



Bosch delivers security and safety lighting in one rugged, high-performance unit

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## **AEGIS SuperLED White Light provides uniform illumination optimized for CCTV surveillance**

- ▶ Optimized to deliver accurate color rendition in surveillance video
- ▶ Instant start-up, even illumination assures highest quality surveillance images and maximum safety
- ▶ Constant Light technology maintains consistent illumination levels for the life of the unit

Bosch Security Systems is extending its range of solid-state illuminators with the launch of its AEGIS SuperLED White Light version that delivers instant start-up, visible white light. It enables clear, accurate color surveillance images at night and delivers uniform illumination for safety in high risk areas.

The new AEGIS SuperLED White Light unit features high-efficiency LEDs with a color temperature which precisely matches the sensitivity of video camera sensors, assuring surveillance images with maximum color rendition. This reduces image noise and increases the video signal dramatically improving night-time imaging.

In common with the other products in the range, AEGIS SuperLED White Light features Bosch's innovative 3D diffuser technology. This distributes light evenly between a scene's foreground and background to eliminate the image "hot spots" and underexposed areas common with other LED-based illuminators – and allows surveillance cameras to operate within their correct dynamic range.

The new white light illuminator also features Bosch's Constant Light technology, which automatically controls and adjusts light output to compensate for naturally-occurring LED degradation over time as well as variations

in LED output caused by fluctuations in temperature. This makes it the only illuminator that can guarantee a constant level of lighting performance for the life of the illuminator, at a temperature range from -40 to +50 degrees Celsius, covering geographical locations from Alaska to the Middle East.

It is easy to install and is supplied a rugged IP67 rated housing which makes it suitable for tough outdoor conditions.

With instant start-up, a typical operational life in excess of 5 years and low power consumption (when compared with other types of lighting such as fluorescent and halogen lighting), AEGIS SuperLED White Light delivers a high performance, reliable lighting solution for important, outdoor safety and security applications.

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