

HMI Daylight Fresnels



HMI

Daylight Fresnels

Strand Quartzcolor's new HMIs are the only range of daylight single-ended Fresnels designed from the beginning as a complete family. They have been developed specifically for the location lighting market, following extensive consultation with many international industry professionals. The unique features of the range are designed to meet the most demanding criteria of cinematographers, directors of photography, gaffers, lighting directors and rental houses. No other range of daylight Fresnels in the market today provides as many benefits as the new Strand Quartzcolor range, with its superior optics, ease of use and ease of maintenance.

- A complete family: from 200 W to 6 kW, using single-ended lamps
- Specifically designed lenses and reflectors provide superb optical performance
- Improved light quality and output, producing a flatter and more even field
- High quality, rugged, durable
- Corrosion resistant, for longer life
- IP23 rated, so the unit can be used outdoors in humid conditions
- Compatibility of parts throughout the range
- A comprehensive range of accessories, interchangeable with existing Quartzcolor products
- Easy to service and maintain: only 4 screws to remove to access the lampholder and spot/flood mechanism
- ON-OFF buttons, operated from both head and ballast
- Bonding eyes and rigging hooks on larger units
- Front and back focusing on larger units
- New focus system, easy to adapt from manual to pole operation and maintenance free
- Quick release lamp holder
- New easy-running barndoor ears
- Scratch resistant black non-reflective housing
- All heads supplied with barndoor, colour frame, and head to ballast cable
- The 200W and 400W HMIs are also available as a kit, including ballast and flight case
- CE mark, UL and cUL approved

PAR

Daylight Parlights

- PAR 200 W
- PAR 575 W
- PAR 1.2 kW
- PAR 4/2.5 kW
- PAR 12/6 kW



HMI

Daylight Fresnels

- HMI 200 W
- HMI 400 W
- HMI 575 W
- HMI 1.2 kW
- HMI 2.5 kW
- HMI 4 kW
- HMI 6 kW



Strand has been at the forefront of film and television lighting for many years. Our acclaimed Quartzcolor luminaires and accessories are renowned worldwide for their high-quality, reliability and lighting performance.

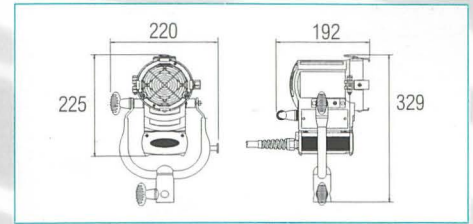
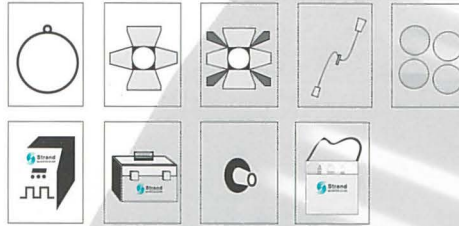
Strand is the leading manufacturer of lighting, dimming and control systems for film, television, theatrical and architectural applications. Our name is synonymous with the best in lighting innovation, quality and professionalism.

With our 10 international commercial offices, our three internationally-based, quality accredited factories, and our global network of distributors and dealers, Strand offers a unique proposition - the capability to design, provide, install and maintain complete lighting systems, for projects of any size.

No other professional lighting company offers a more comprehensive service and complete product catalogue.



HMI 200 W



Photometric data • Typical performance with HMI / MSR 200 W

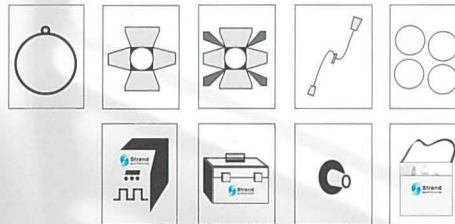
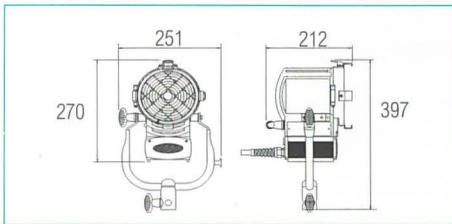
Throw (m)		Throw (m)			
		3	5	7	10
	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	
Spot	(Beam angle = 8°)	5,340 / 0.4	1,920 / 0.7	980 / 0.1	480 / 1.4
Flood	(Beam angle = 49.3°)	940 / 2.7	340 / 4.6	170 / 6.4	85 / 9.2

Weight: 3 Kg

Volume (kit): 260 x 540 x 290 mm

Lens diameter: 90 mm SF

HMI 400 W



Photometric data • Typical performance with HMI / MSR 400 W

Throw (m)		Throw (m)			
		3	5	7	10
	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	
Spot	(Beam angle = 6.8°)	17,890 / 0.3	6,440 / 0.6	3,290 / 0.8	1,720 / 1.2
Flood	(Beam angle = 49.7°)	1,700 / 2.8	610 / 4.6	310 / 6.5	150 / 9.3

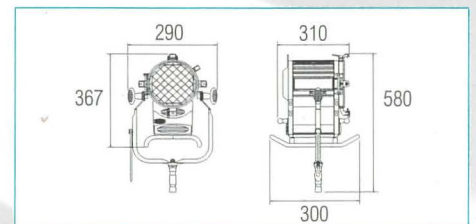
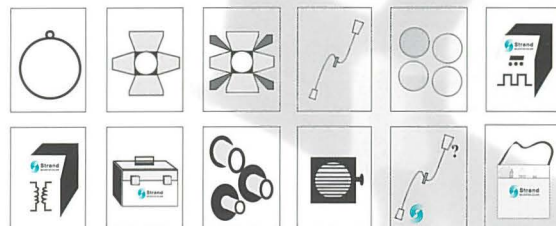
Weight: 4 Kg

Volume (kit): 260 x 540 x 290 mm

Lens diameter: 130 mm SF



HMI 575 W



Photometric data • Typical performance with HMI / MSR 575 W

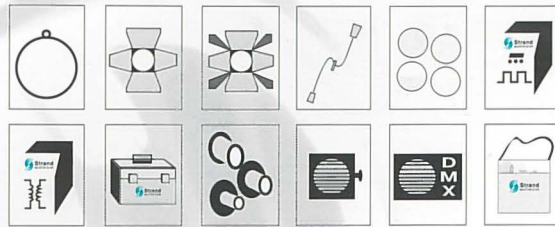
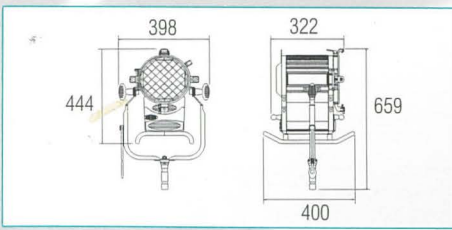
Throw (m)		Throw (m)			
		3	5	7	10
	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	
Spot	(Beam angle = 6°)	35,670 / 0.3	12,640 / 0.5	6,550 / 0.7	3,210 / 1
Flood	(Beam angle = 56°)	3,120 / 3.2	1,120 / 5.3	570 / 7.4	280 / 10.6

Weight: 7.5 Kg

Volume: 450 x 370 x 380 mm

Lens diameter: 130 mm SF

HMI 1.2 kW



Photometric data • Typical performance with HMI / MSR 1200 W

Throw (m)		Throw (m)			
		3	5	7	10
		Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)
Spot	(Beam angle = 5.8°)	77,670 / 0.3	27,960 / 0.5	14,270 / 0.7	6,990 / 1
Flood	(Beam angle = 60.5°)	5,110 / 3.4	1,840 / 5.8	940 / 8.1	460 / 11.6

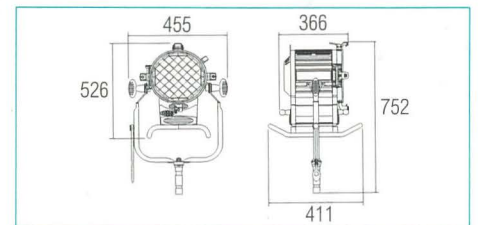
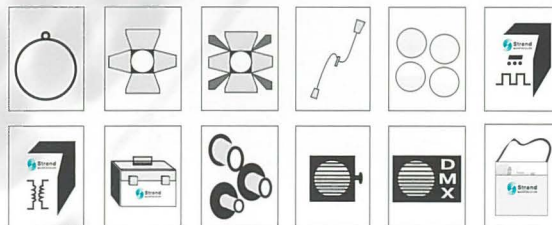
Weight: 9.8 Kg

Volume: 510 x 460 x 540 mm

Lens diameter: 175 mm SF



HMI 2.5 kW



Photometric data • Typical performance with HMI / MSR 2500 W

Throw (m)		Throw (m)			
		5	10	15	20
		Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)
Spot	(Beam angle = 6°)	46,400 / 0.5	11,600 / 1	5,160 / 1.6	2,900 / 2
Flood	(Beam angle = 54°)	5,280 / 5	1,320 / 10	590 / 15.3	330 / 20.4

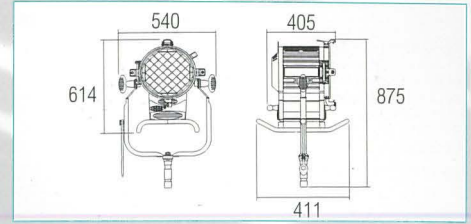
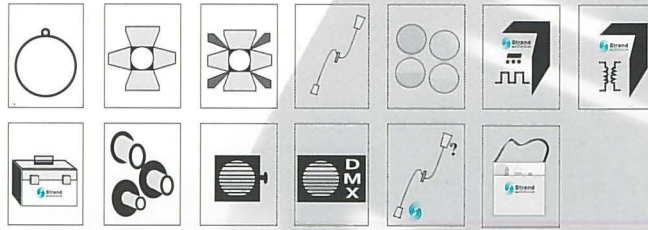
Weight: 11.7 Kg

Volume: 610 x 640 x 750 mm

Lens diameter: 250 mm SF



HMI 4 kW



Photometric data • Typical performance with HMI / MSR 4000 W

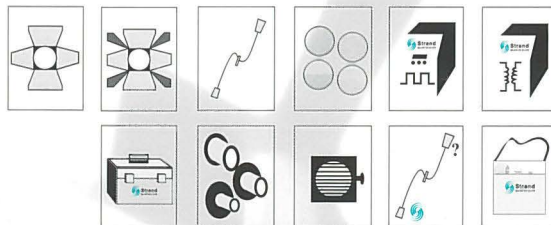
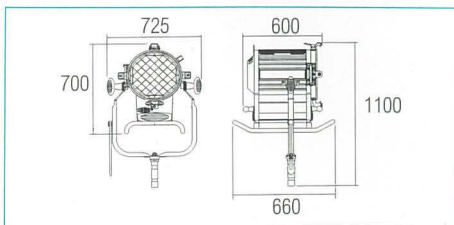
	Throw (m)	Throw (m)			
		10	15	20	25
Spot (Beam angle = 6.3°)		Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)
		15,600 / 1.1	6,930 / 1.6	3,900 / 2.2	2,500 / 2.7
Flood (Beam angle = 60°)		Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)
		1,740 / 11.5	780 / 17.3	430 / 23	280 / 28.8

Weight: 17.5 Kg

Volume : 610 x 640 x 750 mm

Lens diameter: 300 mm

HMI 6 kW



Photometric data • Typical performance based on 6000 W lamp. (Project data)

	Throw (m)	Throw (m)			
		10	15	20	25
Spot (Beam angle = 8°)		Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)
		21,600 / 1.4	9,600 / 2	5,400 / 2.8	3,460 / 3.5
Flood (Beam angle = 73°)		Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)	Lux / Ø (m)
		2,200 / 14.7	980 / 22.2	550 / 29.5	350 / 37

Weight: 60 Kg

Volume: 880 (+140) x 1300 x 570 mm

Lens diameter: 450 mm



Ballast

Strand Quartzcolor offers a comprehensive range of high specification electronic ballasts from 200 W to 12 kW, in addition to our proven range of extremely reliable compact magnetic ballasts.

Strand Quartzcolor's electronic ballasts offer many unique features:

- Flicker-free for filming at low and high speed
- Power factor corrected from 4 kW to 12 kW, for lower power consumption
- Dimmable to 50%
- Light weight
- Dual wattage, so you can run lamps of different wattage from the same ballast
- Multi-voltage, from 110 to 240 V with auto-sensing
- Line over voltage and under voltage protection
- Over temperature protection
- Operations and diagnostic log system on most models
- Infra-red data key



Flight Cases

A range of smart, rugged, high quality flightcases has been specifically designed to protect your lighting equipment.

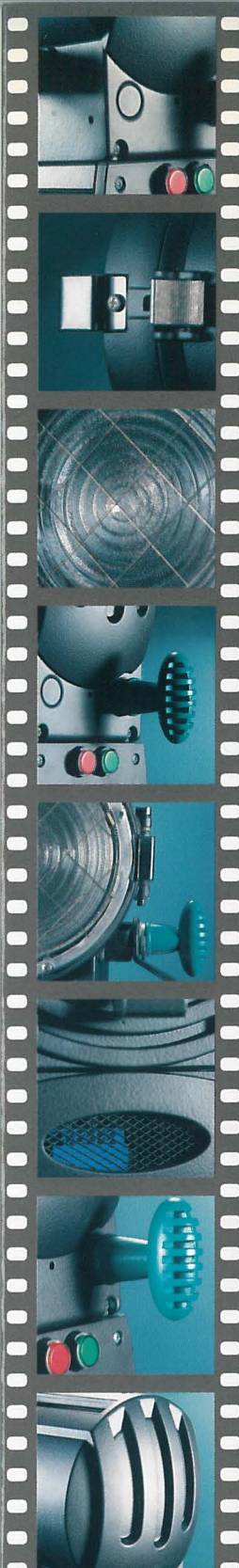
- Scratchproof surface
- Metal plates on all corners
- Flush handles
- Heat resistant interior
- Easy storage



Mechanical and DMX Dimmers

- DMX control with a 16-bit microprocessor for high precision shuttering.
- Digital selection of DMX 512 channels with LCD display.
- Motors controlled by a high quality micro-step driver with optical zero reset.
- Aluminium frame with iron fins coated with special anti-reflective high-temperature paint.
- CE mark.
- Also available with manual controls.





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Strand
 QUARTZCOLOR

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