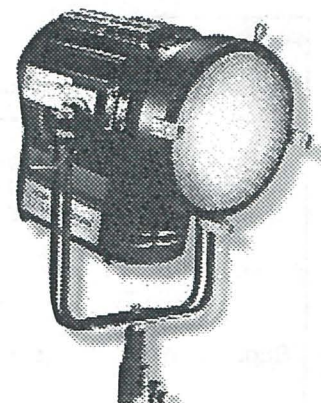




PAR 12 / 6 kW Daylight Par

- ❑ Specifically designed lenses and reflectors, giving superior optical performance
- ❑ Improved light quality and output - significantly brighter
- ❑ High quality, rugged, durable
- ❑ Corrosion resistant for longer life
- ❑ Compatibility of parts throughout the range
- ❑ A comprehensive selection of accessories, interchangeable with existing Quartzcolor products
- ❑ Easy to service and maintain
- ❑ Scratch resistant black non-reflective housing
- ❑ ON-OFF buttons, operated from both head and ballast
- ❑ Bonding eyes and rigging hooks
- ❑ Quick release lamp holder
- ❑ Performance lenses mounted in colour coded frames
- ❑ Hour counter
- ❑ Complete head supplied with barndoor, a set of 5 lenses in case, and head to ballast cable
- ❑ Meets all relevant international standards and regulations



Operational data

Safety:

A microswitch system prevents the lamp operating if the front section is open or in case of safety glass breakage.

12 x 12 mm wire mesh guard and safety glass.

Accessory fitting:

Cast aluminum ears.
Spring loaded top catch for retention of lenses and accessories.

Tilt adjustment:

Pivot located at centre of gravity for excellent balance and positive locking.

Focus adjustment:

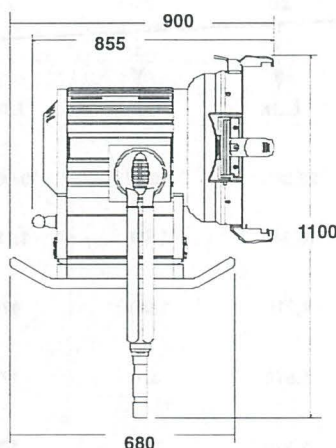
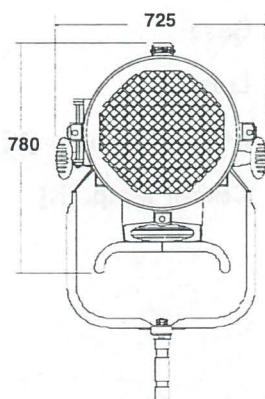
Rear knob for smooth and precise action

Beam adjustment:

By means of a set of 5 beam spreading lenses fitted on colour coded holders which can easily rotate through 170°.

Lamp access:

Hinged lens door allows easy access for lamp replacement.



[mm]

Weights & dimensions

Lens diameter	450mm	Weight (head+stirrup+skid)	60kg
Accessory diameter	550mm	Packed weight	111kg
Filter cut size	540x540mm	Packed volume	880(+140)x1300x570mm

Ballast dimensions

p/n 25060	356x266x495 mm	- 30kg
p/n 25070	555x330x470 mm	- 51kg
p/n 25260	488x388x635 mm	- 60kg
p/n 25270	630x502x835 mm	- 130kg



Photometric data
Typical performance based on 12000 W HMI lamp:

Throw [m]		10	25	50	75
		Lux	Lux	Lux	Lux
Super spot (3.5°)		211,000	33,760	8,440	3,750
Narrow spot (8.3°) <i>black</i>		82,100	13,140	3,280	1,460
Narrow flood (13°x 21°) <i>green</i>		36,800	5,890	1,470	650
Medium flood (21°x 40°) <i>yellow</i>		15,300	2,450	610	270
Extra wide flood (40°) <i>red</i>		12,000	1,920	480	210
Extra wide flood (47°) <i>red</i>		1,940	310	80	35
Frosted fresnel (44.7°) <i>white</i>		5,030	800	200	90

Lamp data

HMI 12000 W single ended

LCL [mm]	254
Base	G 38
Lumens	1,300,000
Rated life hours [H]	300
Colour temp. [K]	5600

Photometric data
Typical performance based on 6000 W HMI lamp:

Throw [m]		10	25	50	75
		Lux	Lux	Lux	Lux
Super spot (4°)		168,000	26,880	6,720	3,000
Narrow spot (7.8°) <i>black</i>		66,500	10,640	7,660	1,180
Narrow flood (12°x 21°) <i>green</i>		26,300	4,210	1,050	470
Medium flood (20°x 40°) <i>yellow</i>		9,780	1,570	390	170
Extra wide flood (37°) <i>red</i>		7,560	1,210	300	130
Extra wide flood (44°) <i>red</i>		625	100	25	11
Frosted fresnel (44.7°) <i>white</i>		2,560	410	100	45

Lamp data

HMI 6000 W single ended

LCL [mm]	210
Base	G 38
Lumens	650,000
Rated life hours [H]	300
Colour temp. [K]	5600



Mechanical data

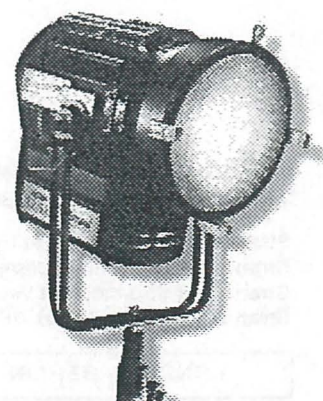
Paint / Finish	Powder coated epoxy paint with special extra high temperature treatment in critical areas. External textured low gloss finish
Lamp house	Stainless steel with aluminium extrusions and die cast components
Reflector	Large diameter high reflectivity aluminium (99/99 coated)
Mounting	Robust tubular steel stirrup with standard 29 mm socket

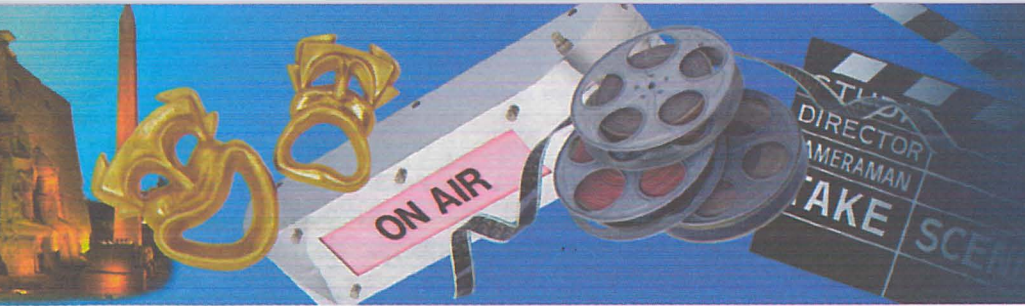
Electrical data

Switching:	ON/OFF double pushbuttons from both head and ballast
Ignitor:	Compact, high voltage, hot restrike
Ignition voltage:	70 kV
Cable/connections:	Adaptor cable (optional) for use with 6000 W magnetic wattage ballasts Adaptor cable (optional) for use with other commercial ballasts
Ballasts:	Electronic flicker-free 12000/6000 W or 6000/4000 W Magnetic 12000 W or 6000 W
Standards compliance:	CE marking, c UL us

Environmental data

Max operating ambient temperature:	45°C
Tilt recommended angle of use:	-45° / 0 / 45°





Ordering information

Cat. No	Description
27924	PAR 12/6 kW bare head with stirrup
27590	PAR 12/6 kW supplied with stirrup, 4 leaf rotating barndoor, 7.5 metre extension cable, set of 5 lenses, lens case

Optional accessories

Cat. No	Description
28886	4 leaf barndoor
28211	7.5 metre extension cable
28212	15 metre extension cable
28888	5 lens set
28810	5 lens set + case
28884	Scrim set (one double scrim, one single scrim, one half double scrim, one half single scrim)
28880	Cone small
28881	Cone medium
28882	Cone large
25060	6000/4000 W electronic ballast
25070	12000/6000 W electronic ballast
25260	6000 W magnetic ballast
25270	12000 W magnetic ballast
28893	Adaptor cable to 25260
28883	Adaptor cable to other 6 KW ballasts
28813	Lens case
28822	Flight case

The Company reserves the right to make any variation in design or construction to the equipment described. © Strand Lighting Ltd 1998.
Strand™, Strand Lighting™, Strand Quartzcolor™ are trade marks of Strand Lighting Limited and Strand Lighting Inc.

Strand Lighting Ltd North Hyde House Hayes Rd Heston Middx UB2 5NL UK Tel: +44 (0)181 571 3588 Fax: +44 (0)181 571 3305
Strand Lighting GmbH Ullsteinstrasse 114-142 D-12109 Berlin Germany Tel: +49 (0) 30/70 79 51 0 Fax: +49 (0) 30/70 79 519 9
Strand Lighting Italia srl Via delle Gardenie 33 00040 Pomezia-Roma Italy Tel: +39 06 91963.1 Fax: +39 06 9147136
Strand Lighting Asia Ltd 7/F Corporation Square 8 Lam Lok Street Kowloon Bay Hong Kong Tel: +852 2757 3033 Fax: +852 2757 1767

LONDON - BERLIN - ROME - PARIS - MOSCOW - LOS ANGELES - NEW YORK - TORONTO - HONG KONG