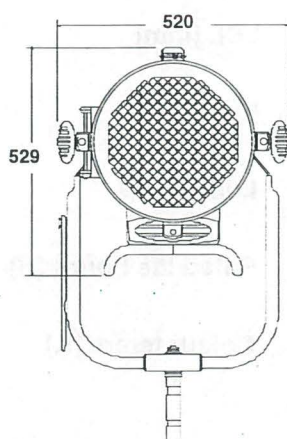
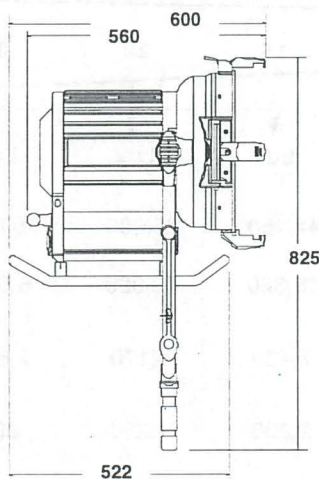


## PAR 4 / 2.5 kW *Daylight Par*

- ☐ 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
- ☐ Complete head supplied with barndoor, a set of 5 lenses in case, and head to ballast cable
- ☐ Meets all relevant international standards and regulations

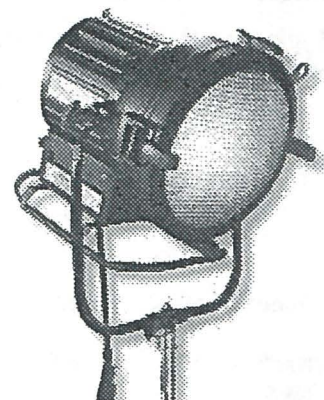


[ mm ]



### Weights & dimensions

<b>Lens diameter</b>	350mm	<b>Weight (head+stirrup+skid)</b>	15.5kg
<b>Accessory diameter</b>	400mm	<b>Packed weight</b>	48kg
<b>Filter cut size</b>	370x370mm	<b>Packed volume</b>	610x640x750mm



### 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 aluminium 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.

### Ballast dimensions

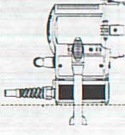
<b>p/n 25040</b>	270x235x380 mm	-13.5kg
<b>p/n 25050</b>	270x235x380 mm	-15.6kg
<b>p/n 25240</b>	380x355x170 mm	-30kg
<b>p/n 25250</b>	488x388x635 mm	-61kg





### Photometric data

Typical performance based on 4000 W HMI lamp:

Throw [m]		10	15	20	25
		Lux	Lux	Lux	Lux
<b>Super Spot</b> (5.8°)		101,000	44,890	25,250	16,160
<b>Narrow Spot</b> (8.5°) <i>black</i>		50,400	22,400	12,600	8,060
<b>Narrow Flood</b> (10°x 21°) <i>green</i>		25,200	11,200	6,300	4,030
<b>Medium Flood</b> (19.2°x 44°) <i>yellow</i>		7,800	3,470	1,950	1,250
<b>Extra Wide Flood</b> (34.5°) <i>red</i>		6,050	2,690	1,510	970
<b>Extra Wide Flood</b> (47.8°) <i>red</i>		2,070	920	520	330
<b>Frosted Fresnel</b> (29.7°) <i>white</i>		2,450	1,090	610	390

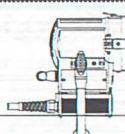
### Lamp data

#### HMI/MSR 4000W single ended

<b>LCL [mm]</b>	142
<b>Base</b>	G 38
<b>Lumens</b>	380,000
<b>Rated life hours [H]</b>	500
<b>Colour temp. [K]</b>	5600

### Photometric data

Typical performance based on 2500 W HMI lamp:

Throw [m]		10	15	20	25
		Lux	Lux	Lux	Lux
<b>Super Spot</b> (5.8°)		100,000	44,450	25,000	16,000
<b>Narrow Spot</b> (8.5°) <i>black</i>		41,300	18,360	10,320	6,600
<b>Narrow Flood</b> (10°x21°) <i>green</i>		16,700	7,420	4,170	2,670
<b>Medium Flood</b> (19.2°x44°) <i>yellow</i>		5,020	2,230	1,260	800
<b>Extra Wide Flood</b> (34.5°) <i>red</i>		4,390	1,950	1,100	700
<b>Extra Wide Flood</b> (47.8°) <i>red</i>		1,900	840	480	300
<b>Frosted Fresnel</b> (29.7°) <i>white</i>		1,500	670	380	240

### Lamp data

#### HMI/MSR 2500W single ended

<b>LCL [mm]</b>	127
<b>Base</b>	G 38
<b>Lumens</b>	240,000
<b>Rated life hours [H]</b>	500
<b>Colour temp. [K]</b>	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 aluminum extrusions and die cast components

##### Reflector

Large diameter high reflectivity colour (99/99 coated)

##### Mounting

Robust tubular steel stirrup with standard EURO spigot

#### Electrical data

##### Switching:

ON/OFF double pushbuttons from both head and ballast

##### Ignitor:

Small, compact, high voltage, hot restrike

##### Ignition voltage:

65 kV

##### Cable/connections:

Adaptor cable (optional) for use with 2500 W magnetic wattage ballasts  
Adaptor cable (optional) for use with other commercial ballasts

##### Ballasts:

Electronic flicker-free 2500 / 1200 W or 4000 / 2500 W  
Magnetic 2500 W or 4000 W

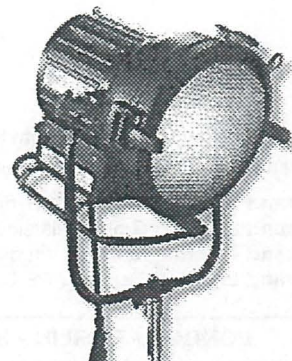
##### Standards compliance:

CE marking, c UL us

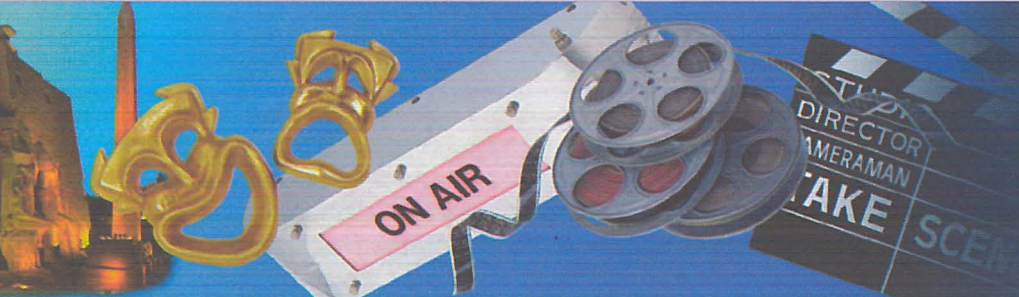
#### Environmental Data

Max operating ambient temperature: 45°C

Tilt recommended angle of use: -60° / 0 / 60°







**Strand**  
QUARTZCOLOR

#### Ordering information

##### Cat. No Description

27922	PAR 4 / 2.5 kW bare head with stirrup
27570	PAR 4 / 2.5 kW supplied with stirrup, 4 leaf rotating barndoor, 7.5 metre extension cable, set of 5 lenses, lens case.

#### Optional accessories

##### Cat. No Description

28115	4 leaf barndoor
28207	7.5 metre extension cable
28208	15 metre extension cable
28868	5 lens set
28808	5 lens set + case
28307	Scrim set (one double scrim, one single scrim, one half double scrim, one half single scrim)
28094	Cone small
28095	Cone medium
28096	Cone large
25040	2500/1200 W electronic ballast
25050	4000/2500 W electronic ballast
25240	2500 W magnetic ballast
25250	4000 W magnetic ballast
28032	Adaptor cable to 25240
28873	Adaptor cable to other 4 KW ballasts
28812	Lens case
28821	Flight case

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