



# LIGHTING & SENSOR CATALOGUE

Innovative, Reliable  
Lighting Solutions

Lighting & Sensor





**Simx have a comprehensive, innovative range of standalone sensors, lights and security lighting with energy efficiency, performance and reliability as key drivers.**

Simx is committed to growing and developing the sensor and lighting category focusing on utilising LED technology to provide convenience, simplicity, and style. Optimum design and unique features provide the user with confidence in Simx lighting solutions.



# LIGHTING

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All products in this catalogue are rated for 220-240V AC supply unless otherwise stated.

Simx reserves the right to alter technical specifications without prior notice.

**For Product Compliance Documents please visit:**

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## SMART-SENSE 180° SENSOR

### PIR SENSOR

Description	Colour	Order Code
Smart-Sense 180°	Black	LHT0119
Smart-Sense 180°	White	LHT0120



Smart-Sense 180°

- Proven, reliable sensor with a large accessible wiring box.
- High 2kW switching capacity.
- Manual override.

### TECHNICAL DATA

Detection	Range	Time On Adjustable	Dusk Control	Manual Control	Switching	Mounting	IP	Warranty
180° Forward	12 metres	5 secs - 5 mins	Yes	Yes	2000W	Wall/Ceiling	IP44	3 years

## SMART-SENSE 360° SENSOR

### 360° DUAL MOUNT PIR SENSOR

Description	Colour	Order Code
Dual Mount PIR 360° Sensor	White	LHT0179



Dual Mount PIR 360°

- Triple PIR for extra wide 22 metre detection.
- All in one surface or recess mount.
- Occupancy detection High/Low sensing zones.
- Manual override.

### TECHNICAL DATA

#### PIR AND ELECTRICAL

Detection	Range (Diameter)	High Occupancy Zone	Range Adjustable	Time On Adjustable	Dusk Control	Manual Control	Switching
360° Downward	22 metres	6 metres	Yes	10 secs - 40 mins	Yes	Yes	2000W

#### MECHANICAL

Cutout for Recessing	Mounting	IP Rating	Warranty
82 - 88mm Ø	Surface/Recess	IP44	3 Years

## SMART-SENSE 360° SENSOR

### 360° FLUSH MOUNT PIR SENSOR

Description	Colour	Order Code
Flush Mounted 360° Sensor	White	LHT0142

- Low profile, flush mounted sensor for soffit or internal mounting.
- Capable of switching loads on different phase or voltage supply.
- Manual override.

## TECHNICAL DATA

### PIR AND ELECTRICAL

Detection	Range (Diameter)	Time On Adjustable	Dusk Control	Manual Control	Switching
360° Downward	6 metres	5 secs - 15 mins	Yes	Yes	2000W

### MECHANICAL

Cutout for Recessing	Mounting	IP Rating	Warranty
75mm Ø	Surface/Recess	IP44	3 Years



▶ Flush Mounted 360° Sensor

## MICRO-SENSE 360° SENSOR

### 360° MICROWAVE SENSOR

Description	Colour	Order Code
Microwave Sensor	White	LHT0182

- Optimised presence detection, perfect for open plan offices.
- High sensitivity to movement.
- Uninterrupted coverage up to 314m<sup>2</sup>.
- Detection possible through doors, glass or thin walls.

## TECHNICAL DATA

### PIR AND ELECTRICAL

Detection	Range (Diameter)	Range Adjustable	Time On Adjustable	Dusk Control	Manual Control	Switching	Detection Frequency	Transmission Power
160° Forward 360° Downward	20 metres	Yes	5 secs - 15 mins	Yes	No	1200W	5.8GHz CW Radar ISM band	<10mw

### MECHANICAL

Mounting	IP Rating	Warranty
Ceiling	IP20	3 Years



▶ Microwave Sensor

# SENSOR LED SPOTS

NEW

LED Lighting

Description	Wattage	Colour	Order Code
Simx SensorLED Single	4W	Black	LHT0203
Simx SensorLED Single	4W	White	LHT0204
Simx SensorLED Twin	2 x 4W	Black	LHT0205
Simx SensorLED Twin	2 x 4W	White	LHT0206

- Longer life LED Eco-efficient lamps.
- Weatherproof & impact resistant.
- Security illumination for domestic exterior locations, including patios and decks, path and driveways, garages, entrances, storage units and many others.
- Each powerful 4 watt LED lamp will provide domestic security lighting with approximately 4 x 6 metre deep coverage.

## TECHNICAL DATA

### PIR

Detection	Range	PIR Pan	Time On Adjustable	Dusk Control	Manual Control
140°	8 metres	± 90°	30 secs - 6 mins	Yes	No

### LAMP/S

Wattage	Luminous Flux	Peak Intensity	LED Colour	Beam Spread
4W	220 lm	540 cd (each spot)	Daylight 5700k	32°
2 x 4W	440 lm			

### MECHANICAL

Dimension	Single	Twin	Pan/Tilt	Mounting	IP Rating	Warranty
Height	135mm	135mm	Pan/Tilt (Spotlight)	Wall	IP44	3 Years
Width	76mm	124mm				
Depth	105mm	88mm				



▶ SensorLED Single



▶ SensorLED Twin

# FLOOD LED

**NEW**


 Flood LED 55W Black

Description	Wattage	Colour	Order Code
Flood LED	20W	Black	LHT0218
Flood LED	30W	Black	LHT0214
Flood LED	55W	Black	LHT0215

- Suitable for most commercial and industrial floodlighting applications, the 110° beam precision optics offer wide spacing.
- CREE XM-L series lamp.
- Optimised thermal fins provide a customised heat dissipation solution to maximise LED lamp life, saving on running costs and maintenance.

## TECHNICAL DATA

### LAMP

Wattage	Luminous Flux	Peak Intensity	LED Colour	Beam Spread	TM21 L70
<b>20W</b>	1246 lm	500 cd	Daylight 5700k	110°	L70 (6k) > 36300 hrs
<b>30W</b>	2396 lm	953 cd			
<b>55W</b>	4292 lm	1785 cd			

### MECHANICAL AND ELECTRICAL

Dimensions	20W	30/50W	Cable Length	Housing	IP Rating	Warranty
<b>Height</b>	165mm	276mm	1 metre fitted	Alloy, Safety Glass, Stainless Steel Bolts	IP65	3 Years
<b>Width</b>	140mm	220mm				
<b>Depth</b>	40mm	64mm				
<b>Weight</b>	1.12 kg	2.05 kg				



## PIR BULK LED

LED BULKHEAD WITH PIR

Description	Wattage	Colour	Order Code
Bulkhead Led PIR with Eyelid	6W	Black	LHT0199
Bulkhead Led PIR with Eyelid	6W	White	LHT0200
Bulkhead Led PIR Slim Trim	6W	Black	LHT0201
Bulkhead Led PIR Slim Trim	6W	White	LHT0202

- Longer life eco-efficient LED lamps.
- Effectively replaces most incandescent options up to 75 watts.
- Weatherproof & impact resistant polycarbonate.
- Perfect locations include patios, decks & pathways, garages, entrances, storage units, shop fronts and public amenities to -10°C.

## TECHNICAL DATA

### PIR AND ELECTRICAL

Detection	Range	Time On Adjustable	Dusk Control	Manual Control	Switching
120°	8 ± 2 metres	7 secs - 6 mins	Yes	No	1200W

### LAMP AND MECHANICAL

LED Colour	Mounting	IP Rating	Warranty
Warm White 3000k	Wall	IP44	3 Years

## DECOR LED

Description	Wattage	Colour	Lamps included	Order Code
Decor LED 250mm	2.7W	White	Yes	LHT0196
Decor LED 330mm	3.6W	White	Yes	LHT0197
Decor LED 550mm	6.8W	White	Yes	LHT0198

- Easy to install, functional LED strip lights for the home.
- The quality performance is complimented by a slender, compact design to light up cabinets, benches, recesses or wardrobes.
- Supplied with power lead, joiners and mounting brackets.
- End to end connectable to custom fit application.

## TECHNICAL DATA

### LAMP AND MECHANICAL

Wattage	Lumens	LED Colour	End to end connections	IP Rating	Warranty
2.7W	190	Warm White 3000k	Up to 30 lengths	IP20	3 Years
3.6W	330				
6.8W	435				

Description	Order Code
Replacement 230V Power Cord	LHT0216
Replacement Mounting Bracket Kit	LHT0217

NEW



▶ BulkLED with eyelid



▶ BulkLED Slim



▶ Decor LED 6.8W

# EXTERIOR LED BUTTON

**NEW**

Description	Diameter	Wattage	Colour	Order Code
Round Button	300mm	14W	Black	LHT0222
Round Button	300mm	14W	Cream	LHT0223
Round Button	350mm	20W	Black	LHT0224
Round Button	350mm	20W	Cream	LHT0225
Round Button	400mm	24W	Black	LHT0226
Round Button	400mm	24W	Cream	LHT0227
Square Button	290mm	12W	Black	LHT0228
Square Button	290mm	12W	Cream	LHT0229

- Robust polycarbonate housing suits most harsh environments.
- True IP66 rated construction.
- Eco-Efficient LED dedicated solution.

## TECHNICAL DATA

### LAMP

Wattage	Luminous Flux	LED Colour	Beam Spread
14W	700 lm	Cool White 4200k	180°
20W	1100 lm		
24W	1500 lm		

### MECHANICAL

Housing	Mounting	IP Rating	Warranty
Polycarbonate UV Stainless Steel Brackets	Wall/Ceiling	IP66	3 Years



Roof Mounted - Round Button 20W Black  
Wall Mounted - Round Button 20W Cream





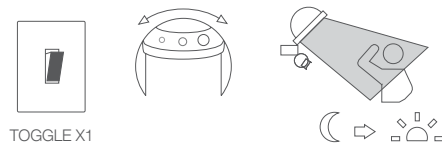
The TRINITY lighting range are premium products designed for ease of installation and visual diagnostics for the contractor. In sensor control mode the LED's scroll back and forward awaiting movement to activate the lighting. Providing reliable security lighting solutions, with the added benefit of an active and visual deterrent to potential prowlers.

With unique features for peace of mind, safety and security, the TRINITY range is simple to setup and has the flexibility to adjust to your needs as they change. The technical functions of this range include:

## TRINITY OPERATION

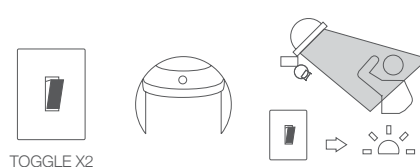
### AUTO SENSOR MODE

Toggle wall switch once for **Auto Sensor mode**; unit will illuminate each time it detects movement between dusk and dawn. LED scrolls continuously.



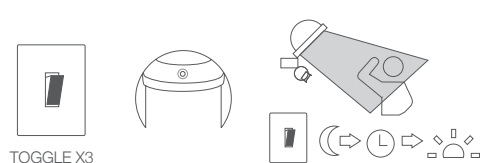
### MANUAL CONTROL MODE

Toggle wall switch twice for **Manual Control mode**; unit will illuminate from that time until dawn (Manual Control is prohibited during daylight hours). Centre LED is always on.



### HOLIDAY MODE

Toggle wall switch three times for **Timer Control mode** where it will remain illuminated from dusk for the time period set (1-8 hours) and then illuminate until dawn, only when it detects motion. Centre LED flashes.



# TRINITY SPOTS

## SINGLE + TWIN SPOTS

Description	Wattage	Colour	Lamp Included	Order Code
Trinity Single Slave Spot	75W	Black	Yes	LHT0136
Trinity Single Slave Spot	75W	White	Yes	LHT0137
Trinity Twin Slave Spot	2 x 75W	Black	Yes	LHT0138
Trinity Twin Slave Spot	2 x 75W	White	Yes	LHT0139

- High quality, designed to be used in conjunction with a Trinity Sensor or for general purpose use.
- All stainless steel screws - no rusting.
- Alloy lamp housing.

## TECHNICAL DATA

Lamp Type	Pan/Tilt	Mounting	IP Rating	Warranty
G9 Halogen	Pan/Tilt	Wall/Ceiling	IP44	3 Years



▶ Trinity Single Slave Spot



▶ Trinity Twin Slave Spot

# TRINITY TWIN SPOT SENSORLIGHTS

Description	Wattage	Colour	Lamps included	Order Code
Trinity Twin Spot	2 x 75W	Black	Yes	LHT0090
Trinity Twin Spot	2 x 75W	White	Yes	LHT0091

- High quality, robust housing.
- Scanning LED's with PIR motion sensor.
- Auto sensor, manual and holiday modes.
- Master/Slave capable to 2kW.

## TECHNICAL DATA

PIR

Detection	Range	Range Adjustable	Time On Adjustable	Dusk Control	Manual Control	Holiday Mode
200° Forward	12 metres	Yes	5 secs - 5 mins	Yes	Yes	1 - 8 Hours



▶ Trinity Twin Spot Range

## ELECTRICAL AND MECHANICAL

Switching	Scanning LED's	Mounting	IP Rating	Warranty
2000W	Yes	Wall	IP44	3 Years



# TRINITY FLOODLIGHTS

Description	Wattage	Colour	Lamp Included	Order Code
Trinity Floodlight	500W	White	Yes	LHT0146
Trinity Floodlight	500W	Silver	Yes	LHT0150

- High quality housing with excellent construction.
- High quality VDE approved lamp holder sockets.
- All stainless steel screws - no rusting.
- Use in conjunction with Trinity Sensorlight or Standalone.

## TECHNICAL DATA

Lamp Type	Luminous Flux	Pan/Tilt	Mounting	IP Rating	Warranty
Linear Halogen	9500 lm	Pan/Tilt	Wall	IP44	3 years

# TRINITY SENSOR FLOODLIGHTS

Description	Wattage	Colour	Lamp included	Order Code
Trinity Sensor Flood	500W	Black	Yes	LHT0088
Trinity Sensor Flood	500W	White	Yes	LHT0089
Trinity Sensor Flood	500W	Silver	Yes	LHT0151

- High quality robust housing.
- Scanning LED's with PIR sensor.
- Auto sensor, manual and holiday modes.
- Stainless steel screws.

## TECHNICAL DATA

PIR

Detection	Range	Range Adjustable	Time On Adjustable	Dusk Control	Manual Control	Holiday Mode
200° Forward	12 metres	Yes	5 secs - 5 mins	Yes	Yes	1 - 8 Hours

## ELECTRICAL AND MECHANICAL

Switching	Scanning LED's	Mounting	IP Rating	Warranty
2000W	Yes	Wall	IP44	3 Years



Trinity Floodlight White



Trinity Floodlight Silver



Trinity Sensor Flood Black



Trinity Sensor Flood Silver

## TRINITY RAIN DROP SENSORLIGHT

Description	Wattage	Colour	Lamp Included	Order Code
Rain Drop Globe	100W ES or 23W CFL	White	No	LHT0131

- Pull down feature for access to scrolling LED's and control settings.
- Decorative rain drop effect on sphere.
- All polycarbonate construction.
- Separate sensor for forward downward detection.

### TECHNICAL DATA

PIR

Detection	Range	Range Adjustable	Time On Adjustable	Dusk Control	Manual Control
200° Forward 360° Downward	10 metres	Yes	5 secs - 12 mins	Yes	Yes

ELECTRICAL AND MECHANICAL

Switching	Scanning LED's	Lamp Type	Pan/Tilt	Mounting	IP Rating	Warranty
500W	Yes	CFL or GLS	Pan	Wall	IP44	3 Years



▶ Rain Drop Globe

## BULKHEAD 360° DUAL SENSORLIGHT

Description	Wattage	Colour	Lamp Included	Order Code
Bulkhead 360° Sensor	23W CFL	White	Yes	LHT0130

- Forwarding aiming PIR and separate downward PIR.
- Rotating reflector for directional lighting contrast.
- Downward sensor eliminates creep zones.

### TECHNICAL DATA

PIR

Detection	Range	Range Adjustable	Time On Adjustable	Dusk Control	Manual Control
140° Forward 360° Downward	10 metres	Yes	Yes	Yes	No

ELECTRICAL AND MECHANICAL

Switching	Pan/Tilt	Mounting	IP Rating	Warranty
500W	Pan	Wall	IP44	3 Year



▶ Bulkhead 360° Dual Sensorlight

## ECO FLOOD

Description	Wattage	Colour	Lamp Included	Order Code
Eco Flood	400W	Black	Yes	LHT0192
Eco Flood	400W	White	Yes	LHT0193
Eco Flood	120W	White	Yes	LHT0195

- Providing the same light output of a typical 500W halogen, the eco-efficient 400W C Class lamps offer a power reduction of 20%.
- Suitable for around the perimeter of your home and for general light purposes.
- Eco Efficient C Class halogen lamp included.
- Durable alloy housing plus all stainless steel screws - no rusting.
- Smaller 120W housing also available.

### TECHNICAL DATA

Wattage	Luminous Flux	Lamp Type	Pan/Tilt	Mounting	IP Rating	Warranty
400W	9500 lm	Halogen Linear	Tilt	Wall	IP44	1 Year
120W	2350 lm					



ECO Flood 400W Black



ECO Flood 400W White

## ECO FLOOD SENSORLIGHT

Description	Wattage	Colour	Lamp Included	Order Code
ECO Flood PIR	120W	Grey	Yes	LHT0190

- High quality reliable PIR sensor.
- All stainless steel screws - no rusting.
- Eco efficient C Class Halogen Lamp (2350 lumens).

### TECHNICAL DATA

PIR

Detection	Range	Range Adjustable	Time On Adjustable	Dusk Control	Manual Control
180° Forward	12 metres	Yes	10 secs - 4 mins	Yes	No

### ELECTRICAL AND MECHANICAL

Switching	Pan/Tilt	Mounting	IP Rating	Warranty
500W	Pan/Tilt	Wall	IP44	1 Year



ECO Flood

## SMARTLITE SPOTS

### SINGLE + TWIN SPOTS

Description	Wattage	Colour	Lamp Included	Order Code
Smartlite Single Spot	150W	Black	No	LHT0003
Smartlite Single Spot	150W	White	No	LHT0005
Smartlite Twin Spot	300W	Black	No	LHT0007
Smartlite Twin Spot	300W	White	No	LHT0009

- Ball-Joint swivel mount socket - no tools necessary to adjust direction.
- Single base fits standard conduit box.
- Lamp Holder socket is an integral part of the moulding.
- High temperature rating, glass-filled nylon material means no breakdown of the lamp holder due to high temperatures.
- Lamp Holder pre-wired.

### TECHNICAL DATA

Lamp Type	Pan/Tilt	Mounting	IP Rating	Warranty
PAR38	Pan/Tilt	Wall/Ceiling	IP44	1 Year

## ECO SPOT SENSORLIGHTS

Description	Wattage	Colour	Lamps Included	Order Code
ECO Twin Spot	300W	Black	No	LHT0096
ECO Twin Spot	300W	White	No	LHT0097
ECO Twin Spot	300W	Grey	No	LHT0098
Replacement Ecospot PAR38 Lamp Gaskets (pair)				LHT0220

- High quality reliable PIR sensor.
- All stainless steel screws - no rusting.
- Ceramic lamp holders.

### TECHNICAL DATA

PIR

Detection	Range	Range Adjustable	Time On Adjustable	Manual Control
120° Forward	12 metres	Yes	5 secs - 5 min	Yes

### ELECTRICAL AND MECHANICAL

Switching	Pan/Tilt	Mounting	IP Rating	Warranty
300W	Pan/Tilt	Wall/Ceiling	IP44	3 Years



SmartLite Single Spot



SmartLite Twin Spot



ECO Twinspots



# STROBE LIGHTS

## ZENON FLASHING STROBES

Description	Voltage	Order Code
Strobe light (supplied with red lens)	240V AC	LHT0062
Strobe light (supplied with red lens)	24V DC	LHT0063
Strobe light (supplied with red lens)	12V DC	LHT0064

- 150 mA current.
- 75 flashes/min.
- ABS resin base - White.
- Polycarbonate lens - Red.
- Optional colour lens available as accessories.
- 100mm diameter x 92mm height.
- Flying lead connections.
- IP44 rated.

## STROBE LENSES

Description	Colour	Order Code
Strobe lens	Amber	LHT0065
Strobe lens	Blue	LHT0066
Strobe lens	Clear	LHT0067
Strobe lens	Red	LHT0068

All Strobe Lens fit all models of Strobe lights (LHT0062, LHT0063 & LHT0064).



▶ Zenon Flashing Strobe



▶ Strobe Lens Variations



# EZYLED SPOT ONE + SPOT TWO

Description	Wattage	Colour	Lamps Included	Batteries Included	Order Code
EzyLED Spot One	1W	Black	Yes	No	LHT0177
EzyLED Spot Two	1W x 2	Black	Yes	No	LHT0178

Perfect for exterior areas where security spot lighting is required.

## Spot One

- PIR Motion sensor.
- Ultra bright white LED.
- 10m x 4m Light beam range.
- 12+ Month battery life\*.

## Spot Two

- PIR Motion sensor.
- Ultra bright white LED.
- 2 x 10m x 4m Light beam range.
- 9 + Month battery life\*.

\*Based on average 3 activations per night

## TECHNICAL DATA

PIR Range	Time On Adjustable	Manual Control	Battery Type	IP Rating	Warranty
Up to 10 metres	15 - 20 seconds	No	4 x AA	IP44	1 Year



▶ EzyLED Spot One



▶ EzyLED Spot Two



# EZYLED SOLAR FLOOD

## SOLAR POWERED PIR SENSOR LIGHT

Description	Wattage	Colour	Lamps Included	Batteries Included	Order Code
EzyLED Solar Flood	3W	Black	Yes	Yes	LHT0189

- Eco-efficient Solar Power.
- PIR motion sensor.
- 3 Watts of bright white LED's
- Batteries and Solar Panel included.
- Can only activate at night.
- 2 Years Warranty.



EzyLED Solar Flood is a PIR motion sensor security light that provides convenience and security around the house or yard. When the sensor is triggered the LED's are illuminated. Charged by the sun, it is an economical way to solve security lighting issues in areas where power supply is not available.

## TECHNICAL DATA

### PIR AND ELECTRICAL

Detection	PIR Range	Time Off Adjustable	Operation	Batteries	Cable Length	Solar Panel
180° Forward	Up to 10 metres	Fixed at 30 seconds	<10lux	Ni-MH x 3 Supplied	5 metres	Amorphous

### LAMP AND MECHANICAL

Lumens	LED Colour	Beam Spread	Fixation Devices	IP Rating	Warranty
200 lm	Daylight 5700k	60°	Stainless Steel	IP44	2 Years

## EZYLED CEILING LITE

Description	Wattage	Colour	Lamp Included	Batteries Included	Order Code
EzyLED Ceiling Lite	0.5W	White	Yes	Yes	LHT0170

- Ceiling mounted LED battery sensor light.
- Long life white LED.
- Perfect for wardrobes, cupboards, pantries, etc.
- 17+ Month battery life\*.

\*Based on average 5 activations per night.



▶ EzyLED Ceiling Lite

### TECHNICAL DATA

PIR Range	Time Off Delay	Battery Type	IP Rating	Warranty
3 metre diameter	15 - 20 seconds	3 x AA	IP33	1 Year

## EZYLED STEP LITE/STEP LITE<sup>2</sup>

Description	Wattage	Colour	Lamps Included	Batteries Included	Order Code
EzyLED Step Lite	0.5W LED	White	Yes	Yes	LHT0160
EzyLED Step Lite <sup>2</sup>	0.5W LED	White	Yes	Yes	LHT0187
EzyLED Step Lite <sup>2</sup>	0.5W LED	Black	Yes	Yes	LHT0188

Step Lite is a battery operated DIY safety product. Ideally located wherever there is a risk of tripping or falling such as steps and stairs.

- Long life cool white LED.
- 1 year battery life\*.
- Suitable for indoor and outdoor use.

\*Based on average 10 activations per night.



▶ EzyLED Step Lite



▶ EzyLED Step Lite<sup>2</sup>

### TECHNICAL DATA

PIR Range	Time Off Delay	Battery Type	IP Rating	Warranty
Up to 3 metres	15 - 20 seconds	3 x AA	IP44	1 Year



# EZYLED OUTDOOR LITE

Description	Wattage	Colour	Lamps Included	Batteries Included	Order Code
EzyLED Outdoor Lite	0.5W LED	White	Yes	Yes	LHT0159
EzyLED Outdoor Lite	0.5W LED	Black	Yes	Yes	LHT0162
EzyLED Outdoor Lite	0.5W LED	Silver	Yes	Yes	LHT0163

Outdoor Lite is a battery operated LED spotlight with a built in motion sensor, for light when and where you need it. No wiring require and can be installed in minutes.

- Long life cool white LED.
- 17 months battery life.
- Suitable for indoor and outdoor use.

\*Based on average 5 activations per night.

## TECHNICAL DATA

PIR Range	Time Off Delay	Battery Type	Lighting Aiming Adjustment	IP Rating	Warranty
4 metres	15 - 20 seconds	3 x AA	360°	IP44	1 Year



▶ EzyLED Outdoor Lite

# EZYLED LITEBALL

Description	Wattage	Colour	Lamps Included	Batteries Included	Order Code
EzyLED LiteBall	0.9W LED	Red	Yes	Yes	LHT0167
EzyLED LiteBall	0.9W LED	Blue	Yes	Yes	LHT0168
EzyLED LiteBall	0.9W LED	Yellow	Yes	Yes	LHT0169

- Portable battery sensor light.
- 3 long life white LEDs.
- Magnetic, self adhesive or screw mount.
- 15+ Month battery life\*.

\*Based on average 5 activations per night.

## TECHNICAL DATA

PIR Range	Time Off Delay	Battery Type	IP Rating	Warranty
Up to 4 metres	15 - 20 seconds	3 x AA	IP33	1 Year



▶ EzyLED Liteball

## REPLACEMENT LAMPS

### HALOGEN

Description	Base Gap	Wattage	Order Code
Halogen Lamp - G9	G9	75W	LHT0135
78mm C Class Halogen	R7s	120W	LHT0212
117mm C Class Halogen	R7s	400W	LHT0213
78mm E Class Halogen	R7s	150W	LHT0100
117mm E Class Halogen	R7s	500W	LHT0101



▶ G9 Halogen Lamp



▶ Linear C Class Halogen Lamp

### LED

MR16 LED White 230V	GU10	4.5W	LHT0210
MR16 LED Silver 230V	GU10	4.5W	LHT0211
MR16 LED 12V DC	GX5.3	3W	LHT0221



▶ MR16 LED 230V GU10 4.5W  
MR16 LED 12V DC GX5.3 3W

- Replacement lamps for HFL LED and Extract-a-LED ranges.

## MANROSE INFRARED LAMP

Description	Wattage	Order Code
Heat Lamp ES	275W ES	LHT0081

- Replacement lamp for all HFL models.



▶ Heat Lamp 275W

## DECOR LED ACCESSORIES

Description	Order Code
Replacement 230V Power Cord	LHT0216
Replacement Mounting Bracket kit	LHT0217

## ECOSPOT LAMP GASKETS

Description	Order Code
Replacement Ecospot PAR38 Lamp Gaskets (pair)	LHT0220

# IP RATING GUIDE

The IP classification system designates the degree of protection provided by an enclosure against solid objects or water ingress. Table 1 shows degree of protection against solid objects, Table 2 shows degree of protection against liquid.

## Protected Against Solids

IP	Test
0	Non-protected.
1	Protected against solid objects over 50mm, e.g accidental touch by hands.
2	Protected against solid objects over 12mm, e.g fingers.
3	Protected against solid objects over 2.5mm, e.g tools and wires.
4	Protected against solid objects over 1mm.
5	Protected against dust that could interfere with satisfactory operation.
6	Completely protected against dust ingress. Dust tight.

## Protected Against Liquids


IP	Test
0	Non-protected.
1	Protected against vertically falling drops of water.
2	Protected against direct sprays of water up to 15° from vertical.
3	Protected against direct sprays to 60° from vertical.
4	Protected against water splashed from all directions. Rainproof.
5	Protected against low pressure jets of water from all directions.
6	Protected against strong jets of water or heavy seas.
7	Protected against the effects of temporary immersion between 15cm and 1m.

# ALPHA-NUMERIC INDEX

## ORDER CODES

LHT0003	16	LHT0160	20	LHT0216	9
LHT0005	16	LHT0162	21	LHT0217	9
LHT0007	16	LHT0163	21	LHT0218	8
LHT0009	16	LHT0167	21	LHT0220	16
LHT0062	17	LHT0168	21	LHT0221	22
LHT0063	17	LHT0169	21	LHT0222	10
LHT0064	17	LHT0170	20	LHT0223	10
LHT0065	17	LHT0177	18	LHT0224	10
LHT0066	17	LHT0178	18	LHT0225	10
LHT0067	17	LHT0179	3	LHT0226	10
LHT0068	17	LHT0182	4	LHT0227	10
LHT0081	22	LHT0187	20	LHT0228	10
LHT0088	13	LHT0188	20	LHT0229	10
LHT0089	13	LHT0189	19	LHT0230	7
LHT0090	12	LHT0190	15	LHT0231	7
LHT0091	12	LHT0192	15	LHT0232	7
LHT0096	16	LHT0193	15	LHT0233	7
LHT0097	16	LHT0195	15	LHT0234	6
LHT0098	16	LHT0196	9	LHT0235	6
LHT0100	22	LHT0197	9	LHT0236	6
LHT0101	22	LHT0198	9	LHT0237	6
LHT0119	3	LHT0199	9		
LHT0120	3	LHT0200	9		
LHT0130	14	LHT0201	9		
LHT0131	14	LHT0202	9		
LHT0135	22	LHT0203	5		
LHT0136	12	LHT0204	5		
LHT0137	12	LHT0205	5		
LHT0138	12	LHT0206	5		
LHT0139	12	LHT0210	22		
LHT0142	4	LHT0211	22		
LHT0146	13	LHT0212	22		
LHT0150	13	LHT0213	22		
LHT0151	13	LHT0214	8		
LHT0159	21	LHT0215	8		





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