

KEY:

Wall mounted adjustable wall spot with glare guards lined to PIR sensor

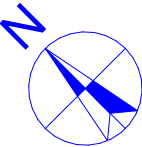
Hunza Wall Spots



Hunza Glare Guards



Light symphony PIR motion sensor



REV	DATE	DRAWN	AMENDMENT

Granit
Architecture + Interiors

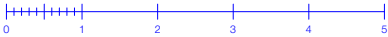
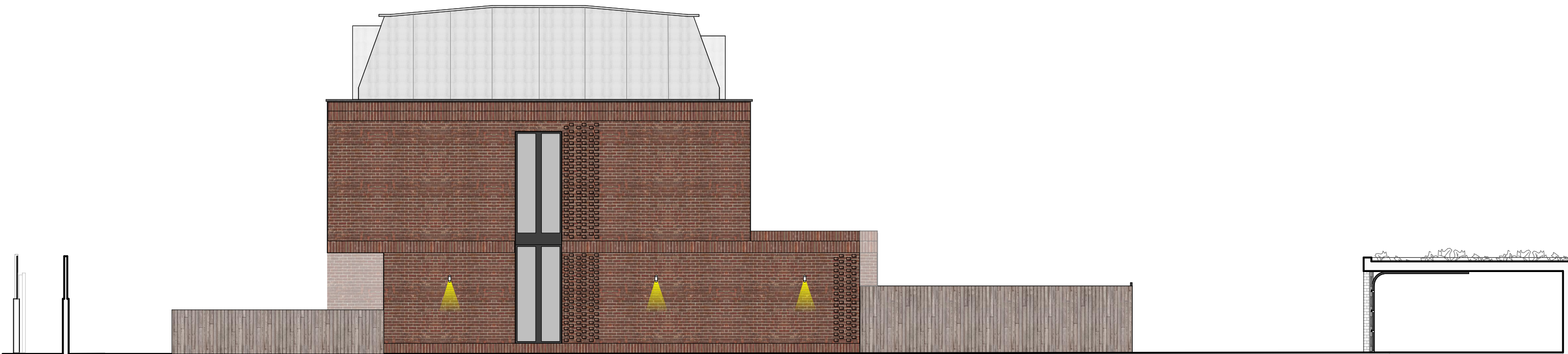
Studios 18-19, 16 Porteus Place,
Clapham, London SW4 0AS

t +44 (0) 20 7924 4555
e info@granit.co.uk
w www.granit.co.uk

THIS DRAWING HAS BEEN PRODUCED FOR THE NAMED
CLIENT AND NAMED PROJECT AND IS NOT INTENDED
FOR USE BY ANY OTHER PERSON OR FOR ANY OTHER
PURPOSE.

© GRANIT CHARTERED ARCHITECTS LTD

Project	Garages at Parsifal				Drawing No.	1850/P/100/17	
For	Gary Sugarman				Drawing	Ground Floor Plan - Motion sensor lighting strategy	Revision
Project Address	Parsifal House, 521 Finchley Road, London NW3 7BT						<div>★</div>
Scale	1:100 @ A3	Date	24/04/2024	Drawn	JW & MG	Purpose	FOR INFORMATION
Notes	IF THIS DRAWING HAS BEEN ISSUED 'FOR CONSTRUCTION' DO NOT SCALE DIRECTLY FROM IT. ALL DIMENSIONS TO BE CHECKED ON-SITE. PLEASE CONTACT ARCHITECT IF YOU REQUIRE CONFIRMATION OF ANY DIMENSIONS. ANY DISCREPANCIES TO BE RAISED WITH CONTRACT ADMINISTRATOR.				File	1850_Parsifal_House_NEW_PLANNING.pln	



--	--	--	--	--

REV	DATE	DRAWN	AMENDMENT



Studios 18-19, 16 Porteus Place,
Clapham, London SW4 0AS

t +44 (0) 20 7924 4555
e info@granit.co.uk
w www.granit.co.uk

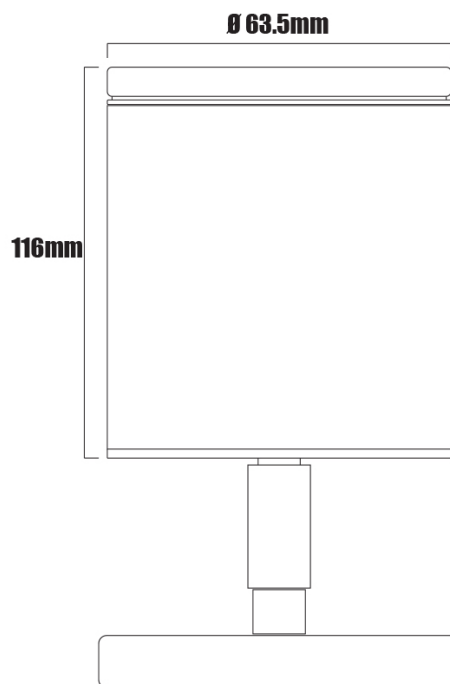
THIS DRAWING HAS BEEN PRODUCED FOR THE NAMED
CLIENT AND NAMED PROJECT AND IS NOT INTENDED
FOR USE BY ANY OTHER PERSON OR FOR ANY OTHER
PURPOSE.

© GRANIT CHARTERED ARCHITECTS LTD

Project	Garages at Parsifal			Drawing No.	1850/P/100/18	
For	Gary Sugarman			Drawing	Side Elevation 1 - Motion sensor lighting strategy	
Project Address	Parsifal House, 521 Finchley Road, London NW3 7BT				Revision	
					★	
Scale	1:100 @ A3	Date	24/04/2024	Drawn	JW & MG	Purpose
Notes	IF THIS DRAWING HAS BEEN ISSUED 'FOR CONSTRUCTION' DO NOT SCALE DIRECTLY FROM IT. ALL DIMENSIONS TO BE CHECKED ON-SITE, PLEASE CONTACT ARCHITECT IF YOU REQUIRE CONFIRMATION OF ANY DIMENSIONS. ANY DISCREPANCIES TO BE RAISED WITH CONTRACT ADMINISTRATOR.			File	1850_Parsifal_House_NEW_PLANNING.pln	
					FOR INFORMATION	

HUNZA

Hunza wall spot - black



COLOUR

N/A

PRODUCT CODE

LGH6210

BEAM ANGLE

38°

WATTAGE

20W

LIFE OF LAMP

5000h

GENERAL

Construction Material	Powder coated aluminium
Cut-out (mm)	N/A
IP rating	66
Rotation angle (°)	360°
Tilt angle (°)	90°
Weight (g)	495

Wiring

Cable/flying lead	N/A
Type of wiring required	Parallel

Transformers

Product code	Description	Product code	Description
LGT1101	Single light fused outdoor transformer	LGT1103	Three light fused outdoor transformer
LGT1102	Two light fused outdoor transformer	LGT1104	Four light fused outdoor transformer

Accessories

Product code	Description
ELA7924	Flexible conduit 20mm (16mm ID) black - 50mm
ELC1022	Black rubber cable 2-core - 1mm - 50m

Warranty

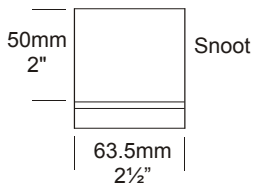
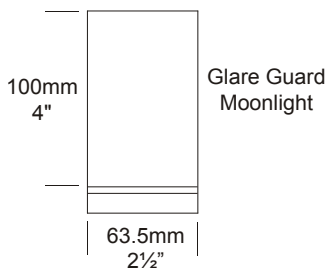
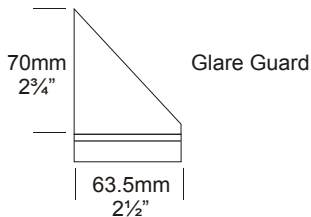
Body	Internal
5 year	5 year

Glare Guard

Cat. No. GG

Cat. No. GGML

Cat. No. SNT



The Glare Guard serves two purposes. Firstly to protect the eye from the direct glare or the sparkle effect from the lamp and secondly to guard against any direct light which may be emitted from the lens of the fitting. An additional lens can be fitted to keep the luminaire free of debris being deposited in the glare guard.

The Glare Guard is also available in a Moon Light (GGML) and Snoot (SNT) option, which is a cylindrical shape instead of having the front cut at an angle. These versions are used when a luminaire such as an NPS Spot or Pond Lite is mounted or suspended in a tree to create moonlighting effects.

Ordering Information

Type	Material/Finish	Accessories
GG - Glare Guard	BK - Black	LENSSTEPF - Frosted Lens
GGML - Glare Guard Moonlight	BZ - Bronze	
SNT - Snoot	CT - Corten	
	DG - Dark Grey	
	OG - Olive Green	
	STAR - Silver Star	
	WB - White Birch	
	WH - White	
	COP - Copper	
	SS - Stainless Steel	
Ordering example: GG BK - Glare Guard in Black		
GGML COP - Glare Guard Moonlight in Copper		
SNT SS - Snoot in Stainless Steel		
LENSSTEPF - Frosted Lens		
(accessories ordered separately)		

Construction

CNC machined from one of the following metals:

Aluminium

High corrosion resistant aluminium with chromate substrate and high UV resistant polyester powder coat.

Glare Guard Ring: 63.5 (2½") x 10mm (3/8") aluminium rod.

Glare Guard Shield: 63.5mm (2½") x 3.25mm (1/8") x 70mm (9½") aluminium tube.

Glare Guard Moonlight Shield: 63.5mm (2½") x 3.25mm (1/8") x 100mm (4") aluminium tube.

Snoot Shield: 63.5mm (2½") x 3.25mm (1/8") x 50mm (2") aluminium tube.

Colours:

Black, Bronze, Corten, Dark Grey, Olive Green, Silver Star, White Birch, White.

Copper

Glare Guard Ring: 63.5 (2½") x 10mm (3/8") copper rod.

Glare Guard Shield: 63.5mm (2½") x 3.25mm (1/8") x 70mm (9½") copper tube.

Glare Guard Moonlight Shield: 63.5mm (2½") x 3.25mm (1/8") x 100mm (4") copper tube.

Snoot Shield: 63.5mm (2½") x 3.25mm (1/8") x 50mm (2") copper tube.

316 Stainless Steel

Glare Guard Ring: 63.5 (2½") x 10mm (3/8") stainless steel rod.

Glare Guard Shield: 63.5mm (2½") x 3.25mm (1/8") x 70mm (9½") stainless steel tube.

Glare Guard Moonlight Shield: 63.5mm (2½") x 3.25mm (1/8") x 100mm (4") stainless steel tube.

Snoot Shield: 63.5mm (2½") x 3.25mm (1/8") x 50mm (2") stainless steel tube.

Mounting

The Glare Guard ring screws onto the luminaire in place of the standard lens ring. The Glare Guard does not affect the IP (water protection) rating of the luminaire.

Features

Adjustability

Fully adjustable, 360°.

Gasket

Silicone, iron impregnated 220°C (428°F).

Dual Lens

A second lens can be fitted, this stops debris building up in the glare shield.

USA/Canada

Fitting a Glare Guard increases the maximum allowable wattage for the luminaire from 20 watts to 35 watts while still complying to UL1838.

Note: The above does not apply to Pillar, Pillar Pagoda, Twin Bar, Twin Pole, Twin Sign and Twin Wall Spot Lites due to the maximum transformer output of 50 watts.

Accessories

Frosted Lens (Cat. LENSSTEPF).

Weight

Glare Guard

Aluminium - 0.150kg (5oz)

Copper - 0.320kg (11oz)

Stainless Steel - 0.300 (11oz)

Glare Guard Moonlight

Aluminium - 0.200kg (7oz)

Copper - 0.400kg (14oz)

Stainless Steel - 0.370 (13oz)

Snoot

Aluminium - 0.140kg (5lb)

Copper - 0.300kg (11oz)

Stainless Steel - 0.280kg (10oz)

Suitable for use with

Down Lite, Down Lite Ceiling Mount, Hanging Lite, NPS Spot, Pillar Lite, Pillar Pagoda, Pole Spot, Pond Lite, Sign Lite, Single Pole, Spike Spots, Tree Mount, Twin Bar Lite, Twin Pole, Twin Sign Lite, Twin Wall Spot and Wall Spot.

Light Symphony

Wireless PIRs

LightSymphony™

Wireless PIR Sensor



SPECIFICATIONS

Supply	230VAC
Power	1W
Frequency	434.075MHz
Outdoor Rating	IP44
Safety Rating	Double Insulated
Physical	H85mm x W60 mm x D80mm
Ambient Temp.	-20°C to +40°C
Detection Range.	12m / 180° max.



INTRODUCTION

The "Wireless PIR" unit is a mains powered device that uses a long-range wireless transmitter to trigger Light Symphony Lighting Control Modules. The PIR is user-adjustable for On-Times of 1 to 15 minutes. The ambient light level is also easily set using the external adjustment.

When triggered, the unit is factory pre-set to transmit the command; "ALL AREAS ON", which will switch the whole garden on. The PIR can easily be re-programmed to trigger a specific Area or zone from 1 to 29 using the internal DIP Switches. This feature allows multiple PIRs to be used together to control different lighting circuits or groups.

WIRELESS RANGE

The transmit range of the unit is up to 1,000 meters line-of-sight, but this will be reduced by walls and other obstacles.

In all cases, it is strongly recommended that a range-test be carried out before final installation.

If additional range is required a Base-Station or Repeater unit may be installed, these units echo the commands transmitted by the PIR thereby extending its range.

SAFETY INSTRUCTIONS

**ELECTRICITY CAN KILL
IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN**

This unit must be installed by a qualified electrician adhering to current national electrical installation standards.

Light Symphony

Wireless PIRs

TIMER ENABLED

Where the PIR is used in conjunction with a Light Symphony Base-Station timer, it is possible to set the PIR to operate at programmed times only, for example Dusk - Midnight (after midnight the PIR is disabled).

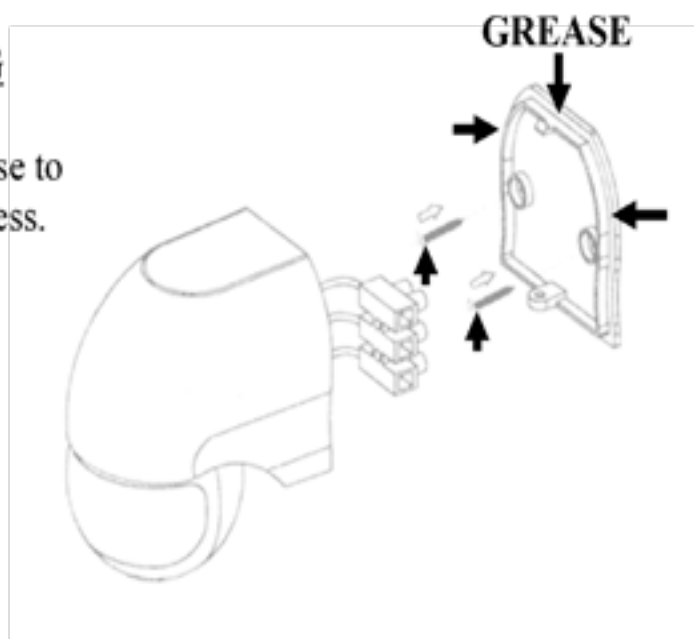
1. Set up the PIR as described to trigger the desired Areas and check it functions as required.
2. Set the DIP switch #6 to ON
3. Set up the Base-station's PIR timer function to the required operating time.
4. To test, temporarily advance the Base-station's clock to a time within the PIR's operating window e.g. 22:00.

NOTE:

When using this feature the PIR will transmit only to the Base-Station, which will re-transmit commands to the lighting controller(s). Therefore, ensure the Base-station is in good wireless range of the all PIRs and lighting controllers.

IMPORTANT: WATERPROOFING

Add a continuous run of silicone grease to the lip of the lid to prevent water ingress. Grease is required on the top and side edges only (do not grease the bottom edge). Also grease under the fixing screw heads.



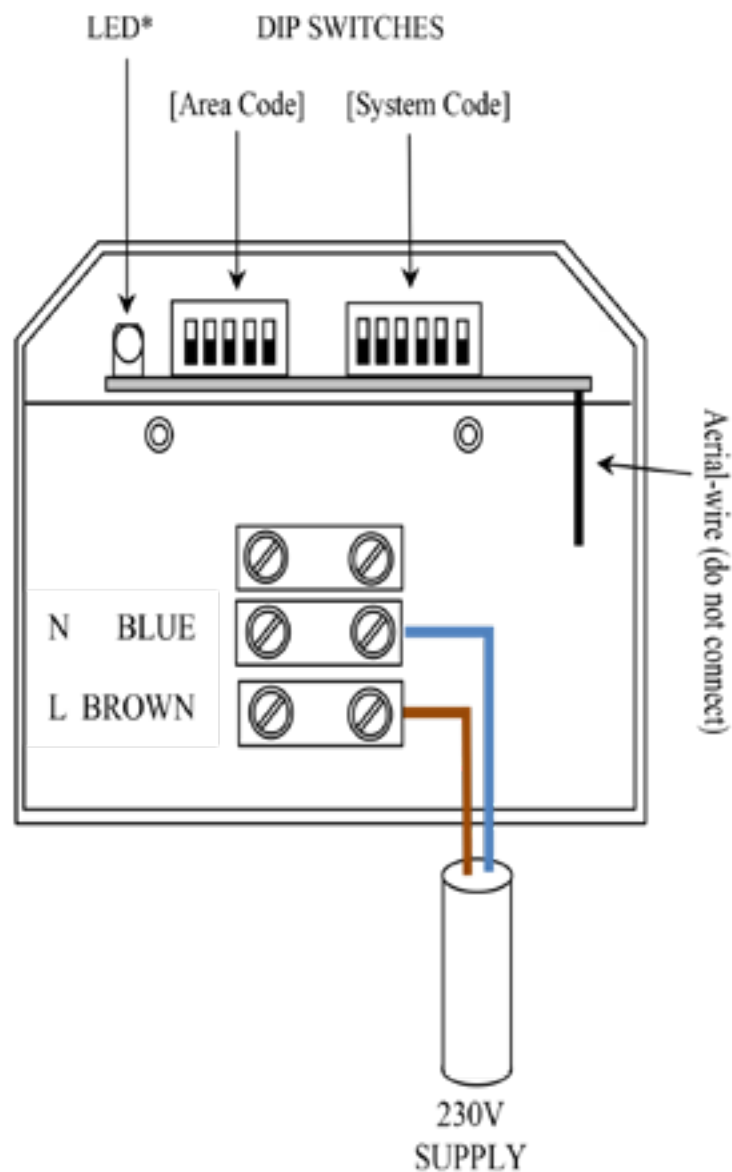
Light Symphony

Wireless PIRs

ELECTRICAL INSTALLATION

The PIR requires an un-switched 1Amp rated mains supply. No earth is required.

The electrical wiring is shown below:



IMPORTANT:

1. Do **NOT** adjust switches while the mains supply is on.
2. Make no connection to the aerial wire or damage may result.

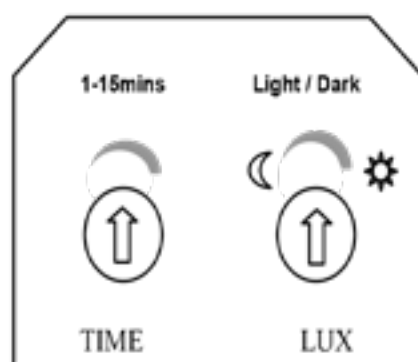
*The LED indicates a healthy mains supply and blinks when the PIR is triggered.

Light Symphony

Wireless PIRs

INSTRUCTIONS FOR USE

On the underside of the PIR are two adjustments, set these after installation to suit the location. By adjusting the LUX wheel fully clockwise the PIR will trigger in daylight allowing a walk-test.



NOTE: After adjusting the TIME wheel the PIR may take several trigger cycles to adjust to the new setting, please be patient.

PROGRAMMING

The unit was pre-configured at the factory to trigger the whole garden (ALL AREAS ON) but can easily be re-programmed using the DIP switches. See the enclosed sheet.

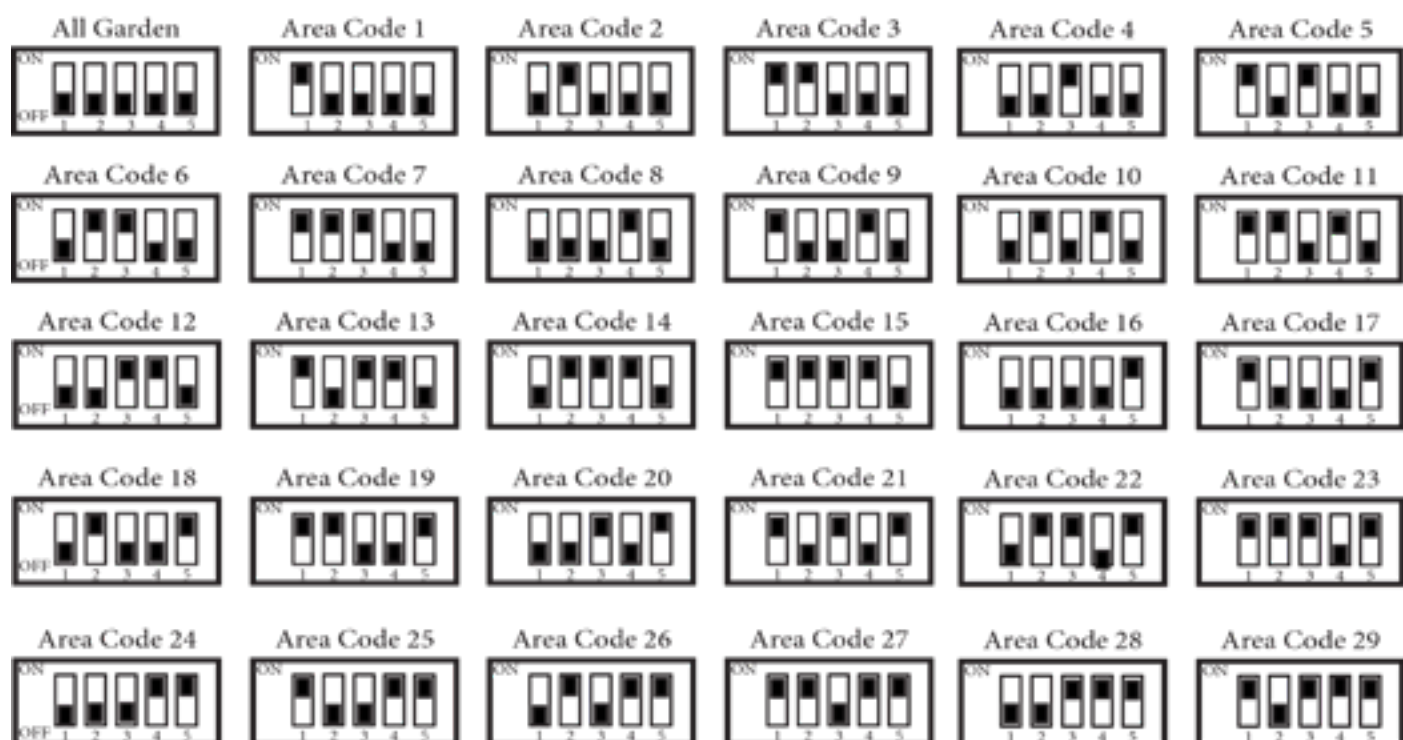
1. Ensure the PIR is powered (allow 1 minute to warm up).
2. Use the tables on the insert sheet to set the DIP switches for the required 'System code' and 'Zone/Area' number.

Note : The SYSTEM code is used to prevent interference from neighbouring systems. Choose a random number from 2-29 and set all devices on your system to the same code.

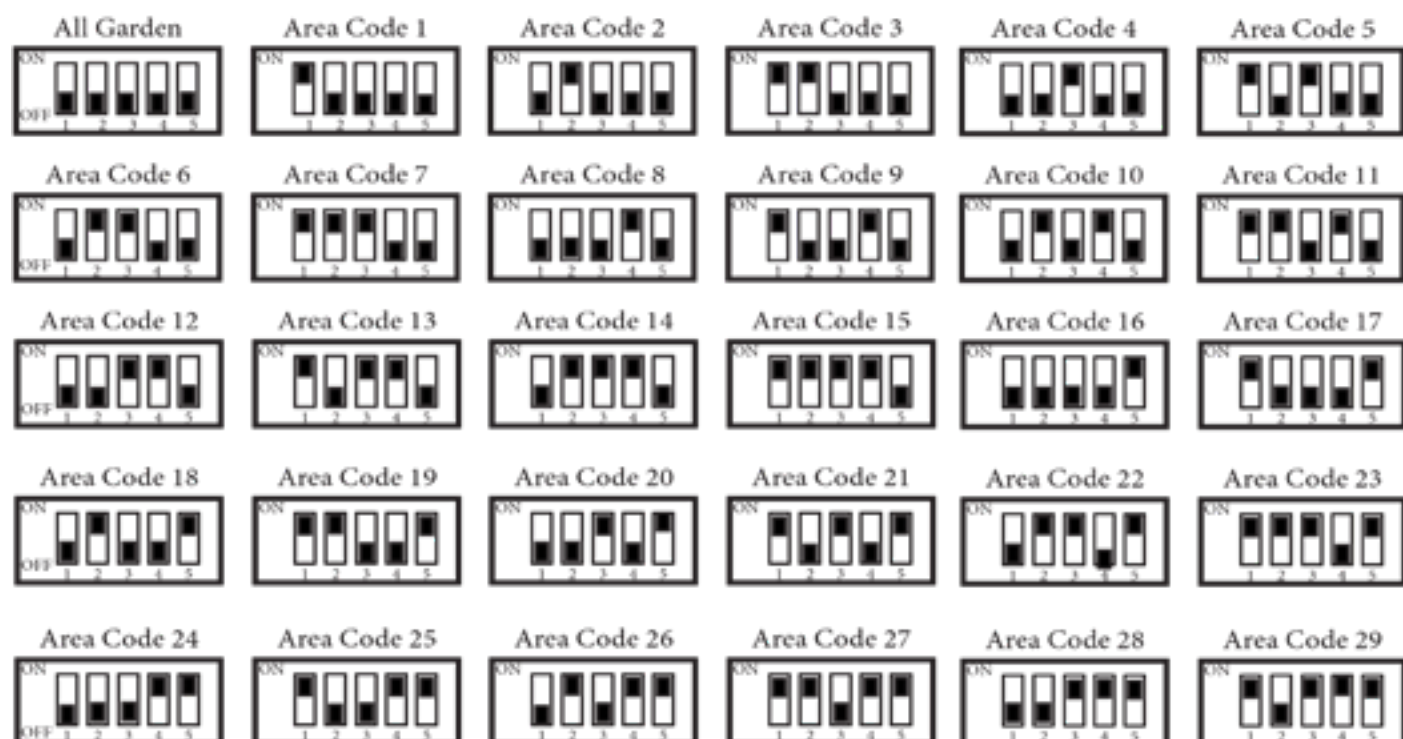
Light Symphony

Wireless PIRs

AREA (Zone) Code



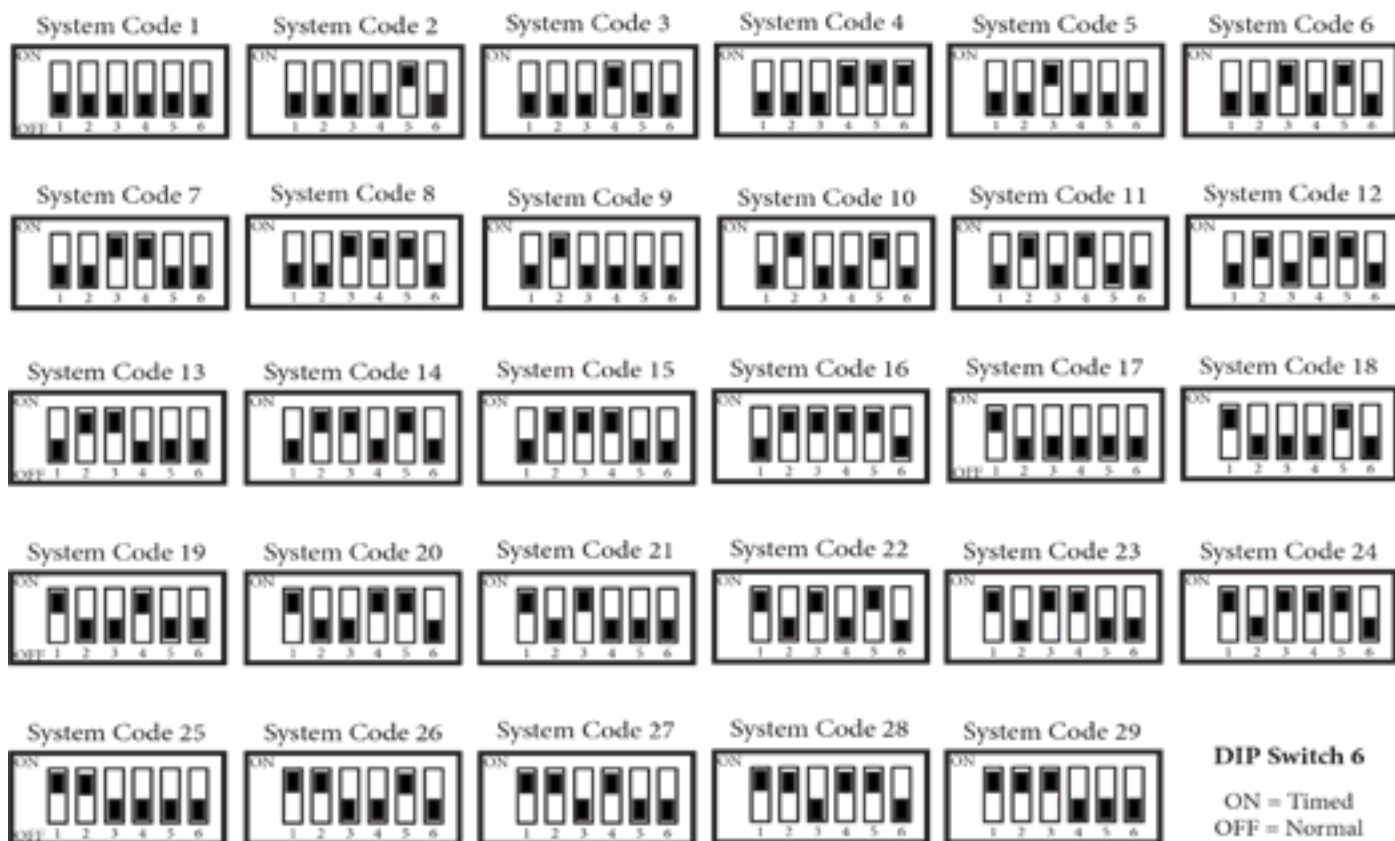
AREA (Zone) Code



Light Symphony

Wireless PIRs

SYSTEM Code



SYSTEM Code

