



Save up to 70% on your lighting energy usage

# LightSpot HD QuickLink Daylight Sensors

A range of high performance daylight sensors using precise photocell technology to control lighting levels for digital and analogue dimming.

## Features and benefits

- High Performance sensing of natural and artificial light contributions
- Intelligent control prevents nuisance switching from 'passing cloud' type events
- Light levels can be shared among sensors
- Quick, easy commissioning with wireless programming tools
- Simplified installation
- Flush and surface mount options



## Applications

- Commercial Offices
- Education
- Healthcare
- Hospitality
- Industrial

## Technical Data

Technology	Integrated Digital Photosensor
Operating Voltage	<b>QuickLink Daylight Sensor master</b> 230V +/- 15% 50/60 Hz Recommended Circuit Protection 16A MCB
	<b>QuickLink Daylight Bus sensor</b> Min 7.5V Nominal 15V Max 17.5V
Current	<b>QuickLink Daylight Bus sensor</b> Max 12mA
Power Consumption	Load On 500mW Load Off 150mW
Load Rating	Switching - 10A (Max Inrush Current 80A) Dimming - 15 Ballasts
Operating Temperature	0° C to 45° C
Storage Temperature	-20° C to 80° C
Humidity	20% to 80% non-condensing
Fascia Colour	White (RAL9010)
Weight	140g
Material	Flame retardant PC/ABS
IP Rating	IP4x
Conformity	EMC-2004/108/EC LVD - 2006/95/EC RoHS-2011/65/EU

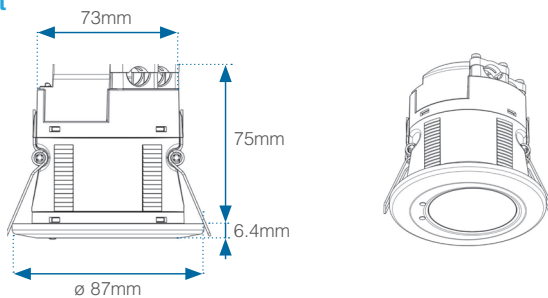
## Products

	Flush Mount	Surface Mount	Mains Powered	Bus Powered	Switching	Digital Dimming	Analogue Dimming	QuickLink
LS3340DF	•		•		•	•		•
LS3340DSM		•	•		•	•		•
LS3340AF	•		•		•		•	•
LS3340ASM		•	•		•		•	•
LS3360F	•			•				•
LS3360SM		•		•				•

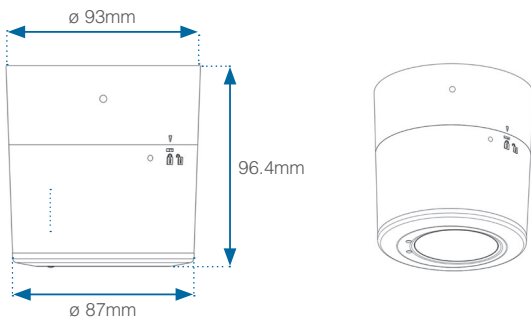
## Key Programmable Parameters

	LS3340D	LS3340A	LS3360	Defaults
Photocell Operation	Enabled/ Disabled	Enabled/ Disabled	Enabled/ Disabled	Enabled
Photocell Mode	Passive/ Active/None	Passive/ Active/None	Passive/ Active/None	Passive
Photocell Turn ON Level	100 – 1000 Lux	100 – 1000 Lux		200 Lux
Photocell Turn OFF Level	100 – 1000 Lux	100 – 1000 Lux		800 Lux
Bright-out level	125%-195%	125%-195%	125%-195%	125%
Fade to Off	Instant/Fast/ Medium/Slow	Instant/Fast/ Medium/Slow		Medium
Indicator LEDs	Enabled/ Disabled	Enabled/ Disabled	Enabled/ Disabled	Disable

## Flush Mount



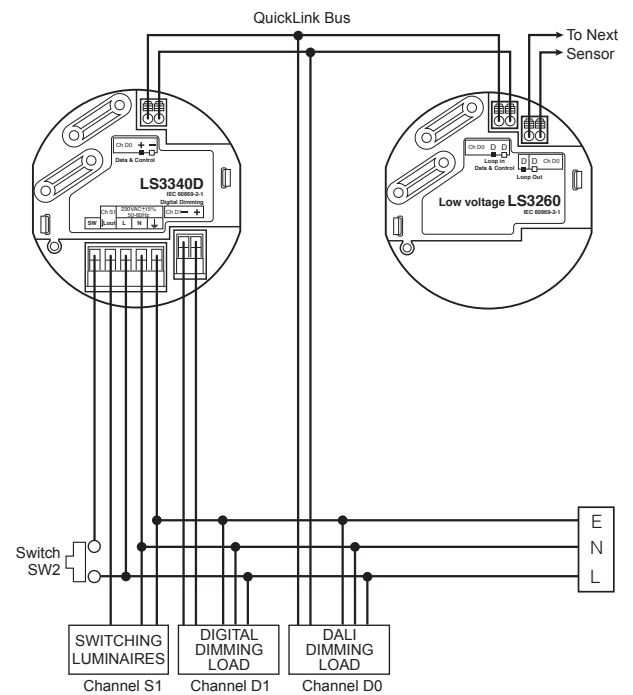
## Surface Mount



## LightSpot HD QuickLink Daylight Sensors

LS3340DF	LightSpot HD Photocell Digital Dimming QuickLink Master Sensor Flush Mount
LS3340DSM	LightSpot HD Photocell Digital Dimming QuickLink Master Sensor Surface Mount
LS3340AF	LightSpot HD Photocell Analogue Dimming QuickLink Master Sensor Flush Mount
LS3340ASM	LightSpot HD Photocell Analogue Dimming QuickLink Master Sensor Surface Mount
LS3360F	LightSpot HD Photocell QuickLink Low Voltage Bus Connection Sensor Flush Mount
LS3360SM	LightSpot HD Photocell QuickLink Low Voltage Bus Connection Sensor Surface Mount

## Connection Diagrams



## Photocell operation

Passive mode - The photocell will inhibit turn-on of the controlled load if sufficient natural light is available. It will not turn the load off whilst an area is occupied

Active mode - The photocell will turn the controlled load on and off as required whilst natural light levels fluctuate during a period of occupancy.

## QuickLink operation

The QuickLink feature enables creation of small yet powerful networks of up to 4 sensors allowing easy extension of the detection area. Light levels can be shared between the sensors over the QuickLink bus.



## LightSpot HD Tools

QuickControl	LightSpot HD Infrared User Controller
QuickSet	LightSpot HD Infrared Programming Tool
QuickSet Pro	LightSpot HD Digital 2 Way Programming Tool

## LightSpot HD Accessories

SURFMT	LightSpot HD Surface Mount Kit
LOCKRING	LightSpot HD Secure Flush Mount Adaptor