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Analytik reports on Philips Lighting using the GL SPECTIS 1.0 touch at the Chelsea Football Club arena

Cambridge, UK, 6th October 2015: Analytik, leading suppliers of innovative analytical instrumentation, partner with German company, GL Optic, to supply handheld and laboratory spectrometers and integrating spheres for next generation lighting quality control and research applications. Analytik report on Philips Lighting using the GL SPECTIS 1.0 touch light measuring spectrometer for measuring the quality of the ArenaVision LED installation at the Chelsea Football Club arena.

Philips has provided state-of-the-art ArenaVision LED pitch lighting for Chelsea Football Club making Stamford Bridge the first stadium for a top flight football club equipped with this pioneering lighting system, which will ensure that the stadium continues to be one of the most famous sporting arenas in the world.

The Philips [ArenaVision LED floodlighting system](#) is an innovative LED pitch lighting solution, designed to provide footballers, fans and TV broadcasters with the best possible experience and to support the latest Premier League requirements for TV broadcasting. These include lighting standards for high definition super slow-motion replays, avoiding the flicker synonymous with conventional lamps. The system can also be used to create special entertainment lighting effects that would normally require dedicated stage-lighting, providing the opportunity for the floodlights to be integrated into pre- and post-match light shows to help build the atmosphere and excitement in the stadium.

Speaking about the benefits of using the [GL SPECTIS 1.0 touch](#) at the arena, technical and design director, Mike Simpson, says "LED lighting is best tested with spectroscopic equipment; old-style lux meters and colour temperature devices are not so accurate for LED-based lighting. The GL Optic device allows us to rapidly and accurately assess the quality (brightness, colour, stability) of LED-based lighting installations. The GL SPECTIS 1.0 touch is a very fast spectrometer and easy to use in a field."

Analytik product specialist, Adrian Waltho, continues "We are very pleased to provide Philips Lighting with this latest lighting measurement technology. GL Optic's smart spectrometer gives you the best tool for precise and automated testing of LED luminaire performance leading to making the right design decisions and taking control of LED-based systems implementations".

The GL SPECTIS 1.0 touch is the world's first smart spectrometer. A unique, reliable, precise and intuitively operated spectral instrument specifically designed for the measurement and characterisation of next generation light sources - especially LEDs - providing accurate photometric information, spectral distribution and colour co-ordinates conforming to CIE standards.

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To find out more about the GL Optic range of dedicated light measurement and testing instrumentation solutions, visit: <http://www.analytik.co.uk/dedicated-light-measurement-and-testing.htm>

Attachment:



Left images: the Philips Lighting ArenaVision LED and the Chelsea Football Club arena (images courtesy of Philips Lighting at <http://www.lighting.philips.co.uk>) Right image: the GL SPECTIS 1.0 touch

For a high resolution copy of the image, either right click to download or contact Jezz Leckenby at Talking Science.

About...Analytik are leading suppliers of innovative analytical instrumentation to the UK and Ireland. Delivering cutting-edge solutions from global technology providers, coupled with responsive service and flexibility has enabled Analytik to build an impressive customer base since forming in 2003. Analytik's partners include Agilent Technologies, ASD Inc.(a PANalytical company), SciAps, Microfluidics, Sentronic, GL Optic, GeSiM, Avian Technologies, CPS Instruments, Videometer, Headwall Photonics, Quantum Northwest and Schmidt + Haensch. Solutions include portable and handheld spectrometers (FTIR, NIR & Raman), spectral imaging systems, light measurement systems, reflectance standards and coatings, non-contact nanolitre dispensing systems, nanoparticle size analysers, high shear fluid processors, sample temperature control systems, polarimeters and refractometers.

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