



# LIGHTING & SENSOR CATALOGUE

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# TABLE OF CONTENTS

## LIGHTING AND SENSORS

Smart Sense 180° Sensor	2
TRINITY 180° Sensor	2
Smart Sense 360° Sensor	3
Micro Sense 360° Sensor	4
Sensor PIR Range	5
LED Eco Spot	6
LED Eco Spot	7
Mightylite PIR LED	8
Perimeter PIR Floodlights	9
Flood LED	10
Reflect LED PIR	11
Reflect LED	12
LED Washer	13
Bulk LED	14
Elite LED PIR	15
Elite LED	16
Oyster LED	17
LED Button	18
Decor LED	19
TRINITY	20
TRINITY Spots	21
TRINITY Twin Spot Sensorlights	21
TRINITY LED	22
TRINITY Floods	23
TRINITY Sensor Floodlights	23
TRINITY Rain Drop Sensorlight	24
Bulkhead 360° Dual Sensorlight	24
Eco Flood	25
Eco Flood Sensorlight	25
Smartlite Spots	26
Eco Spot Sensorlights	26
Strobe Lights	27
Strobe Lenses	27
EzyLED Spot One + Spot Two	28
EzyLED Solar Flood	29
EzyLED Ceiling Lite	30
EzyLED Step Lite	30
EzyLED Outdoor Lite	31
EzyLED Liteball	31
Replacement Lamps	32
Manrose Infrared Lamp	32
Accessories	32

# SMART SENSE 180° SENSOR

## PIR SENSOR

Description	Colour	Order Code
SmartSense 180°	Black	LHT0119
SmartSense 180°	White	LHT0120

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

### PIR AND ELECTRICAL

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



SmartSense 180°

# TRINITY 180° SENSOR

## PIR SENSOR

Description	Colour	Order Code
Trinity IP55	Black	LHT0238
Trinity IP55	White	LHT0239

- Suits environments up to IP55.
- Scanning LED with PIR motion detector.
- High 3kW switching capacity.
- Auto sensor/manual and holiday modes.

### PIR AND ELECTRICAL

Detection	Range	Time On Adjustable	Dusk Control	Manual Override	Holiday Mode	Switching	Mounting	IP	Warranty
180° Forward	10 metres	5 secs - 15 mins	Yes	Yes	1 - 8 Hours	3000W	Wall	IP55	3 years



Trinity 180° Sensor

# SMART SENSE 360° SENSOR

## 360° DUAL MOUNT PIR SENSOR

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

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



Dual Mount PIR 360°

### PIR AND ELECTRICAL

Detection	Range (Diameter)	High Occupancy Zone	Range Adjustable	Time On Adjustable	Dusk Control	Manual Override	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.



Flush Mounted 360° Sensor

### PIR AND ELECTRICAL

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

### MECHANICAL

Cutout for Recessing	Mounting	IP Rating	Warranty
75mm Ø	Recess	IP44	3 years

# MICRO SENSE 360° SENSOR

## 360° MICROWAVE SENSOR

Description	Colour	Order Code
Microwave Sensor	White	LHT0182



Microwave Sensor

- Optimised motion 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.

### PIR AND ELECTRICAL

Detection	Range (Diameter)	Range Adjustable	Time On Adjustable	Dusk Control	Manual Override	Switching	Detection Frequency	Transmission Power
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

# SENSOR PIR RANGE

## COMPACT TWIN SENSORLIGHTS

Description	Wattage	Colour	Order Code
SensorLED Single	4W	Black	LHT0203
SensorLED Single	4W	White	LHT0204
SensorLED II	2 x 4W	Black	LHT0267
SensorLED II	2 x 4W	White	LHT0268
SensorLED Max	2 x 8W	Black	LHT0269
SensorLED Max	2 x 8W	White	LHT0270

- Weatherproof and impact resistant.
- Security illumination for domestic exterior locations, including patios and decks, paths and driveways, garages, entrances, storage units and many others.
- Suitable for wall or ceiling Mounting.
- 230V Supply Class II.

### PIR

	Detection	Range	PIR PAN	Time On Adjustable	Dusk Control	Manual Override
4W						No
2x 4W	140°	8 metres	± 90°	30 secs - 6 mins	Yes	No
2x 8W						Yes

### LAMPS

Wattage	Luminous Flux	Peak Intensity	LED Colour	Beam Spread
2 x 4W	440 lm	540 cd (each spot)	Daylight 5700k	32°
2 x 8W	1200 lm	270 cd (each spot)	Warm White 3100k	95°

### MECHANICAL

Dimension	Twin 4W	Twin 8W	Pan/Tilt	Mounting	IP Rating	Warranty
Height	135mm	144mm				
Width	124mm	146mm	Pan/Tilt (Spotlight)	Wall/Ceiling	IP44	3 years
Depth	88mm	95mm				



SensorLED Single 4W, Black and White



SensorLED II 2 x 4W, Black



SensorLED Max 2 x 8W, Black

# LED ECO SPOT

## SINGLE & TWIN SPOT LIGHT

Description	Wattage	Colour	Order Code
LED ECO SPOT Single	1 x 8W	Black	LHT0246
LED ECO SPOT Single	1 x 8W	White	LHT0247
LED ECO SPOT Twin	2 x 8W	Black	LHT0248
LED ECO SPOT Twin	2 x 8W	White	LHT0249

- Mount to wall or ceiling.
- CREE lamp with Extra wide beam optics.
- Comparable to 100W PAR38 performance.
- All stainless steel screws - no rusting.
- Warm white LED colour to suit domestic applications.
- 230V Supply Class I.

### LAMP/S

Wattage	Luminous Flux	LED Colour	Beam Spread
8W	720 lm	3500K Warm White	120° (Each Lamp)
2 x 8W	1440 lm		

### MECHANICAL

Dimension	Single	Twin	Pan/Tilt	Mounting	IP Rating	Warranty
Height	130mm	130mm				
Width	112mm	220mm	Yes	Wall/Ceiling	IP44	3 years
Depth	165mm	165mm				



LED ECO SPOT Single Black and White



LED ECO SPOT Twin Black and White

# LED ECO SPOT

## TWIN LED PIR SENSOR LIGHT

Description	Wattage	Colour	Order Code
LED ECO SPOT Twin PIR	2 x 8W	Black	LHT0244
LED ECO SPOT Twin PIR	2 x 8W	White	LHT0250

- Mount to wall or ceiling.
- Extra wide beam optics.
- Comparable to PAR38 performance.
- Warm white LED colour to suit domestic applications.
- 230V Supply Class I.

### PIR

Detection	Range	PIR PAN	Time On Adjustable	Dusk Control	Manual Override
80°	12m	Pan/Tilt	3 Secs - 7 Mins	2 - 2000 Lux Adjust	Yes

### MECHANICAL

Pan/Tilt	Mounting	IP Rating	Warranty
Yes	Wall/Ceiling	IP44	3 years



LED ECO SPOT Twin White PIR



LED ECO SPOT Twin Black PIR



# MIGHTYLITE PIR LED

## PERIMETER PIR FLOODLIGHTS

Description	Wattage	Colour	Order Code
MIGHTYLITE PIR	15W	Black	LHT0234
MIGHTYLITE PIR	15W	White	LHT0235
MIGHTYLITE PIR	24W	Black	LHT0236
MIGHTYLITE PIR	24W	White	LHT0237

- High quality, compact size and outstanding design.
- Suitable for residential and most light commercial applications.
- Excellent perimeter light cut-off for spill and glare control.
- Manual override capable, master/slave compatible.
- 230V Supply Class I.



MIGHTYLITE PIR 15W Black  
+ Side View

### PIR

Detection	Range	Range Adjustable	Time On Adjustable	Dusk Control	Manual Override
120° Forward	9-10 metres	Yes	15 secs - 5 mins	Yes	Yes

### LAMP

Wattage	Luminous Flux	Peak Intensity	Beam Spread	LED Colour
15W	930 lm	490 cd	75° Vertical x 99° Horizontal	Cool White 4000k
24W	1530 lm	806 cd	74° Vertical x 93° Horizontal	

Description	Order Code
Replacement Mounting Accessories Pack	LHT0245

### MECHANICAL

Dimensions	MIGHTYLITE PIR	Housing	Pan/Tilt	Mounting	IP Rating	Warranty
Height	112mm					
Width	160mm	Alloy, Polycarbonate UV	Yes	Wall	IP65	5 years
Depth	126mm					

When linking more MIGHTYLITE PIR Floodlights on the same circuit, they can be connected so that either each unit acts as a standalone sensor light activating only the zone affected or any activation will turn all the lights on at once.

Optionally, additional connection of an alarm (strobe or siren) can be added for remote notification of the lights being activated.

# MIGHTYLITE LED

## PERIMETER FLOODLIGHTS

Description	Wattage	Colour	Order Code
MIGHTYLITE	15W	Black	LHT0230
MIGHTYLITE	15W	White	LHT0231
MIGHTYLITE	24W	Black	LHT0232
MIGHTYLITE	24W	White	LHT0233

- High quality, compact size and outstanding design.
- Suitable for residential and most light commercial applications.
- Excellent perimeter light cut-off for spill and glare control.
- 230V Supply Class 1.



MIGHTYLITE 15W White

### LAMP

Wattage	Luminous Flux	Peak Intensity	Beam Spread	LED Colour	Description	Order Code
15W	930 lm	490 cd	75° Vertical x 99° Horizontal	Cool White 4000k	Replacement Mounting Accessories Pack	LHT0245
24W	1530 lm	806 cd	74° Vertical x 93° Horizontal			

### MECHANICAL

Dimensions	MIGHTYLITE	Housing	Pan/Tilt	Mounting	IP Rating	Warranty
Height	112mm	Alloy, Polycarbonate UV	Yes	Wall	IP65	5 years
Width	160mm					
Depth	126mm					

# FLOOD LED

## AREA FLOODLIGHTS

Description	Wattage	Colour	Order Code
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.
- 230V Supply Class I.



Flood LED 55W Black

### LAMP

Wattage	Luminous Flux	Peak Intensity	LED Colour	Beam Spread	TM21 L70
30W	2396 lm	953 cd	Daylight	110°	L70 (8k) 42000 hrs
55W	4292 lm	1785 cd	5700k		

### MECHANICAL AND ELECTRICAL

Dimensions	30/50W	Cable Length	Housing	IP Rating	Warranty
Height	276mm	1800 mm fitted	Alloy, Safety Glass, Stainless Steel Bolts	IP65	3 years
Width	220mm				
Depth	64mm				
Weight	2.05 kg				

# REFLECT LED PIR

## LOW GLARE PIR FLOODLIGHTS

Description	Wattage	Colour	Order Code
Reflect LED PIR	12W	Black	LHT0277
Reflect LED PIR	12W	White	LHT0278
Reflect LED PIR	20W	Black	LHT0279
Reflect LED PIR	20W	White	LHT0280
Reflect LED PIR	26W	Black	LHT0281
Reflect LED PIR	26W	White	LHT0282

- Unique rear-projection technology, using a high polished reflector to maximise light yield.
- Reduces high glare issues.
- Extra wide beam optics.
- 230V Supply Class II.

This sensor can operate either as a PIR Sensor or as a Dusk to Dawn photocell (D-MODE).

### PIR

Detection	Range	PIR PAN	Time On Adjustable	Dusk Control	Manual Override	D-MODE (dusk to dawn)
120°	10 metres	Pan/Tilt	5 secs - 10 mins	2-2000 lux adjust	Yes	Yes

### LAMP

Wattage	Luminous Flux	Peak Intensity	LED Colour	Beam Spread
12W	500	265 cd	Natural 5700k	105°
20W	1000	480 cd		110°
26W	1500	685cd		110°

### MECHANICAL AND ELECTRICAL

Dimensions	12W	20W	26W	Mounting	Housing	IP Rating	Warranty
Height	122mm	122mm	141mm	Wall/Ceiling	Alloy, Polycarbonate, Stainless Steel	IP54	3 years
Width	98mm	170mm	222mm				
Depth	111mm	111mm	111mm				



20W Reflect LED PIR White



26W Reflect LED PIR White

# REFLECT LED

## LOW GLARE FLOODLIGHTS

Description	Wattage	Colour	Order Code
Reflect LED	12W	Black	LHT0271
Reflect LED	12W	White	LHT0272
Reflect LED	20W	Black	LHT0273
Reflect LED	20W	White	LHT0274
Reflect LED	26W	Black	LHT0275
Reflect LED	26W	White	LHT0276

- Unique rear-projection technology, using a high polished reflector to maximise light yield.
- Reduces high glare issues.
- Extra wide beam optics.
- 230V Supply Class II.



12W Reflect LED Black



20W Reflect LED Black

### LAMP

Wattage	Luminous Flux	Peak Intensity	LED Colour	Beam Spread
12W	500	265 cd	Natural 5700k	105°
20W	1000	480 cd		110°
26W	1500	685cd		110°

### MECHANICAL AND ELECTRICAL

Dimensions	12W	20W	26W	Mounting	Housing	IP Rating	Warranty
Height	122mm	122mm	141mm	Wall/Ceiling	Alloy, Polycarbonate, Stainless Steel	IP55	3 years
Width	98mm	170mm	222mm				
Depth	111mm	111mm	111mm				

# LED WASHER

## MOOD LIGHTERS

Description	Wattage	Trim Colour	Order Code
LED Washer Horizontal	3.5W	White, Grey, Black	LHT0251
LED Washer Vertical	1.0W	White, Grey, Black	LHT0252
LED Washer Square	1.6W	White, Grey, Black	LHT0253
LED Washer Round	2.0W	White, Grey, Black	LHT0254

LED Washers will provide navigation and effect lighting to exterior locations. The range can be mounted on a wall or ceiling and aimed in any orientation. Suitable for many locations, including patios and decks, pathways, driveways, entrances, foyers, and stairs.

- Provides a directional light output.
- 230V Supply Class II.
- Supplied with White, Silver and Black fascia.

### LAMP

Wattage	Luminous Flux	LED Colour
Horizontal	180 lm	Cool White 4000k
Vertical	50 lm	
Square	80 lm	
Circle	100 lm	

### MECHANICAL

Dimensions	LHT0251 Horizontal	LHT0252 Vertical	LHT0253 Square	LHT0254 Round	Mounting	IP Rating	Warranty
Height	80mm	230mm	125mm	150mm $\Phi$	Surface	IP54	3 years
Width	230mm	80mm	125mm				
Depth	27mm	27mm	27mm	27mm			



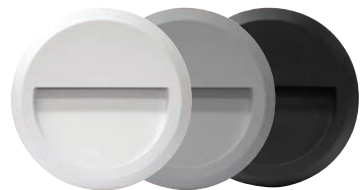
LED Washer Horizontal



LED Washer Vertical



LED Washer Square



LED Washer Round

# BULK LED

## DECOR LED BULKHEADS

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
Bulkhead LED with Eyelid	6W	Black	LHT0240
Bulkhead LED with Eyelid	6W	White	LHT0241
Bulkhead LED Slim Trim	6W	Black	LHT0242
Bulkhead LED Slim Trim	6W	White	LHT0243

- Longer life eco-efficient LED array.
- Effectively replaces most incandescent options up to 75 watts.
- Perfect locations include patios and decks, pathways, garages, entrances, storage units, shop fronts and public amenities to -10°C.
- 230V Supply Class II.

### PIR AND ELECTRICAL

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

### LAMP AND MECHANICAL

Luminous Flux	LED Colour	Mounting	Housing	IP Rating	Warranty
440 lm	Warm White 3000k	Wall/Ceiling	Polycarbonate UV, Stainless Steel Screws	IP44	3 years

### DIMENSIONS

Dimensions	Entire Range
Height	108mm
Width	248mm
Depth	73mm



Bulk LED PIR with Eyelid



Bulk LED PIR Slim



Bulk LED NON PIR with Eyelid



Bulk LED NON LED Slim

# ELITE LED PIR

## CONTEMPORARY BULKHEAD

Description	Wattage	Colour	Order Code
ELITE LED PIR Portrait	16W	BLACK	LHT0337
ELITE LED PIR Portrait	16W	WHITE	LHT0338
ELITE LED PIR Landscape	16W	BLACK	LHT0339
ELITE LED PIR Landscape	16W	WHITE	LHT0340

- A tough double skin construction ensures long lasting weather proofing.
- Easy installation and giving super bright reliable LED lighting all year around.
- This fitting provides continuous low level courtesy lighting from dusk till dawn, boosting up to full output when movement is detected by the PIR sensor.

### PIR

Detection	Range	Time On Adjustable	Dusk Control	Manual Override
120° Forward	12 metres	5 secs - 15 mins	Yes	Yes

### LAMP

Wattage	Luminous Flux	LED Colour
16W	1390 Initial	5700K Natural White

### MECHANICAL

Dimensions	ELITE LED PIR Portrait	ELITE LED PIR Landscape	Housing	Mounting	IP Rating	Warranty
Height	226mm	152mm	Polycarbonate cover with alloy base	Wall	IP55	3 years
Width	152mm	226mm				
Depth	82mm	82mm				



ELITE LED Portrait



ELITE LED Landscape



# ELITE LED

## CONTEMPORARY BULKHEAD

Description	Wattage	Colour	Order Code
ELITE LED Portrait	16W	BLACK	LHT0333
ELITE LED Portrait	16W	WHITE	LHT0334
ELITE LED Landscape	16W	BLACK	LHT0335
ELITE LED Landscape	16W	WHITE	LHT0336

- A tough double skin construction ensures long lasting weather proofing.
- Easy installation, this fitting provides super bright reliable LED lighting all year around.
- Select from Portrait or Landscape options to suit your application.



ELITE LED Portrait



ELITE LED Landscape

### LAMP

Wattage	Luminous Flux	LED Colour
16W	1390 Initial	5700K Natural White

### MECHANICAL

Dimensions	ELITE LED Portrait	ELITE LED Landscape	Housing	Mounting	IP Rating	Warranty
Height	226mm	152mm	Polycarbonate cover with alloy base	Wall	IP55	3 years
Width	152mm	226mm				
Depth	82mm	82mm				

# OYSTER LED

## ADVERSE ENVIRONMENT BULKHEADS

Description	Diameter	Wattage	Colour	Standard	Microwave
				Order Code	Order Code
IP66 Oyster LED	300mm	14W	Black	LHT0222	LHT0422
IP66 Oyster LED	300mm	14W	Cream	LHT0223	LHT0423
IP66 Oyster LED	350mm	20W	Black	LHT0224	LHT0424
IP66 Oyster LED	350mm	20W	Cream	LHT0225	LHT0425
IP66 Oyster LED	400mm	24W	Black	LHT0226	LHT0426
IP66 Oyster LED	400mm	24W	Cream	LHT0227	LHT0427

- Robust polycarbonate housing suits most harsh environments to -10°C
- True IP66 rated construction.
- Eco-Efficient LED dedicated solution.
- 230V Supply Class II.

### LAMP

Wattage	Luminous Flux	LED Colour	Beam Spread
14W	780 lm	Cool White 4200k	180°
20W	1150 lm		
24W	1500 lm		

### MICROWAVE VERSION (INTEGRAL)

Detection	Range	Time On	Dusk Control	Switching
360° x 160°	16 metres diametre	8 secs - 12 mins	Yes	200W LED

### MECHANICAL

Housing	Mounting	IP Rating	Warranty
Polycarbonate UV Stainless Steel Brackets	Universal	IP66	3 years



Roof Mounted - Round Button 20W Black



Wall Mounted - Round Button 20W Cream

# LED BUTTON

## DECORATIVE BULKHEADS

Description	Wattage	Colour	Order Code
LED Button Round	6W	Black	LHT0255
LED Button Round	6W	White	LHT0256
LED Button Round	6W	Silver	LHT0257
LED Button Oval	6W	Black	LHT0258
LED Button Oval	6W	White	LHT0259
LED Button Oval	6W	Silver	LHT0260
LED Button Round Bar	6W	Black	LHT0261
LED Button Round Bar	6W	White	LHT0262
LED Button Round Bar	6W	Silver	LHT0263
LED Button Oval Bar	6W	Black	LHT0264
LED Button Oval Bar	6W	White	LHT0265
LED Button Oval Bar	6W	Silver	LHT0266

- Compact decorative housing design.
- Replaces incandescent options up to 60 watts.
- Robust construction.
- 230V Supply Class I.

## LAMP

Luminous Flux	LED Colour
480 lm	Cool White 4000K

## MECHANICAL

Dimension	Round	Round Bar	Oval	Oval Bar	Housing	Mounting	IP Rating	Warranty
Height	160mm	160mm	122mm	122mm	Alloy, Polycarbonate, Stainless Steel	Universal	IP44	2 years
Width	160mm	160mm	182mm	182mm				
Depth	75mm	80mm	75mm	80mm				



LED Button Round Black



LED Button Oval White



LED Button Round Bar Black



LED Button Oval Bar White

# DECOR LED

## LED STRIP LIGHTING

Description	Wattage	Colour	Order Code
Decor LED 250mm	2.7W	White	LHT0196
Decor LED 330mm	3.6W	White	LHT0197
Decor LED 550mm	6.8W	White	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.

### LAMP AND MECHANICAL

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

### ACCESSORIES

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



Decor LED 6.8W

# TRINITY

## INTRODUCTION

The TRINITY lighting range are premium products designed for ease of installation and visual diagnostics for the contractor.

In sensor auto mode the LEDs 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.

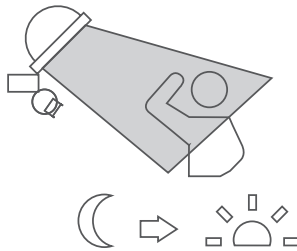
With unique features for peace of mind, safety and security, the TRINITY range is simple to setup and has the flexibility to adjust to your needs as they change.

### 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.



TOGGLE X1

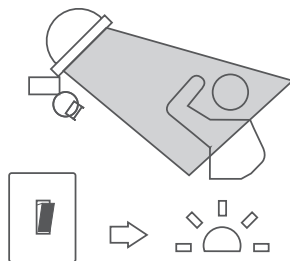


### MANUAL CONTROL MODE

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.



TOGGLE X2

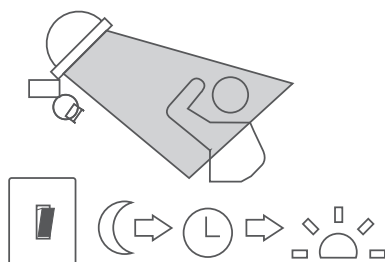


### HOLIDAY MODE

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.



TOGGLE X3



# 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. Class I.

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



Trinity Single Slave Spot Black and White



Trinity Twin Slave Spot Black and White

## 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 LEDs with PIR motion sensor.
- Auto sensor, manual and holiday modes.
- Master/Slave capable to 2kW Class I.

### PIR

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



Trinity Twin Spot Range Black and White

## ELECTRICAL AND MECHANICAL

Switching	Scanning LEDs	Mounting	IP Rating	Warranty
2000W	Yes	Wall	IP44	3 years

# TRINITY LED

## PIR SECURITY SPOT LIGHT

Description	Wattage	Colour	Order Code
TRINITY LED PIR Security Spot Light	2x 12W	Black	LHT0331
TRINITY LED PIR Security Spot Light	2x 12W	White	LHT0332

- Scrolling LED with PIR Motion Detector.
- Auto sensor, Manual and Timer modes.
- Wide beam high output Twin 12W LED.
- 3 Year Warranty.

TRINITY lighting is a premium product range from SIMX. High output LED arrays with extra wide beam coverage. Scrolling LED's provide a constant and visual deterrent to potential prowlers.

Three way operation choice of Auto Sensor control, Manual control or Time control modes are available at your fingertips.

### PIR

Detection Range	Detection Angle	Time On Adjustable	Dusk Control	Manual Override	Holiday Mode
up to 12m	180° at 3m	5 Secs - 7 Mins	2 - 2000 Lux Adjust	Yes	1-8 Hours

### LAMP

Wattage	Luminous Flux	Beam Angle	LED Colour
2x 12W	1600 lm	105° - 110°	NATURAL 5500k

### MECHANICAL

Dimensions	Housing	Pan/Tilt	Mounting	IP Rating	Warranty	
Height	220mm					
Width	200mm	Alloy UV Stabilised Polycarbonate	Yes	Wall	IP44	3 years
Depth	150mm					



LHT0331 - Black



LHT0332 - White

# TRINITY FLOODS

## HALOGEN AREA FLOODLIGHTS

Description	Wattage	Colour	Lamp Included	Order Code
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. Class I.
- Use in conjunction with Trinity Sensorlight or Standalone.

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



Trinity Floodlight Silver



Trinity Sensor Flood White

## 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 LEDs with PIR sensor.
- Auto sensor, manual and holiday modes.
- Stainless steel screws. Class I.

### PIR

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



Trinity Sensor Flood Black



Trinity Sensor Flood Silver

### ELECTRICAL AND MECHANICAL

Switching	Scanning LEDs	Mounting	IP Rating	Warranty
2000W	Yes	Wall	IP44	3 years



## TRINITY RAIN DROP SENSORLIGHT

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

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

### PIR

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

### ELECTRICAL AND MECHANICAL

Switching	Scanning LEDs	Lamp Type	Pan/Tilt	Mounting	IP Rating	Warranty
500W	Yes	CFL or GLS	Pan	Wall	IP44	3 years

## 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.
- All polycarbonate construction.
- Downward sensor eliminates creep zones.

### PIR

Detection	Range	Range Adjustable	Time On Adjustable	Dusk Control	Manual Override
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 years



Rain Drop Globe



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.

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).

### PIR

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



ECO Flood Grey

### ELECTRICAL AND MECHANICAL

Switching	Pan/Tilt	Mounting	IP Rating	Warranty
300W	Pan/Tilt	Wall	IP44	1 year

# 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. Prewired lamp holder.
- Designed and manufactured in New Zealand.
- Class II.

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



SmartLite Single Spot Black and White



SmartLite Twin Spot Black and White

## 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 ECO SPOT PAR38 Lamp Gaskets (pair)				LHT0220

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

### PIR

Detection	Range	Range Adjustable	Time On Adjustable	Manual Override
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



ECO Twinspots Black, White and Grey

# 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. Polycarbonate lens.
- Optional colour lens available as accessories.
- 100mm diameter x 92mm height.
- Flying lead connections.
- IP44 rated.



Zenon Flashing Strobe Light with Red Lens

## STROBE LENSES

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



Strobe Lens variations

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

## EZYLED SPOT ONE + SPOT TWO

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

### PIR AND ELECTRICAL

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



EzyLED Spot One



EzyLED Spot Two

# EZYLED SOLAR FLOOD

## SOLAR POWERED PIR SENSOR LIGHT

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

- Eco-efficient solar power.
- PIR motion sensor.
- 3 Watts of bright white LEDs.
- 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 LEDs are illuminated. Charged by the sun, it is an economical way to solve security lighting issues in areas where power supply is not available.



EzyLED Solar Flood

### 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	Batteries Included	Order Code
EzyLED Ceiling Lite	0.5W	White	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.

### PIR AND ELECTRICAL

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



EzyLED Ceiling Lite

## EZYLED STEP LITE

Description	Wattage	Colour	Batteries Included	Order Code
EzyLED Step Lite	0.5W LED	White	Yes	LHT0160

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.
- 17 month battery life\*.
- Suitable for indoor and outdoor use.

\*Based on average 5 activations per night.

### PIR AND ELECTRICAL

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



EzyLED Step Lite

## EZYLED OUTDOOR LITE

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



EzyLED Outdoor Lite

### PIR AND ELECTRICAL

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

## EZYLED LITEBALL

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



EzyLED Liteball

### PIR AND ELECTRICAL

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



# REPLACEMENT LAMPS

## HALOGEN

Description	Base Gap	Wattage	Order Code
G9 Halogen Lamp	G9	75W	LHT0135
78mm C Class Halogen	R7s	120W	LHT0212
117mm C Class Halogen	R7s	400W	LHT0213
117mm E Class Halogen	R7s	500W	LHT0101
MR16 Halogen Lamp	GU10	50W	LHT0140



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

- Replacement lamps for HFL LED and Extract-a-PIR Ranges.



MR16 LED 230V  
GU10 4.5W

MR16 LED 12V DC  
GX5.3 3W

## MANROSE INFRARED LAMP

Description	Wattage	Order Code
Heat Lamp	275W ES	LHT0081

- Replacement lamp for all HFL models.



Heat Lamp 275W

## ACCESSORIES

Description	Order Code
Decor LED 230V Power Cord	LHT0216
Decor Mounting Bracket kit	LHT0217
Replacement ECO SPOT PAR38 Lamp Gaskets (pair)	LHT0220
Mightylite Mounting Accessories Pack	LHT0245







