



Features and benefits of the new Quartzcolor family

What is the new range?

The new range of luminaires for the film, location and studio markets consists of 4 families:

- **HMI** – Single-ended daylight Fresnels: 200W, 400W, 575W, 1.2kW, 2.5kW, 4kW, 6kW, 12kW.
- **PAR** – Single-ended daylight Parlights: 200W, 575W, 1.2kW, 4/2.5kW, 12/6kW.
- **STUDIO** - tungsten Fresnels: 1kW, 2kW, 5kW.
- **BAMBINO** – compact tungsten Fresnels: 500W, 650W, 1kW, 2kW, 5kW, 10kW

What present products will this new range replace?

The new range will replace all existing Strand Quartzcolor lensed luminaires.

HMI Daylight Fresnels replace:	all Sirios and Supernovas
PAR Daylight Parlights replace:	all Superquasars
STUDIO Tungsten Fresnels replace:	Polaris 1kw, Castor 2kw, Pollux 5kw, Vega 10kw
BAMBINO Compact Tungsten Fresnels replace:	Mizar, Bambino 1kw, Bambino 2kw, Bambino 5kw

What about spares?

For the new range: Spares packages have been identified for easy maintenance of all the new luminaires. We will support our customers with a comprehensive stock of spares to supply the market whenever they are needed.

Also, a spares sheet with parts list and an exploded parts diagram will be included in the carton with each one of the new luminaires.

And the new range will be included in the next version of the Strand spares CD ROM, due to be later this year.

Product from the 'old' range will be supported and provide spares for 5 years.



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HMI range

Strand Quartzcolor's new HMIs are the only range of daylight 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 (pending) on larger heads, so the units 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 lamp holder and spot/flood mechanism
- ON-OFF buttons, operated from both head and ballast
- Bonding eyes and rigging hooks on larger heads
- Front and back focussing on larger heads
- 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
- The new range is CE marked and meets all relevant international standards and regulations





PAR range

Strand QuartzColor's new PARs are the only range of Parlights 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 Parlights 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 200W to 12kW, using single-ended lamps.
- All units with redesigned optics, new lenses and new reflectors, giving exceptional optical performance
- Improved light quality and output, over all our competition, on all luminaires. Our PARs are significantly brighter than the competition
- Better quality distribution, i.e. flatter, more even field
- Use of common parts and accessories throughout the range, thus reducing the number of spares required. This is a key feature for rental houses.
- Interchangeable accessories, reducing the need for rental houses to stock many specific accessories for each product
- Ease of access to all units for maintenance
 - Lampholder and spot/flood mechanism reached by simply removing 4 screws.
 - Igniters reached by removing a further 4 screws
 - Most products from competition require many more screws to be removed, making it more difficult to maintain and repair.
- All units corrosion resistant for longer life
- IP23 rated (pending) on larger units, so the units can be used outdoors in humid conditions
- Quality, rugged, durable luminaires, that will perform well for years
- New easy running barndoor ears
- Front and back focus on larger heads, so the units can be easily focussed
- Bonding eyes located in the same position throughout the range, making them easier to use on location.
- Rigging hooks located in the same position throughout the range, making them easier to use on location.
- All knobs and handles located in the same position throughout the range, making them easier to use on location.
- Handsome, black, non-glare body, conversely to the competition. Easy to hide on location so that it doesn't disrupt filming; easy to maintain.
- Parlights have colour coded 5 lens system for easy identification, in carry case so that the complete set is readily available.
- All heads supplied with barndoor, a set of 5 lenses in case, and head to ballast cable.
- PAR 200W and PAR 575W are also available in special kits, giving the user all the components they may need in the same case.
- The new range is CE marked and meets all relevant international standards and regulations





BALLASTS

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

Strand Quartzcolor's electronic ballasts offer many unique features:

- Choice between flicker-free for filming at low and high speed, and silent mode
- Power factor corrected from 4kW to 12kW, 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 240V 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 rugged high quality flightcases has been specifically designed to protect lenses and lighting kits.

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





STUDIO and BAMBINO range

Strand Quartzcolor's new STUDIO & BAMBINO ranges have been developed specifically for Broadcast, TV Studios and Location lighting, 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. Superior optics, excellent performance, versatility, ease of use and maintenance make these two new families the natural choice of professionals.

- Two complete families: STUDIO from 1 kW to 5 kW; BAMBINO from 500 W to 10 kW
- Available in manual and pole operated versions
- Improved light quality and output, producing a flatter and more even field
- High quality, rugged, durable
- Corrosion resistant for longer life
- 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
- Bonding eyes and rigging hooks on larger units
- Front and back focusing on larger units
- New worm drive mechanism for precise focusing
- New focus system, easy to adapt from manual to pole operation and maintenance free
- Shorter barndoor ears for studio use
- New easy running barndoors ears
- Scratch resistant black non-reflective housing
- BAMBINO 500 W and BAMBINO 650 W are also available as a kit
- The new range is CE marked and meets all relevant international standards and regulations





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Press release

Press release

Press release

Press release

QuartzColor revolutionises location lighting

- **Totally unique design**
- **Superior optics producing exceptional light output**
- **Fast access for service/repair**
- **Commonality of parts**

Strand Lighting, the world leaders in professional lighting, have made a multi-million pound investment to research and develop a new family of luminaires, purpose designed to meet the changing requirements of the studio and location lighting markets.

The new and extended QuartzColor lighting range, aimed at cameramen, directors of photography, gaffers and television studios, is totally unique. Responding to extensive international market feedback, the new QuartzColor range has been designed completely from scratch - from the bottom up - rather than having evolved from a pre-existing range.

In addition to a remarkable attention to detail, QuartzColor boasts a reassuring ease of operation and superior optics, producing a much brighter light output that will enable it to comfortably outperform its competitors.

Throughout the entire range, the key design principles are specifically-produced lenses and reflectors, ease of maintenance (based on fast service access), commonality of parts (hence reducing spares) and body profile, and a durability which will make it reliably roadworthy.

Put quite simply, Strand have taken the famously-reliable QuartzColor name and produced a complete family of products for all TV and film applications - able to withstand the rigours of the road and appropriate to all territories.

The Background

Sensing the increasingly sophisticated requirements of the film and studio lighting industries, Strand Lighting embarked on a programme of research, development, prototype design and testing that was implemented at their purpose-built plant in Rome.

Strand Lighting managing director, Jim Ryan, confirmed: "The size of our investment underlines both the level of commitment and rapid response time which Strand Lighting has lent to this project," adding that market developments would continue to be monitored by the company, and responded to accordingly. "This will certainly not be an isolated event," he assured.

The Product

Strand will provide an entire range of luminaires for every conceivable application in these key markets, including Daylight PARs and HMI Fresnels (from 200 watts to 12 kilowatts for large film sets) and tungsten fresnel luminaires (from 500W to 12kW) for the Studio and Bambino lines. In total, this represents no less than 23 new products, all part of the same family with common spares and components.

The QuartzColor luminaires are easily recognisable by their distinctive features. In addition to their exceptional light performance, users will benefit from their compact size and ease of handling. The new QuartzColors are also compatible with the accessories of the previous generation.



So what is special about the new products?

Firstly, new optics have been designed. Larger, high-performance lenses and specifically-designed reflectors have been fitted into smaller chassis to produce a very high light yield, with a flatter and more even field.

The entire range has been fabricated either from aluminium or die-cast steel, making the chassis both corrosion-resistant and lighter than those currently on the market. All products have been designed to meet accepted rust and waterproof standards and are therefore rugged, durable and can be used outdoors in humid conditions.

In just a few seconds it is possible to access any component. By undoing just four screws the upper casing can be lifted, while removal of a further four screws provides easy access to the igniter. All these operations can be performed with the same screwdriver.

HMI Daylight Fresnels

The HMI range begins with the HMI 200W - adapted for outside location lighting but also suitable for studio - and moves incrementally to the newly-designed HMI 6kW, thus suiting all power requirements. They use single-ended lamps and provide a brighter, more compact alternative to the equivalent Sirio model (which they will replace), with additional features and ease of access. The specifically-designed lenses and reflectors provide superb optical performance with a remarkably even field.

Daylight PARs

The purpose lens and reflector design in this series - which also uses single-ended lamps - has revolutionised their light output. These fixtures also benefit from many user-friendly features, including the very useful and easily accessible focal adjustment, quick-release lampholders and the fact that the lamp replacement is achieved simply by opening the lens holder. QuartzColor PARs allow the distribution of a more compact, high-performance beam. Again, the QuartzColor PAR range - from 200W to 12kW - meets all power requirements.

BAMBINO & STUDIO Fresnels

Two complete families: STUDIO from 1kW to 5kW, and BAMBINO from 500W to 10kW have been designed for improved light quality and output, producing a flatter and more even field. Available in both manual and pole operated versions, the unique features of the range are designed to meet the most demanding of criteria of cinematographers, directors of photography, gaffers, lighting directors and rental houses.

In short, this has been the most exciting launch in Strand Lighting's long and eminent history. Summarised Jim Ryan: "The new QuartzColor family of products is entirely based on the feedback and requirements from Strand's rental houses, studios, distributors and end users, who have been consulted at every strategic stage.

"QuartzColor has truly been the result of a worldwide co-operation. We are very proud of this innovative new range, and the early feedback we have received in the countries where we have previewed it is extremely positive indeed."