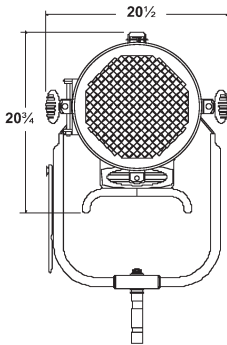


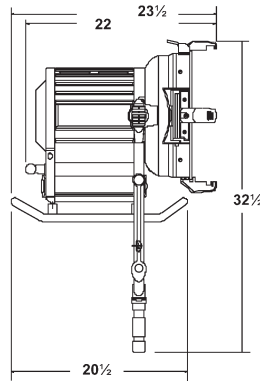


PAR 4/2.5kW Daylight Par

- ❑ 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 color 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



[inches]



Weights and dimensions

Lens diameter		13 ³ / ₄ "	
Accessory diameter		16"	
Filter cut size		14 ¹ / ₂ " x 14 ¹ / ₂ "	
Weight (head + yoke + skid)		34 lbs	
Packed weight		105 lb	
Packed volume		10.3 cu ft	
Ballast dimensions	2.5k/1.2k Elec	10 ¹ / ₂ " x 9 ¹ / ₄ " x 15"	30 lbs
	4k/2.5k Elec	10 ¹ / ₂ " x 9 ¹ / ₄ " x 15"	39 lbs
	2.5k Mag	15" x 14" x 6 ³ / ₄ "	66 lbs
	4k Mag	15 ¹ / ₄ " x 19 ¹ / ₄ " x 25"	134 lbs



Operational data

Safety:

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

1/2" x 1/2" 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 center 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 color coded holders which can easily rotate through 170°.

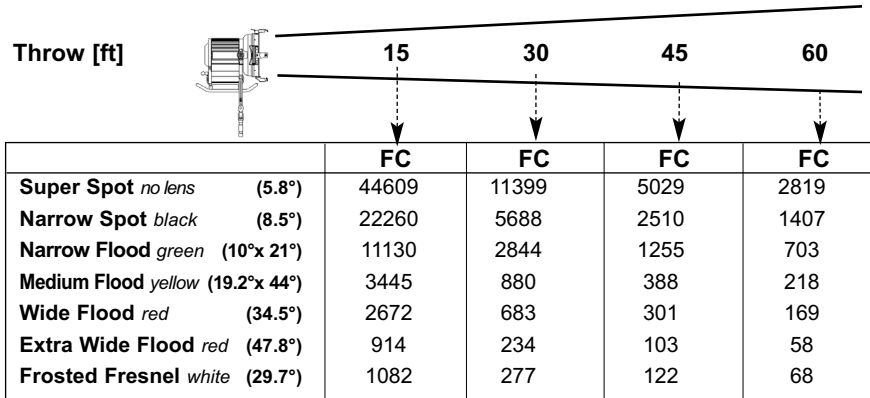
Lamp access:

Hinged lens door allows easy access for lamp replacement



Photometric data

Par 4kW - Typical performance based on 4000W HMI lamp:



Par 2.5kW - Typical performance based on 2500W HMI lamp:

	FC	FC	FC	FC
Super Spot <i>no lens</i> (5.8°)	44167	11286	4979	2791
Narrow Spot <i>black</i> (8.5°)	18241	4661	2056	1153
Narrow Flood <i>green</i> (10°x 21°)	7376	1885	832	466
Medium Flood <i>yellow</i> (19.2°x 44°)	2217	567	250	140
Wide Flood <i>red</i> (34.5°)	1939	495	219	123
Extra Wide Flood <i>red</i> (47.8°)	839	214	95	53
Frosted Fresnel <i>white</i> (29.7°)	663	169	75	42

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 color (99/99 coated)

Mounting

Robust tubular steel yoke with standard 1 1/8" spigot

Environmental Data

Max operating ambient temperature:

110°F

Tilt recommended angle of use:

-60° / 0 / 60°

Strand Lighting Inc

6603 Darin Way, Cypress, CA 90630, USA
Tel: +1 714 230 8200 Fax +1 714 230 8173

Electrical data

Switching:

ON/OFF double pushbuttons from both head and ballast

Ignitor: Small, compact, high voltage, hot restrike

Ignition voltage: 65kV

Cable/connections: Adaptor cable (optional) for use with 2500W magnetic wattage ballasts. Adaptor cable (optional) for use with other commercial ballasts

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

Strand Lighting (Canada)

Inc/Eclairages Strand (Canada) Inc

2430 Lucknow Drive No 15
Mississauga Ontario L5S 1V3 Canada
Tel: +1 905 677 7130 Fax: +1 905 677 6859

Ordering information

Cat. No	Description
27576	PAR 4 / 2.5kW supplied with yoke, 8 leaf rotating barndoor, 50 ft cable, set of 5 lenses, lens case

Optional accessories

Cat. No	Description
28075	8 leaf barndoor
28835	50 ft extension cable
28868	5 lens set
28808	5 lens set + case
28357	Scrim set (two double scrims, one single scrim, one half double scrim, one half single scrim)
25957	2500/1200W electronic ballast
25967	4000/2500W electronic ballast
25241	2500W magnetic ballast
25251	4000W magnetic ballast
28032	Adaptor cable for 2.5kW magnetic ballast
28812	Lens case
28821	Flight case

Lamp data

HMI/MSR 4000W single ended

LCL [in]	5 1/2
Base	G 38
Lumens	380,000
Rated life hours [H]	500
Color temp. [K]	5600

HMI/MSR 2500W single ended

LCL [in]	5"
Base	G 38
Lumens	240,000
Rated life hours [H]	500
Color temp. [K]	5600



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