8-leaf rotating barndoor 320mm
28306	Scrim set No 6 (Full & half 50%, full & half 66%)
28205	Additional head cable, 7.5m
28206	Head cable, 15m
81022	Atlas with castors stand
81015	Goliath stand, black
82012	Hook clamp to accept 29mm spigot (50mmØ barrel)
82013	Hook clamp to accept 29mm spigot (32-62mmØ barrel)

### Supernova 40/25

Compact and lightweight Motion Picture and Television HMI Fresnel. Uses single ended 2500W or 4000W HMI lamp. Supplied with colour frame, 4-leaf rotating barndoor, and 7.5m extension cable

V 4000W W 100-240V < 9°- 72° 19.5kg  
 \* 2000Lux < 27m(Spot) 9.5m(Flood) < 405mm dia  
 69.31.5kg 0.261m<sup>3</sup> EN60 598 2-17

Cat. No.	Description
24150	Supernova 4000W/2500W Head, 7.5m extension cable, wireguard, colour frame and barndoor

### Supernova 40/25 Accessories

Cat. No.	Description
HMI	2500W SE lamp
HMI	4000W SE lamp
25250	Compact Magnetic Ballast, 4000W, 220V, 50Hz
25240	Compact Magnetic Ballast, 2500W, 220V, 50Hz
25051	Electronic Ballast, 4000/2500W, 230V, 50Hz
25150	Electronic Ballast, 4000W, 220-240V 50/60Hz
25140	Electronic Ballast, 2500W, 220-240V 50/60Hz
28032	Adaptor cable for 2500W operation
28094	Cone, (155mm)
28095	Cone, (225mm)
28096	Cone, (275mm)
28097	Additional colour frame, 406mm
28074	Additional barndoor, 4-leaf rotating, 406mm
28075	8-leaf rotating barndoor 406mm
28307	Scrim set No 7 (full & half 50%; full & half 66%)
28207	Additional head cable, 7.5m*
28208	Head cable, 15m*
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)

\*Supernova 40/25 extension cables and pigtails are fitted with bayonet connectors. For use with old Quartzcolor laniro 4kW screw (threaded) connector cables and ballasts, the following adapters are available: Please consult your Strand Lighting Dealer.

### A GUIDE TO SYMBOLS AND ABBREVIATIONS

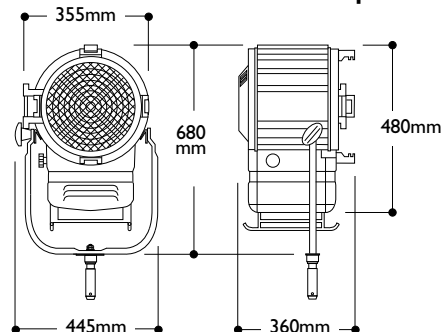
**GENERAL** V Supply voltage A Current rating W Weight of product P Packed weight Q Packed volume R Overall dimension of product ✓ Compliance with international standards. W Watts (maximum recommended) < Beam angle < Throw (usual working distance from subject in metres) \* Illuminance (maximum Lux at throw distance stated with lamp recommended or supplied) X Colour filter cut size SE Single-ended BS British Standard. IP International Protection Standard

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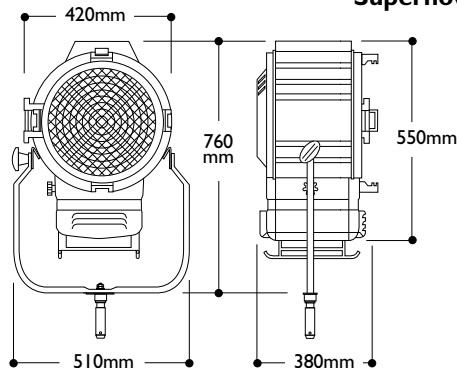
DAYLIGHT FRESNELS

## SUPERNOVA™ 2500W/1200W & 4000W/2500W

Supernova 25/12



Supernova 40/25



- Compact, lightweight daylight fresnels
- Optimising benefits of 4000W, 2500W and 1200W single ended HMI/MSR lamps
- Superior performance in wide angle settings
- High quality optical systems
- New ignitor design ensures quiet operation with square wave electronic ballasts
- Easy access focus knob
- Quick release lampholder
- Many operational refinements
- Fitted with skids for extra protection in handling
- Optional LED hour counter
- 100-240V operation with appropriate ballast

**Photometric Data**

Typical performance with 2500W HMI/SE lamp  
**Supernova 25/12**

Throw (metres)	40		35		30		25		20	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
<b>Spot focus 7°</b>	750	4.9	970	4.3	1320	3.7	1900	3.1	2970	2.4

For lux level at any throw  $1188000 \div \text{Distance}^2$

Throw (metres)	25		20		15		10		5	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
<b>Flood focus 60°</b>	210	29	330	23	590	17	1320	12	5280	6

For lux level at any throw  $132000 \div \text{Distance}^2$

Typical performance with 4000W HMI/SE lamp  
**Supernova 40/25**

Throw (metres)	45		40		35		30		25	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
<b>Spot focus 9°</b>	710	7.1	900	6.3	1170	5.5	1590	4.7	2290	3.9

For lux level at any throw  $1431000 \div \text{Distance}^2$

Throw (metres)	30		25		20		15		10	
	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø	Lux	Ø
<b>Flood focus 72°</b>	205	44	295	36	460	29	820	22	1840	15

For lux level at any throw  $181000 \div \text{Distance}^2$

Ø Beam diameter in metres

**Lamp Data**

Specify lamps for replacement to the following specifications

Watts	4000W	2500W	1200W
<b>LCL</b>	142mm	127mm	107mm
<b>Designation</b>	HMI/MSR	HMI/MSR	HMI/MSR
<b>Base</b>	G38	G38	G38
<b>Lumens</b>	380000	240000	110000
<b>Rated Life-Hours</b>	500	500	750
<b>Colour Temperature</b>	5600K	5600K	5600K

The Company reserves the right to make any variation in design or construction to the equipment described.  
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**Electrical Data**

<b>Supply Voltage</b>	100 to 240V 50/60Hz With appropriate ballast.
<b>Max Lamp Watts</b>	40/25: 4000W 25/12: 2500W
<b>Lamp Base/Socket</b>	High voltage G38 Bi-post with quick release pin-clamping.
<b>Switching</b>	Pushbutton switching from head or ballast with red and green illumination indicating status.
<b>Hour Counter</b>	Space provided for fitting optional LED counter.
<b>Ignitor</b>	Special quiet ignitor for use with square wave electronic ballasts. Rated for 4000W, 2500W and 1200W lamps.
<b>Cable/Connections</b>	Head mounted socket takes separate extension cable: 40/25 9-pin bayonet connector 3x4mm <sup>2</sup> + 4x1mm <sup>2</sup> 25/12 7-pin bayonet connector 7x1.5mm <sup>2</sup> .
<b>Standards Compliance</b>	EN60 598 2-17

**Environmental Data**

<b>Max Operating Ambient Temp</b>	45°C
<b>IP Rating</b>	IP20
<b>Tilt/Recommended Angles of Use</b>	25/12: +60° 0 -60° 40/25: +60° 0 -50°

**Mechanical Data**

<b>Paint/Finish</b>	Powder coated epoxy over special etching pre-treatment with extra high temperature finish for critical components. Grey/Blue trim.
<b>Lamp House</b>	Lamphouse of deep drawn steel pressings welded for rigidity. Ignitor housing of aluminium castings and extrusions.
<b>Lens(es)</b>	25/12: 250mm Fresnel 40/25: 300mm Fresnel
<b>Reflector</b>	Large diameter high reflectivity aluminium, specially finished to give exceptional beam smoothness.
<b>Mounting/Suspension</b>	Steel stirrup with 29mm spigot for stand mounting.

**Weights and Dimensions**

	25/12	40/25
<b>Weight</b>	15kg	20kg
<b>Length</b>	360mm	380mm
<b>Width</b>	445mm	510mm
<b>Height</b>	680mm	760mm
<b>Colour Frame Size</b>	25/12: 320mm	40/25: 405mm

**Operational Data**

<b>Focus Adjustment</b>	Focus knob at side for front or rear operation and with arrow indicating selected setting.
<b>Tilt Adjustment</b>	Pivot located at centre of gravity for excellent balance and positive locking.
<b>Accessory Fitting</b>	Cast aluminium accessory ears with roller bearings for smooth operation. Spring loaded top catch for retention of accessories.
<b>Lamp Access</b>	Through side-hinged lens door which is microswitch isolated when door is open.