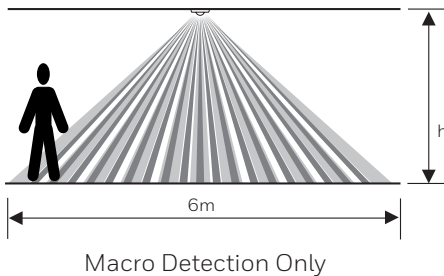# LS1000U
LIGHTSPOT SWITCHING PIR SENSORS

Innovative dual mount system requires only one sensor for either flush or surface mount applications in offices, corridors, and storage areas.

Macro Detection Only

Cone shaped detection pattern. Optimum mounting height of 2.5m, gives detection diameter of 6m

TECNICAL DATA	
TECNOLOGY	PIR
COVERAGE	360 °
DETECTION RANGE	Up to 6 metres diameter (3m radius) at mounting height of 2.5m
OPERATING VOLTAGE	110V - 240V 50/60 Hz
DELAY TIME	5 seconds to 30 minutes
LOAD RATING	10A
OPERATING TEMPERATURE	0° C - 40° C
LUX LEVEL ADJUSTMENT	5 to 1000 LUX
FACIA COLOUR	White (RAL9010)
MATERIAL	Flame retardant PC/ABS
IP RATING	Surface mount IP44 Flush mount IP44 (Sensor section only) IP20 (Ceiling board onwards)
CONFORMITY	EMC-2014/30/EU LVD-2014/35/EC RoHS-2011/65/EU
SWITCHABLE LOAD	Incandescent / Halogen 5A Flourescent lamp 5A Flourescent lamp 4A LED lamp 4A Resistive 10A

FEATURES & BENEFITS

- Reliable occupancy detection
- Integrated daylight sensing
- Detection range of up to 6m diameter at 25°C at 2.5m mounting height
- Ability to wire more than one sensor in parallel to a load Ability to switch volt free loads.

- Mounting height: recommended ceiling mount 1.8m to 3m
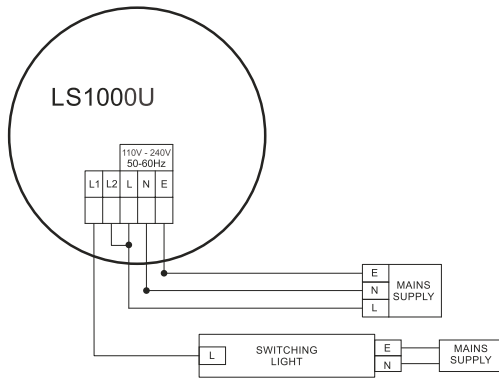- Designed to operate on 110V and 230V supply

- Simplified installation
- Manual override operation
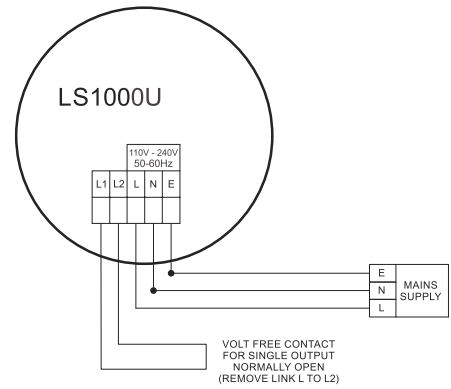- Surface mount, can be fixed direct to the ceiling or on to a circular conduit or BESA box

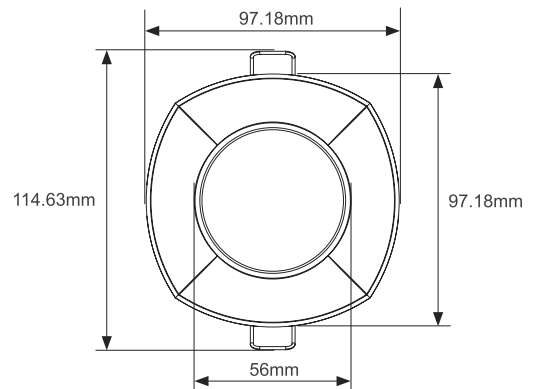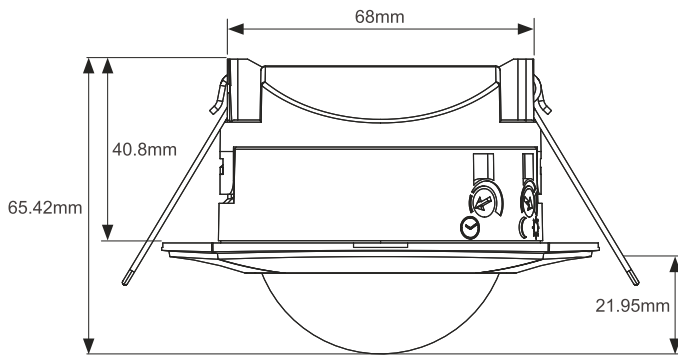- Quick, easy commissioning with simple local controls for time delay and lux level adjustment

Honeywell
LIGHTING CONTROLS

Wiring

Option 1

LS1000U

110V - 240V
50-60Hz

| L1 | L2 | L | N | E |

E
N
L
MAINS SUPPLY

L
SWITCHING LIGHT

E
N
MAINS SUPPLY

Option 2

LS1000U

110V - 240V
50-60Hz

| L1 | L2 | L | N | E |

E
N
L
MAINS SUPPLY

VOLT FREE CONTACT
FOR SINGLE OUTPUT
NORMALLY OPEN
(REMOVE LINK L TO L2)

Flush Mount

(Hole size 75mm to 80mm)

68mm
40.8mm
65.42mm
21.95mm

97.18mm
114.63mm
97.18mm
56mm

Surface Mount

44.45mm
66.72mm
2.4°
4.17mm
17.92mm
22.27mm
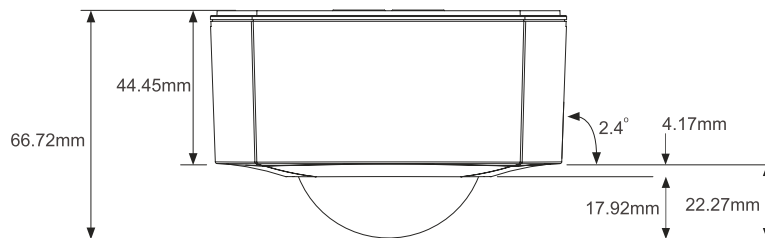
ORDER CODES	
LS1000U	Dual Mount PIR Sensor - White
LS1000U-BLK	Dual Mount PIR Sensor - Black

Honeywell
LIGHTING CONTROLS