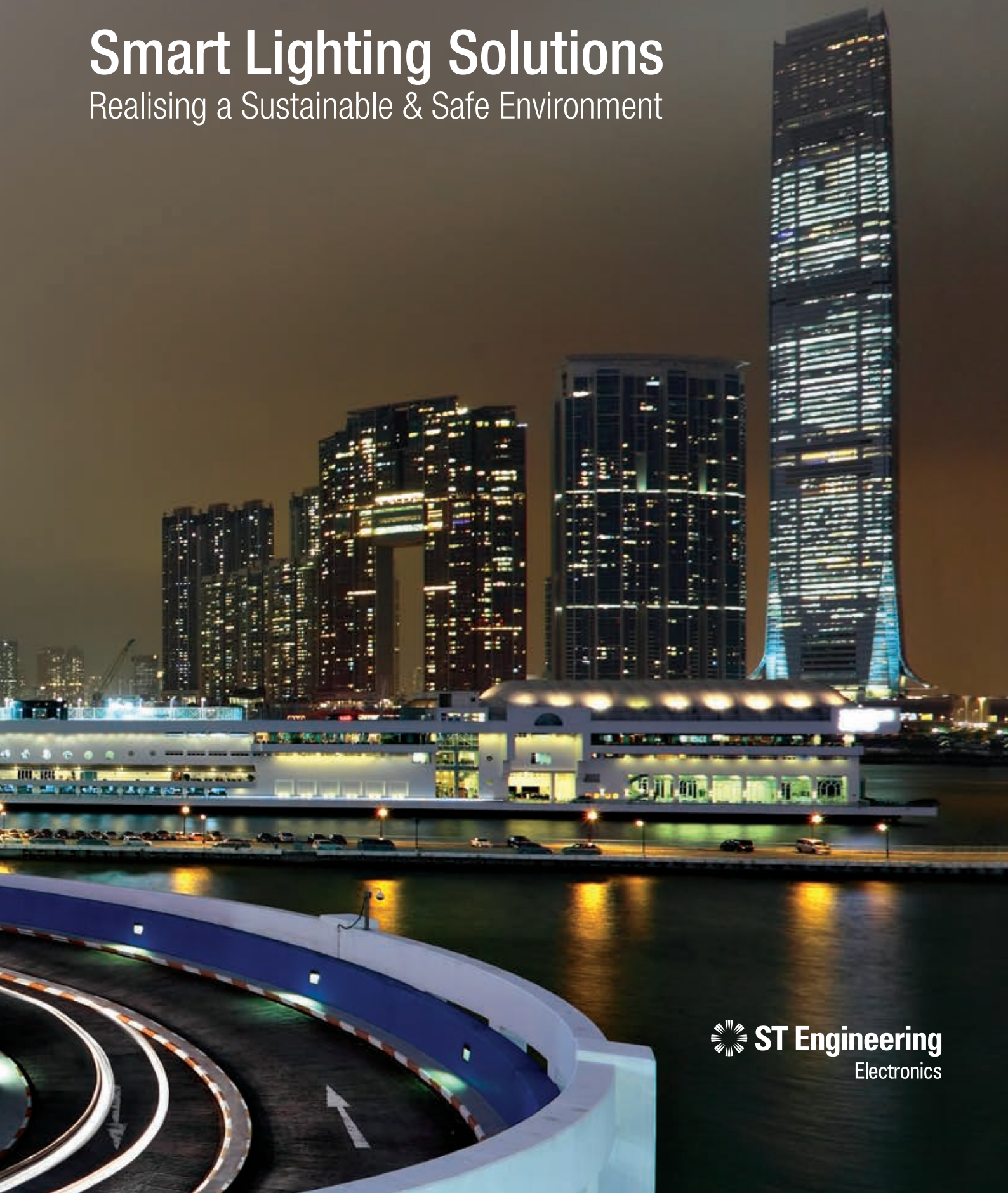
AgilLiteS
Smart Lighting Solutions

Smart Lighting Solutions

Realising a Sustainable & Safe Environment



ST Engineering
Electronics

AgilLiteS - Smart Lighting Solutions

AgilLiteS, an on-demand lighting system, consists of wireless networked sensors and a smart control unit to allow the efficient use of lighting without compromising the users' safety and security. It is designed to manage lighting based on demand by using smart sensors and adaptive algorithms, thereby achieving high energy efficiency and an improved user experience.

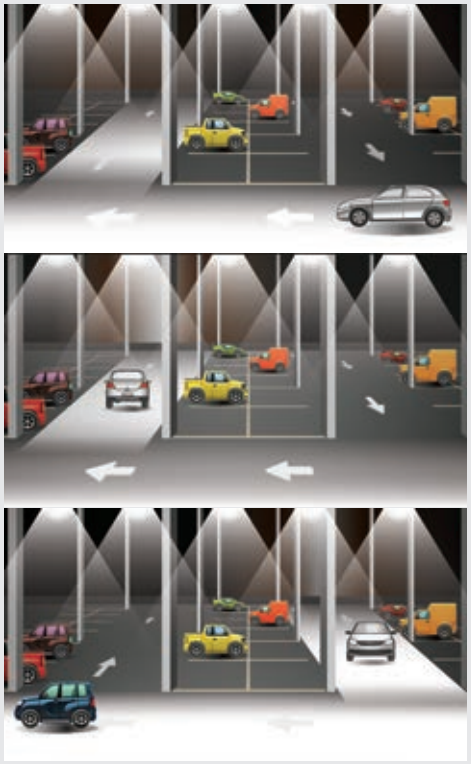
It is ideal for deployment in common areas such as multi-storey or basement car parks, stairwells of commercial buildings as well as sheltered overhead bridges and covered walkways.

Staircase

No more gloomy encasement

In low traffic areas like staircases, illumination is maintained at low but safe levels.

When a pedestrian enters the stairwell and walks up or down the stairs, lights in the immediate surroundings and at least one level above and below, are brightened up automatically.



Car Park

Predictive illumination

Smart algorithm predicts the path of oncoming vehicles and lights up the driveway in advance, ensuring sufficient brightness ahead for drivers as the car moves within the car park.

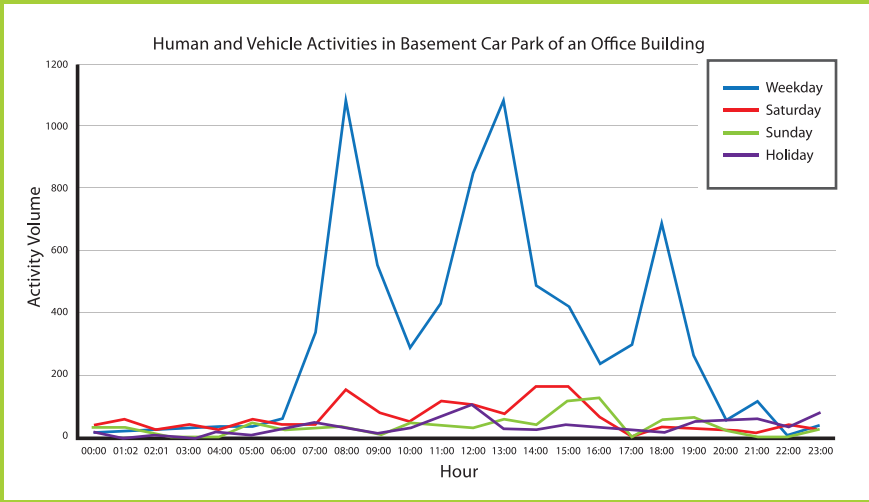
Motion sensors automatically detect pedestrians and light up the pathway leading to the exit or parked vehicle.

System Features

- Predictive lighting illumination
- Soft dimming
- Programmable lighting schemes
- Wireless networked sensors & smart controls
- Self-diagnostic & fail-safe mechanism

Benefits

- Enhanced energy & cost saving
- Enhanced safety and security
- Ideal for use in public areas
- Remote configuration, control & monitoring



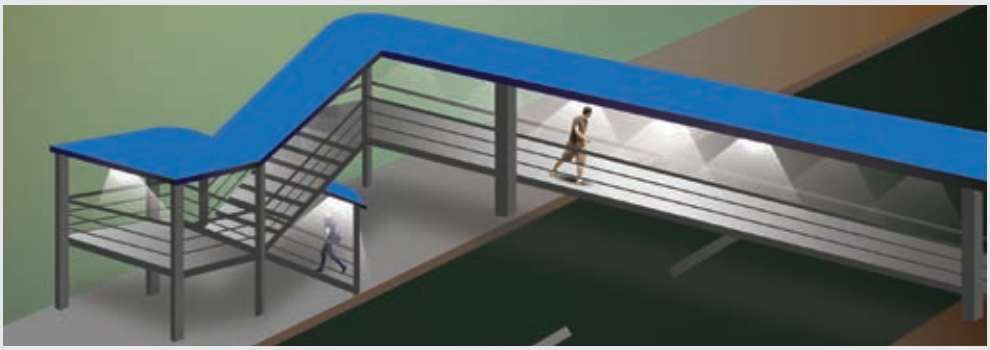
Energy wastage can be minimised by dimming down lights in zones where no human or vehicle activity is detected

Overhead Bridge

Illumination that 'moves' with you

While other lights on the overhead bridge are maintained at lower illumination when there is no pedestrian, lights in the immediate surroundings of the pedestrian brighten up as he moves along. Lights in front of the pedestrian ramp up as he moves forward, and dim down after he passes them, creating a safety lit path.

For vehicles approaching the overhead bridge, this gradual adjustment of brightness minimises visual disruption to the drivers and enhances driving safety.

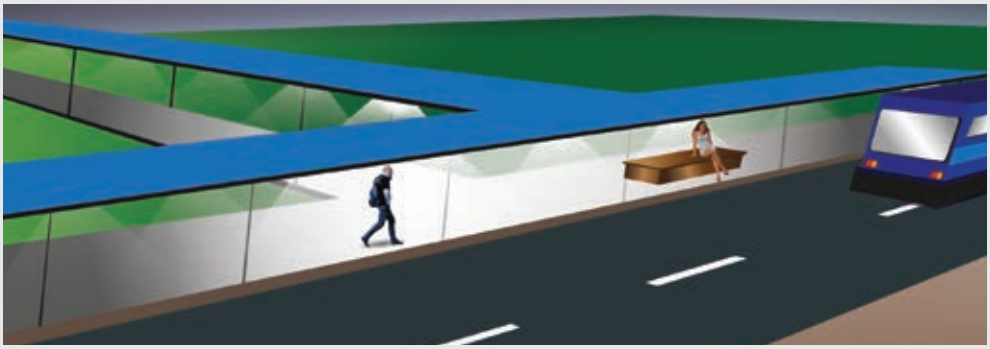


Walkway

Softer lighting for a more pleasant environment

AgilLiteS predicts pedestrian movement and lights up pathways in advance. Lights dim down to the safest minimum level of brightness when no pedestrian traffic is detected.

'Soft' and gradual increments in brightness provide a smooth transition and minimise the visual irritation brought about by abrupt brightening and darkening, resulting in a more pleasant experience for pedestrians, drivers and residents living nearby.



ST Electronics (Satcom & Sensor Systems) Pte Ltd
ST Engineering Hub, 1 Ang Mo Kio Electronics Park Road, #06-02, Singapore 567710
Tel: (65) 6521 7888 Fax: (65) 6521 7333 Email: mktg.satcoms@stengg.com
Website: www.stengg.com

Rev062018