



SCAN ME



Site Wide Services i-Site Lighting

OPTIMISING EFFICIENCY ON SITE

Introducing Blakley i-site intelligent lighting

The i-Site intelligent lighting system, which operates on 110v, aims to minimise running costs and energy usage working in conjunction with light level detection and movement sensors.

How does i-Site work?

i-Site combines light level and movement sensors to provide the most energy efficient solution for each lights individual location and use.

The settings can be adapted to suit the use of the area e.g. desks lights would switch off completely when no movement detected. But in hallways levels would dim and not switch off completely to accommodate frequent foot traffic.

i-Site lighting includes sensors on each individual fitting allowing increased flexibility of light levels, rather than the traditional PIR grouping controls.

LIGHT LEVEL



i-Site incorporates a photocell sensor. If the ambient light level is above the pre-set lux level, the LED array dims or switches off and is only restored when the level drops beneath the pre-set figure.

Pre-set ambient light levels are 2, 10 or 50 lux (default setting is 50 lux).

If a site requires a set level of light at all times, the stand-by period can be permanent. This will supply a continuous dim light, which will be restored upon detection of movement.

MOVEMENT DETECTION SETTINGS



i-Site incorporates movement sensors and if no movement is detected in the vicinity, after the defined hold time has elapsed, the light dims. The light will completely switch off after the stand-by period has passed.

The motion sensor can be set to a hold time of between 5 seconds and 30 minutes. If no movement is detected, the light can be dimmed by 10, 20, 30 or 50% of normal output.

During the stand-by period, the light output can remain at this level indefinitely or it can be switched off after 0 to 60 minutes. If movement is detected whilst the lights are dimmed then full output will be restored.

ALTERING SETTINGS



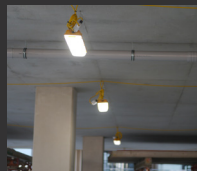
Altering settings are adjusted by a series of dip switches located behind the diffuser, on the gear tray. Full instructions on adjusting the settings are supplied with each fitting.

SIMPLISTIC INSTALL



i-Site lighting can be fed from a standard 110V site transformer via Flori-67/3P (our plug-in wiring system) or it can be hard wired using standard three core cable.

EMERGENCY LIGHTS



If there is a mains failure, the LED array is supplied directly from the emergency module for a period of three hours regardless of movement detection.

i-Site luminaires are intended to be supplied from a standard site transformer via a 3C cabling system. There must also be a permanent supply to emergency fittings.

With i-Site there are virtually no "out of hours" running costs, providing no movement is detected.

SAVINGS



Period	21 days
No. of fittings	54
Standard offering consumption (kWhr)	1065
i-Site Lighting consumption (kWhr)	819
Running cost saving (@0.44p/kWhr)	£108.13

kWhr cost saving per year/unit	£34.80
CO ₂ reduction per year	995kg
i-Site saving vs standard offering	£1,879.33

*Specific performance of i-Site will be subject to site