

# Hurlcon waterfalls and fibre optics

## A choice of two Fibre Optic Light Sources.

Fibre optic cables carry light, but they don't generate it. For that you need either the Hurlcon Metal Halide Light Source or the Hurlcon Halogen Light Source.

Both feature a 4 or 8 colour wheel and both must be sited in a place where they are protected from direct sunlight.

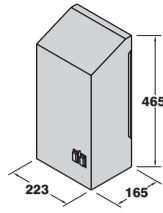
### Genus Technology.

Hurlcon Waterfalls and Fibre Optics are part of the Genus family of products.

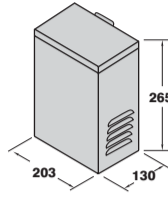
The Genus controller can turn lights and waterfalls on and off at preset times.



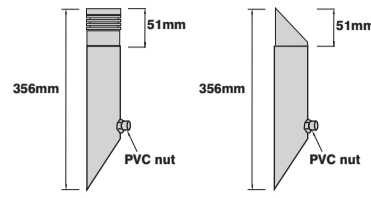
**Metal Halide Light Source.**



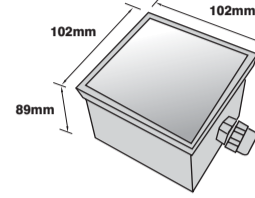
**Halogen Light Source**



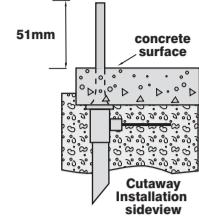
**Landscape Path Lights**



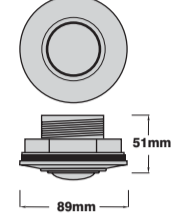
**Paver Lights**



**Light Sticks**



**Underwater Pool Light.**



## Specifications.

Light Source Models:	Voltage 50Hz	Power In Watts	Colour Wheel	Average Lamp Life	Fibre Capacity	Ambient Operating Temperature	Weight	Ventilation*	Clearance:			
									Top	Sides	Bottom	Front
Metal Halide	220-240	150	4 or 8 Colours	5,000 Hrs	550	5°C to 35°C	9 kg	Rear Fan	50mm	100mm	300mm	300mm
Halogen	220-240	250	4 or 8 Colours	500 Hrs	550	5°C to 35°C	3.5 kg	Side Fan	300mm	100mm	300mm	300mm

\* Installation must be protected from direct sunlight

Waterfall Models:	Lip Size	300mm	600mm	900mm	1200mm	1800mm	2400mm
Silkflow	25mm	Yes	Yes	Yes	Yes	Yes	Yes
Silkflow	150mm	Yes	Yes	Yes	Yes	Yes	Yes
Cascade	25mm	Yes	Yes	Yes	Yes	Yes	Yes
Illusion	150mm	Yes	Yes	Yes	Yes	Yes	-
Recommended height above water		300mm	600mm	900mm	900mm	900mm	900mm
Entry Width @ recommended ltr/min/m		200mm	500mm	800mm	1100mm	1700mm	2300mm
Distance from pool wall at entry @ recommended ltr/min/m		300mm	300mm	300mm	300mm	300mm	300mm

Available from:



Order Free Fax 1800 635 781  
or sales@hurlcon.com.au

**Victorian Office:**  
Ph: 03 9765 9765  
Fax: 03 9764 9009

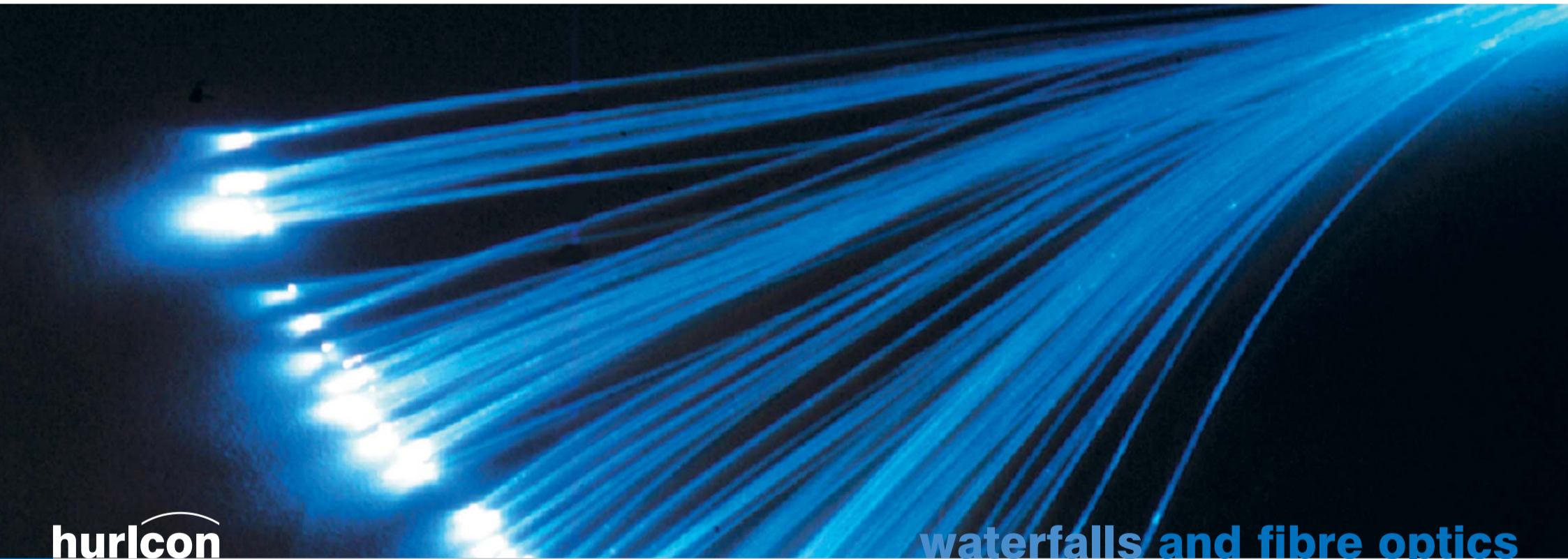
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waterfalls and fibre optics

Hurlcon established its engineering expertise in water heating, sanitising, pumping and filtering. Now that knowledge has given birth to a stunning range of waterfalls and fibre optic lighting options. There is nothing more luxurious and soothing than the sound of tumbling water. And there are few things more attractive to the eye than light dancing on water at night. Now, as part of the amazing Hurlcon Genus control network, these brilliant effects can complete your pool and spa experience.

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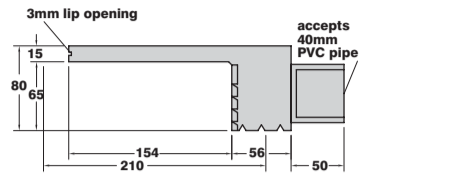
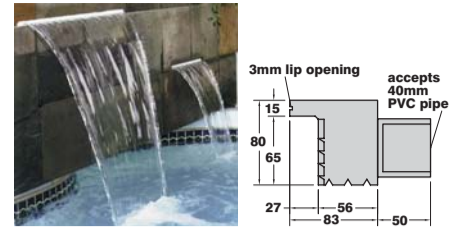
# Hurlcon waterfalls and fibre optics

Hurlcon's Genus system is revolutionising pool and spa technology by providing greater control and convenience than ever before. At the same time, new and exciting features are bringing new life and diversity to pools and spas. No longer is the pool area reserved solely for daytime exercise and recreation. Now it's designed for entertaining at any time of day or night.

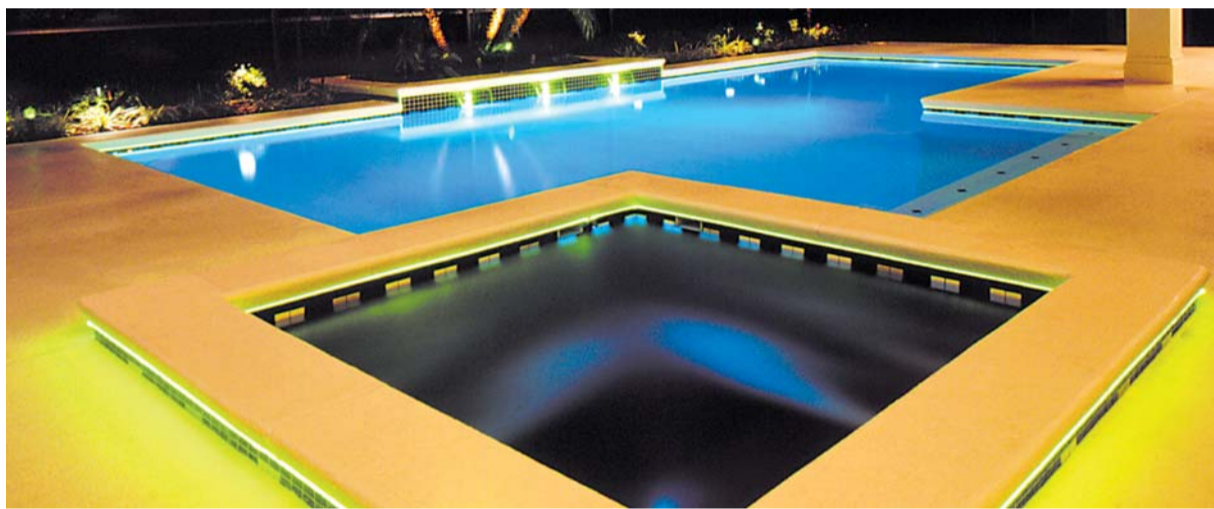
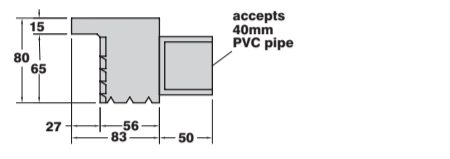
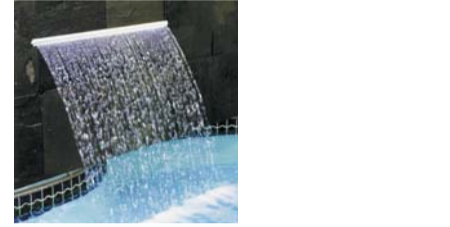
Two innovations have played a major role in this transition and both are now part of the Genus family. Falling water is one of the rhythms of life. There has always been something special about running water. Just listening to it is reassuring and comforting. Watching the ripples it creates, or water cascading into a pond is always quite mesmerising.

In fact, the simple addition of a waterfall can change character of a pool or spa instantly, bringing new life and interest. For Hurlcon, whose pumps, filters and heaters work brilliantly behind the scenes; their three stunning waterfalls are a rare opportunity to make a difference to the visual impact of a pool or spa.

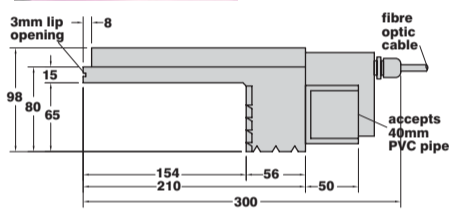
As its name implies, 'Silkflow' looks just like a wide and beautiful flowing ribbon of silk. Falling water is naturally chaotic, so controlling its flow so completely that a smooth, continuous band up to more than two metres wide is produced is quite an achievement. The effect is so remarkable that Silkflow has quickly become one of the most popular waterfalls on the market. It's available in lengths ranging from 300mm to over 2400mm.



'Cascade' conjures images of tinkling, sparkling beads of water. Water has a natural tendency to form droplets that tumble and splash in a seemingly random manner. With 'Cascade', it's not entirely random but careful design has recreated that wonderfully tranquil, relaxing, soothing and very natural effect. And it is also available a wide range of sizes from 300mm to 2400mm.

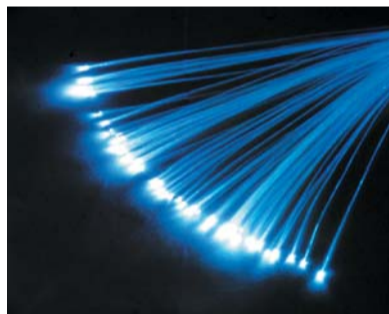
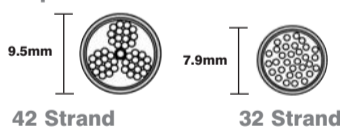


'Illusion' combines a silky ribbon with the brilliance of fibre optics. For the ultimate in visual impact, the combination of a falling ribbon of water with fibre optic lighting to creates an ethereal, otherworldly aura. In sizes from 300mm to 1800mm Hurlcon's 'Illusion' waterfall is a breathtaking addition to any swimming pool or spa. Optical capacity required is just 15 to 50 fibres.

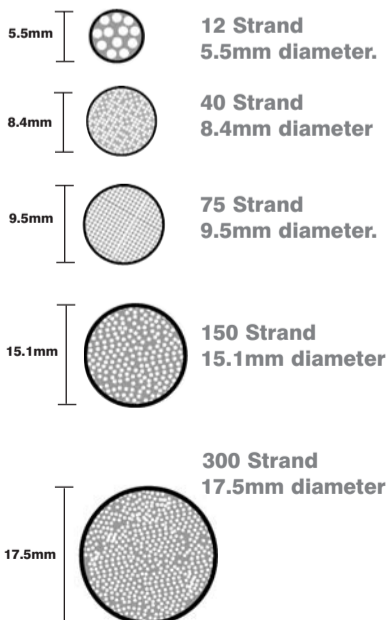


Hurlcon's Genus heating systems increase the days in a year a pool can be used and now fibre optics can increase the hours in each of those days. A brilliantly lit pool at night is just as enticing as a pool in full sunlight. So entertaining family or friends around the pool at night becomes a special experience. Hurlcon optical fibres can be run inside a clear tube so they emit light along their entire length, or they can be run inside a black tube so they carry their light to a point and only emit it from the end of the fibre. Both offer a dazzling range of options.

Sidelight cables are constructed of 0.75mm diameter acrylic optical fibres running inside a clear flexible sleeve. The 9.5mm diameter cable has quite brilliant light intensity. This is achieved by uniformly twisting its 42 strands around a central core of highly reflective PVC. This not only increases refraction, which dramatically increases light output, it also gives the cable greater strength and stability. At 7.9mm diameter, the 32 strand cable has medium light intensity output.



Endlight cable contains its light until it terminates in a stunning landscape or water feature. There's a wide range of possible Endlight applications and a wide range of cable sizes to cope with each one. The smallest has 12 strands and the largest has 300. All have straight fibres of 0.75mm diameter.

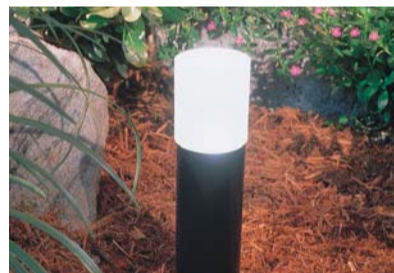


Sidelight cable emits brilliantly coloured light along its entire length. While pool lights illuminate the water itself, Sidelight is used to trace around the pool edge or specific pool features. It can change colour, is virtually unbreakable and is very energy efficient. It's also protected against ultra violet, algae and fungal attack. There is not electrical current or heat in the cable so Sidelight is completely safe.

Tracks carrying Sidelight can be either flexible and adhesive or rigid and non-adhesive. Both are easily cut or notched for bending, both can accommodate a slight radius and both accept 32 or 42 strand cable.



- Flexible Adhesive Track:**
  - Width 20mm
  - Length 2m
- Rigid Non-Adhesive Track:**
  - Width 10mm
  - Length 1.8m



Landscape Path Lights are brilliant beside a path or in the garden. The clear acrylic heads can be slanted or flat and grooved. Each is 51mm and sits atop a shiny, black, PVC body. Fibre capacity is 12 to 42 strands.



Paver Lights are a stylish addition to paths, paving or feature walls. Measuring 102mm square and 89mm deep these light boxes are tough enough to carry foot traffic. Each uses one 12 strand cable so just one light source can power 40 pavers.



Light Sticks are simply amazing. Put them through the garden or pour concrete around them and, when it has set, simply cut them off at ground level for a stunning effect. Fibre capacity to 12 strands.



Flexible Spot Lights provide large coverage or delicate highlights. Being both flexible and powerful these new spotlights are perfect for highlighting trees and gardens. The 150 strand spotlight has bright light intensity while the 75 strand floodlight generates medium light intensity.



Underwater Pool Lights. Beautifully designed to fit fibreglass, vinyl-lined or concrete pools, spas and fountains, the white PVC housing comes with either a flat plastic lens or convex glass lens. Fibre capacities are between 75 and 300.