

Vision Smart Lighting

The Next Generation



Tamlite believes a circular economy, occupant wellbeing and safer buildings, through the power of smart lighting, are the future.

Simpler Smart Lighting

Smart Lighting utilises the latest wireless technology, reducing the need for cabling and precious earthly elements such as copper. Consuming less energy and using fewer components means that the new generation of simpler, smart lighting systems is changing the way buildings are managed.



Enhancing the Circular Economy

On average 8,000m of additional cable is used in a typical DALI installation. Smart lighting uses zero. This presents engineers with an opportunity to improve system performance, design waste out of their projects, and reduce the environmental impact of their buildings.



From Classroom to Campus / From Office to Estate

In a smart lighting system, each luminaire has its own integral wireless node. A designer can therefore scale up the lighting from one room, to a whole building, to an entire estate. Also, future projects can be commissioned without impacting existing installations.



Simplified Emergency Lighting

The law, such as BS 5266, dictates that emergency luminaires must be tested monthly and annually. Smart wireless emergency systems allow specific scheduling of monthly and annual tests, providing peace of mind and minimal disruption.



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Improved Wellbeing

Vision Smart provides building occupants with the flexibility to control their lighting. Enhancing wellbeing in the workplace is critical to boost productivity and focus, and through better connected lighting, facility managers can create the ideal working environment for staff.



Energy Monitoring

Smart lighting systems are capable of live “energy interrogation”, luminaires providing an ongoing breakdown of how much energy is being used, from a single room to multiple sites. This helps building managers to make more informed decisions about their facility.



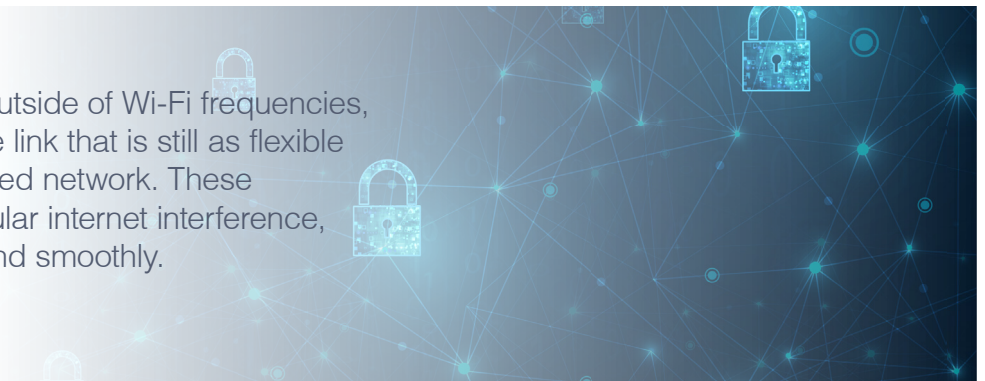
Making Perfect Sensors

Wirelessly connected luminaires are fitted with PIR sensors, delivering additional control and are able to reduce energy consumption by up to 30%. Daylight harvesting sensors can also be added in zones, delivering over 40% energy savings on top of the savings achieved by only PIR sensors.



Boosting Security

Vision Smart lighting operates outside of Wi-Fi frequencies, creating an exceptionally secure link that is still as flexible and user-friendly as a Wi-Fi based network. These networks are also free from regular internet interference, ensuring that they run quickly and smoothly.



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