

# Entertainment Technology

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## Avolites Tie-Up with Lighting Partners for Used Equipment



Avolites has announced that Lighting Partners will be its exclusive partner for the sale of used Avolites equipment. Continuing its commitment to quality used equipment sold through usedlighting.co.uk, the Avolites collaboration will see consoles serviced and refurbished at Lighting Partners South London base by Avolites trained technicians. This will ensure the exacting standards customers have come to expect from Avolites will be upheld as the consoles enter their second life.

David Morgan of Lighting Partners commented: "We are thrilled to be able to work with Avolites. The optional addition of a cost effective Avolites backed one year factory warranty and other upgrades pushes further the quality of used equipment from usedlighting.co.uk."

Avolites Phil Blue added: "Our new collaboration with Lighting Partners will enable us to focus solely on new manufacturing whilst continuing to offer a trade-in for customers wishing to upgrade to new Avolites product."

Steve Warren, sales director of Avolites adds: "Having inspected Lighting Partners sales and service centre, Phil Blue and I were impressed by their enthusiasm, commitment to quality and most of all their professionalism."

The first batch of consoles will appear on usedlighting.co.uk shortly.

[www.usedlighting.co.uk](http://www.usedlighting.co.uk)

## W-DMX at a Night at the Pyramids



Wireless Solution Sweden AB recently helped make a concert at the Pyramids of Giza worthy of a Pharaoh. 'Beladi - A Night at the Pyramids' was the first televised concert ever recorded at the historical site. Lighting designer Matthieu Larivée of Luz Lighting Design and assistant LD Vally Tremblay of Proluxon designed a colourful array of effects on the massive structures using almost 600 fixtures. The landscape provided the biggest challenge, the shortest distance from console to fixture was approximately 1000 metres and the longest more than 1800 metres, across rough desert terrain. A logical solution for DMX control of the massive equipment list was W-DMX by Wireless Solution.

*Full story etnow.com Production News*

## Robe in South Africa for FIFA Preliminary Draw



Gearhouse South Africa has invested in 24 Robe ColorSpot and ColorWash 2500E AT fixtures which made their debut on the 2010 FIFA World Cup Preliminary Draw at the International Convention Centre in Durban. The new units were an integral element of Tim Dunn's lighting design for the event, which was broadcast live by the South African Broadcast Corporation (SABC) to over 200 territories worldwide (team picture on page 4). *Full story etnow.com Production News*

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**Sky Light Go 360  
Degrees in Lyon**



**Timax at Heart of  
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## Sky Light Go 360 Degrees in Lyon

It's estimated that almost 4 million visitors trip to Lyon to witness the annual Festival of Light, and Sky Light of Paris usually come up with something spectacular for at least one major site during an event that transforms the City. The Festival brings together conceptual artists and offers a dynamic showcase of contemporary creation in connection with light, with over 80 creations scattered across Lyon.

Back in June, when Sky Light won a bid to produce a spectacular light-piece for the Place des Terreaux as part of the annual Fête des Lumières in Lyon (December 6-9), they had an inkling that the project would involve some intricate planning and more that a little expertise along the route to a successful conclusion.

The concept, developed with lighting designer Jean-Yves Orcel, involved the use of a spherical translucent sphere, four metres in diameter, with its 360 faces mounted with colour gels. Orcel's basic idea was to show the colours as if the sun was playing through stained glass windows. Choosing 20 pure colours from the GamColor range



Jean-Yves Orcel at work cutting gel for the faces of the sphere ready to be placed in the completed structure (below).



A section of the aluminium sphere in manufacture in FL Structures' soldering and welding department.



Yves Colombatto inspects a 7kW xenon internal "illuminator" that he designed to illuminate the heart of the sphere for a spectacular translucent effect.

(from the cyan, yellow and magenta families) the result of embodying them within the shape of the sphere was to mix the surfaces, thanks to the "sunlite" from xenon sources while the sphere rotated. This produced a unique colour mix for such a large scale project.

The sphere itself rotated on its base thanks to a one-metre diameter bearing. To achieve the desired effects, it was calculated that 21 Syncrolite SXB-5/2 fixtures would be required to project the mixed colours onto the facades around the square in addition to the ground level terraces where the audience would walk around.

To light "upside down" the sphere's coloured surfaces, it was necessary to hang seven xenon fixtures at the top of special masts designed for the purpose. "In this way, thanks to the design of tilted mast bases, it proved possible to produce an attractive 'star' with seven branches," explained Jean-Marie Leriche of Sky Light. "For safety



The first test of rigging the sphere in FL Structures' yard.



The FL Structures team show the completed sphere before Sky Light added their touch of colour.



The sphere in location in the Place des Terreaux, Lyon.

reasons, the site around the masts was designed in order to avoid any audience members entering the technical area."

Sky Light needed to design the aluminium sphere itself as one of this size had never been manufactured before. "After a long R&D process, during my summer holidays, we contacted FL Structures, the French truss manufacturer so we could ensure the quality, precision and shape

we needed," explained Jean-Marie. "To build a complete sphere with aluminium tube is a nightmare – you can't allow for any error during the multitude of welding operations!"

The construction of the sphere involved eight sections, each transported in a standard 50m3 truck within a 6 metre long crates. The final rigging took place in Lyon on December 3, with the aid of 13



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The complete system was ready for 'switch-on' by December 4 to enable a night of focusing, using memories set up in advance using WYSIWYG software. "The whole structure enabled the audience to watch and discover the colour mixing effects produced from three filters – two on the opposite sphere and one (minimum) inside the Syncrolites by using a dual colour changer," explained Jean-Marie Leriche.

The final result was both spectacular and unusual – and one of the centre-pieces of this year's Festival.

*Pictures: Guillaume Atger for Sky Light.*

