



VERSION 2



# VISION

## LIGHTING CONTROLS

Lighting for  
a Living

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## VISION 100

### Stand alone controls

8 - 15

- Stand alone passive-infra-red and microwave devices
- Latest high definition technology for improved coverage
- Easy to install and commission
- Micro and macro detection areas (HD Models)



## VISION 200

### Integrated Devices

16 - 29

- Miniature or standard options to suit most luminaires
- Passive or microwave technology for ultimate in application suitability
- Pre-installed devices reduce installation times
- Devices can be connected for system control
- Choice of low, mid or high bay devices



## VISION 300

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Connection and control in one simple package



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# TAMLITE LIGHTING

SINCE 1967

Tamlite Lighting continues to offer a superior range of products and services within all sectors of the lighting and fire alarm market. Providing the best value, the best solution and a complete package for designers, architects and installers, throughout the UK and Ireland.

Lighting for work and lighting for play, lighting for night and lighting for day; Tamlite have nearly 50 years of experience in providing lighting solutions for everyday needs. The dedication and skill of our 'Lighting Team' are the key asset in creating a lighting environment that is functional, comfortable and practical.



## VISION LIGHTING CONTROLS

**The VISION range of lighting control products from Tamlite Lighting, are designed to provide a flexible yet simple solution, so our customers can benefit from the latest energy saving technology.**

The products are based around 4 main system types, all of which offer a reliable, professional and easy to install solution. Furthermore, all the products are supported by our Field Sales team

and Technical Department who can provide advice on custom-made solutions for every application.

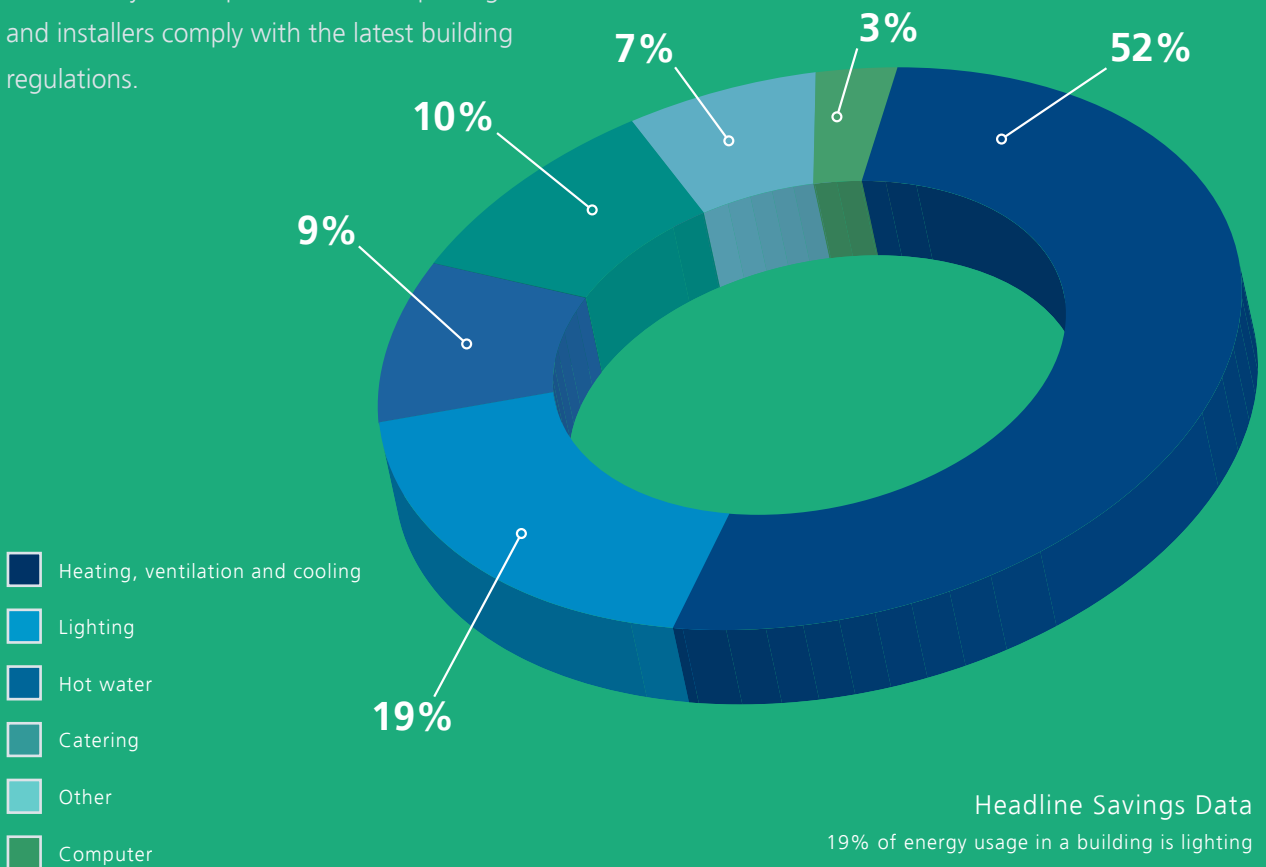
One of the biggest issues for those involved in the design of new buildings or the maintenance of existing ones, is energy efficiency. The efficient management of the Earth's resources now influences many key decisions in public and commercial environments.



# VISION

## LIGHTING CONTROLS FOR A LIVING

Lighting accounts for approximately 19% of the UK's total electricity consumption and in commercial office installations it can represent half of all energy use. With this in mind TamLite Lighting can offer a wide range of products and services that reduce these costs by up to 70%. Many of our products also help designers and installers comply with the latest building regulations.



Source: Department of Energy and Climate Change

**Headline Savings Data**  
19% of energy usage in a building is lighting  
Savings of up to 70% can be made with lighting controls  
Paybacks can be less than 1 year

# APPLICATIONS

## Education

A photograph of a modern classroom with several rows of desks and chairs. The room is well-lit, and the desks are arranged in a way that suggests a collaborative learning environment.

The lighting environment within schools and universities is now more demanding than ever. The variety and flexibility that is needed for the many different teaching layouts has resulted in greater focus than ever on making sure lighting enhances the teaching experience.

Many classrooms and workspaces have an abundance of ambient daylight and a lot of people movement, so careful design of the space and lighting controls can help to provide energy saving benefits without compromising the lighting.

Integrated sensors can help provide accurate illumination levels within each area of a classroom to make sure everyone has the exact amount of light they need. These can then be connected without complexity so that luminaires can easily be grouped. Absence detection can also make sure that energy is automatically saved when rooms are empty and quickly vacated.

## Warehouse / Industrial

A photograph of a large industrial warehouse with high ceilings and numerous high-bay storage racks filled with boxes. The lighting is bright and even, illuminating the entire space.

The challenge of controlling illumination levels at high mounting heights can easily be overcome with the introduction of medium or high bay sensors which can operate from 6m to 16m. These can be easily integrated into the TamLite luminaire range to enable ease of installation whilst allowing daylight dimming or presence control.

This allows energy savings in large areas when movement is restricted to isolated instances within a busy warehouse location. The highly accurate control of lens masks, or tilting lenses, allows main thoroughfares to be lit whilst unoccupied aisles remain on standby, or even off.



## Office

As the workspace within offices changes to a more dynamic and varied environment, the need for greater consideration and enhanced technology to control the lighting space grows and grows.

An understanding of the users needs and movements is vital in making sure that presence detection is a benefit not a hindrance and careful management and commissioning of interconnected systems will help secure some significant energy savings.

Highly accurate lens control on stand-alone sensors can help control lighting in key areas such as corridors whilst avoiding triggering illumination in open-plan areas.

A change of office layout can easily be accommodated with the quick-link wiring connections and the new micro detection zone feature allows lighting to be kept on even under the most static of work conditions - such as desktop PC tasks.



# VISION 100

STAND ALONE (PIR - FIXED OUTPUT)

## VISION 102

Fixed output PIR sensor with photocell

### Features

- > High sensitivity occupancy detection
- > Integrated photocell control
- > Absence and presence mode
- > Flush or surface mount options
- > Suitable for up to 3.5m mounting height with up to 14m diameter coverage
- > Optional mid or high bay versions, can increase mounting height to 16m



SENSOR

### Compatible with:



### Options

- MB** Mid-Bay up to 12m mounting height
- HB** High-Bay up to 16m mounting height

See page 28 and 29 for further details



Order Code	Version	Dia (mm)	Depth (mm)	Cut Out (mm)
V102HD	Flush mount	87	93	73
V102HD/S	Surface mount	93	108	

**Note:** VISION 100 range can be used as an integral device within TamLite Hilux and Expo ranges.

A modern office interior with desks, chairs, and large windows. The office is brightly lit with natural light from the windows and artificial light from the ceiling. The desks are white, and the chairs are black. The walls are dark, and the floor is dark grey.

### Technical

Operating voltage	230V +/- 15%
Power consumption	Load on - 500mW / Load off - 150mW
Load rating	6A
Max inrush current	80A
Operating temperature	0 - +45°C
Weight	0.14kg
Material	Flame retardant PC/ABS

### Performance

Occupancy timeout	5 seconds +
Photocell operation	Enabled / Disabled
Photocell turn ON level	100 - 1000 Lux
Photocell turn OFF level	Up to 6 x ON level
Power up state	Occupied / Unoccupied
Movement sensitivity	Low / Med / High / Max
Indicator LEDs	Enabled / Disabled

# VISION 100

STAND ALONE  
(PIR - DAYLIGHT DIMMABLE)

## VISION 103

Dimmable remote PIR sensor

### Features

- > High sensitivity occupancy detection
- > Integrated daylight dimming
- > Absence and presence mode
- > Automatic selection of DALI or DSI control
- > Suitable for up to 3.5m mounting height with up to 14m diameter coverage
- > Energy savings and status can be captured via programmer
- > Optional mid or high bay versions, can increase mounting height to 16m
- > Flush or surface mount options



SENSOR

Compatible with:



V10P



V20P



V30P

### Options

**MB** Mid-Bay up to 12m mounting height

**HB** High-Bay up to 16m mounting height



Order Code	Version	Dia (mm)	Depth (mm)	Cut Out (mm)
V103HD	Flush mount	87	93	73
V103HD/S	Surface mount	93	108	-

**Note:** VISION 100 range can be used as an integral device within TamLite Hilux and Expo ranges.



### Technical

Operating voltage	230V +/- 15%
Power consumption	150mW
Load rating	Switching 10 / A / Dimming 15 ballasts
Max inrush current	80A
Operating temperature	0 - +45°C
Weight	0.14kg
Material	Flame retardant PC/ABS

### Performance

Occupancy timeout	5 seconds +
Photocell operation	Enabled / Disabled
Photocell turn ON level	100 - 1000 Lux
Photocell turn OFF level	Up to 6 x ON level
Power up state	Occupied / Unoccupied
Movement sensitivity	Low / Med / High / Max
Indicator LEDs	Enabled / Disabled

# VISION 100

STAND ALONE  
LONG RANGE (MICROWAVE)

## VISION 104

Long-range microwave detector

### Features

- > Advanced microwave technology provides greater sensitivity and control
- > Simple presence detection with dimmable option available
- > Ideal for directional detection
- > Up to 20m adjustable range
- > Semi-recessed as standard
- > Adjustable time to off delay

### Options

- /D Dimmable option daylight control with dimmable output
- /S Surface version (Height - 95mm)

Compatible with:



See page 29 for further details



SEMI-RECESSED



SURFACE

Order code	Dia (mm)	Height (mm)	Cut out (mm)
V104	74	95	76

# VISION 105

## Long-range microwave detector

### Features

- > Advanced microwave technology provides greater sensitivity and control
- > Simple presence detection
- > Up to 30m adjustable range
- > Adjustable time to off delay
- > Ideal for large offices, factories and warehouses
- > Mounting box, detector and control unit in one package

### Options

- /S Surface version (100mm diameter)
- /30 30m extra long range version



S U R F A C E

Order code	Length (mm)	Width (mm)	Depth (mm)
V105	180	130	150

# VISION 100

STAND ALONE  
(MICROWAVE DAYLIGHT DIMMABLE)

## VISION 106

Remote microwave detector

### Features

- > Advanced microwave technology provides greater sensitivity and control
- > Provides presence and daylight dimming detection
- > Provides 360° detection
- > Can dim high frequency digital dimming control gear
- > 7m diameter detection
- > Flush fix for modular ceiling grid
- > Adjustable time to off delay
- > Surface version available

### Options

/S Surface version (100mm diameter)

Compatible with:



See page 29 for further details



RECESSED



SURFACE

Order code	Dia (mm)	Depth (mm)	Cut out (mm)
V106	100	72	89



# VISION 200

## INTEGRATED (PIR - FIXED OUTPUT)

### VISION 202

Integral PIR device

#### Features

- > High sensitivity occupancy detection
- > Integrated photocell control
- > Absence and presence mode
- > Fitted to TamLite range of recessed/surface modules  
see compatibility chart: page 31 and 32

#### Compatible with:



V10P



V20P



V30P

See page 28 and 29 for further details



#### Order code suffix

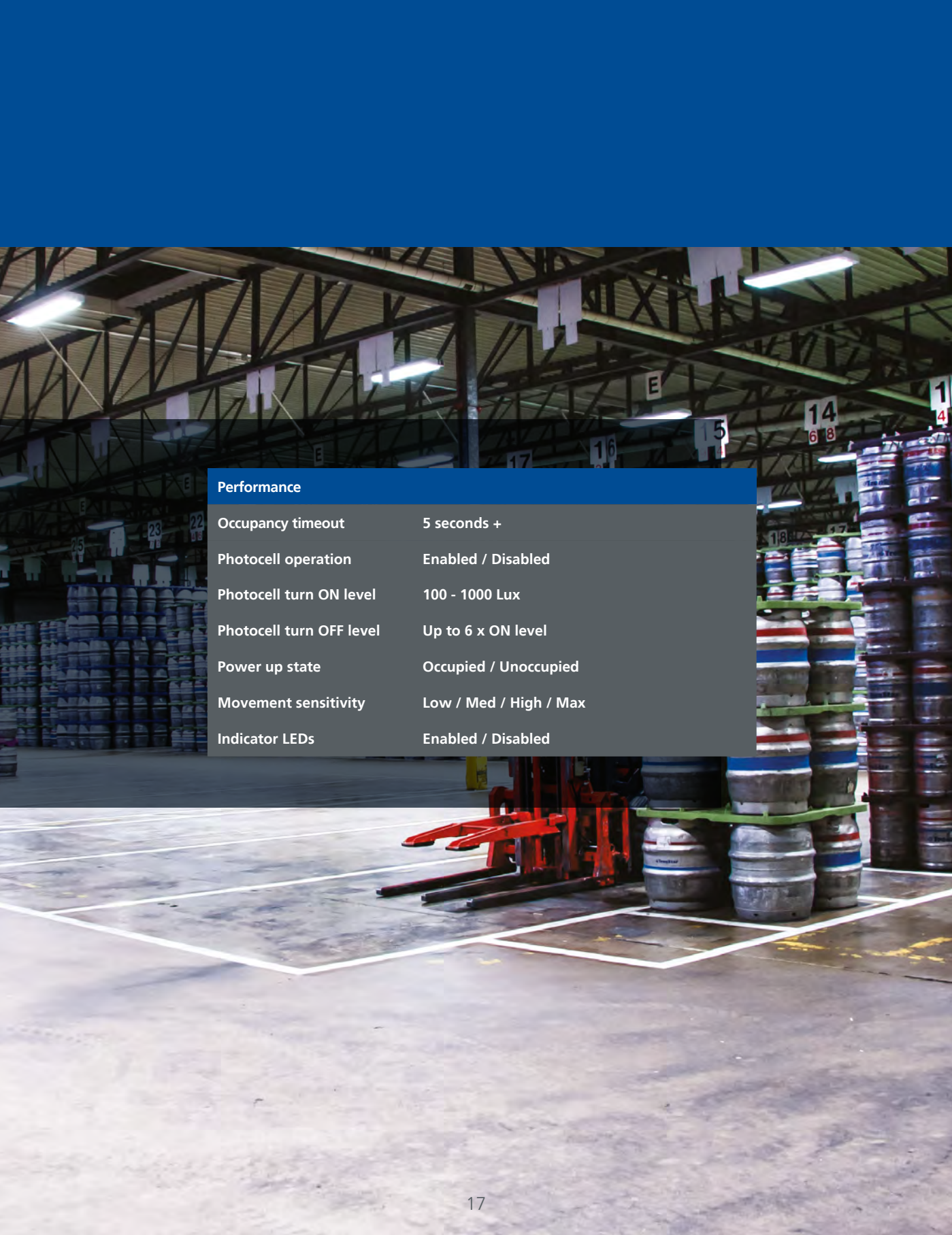
**/V202** Fixed output sensor  
For example: TMP52R540**/V202**  
(Prima module with fixed output detector)



SENSOR



**V100** Sensor in TamLite Expo see page 8 - 11 for specification. Use **/V102** as suffix for order codes



#### Performance

Occupancy timeout	5 seconds +
Photocell operation	Enabled / Disabled
Photocell turn ON level	100 - 1000 Lux
Photocell turn OFF level	Up to 6 x ON level
Power up state	Occupied / Unoccupied
Movement sensitivity	Low / Med / High / Max
Indicator LEDs	Enabled / Disabled

# VISION 200

INTEGRATED (PIR - DAYLIGHT DIMMABLE)

## VISION 203

Integral PIR dimming device

### Features

- > High sensitivity occupancy detection
- > Integrated daylight dimming
- > Quick and easy commissioning with wireless programming devices
- > Suitable for up to 2.5m mounting height with up to 6m diameter coverage
- > Pre-wired into a wide range of TamLite luminaire products

### Compatible with:



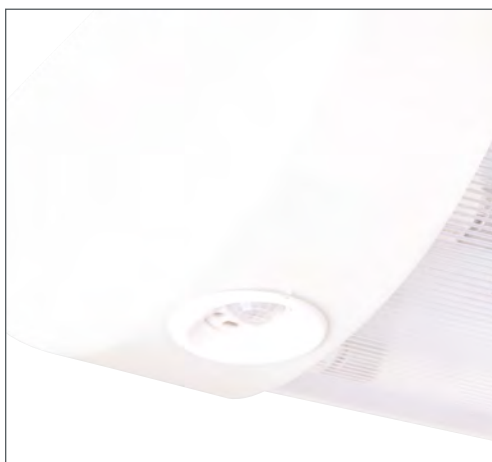
V10P



V20P



V30P



SENSOR



See page 28 and 29 for further details



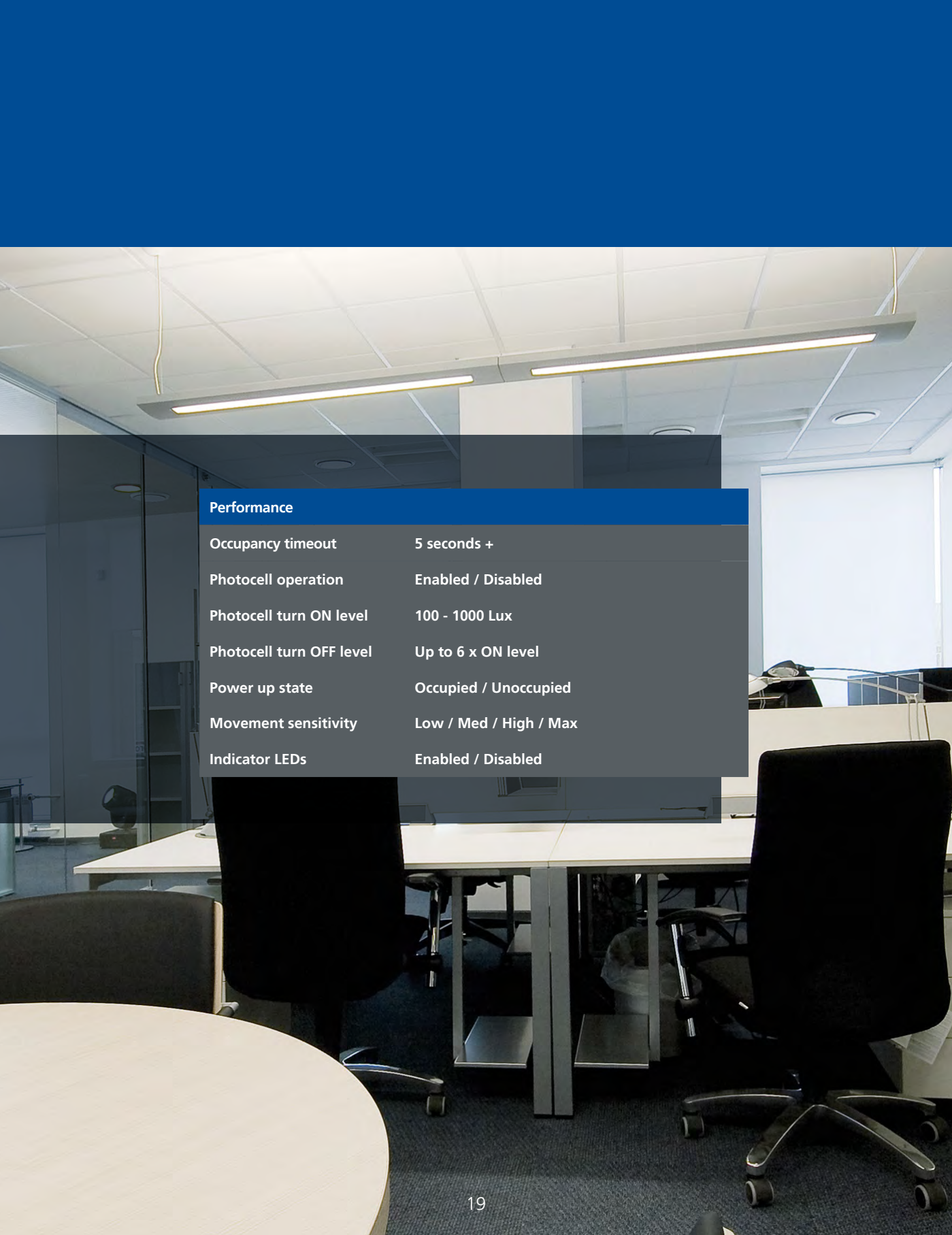
### Order code suffix

**/V203** Daylight dimmable sensor

For example: TMP52R540/HFD/**V203**

(Prima module with daylight dimmable sensor)

**V100** Sensor in TamLite Expo see page 8 - 11 for specification. Use **/V103** as suffix for order codes



#### Performance

Occupancy timeout	5 seconds +
Photocell operation	Enabled / Disabled
Photocell turn ON level	100 - 1000 Lux
Photocell turn OFF level	Up to 6 x ON level
Power up state	Occupied / Unoccupied
Movement sensitivity	Low / Med / High / Max
Indicator LEDs	Enabled / Disabled

# VISION 200

## INTEGRATED (MICROWAVE)

### VISION HFS

Integral microwave detector

#### Features

- > Fixed output device provides presence detection only
- > Simple one piece unit is factory fitted into a wide range of luminaires
- > Switches on automatically when movement detected
- > Adjustable time delay
- > Adjustable detection range up to 6m
- > Integral daylight sensor prevents switch on if sufficient daylight is available (can be disabled)
- > Ideal for corridor and public access areas
- > Can be used for wall or ceiling mounted luminaires



LUNAR WITH SENSOR

### VISION HFSD

- > Integral microwave detector
- > All the features of HFS but dims to 10% instead of switching off
- > Allows for safety/security level in key movement areas

### VISION HFSDP

- > Integral microwave detector
- > Tri-level dimming control
- > Allows for safety/security light level to be maintained for up to 1 hour then switches to off

#### Order code suffix

/HFS

/HFSD

/HFSDP

For example: LUN220NW/HFS

(Lunar complete with presence detector)



#### Technical

Operating voltage	230V +/- 15%
Power consumption	< 0.5 W
Operating temperature	-35°C - +70°C
Material	Flame retardant PC/ABS

#### Performance

Detection area	10% - 100%
Hold time	5 seconds - 30 minutes (adjustable via switch)
Daylight sense range	2 - 50 Lux
	5 Settings

# VISION 200

## INTEGRATED

(MICROWAVE RF - DIMMABLE)

### VISION RF

Wireless connected presence control via RF connectivity

#### Features

- > Ultimate in wire-free connectivity of sensors to enable grouping and total building control
- > Ideal for multi-storey spaces including car parks, housing and offices
- > Common walkway areas can be triggered by connected devices via RF
- > Operation up to 30m in enclosed areas or 50m in open space
- > Built-in daylight sensor to keep lights off if sufficient daylight is present
- > Pre-wired into a range of TamLite luminaire products
- > Stand-by lighting level and time, can be programmed
- > Functions can be overridden with push-to-make switch control
- > Adjustable detection zone (10%, 50% or max 6m)
- > 4 pre-set scenes

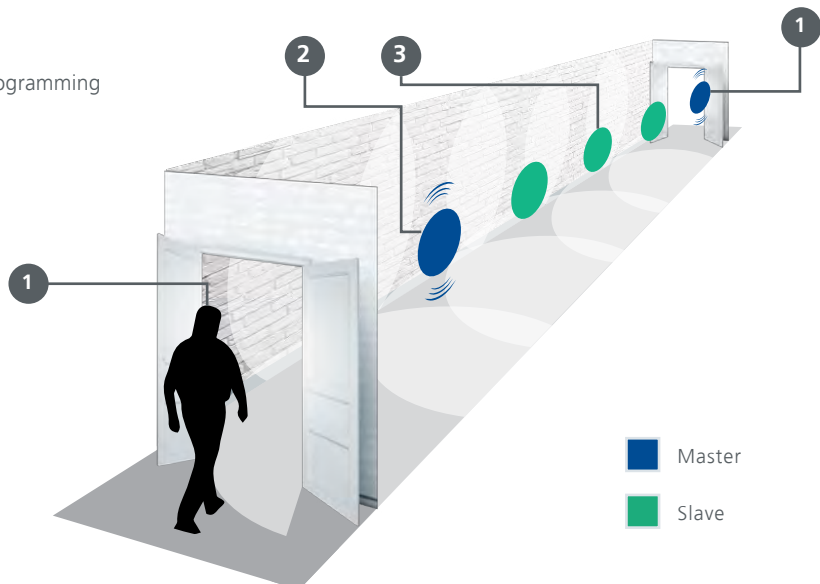


ELEGANCE WITH SENSOR

#### Order code suffix

/WSRC

TRC4 Remote control required for programming



#### Technical

Operating voltage	230V +/- 15%
Microwave frequency	5.8GHz +/- 7.5MHz
RF frequency	868MHz

#### Performance

Occupancy timeout	0.5 / 1 / 5 / 10 or 30 minutes
Stand by time options	0 / 10s / 1 / 10 / 30 minutes / 1 hour or permanent on
Stand by level options	10% / 30% / 50%
Master / Slave	One master can control unlimited slaves within 30m zone  One slave can be controlled by max. 15 masters within 30m zone
Power up state	Slave can be set to come on at 100% or any stand by level when triggered by master
Photocell control	On / Off mode

## Sensors

- 1 Movement detected by master luminaire on entry
- 2 RF signal sent from master to slave luminaire which switch on to dimmed output
- 3 Movement detected by slave luminaire which dim up to 100% output and send RF signal to next slave units

Slaves and masters can be grouped in up to 16 channels, ideal for corridor or multi-level staircase applications

# VISION 200

## BATTEN FIT (PIR - FIXED OUTPUT)

### VISION 205/215

Batten-fit PIR

#### Features

- > Simple PIR fits into 20mm cable knock out of existing or new fixture
- > A range of easy to fit sensors for LED and fluorescent batten fixtures
- > Can be factory fitted to Micro T5, MICRO LED and non corrosive fixtures
- > 6m detection pattern at 2.8m mounting height
- > Compatible with electronic fixed output
- > Ideal for general and public access areas
- > 20 minutes fixed time to off delay
- > 1 piece, factory fitted unit can be supplied as a retro-fit unit
- > IP65 version available

### VISION 206/216

Batten-fit PIR and photocell

#### Features

- > Simple PIR fits into 20mm cable knock out of existing or new fixture
- > A range of easy to fit sensors for LED and fluorescent batten fixtures
- > Can be factory fitted to Micro T5, MICRO LED and non corrosive fixtures
- > 6m detection pattern at 2.8m mounting height
- > Compatible with electronic fixed output
- > Ideal for corridor and public access areas
- > Adjustable time to off delay
- > Active photocell to allow switch-off in daylight conditions
- > 1 piece, factory fitted unit
- > IP65 version available

Suffix	Description	Suitable for
/V205	Presence detection	MICRO T5 batten/MICRO LED/I-BEAM - fixed output
/V215	IP65 Presence detection	NCF CYCLONE - fixed output
/V206	Presence detection with active photocell	MICRO T5 Batten/MICRO LED/I-BEAM - fixed output
/V216	IP65 Presence detection with active photocell	NCF CYCLONE - fixed output



MICRO LED WITH SENSOR



**VISP/SC** 10 button controller for simple control (on/off)



**V30P** Hand-held device for daylight dimming control systems

# VISION 200

BATTEN FIT (PIR - DIMMABLE)

## VISION 207/217

Batten-fit with daylight dimming

### Features

- > DALI-Dimmable detector provides ultimate control
- > Daylight sensor regulates output of dimmable ballasts to maintain lighting levels
- > Adjustable time delay
- > Works on HFD digital dimmable control gear
- > Levels can be manually adjusted with hand-held controller (optional)
- > Preset scene control also available via hand-held controller
- > IP65 version available

## VISION 208/218

### Features

- > Dimmable detector provides ultimate control
- > Daylight sensor regulates output of dimmable ballasts to maintain lighting levels
- > Adjustable time delay
- > Works on HFD digital dimmable control gear
- > Levels can be manually adjusted with hand-held controller (optional)
- > Preset scene control also available via hand-held controller
- > IP65 version available



CYCLONE WITH SENSOR

Suffix	Description	Suitable for
/V207	Presence detection with daylight dimming	MICRO T5 batten/MICRO LED/I-BEAM dimmable
/V217	IP65 Presence detection with daylight dimming	NCF CYCLONE - dimmable
/V208	Presence detection with daylight dimming (DALI)	MICRO T5 batten/MICRO LED/I-BEAM dimmable
/V218	IP65 Presence detection with daylight dimming (DALI)	NCF CYCLONE - dimmable



**VISP/SC** 10 button controller for scene recall and dimming control



**V30P** Hand-held device for daylight dimming control systems

# VISION 200

## H A N D - H E L D   C O N T R O L   S Y S T E M S

### V10P

Hand-held scene controller

#### Features

- > Designed for everyday, simple adjustments
- > On / off override
- > Recall 6 local scenes
- > Supplied with wall bracket



V10P

### V20P

Hand-held programmer

#### Features

- > On / off override
- > Light level adjustment
- > Set photocell threshold
- > Choose from 4 preset delay times
- > Select absence or presence mode
- > Set photocell On / Off



V20P

## V30P

### Hand-held programmer

#### Features

- > Hand-held commissioning device for daylight dimming control systems
- > Hold, transfer and store project data (via USB) so permanent records of project settings can be kept
- > Pre-commission via desktop application
- > Can be used to verify energy savings
- > Simple setting of light level



V30P

## VISP/SC

### Hand-held controller

#### Features

- > Hand-held controller for batten-fit sensors
- > On / Off override
- > Light level adjustment
- > Set and recall 6 local scenes with V207/V208 sensors
- > Supplied with wall bracket



VISP/SC

## TRC4

### Multi-controller

#### Features

- > For use with VISION 200 RF options



TRC4

# VISION 300

## PROFESSIONAL CONTROL SYSTEMS

The introduction of a simple BUS-wiring circuit into a luminaire layout that includes the TamLite VISION 300 option, opens up endless opportunities to control and manage the lighting environment like never before. With the introduction of a scene controller, the options can be controlled in a modern and easy to install wall panel.

### VISION 300/SC3

#### Wall mounted scene controller

##### Features

- > For use with BUS-wired systems
- > Provides local control over 3 preset scenes
- > Powered via V300/BS power supply
- > Dark grey panel with light grey buttons and stainless steel bezel
- > Controls only 1 zone

##### Order Code

V300/SC3



## VISION 300/SC6

### Wall mounted 6 scene controller

#### Features

- > For use with BUS-wired systems
- > Provides local control over 6 preset scenes
- > Individual control over each scene or group
- > Can be used stand alone with up to 25 DALI/DSI ballasts
- > Powered by mains voltage
- > Uses a standard 2-gang sinking box to fix
- > Dark grey panel with black switches and stainless steel trim

#### Order Code

V300/SC6

## VISION 300/MSC

### Wall mounted touch screen controller

#### Features

- > Advanced touch screen design
- > Only for use with DALI ballasts (max 64)
- > Decorative back lit effect
- > 16 scenes or groups for recall
- > 5.7" screen display allows scene selection or individual scene dimming
- > Supplied with 24-48VDC 10 VA power supply

#### Order Code

V300/MSC



V300/SC6



V300/MSC

# VISION FEATURES MATRIX

## COMMERCIAL

Product	PIR Miniature		PIR Batten-fit								Microwave				
	V202	V203	V205	V206	V207	V215	V216	V217	V208	V218	HFS	HFSD	HFSDP	WSRC	HFSDRF
EUROSURF	•	•													
PRIMA	•	•									•	•	•		
TX											•(1)	•(1)	•(1)		
BRONX											•	•	•		
ELEGANCE											•	•	•		
LUNAR											•	•		•	
ELEGANCE PLUS											•	•	•	•	
SATURN											•	•	•	•	
ARCO	•	•													
NIMROD											•	•	•	•	
CIRCLIGHT											•	•(3)	•(3)	•	
DELTA											•	•	•	•	
ORION											•	•	•	•	
MICRO T5			•	•	•										
TLX			•	•	•										
ERX			•	•	•										
MICRO LED			•	•					•						
CYCLONE			•	•	•	•	•	•			•	•	•		
I-BEAM			•	•	•						•	•			



## WAREHOUSE AND LOGISTICS

Product	PIR		PIR Batten-fit						Microwave		
	V102	V103	V205	V206	V207	V215	V216	V217	HFS	HFSD	HFSDP
HILUX	•	•									
HILUX HX T5	•	•									
HILUX HX LED	•	•									
EXPO	•	•									
WPHILUX											

## INDUSTRIAL AND URBAN

Product	PIR Miniature		PIR Batten-fit						Microwave		
	V202	V203	V205	V206	V207	V215	V216	V217	HFS	HFSD	HFSDP
CYCLONE A						•	•	•			
CYCLONE S						•	•	•	•	•	•
TEMPEST						•	•	•			
STORM						•	•	•			
CYCLONE LED						•	•	•	•		
MARVEL 2D									•	•	•
HURRICANE									•	•	•
HURRICANE HALO									•	•	•
VANGUARD									•(2)	•(2)	•(2)
BRAVO									•(2)	•(2)	•(2)

- 1. Diffuser version only
- 2. PL lamp options only
- 3. Excluding emergency version

# VISION GLOSSARY

Term	Description	Options
Absence Detection	Upon entering the room the person switches on the light as normal, but on leaving the detector switches off the lighting automatically. Lights can also be switched off manually	
Active Photocell	Switches lights on and off according to ambient conditions	
Background Level	Used to determine what light level the detector places the luminaire into during the background final state	6 Levels
Cellular Office	A small office normally controlled with absence detection	
Corridor Function	A function available with certain ballasts and drivers. Usually used in hotel corridors, back of house areas and car parks. This allows the lighting to drop back to a 10% output rather than off. This is achieved by a switched supply and not by dimming	
Dimming Detectors (maintained illuminance)	These detectors have a wide range of functionality to enable lux (light) levels to be maintained whilst using the minimum amount of energy. They are ideally suited to applications where maximum efficiency and flexibility require natural daylight	
Fade Rate to Off	Used to determine how quickly the detector places the luminaire into its next state when presence is no longer detected and all timers have timed out	4 Speeds
Fade to Background Speed	Used to determine how quickly the detector places the luminaire into its next state when presence is no longer detected and the background timer has timed out	4 Speeds
Fade to Transition Speed	Used to determine how quickly the detector places the luminaire into its next state when presence is no longer detected and the transition timer has timed out	4 Speeds
Manual Dimming	The manual dimming of a dimmable luminaire through a local switch. This may be done as a basic control with Tridonic switch dim or a 1-10V output module. This solution is commonly used within a lighting control system using a retractive type switch	
Microwave	A long range detector looking for movement and not a heat source. When positioning the microwave detector it must be taken into account that the detector has the ability to look through glass. For example, microwave detection should not be located within rooms with a large proportion of glass rather than a solid wall as users walking past the room will be detected	
Momentary Switches	A retractive type switch to send a pulse to dim up/down and switch on/off a luminaire or group of luminaires	
Occupied Level	Used to determine what light level the detector places the luminaire into when presence is detected	5/10/20/40/80 or 100 %
Occupied Timer	Used to determine what time delay the detector places the luminaire into when presence is detected and before its next transition	25 s - 90 minutes

Term	Description	Options
Off Delay	Time in minutes from last observed movement until lights switch off	< 96 hours
Passive Photocell	Holds lights off when area becomes occupied in bright ambient conditions	
Photocell	A detector looking for lux levels through natural light. Two set points will be programmed into the photocell. An on and off level	6 Levels
PIR (Passive infra-red)	A detector with a limited range as it is looking for a heat source and movement	
Presence Detection	Detectors will switch on lighting automatically when a person enters the room, and switches off lighting automatically when no movement is detected	
Regulating Photocell	Adjusts luminaire output to maintain constant light levels	
Scene Setting	Scene setting allows the user to recall desired room lighting levels. A meeting room for example would require different levels of lighting if it was to be used for a multimedia presentation or a board meeting	
Switching Detectors with Lux (light) level sensing (Hold off)	Ideally suited to switching lighting in rooms with natural daylight	
Switching Detectors without Lux (light) level sensing	Suitable for switching lighting in rooms without natural daylight. These products can also be used to control heating and ventilation loads	
Transition Level	Used to determine what light level the detector places the luminaire into during the transition stage for dimming control	6 Levels
Transition Speed	Used to determine how quickly the detector places the luminaire into its next state when presence is no longer detected and the occupied timer has timed out	4 Speeds
Transition Timer	Used to determine what time delay the detector places the luminaire during the transition stage	25 s - 90 minutes
Washroom Mode	Controls urinal flushing extractor fan	



## TAMLITE LIGHTING

Founded in 1967, Tamlite Lighting is widely regarded as one of the most innovative and forward-thinking businesses in the lighting industry. It is amongst the largest privately-owned lighting companies in the UK, and a key example of British industry in action, with its extensive R&D and manufacturing activities managed out of ten factories in the Midlands. Last year, the company delivered over 5 million products and, as a business, it has invested more than £4 million over the last three years to undertake the development of a number of cutting-edge lighting solutions.

Tamlite's highly skilled and knowledgeable team provides solutions across a range of industries. Regardless of the application or its complexity, there is a 100 per cent commitment to meet the exacting requirements of a particular sector or type of organisation. As the 'eyes and ears' of the company across the UK, the team's everyday dialogue and interaction with clients is vital and helps to shape Tamlite's research and product development activities. This keeps the company at the forefront of new designs and the latest industry guidelines.

As well as its own in-house testing laboratory, Tamlite offers the full design service that you would expect from one of the UK's largest lighting manufacturers. Despite its large size, the company has also established itself as an expert in bespoke solutions, providing an industry-leading response time from initial concept to delivery.

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