

exterior lighting & sensors



SIMX LIGHTING & SENSORS

www.securimax.co.nz

“intelligent lighting solutions”

Exterior Lighting

The primary function of sensed exterior lighting is to provide security for your home, however design and appearance are also key factors. The steps below will help you select the best products for your lighting requirements.

Step 1: Do you require a standalone sensor; a sensor with separate lighting or a combined system?

Standalone Sensors provide the benefit of being able to connect your existing lighting to a sensor.

Standalone Lighting provides the benefit of being able to position and direct your lighting to where it is needed most.

Combined Sensor Lighting provides all your sensor lighting requirements in one easy to install system.

Step 2: Choose the features and style that will suit your home and check out the functions of the Trinity range below. Once you have tried these products you won't want anything else!



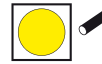
These symbols denote products which are part of the Trinity family

TRINITY Sensor Features

- **Holiday mode** - triple click and the lights will switch on for a predetermined time each evening, then revert to Auto Mode. An excellent feature when you're on holiday!
- **Manual control** - double click to latch lights on permanently. A useful override for light you when you need it.
- **Three LED indicators** scan back and forth to indicate sensor mode is active, and deter possible prowlers

IP44 Protection Ratings

Protection Against Solids
IP Test



- 4** Protected against solid objects over 1mm

Protection Against Liquids
IP Test



- 4** Protected against water sprayed from all directions

Standalone Sensors

SmartSense

2000W switching capacity & a larger more accessible wiring box. 180° forward PIR sensing.

LHT0119 - Black
LHT0120 - White



Trinity 360° Dual Sensor

200° forward and 360° downward PIR sensing, with scanning LED's for security. Wall or ceiling mount. Pull down feature for access to LED's and controls.

LHT0116 - White



SmartSense 360°

Flush mounted IP44 PIR sensor, with a small compact design for soffit or internal mounting.

2000W Switching capacity
LHT0142 - White



SmartSense 360°

Dual Mount - Surface or Recess.

Triple PIR for 22 metre detection range.

Higher sensitivity occupancy zone.

Plug & play termination.

Front access to controls

2000W Switching capacity
LHT0179 - White



Microwave 360° Sensor

Active motion detector, emitting high frequency electro-magnetic waves and receives their echo. Detection is possible through doors, panes of glass, or thin walls. Up to 20m diameter detection

LHT0182 - White



Standalone Lighting

Smartlite Single Spots

Ball joint swivel mount socket, made of high temperature rated material with superior resistance to discolouring. Market leader for over 10 years

LHT0003 - Black
LHT0005 - White



Trinity Single Spots

High quality fittings designed to be used in conjunction with the Trinity sensors or for general purpose use.

LHT0136 - Black
LHT0137 - White



Smartlite Twin Spots

Ball joint swivel mount socket, made of high temperature rated material with superior resistance to discolouring. Market leader for over 10 years

LHT0007 - Black
LHT0009 - White



Trinity Twin Spots

High quality fittings designed to be used in conjunction with the Trinity sensors or for general purpose use.

LHT0138 - Black
LHT0139 - White



Floodlights

Compact and reliable flood lights available in 150W and 500W.

Includes linear halogen lamp.

LHT0112 - 150W Black (E390)
LHT0113 - 150W White (E391)

LHT0114 - 500W Black (E392)
LHT0115 - 500W White (E393)



Trinity Floodlights

High quality flood lights with pan & tilt feature. Includes linear halogen lamp.

LHT0148 - 150W White
LHT0149 - 150W Satin Silver

LHT0145 - 500W Black
LHT0146 - 500W White

LHT0150 - 500W Satin Silver



Sensor Lighting

Eco Spots

Designed to take up to 150W PAR38 lamps.

(lamps not included)

LHT0096 - Black (E644)
LHT0097 - White (E645)
LHT0098 - Grey (E646)



Trinity Floods

Includes linear halogen lamp, scanning LED's & easy mode diagnosis. Adjustable pan & tilt.

LHT0153 - 150W Black
LHT0154 - 150W White
LHT0088 - 500W Black
LHT0089 - 500W White
LHT0151 - 500W Satin Silver



Smartlite Eco Floods

Includes 150W halogen lamp for a whiter, brighter light.

LHT0099 - Grey



Bulkhead/Sensors

1. 200° Bulkhead with PIR (lamp not included)

LHT0129 - White

2. 140° Forward & 360° downward sensing. Rotating reflector for directional lighting.

23W CFL supplied

LHT0130 - White



Trinity Twin Spots

Includes two 75W halogen G9 lamps & scanning LED's for security & easy mode diagnosis.

LHT0090 - Black
LHT0091 - White
LHT0152 - Satin Silver



Rain Drop Globe

Provides scanning LED's for security & easy mode diagnosis. Pull down feature for access to scanning LED's and controls.

LHT0131 - White



Technical Specifications

Order Code	LHT0119 LHT0120	LHT0116	LHT0182	LHT0142	LHT0179
Forward Angle	180°	200°	-	-	-
Downward Angle	-	360°	360°	360°	360°
Range (metres)	12	12	8	6	22
Pan/Tilt	Tilt	Pan	-	-	-
Holiday Mode	No	Yes	No	No	No
Manual Control	Double pulse	Double pulse	Double pulse	Double pulse	Double pulse
Time On Adjustment	Yes	Yes	Yes	Yes	Yes
Scanning LED's	-	Yes	-	-	-
Total Switching	2000W	2000W	1200W	2000W	2000W
Mounting	Wall/Ceiling	Wall/Ceiling	Surface	Recess	Recess/Surface
IP Rating	IP44	IP44	IP20	IP44	IP44
Warranty	3 years	3 years	3 years	3 years	3 years

Order Code	LHT0003 LHT0005	LHT0007 LHT0009	LHT0112 LHT0113	LHT0114 LHT0115	LHT0136 LHT0137	LHT0138 LHT0139	LHT0148 LHT0149	LHT0145 LHT0146 LHT0150
Lamps included	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Lamp Type	PAR38	PAR38	Halogen tube	Halogen tube	G9 Halogen	G9 Halogen	Halogen tube	Halogen tube
Wattage	150W	300W	150W	500W	75W	2x 75W	150W	500W
Mounting	Wall/Ceiling	Wall/Ceiling	Wall	Wall	Wall/Ceiling	Wall/Ceiling	Wall	Wall
IP Rating	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Pan/Tilt	Pan/Tilt	Pan/Tilt	Tilt	Tilt	Pan/Tilt	Pan/Tilt	Pan/Tilt	Pan/Tilt
Warranty	1 year	1 year	1 year	1 year	3 years	3 years	3 years	3 years

Order Code	LHT0096 LHT0097 LHT0098	LHT0099	LHT0090 LHT0091 LHT0152	LHT0153 LHT0154	LHT0088 LHT0089 LHT0151	LHT0129	LHT0130	LHT0131
Forward Angle	120°	140°	200°	200°	200°	200°	140°	200°
Downward Angel	-	-	-	-	-	-	360°	360°
Range (metres)	12	12	12	12	12	12	10	10
Pan/Tilt	Pan/Tilt	Pan/Tilt	Pan/Tilt	Pan/Tilt	Pan/Tilt	Pan/Tilt	Pan	Pan
Timer Control	No	No	Yes	Yes	Yes	Yes	No	Yes
Manual Control	Double pulse	Double pulse	Double pulse	Double pulse	Double pulse	Double pulse	No	Double pulse
Time on Adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Scanning LED's	-	-	Yes	Yes	Yes	-	-	Yes
Lamp Type	PAR38	Halogen tube	G9 Halogen	Halogen tube	Halogen tube	CFL or GLS	CFL or GLS	CFL or GLS
Total Wattage	300W	150W	2x 75W	150W	500W	23W CFL or 60W ES	23W CFL or 60W ES	23W CFL or 100W ES
Total Switching	300W	2000W	2000W	2000W	2000W	2000W	500W	500W
Lamps included	No	Yes	Yes	Yes	Yes	No	Yes	No
Mounting	Wall/Ceiling	Wall/Ceiling	Wall	Wall	Wall	Wall	Wall	Wall
IP Rating	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years



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