LightSpot HD – Making light work.

Making light work.

Since 1922

For ninety years, our customers have been finding inspiration in our bright ideas for electronic components.

We're acknowledged leaders in developing elegant and innovative lighting control systems that are easy to install and maintain. Our solutions help our customers to reduce their energy bills, lower their carbon footprints, and improve performance.

There was a time when lighting was just about illumination. Today it's still about creating a comfortable working environment, but not at any cost.

Our range of new generation lighting controls switch lights off when no-one's there, and dim or switch them off when there's enough natural light. So they help you save on your energy costs – sometimes as much as 70%, year after year.

The PEHA Promise

- **Making light work of energy savings**
  Our high performance lighting controls deliver reductions of up to 70% in energy use. This means significant savings on energy bills at a time where energy costs are rising rapidly.
- **Making light work for comfort and productivity**
  The breadth of our portfolio and our know-how helps you achieve optimum energy saving in any space, whilst enhancing the comfort and productivity for the buildings users.
- **Making light work with ease**
  At PEHA we pride ourselves on being easy to do business with, from your initial contact with our sales and customer service teams to the installation, commissioning and use of our products. We aim to delight you with our solutions, service and support.
- **Making light work with quality**
  PEHA has been developing high quality lighting control systems since 1922. Our unrivalled expertise has delivered some of the industry's most innovative solutions. PEHA's excellence in design and manufacturing provides robust and reliable products which are backed up with a two year warranty.

Scan for virtual tour:

Contents

PEHA
by Honeywell

Why you need a lighting control system?

Today, nearly every organisation is trying to reduce its energy costs. A lighting control system helps you maximise energy efficiency, and enhance comfort and productivity.

Lighting needs to be flexible – it needs to react to what's happening in the building. When there's no one around it might not be needed at all – and you can't always rely on people switching the lights off.

Spaces are flexible too. For example you might have a conference room that doubles as a ballroom, with pre-set lighting configurations. Or a large office with frequent layout changes.

And because it helps you to be more environmentally friendly, it's easier to comply with energy legislation and building regulations – such as EnEV 2014 and DIN V 18599 – and to be a green citizen.

A lighting control system helps you save energy, and save money:

- **19% of a building's energy use is lighting** – lighting controls can help you cut that by up to 70%.
- **Room sensors are a worthwhile investment** – they can yield a payback in less than one year.

The benefits of our lighting controls:

Our lighting controls form part of Honeywell's energy efficiency portfolio of products for high quality building equipment.

Honeywell's range of products is designed to work together – so you can have confidence when you use lighting, HVAC and other Honeywell products and systems. For example, sensors that control lighting can also help to manage air conditioning and heating systems when linked to a building management system.

Lighting is the second largest consumer of energy in a building. Our solutions maximise the efficiency of lighting systems, without compromising the comfort and performance of the space, or the broader ecosystem of a building.

So, when you're thinking about ways to increase the energy efficiency of a building, it's important to consider the controls you'll need to put in place to make it all work together.

If your policy is to enhance the energy efficiency of buildings, one essential step involves the effective integration of each component.
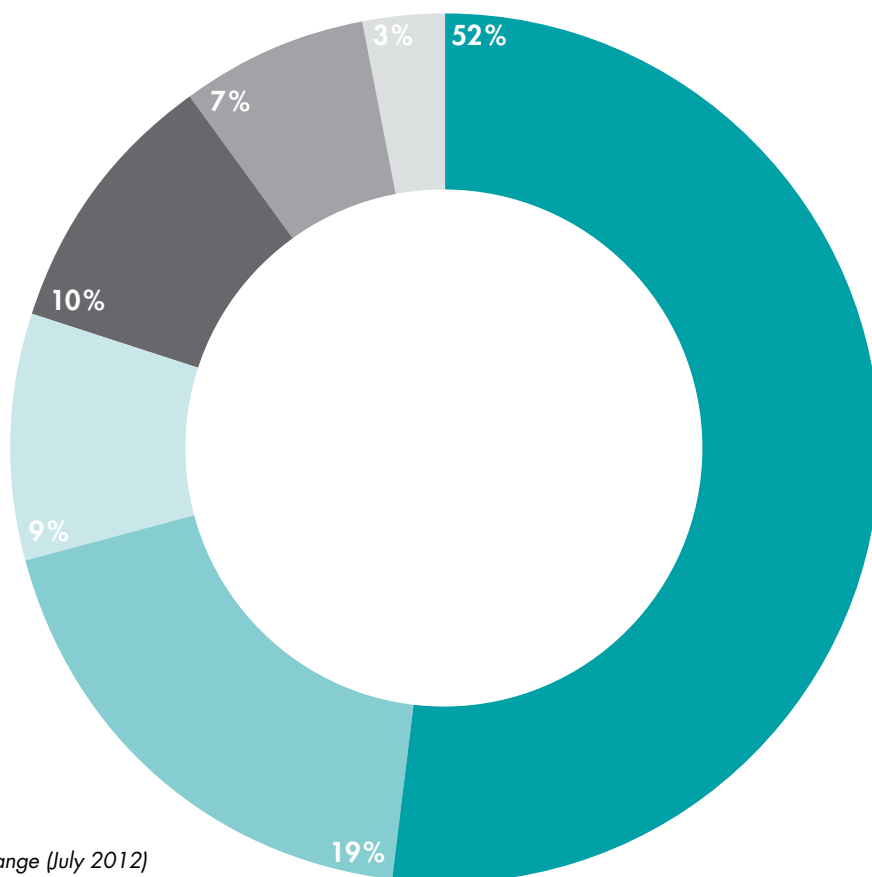
PEHA's lighting controls, combined with LED lighting, can offer the greatest potential energy savings for your lighting – up to 90% in some applications* (compared with T8 with low loss ballast).

How your building uses energy
And how Honeywell companies can help you use less.*/**

Key
- Heating, ventilation and cooling
- Lighting
- Hot water
- Catering
- Other
- Computing

*Sum of all energy forms
**Source: Department of Energy and climate change (July 2012)

52%
3%
7%
10%
9%
19%

PEHA
by Honeywell

Introducing LightSpot HD.

Making light work of energy savings

Our high performance lighting controls deliver reductions of up to 70% in energy use. At a time where energy costs are rising rapidly, this means significant savings on energy bills.

Making light work for comfort and productivity

We understand the changing requirements for lighting control across a broad range of applications. Our know-how helps us deliver optimum energy saving without compromising the comfort and performance of the space. Innovations like micro and macro detection technology ensure that the optimal light level is always available – but only when it is needed.

Making light work with ease

LightSpot HD is easy to install, easy to commission and easy to use. It's flexible and meets the changing requirements of a building throughout its life. Features like QuickLink and lens tilting offer greater levels of control and enable lighting profiles to be adapted with ease.

Making light work with quality

LightSpot HD, like all PEHA products, is the last word in quality. High performance optics, high inrush relays which have been life-tested and features like the 'Twist-2-Lock' ring all combine to provide a high quality experience for the installer and user, backed by the PEHA two year warranty.

Tilting Lens

Increased range
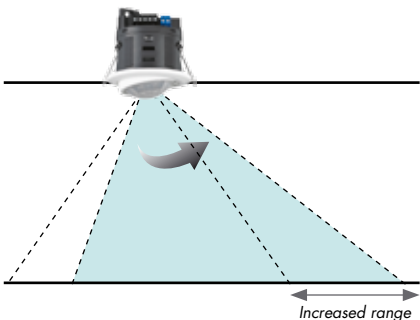
Tilting Lens	
Type	*Radius extension at full tilt*
Office	Up to 60%
Mid-Bay	Up to 40%
Hi-Bay	Up to 40%

How LightSpot HD makes light work of energy savings:

Sensitivity enables shorter time delay

High definition lenses, performance optics and software work together to provide class leading sensitivity, which delivers precise occupancy detection. Shorter time delays can be set as even very small movements are detected, delivering greater energy savings. Sensitivity adjustment allows fine tuning to meet exact lighting requirements.

High accuracy lens masks and lens tilting

Fully customisable lens masks allow for highly defined detection areas. Virtual corridors can be easily created, so that passing traffic doesn't unnecessarily trigger presence detectors. Many LightSpot HD presence detectors offer lens tilting for installation and commissioning flexibility. The detection zone can be adjusted to accommodate flexible installation locations, and our unique antitamper 'Twist-2-Lock' feature locks the detection area in position.

Low quiescent power

LightSpot HD delivers industry leading low levels of quiescent power consumption of about 150 mW, helping you achieve the highest possible energy savings. Only LightSpot HD offers all these benefits in one range.
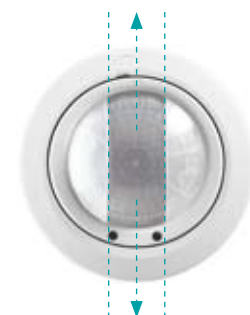
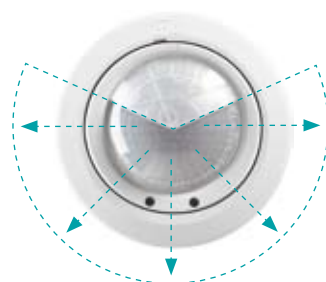**High Precision Lens Masking**
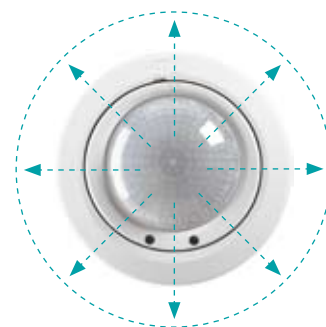
Standard lens (without mask)
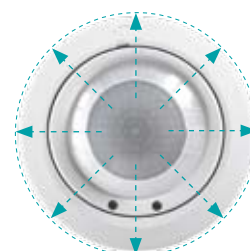
Masking to remove Macro Detection Zone

Masking to create a virtual corridor

Masking to block off one corner of a room

PEHA
by Honeywell

How LightSpot HD makes light work for comfort and productivity:

Innovative detection technologies

The micro detection zone is setting new sensitivity standards in its class, registering the brief, simple finger movements on a keypad or telephone. On the other hand, the macro detection zone around the edge registers only general movements. The result is absolute reliability: light is switched on only where it is needed. Guaranteed. When installed at a typical height of 2.5 m PEHA LightSpot HD presence detectors deliver a highly sensitive micro detection diameter of 7 m within a 10 m macro detection diameter.

Macro detection

Micro detection

Micro and Macro detection zones

2.5 m

7 m **Micro**

Macro

10 m

Macro
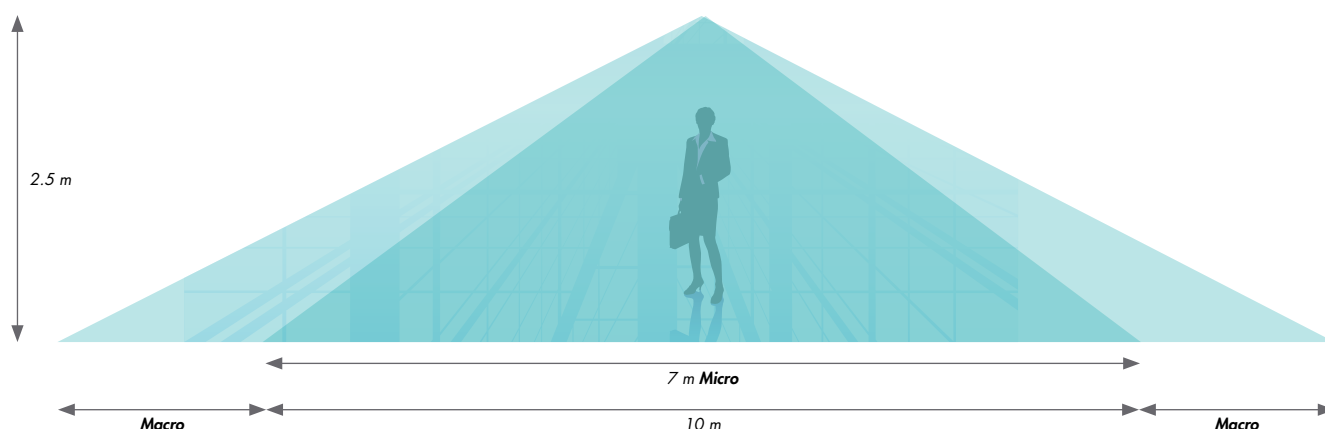
Control

Using the simple yet powerful infra-red handheld QuickControl the user can easily set the optimum light level for the current task. Functions include: simple on and off, dim brighter/darker and scene recall.

QuickControl in Cradle

High Definition Lenses optimised for different mounting heights

Standard Lens optimised for 2.5 m mounting height
Aspect Ratio
Micro Detection Zone 2.8:1
Macro Detection Zone 4:1

Mid-Bay Lens optimised for 8–12 m mounting height
Aspect Ratio 2:1

Hi-Bay Lens optimised for 12–16 m mounting height
Aspect Ratio 1.9:1

by Honeywell

How LightSpot HD makes light work with ease:

Easy to install

Thoughtful design makes LightSpot HD systems simple to install.

Pluggable, colour coded connectors make it easy to see what goes where and helps to cut down on errors. Locking rings and spring clips give you complete installation flexibility. Spring clips are ideal for plasterboard ceilings while locking rings are great for ceiling tiles – they don't damage the tiles and make maintenance simple too.

Tilting optics and precision lens masks let you create the sensing zone exactly where you need it.

Locking Ring Mounting Option

Spring Clip Mounting Option

Colour Coded Connectors

Surface mounting

Easy to commission and maintain

Commissioning is simplicity itself. A hand-held infrared programmer means you can tell each sensor exactly what you want it to do.

Check the settings, and download the stored data. Now make your modifications, and upload the new data.

Set parameters using on-screen scroll-down menus

Upload settings to sensor – the luminaire blinks to confirm

Download ideal settings from one sensor

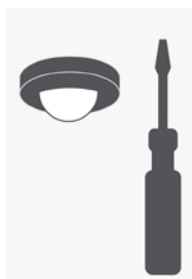*'Paste' to other sensor*

Download existing settings

Change just those settings required using the on-screen menu

Upload new settings to presence detector

Install new presence detector and wire it up

Using QuickSet Pro, choose new settings or simply 'copy and paste'as shown above

Upload new settings to sensor

Remark:
The data record can be saved and sent by email!

Just point and programme
You don't need to climb any ladders or pore over a long programming guide. The intuitive on-screen guide will take you through the whole process.

Time saving copy and paste
Want to repeat the same settings on a number of sensorss? Simple, just 'copy and paste' from one sensor to any other sensor. You can commission whole areas in just a few minutes.

Change your settings later
It couldn't be easier. Just download the settings from your sensor, make the changes you want and upload the new settings. You can then 'copy and paste' these settings to other sensors.

Add new sensors
Extending a building? Converting an office? Whatever changes you're making, it's easy to connect another sensor to the system. Once it's wired up, just upload the settings and you're done.

PEHA
by Honeywell

How LightSpot HD makes light work with ease:

Easy to use

LightSpot HD delivers class-leading sensitivity with macro and micro detection. This ensures that lights deliver optimal luminance when required and are switched off when they are not. Users can take charge of their lights with the QuickControl hand held unit, while facility managers can quickly verify energy savings with the QuickAnalytics feature of QuickSet Pro.

Products with ultra-low quiescent power consumption ensure that energy savings are maximised even in standby mode.

QuickSet Pro

How LightSpot HD makes light work with ease:

Easy to flex

Spaces within buildings are changing constantly and LightSpot HD provides the needed flexibility. QuickLink allows up to three additional sensors to be added with just two wired, low voltage connections.

Tilting lenses enable the precise area of sensing to be adjusted as required. Adjustments to sensitivity and parameters such as off-time delays and daylight sensing can be made easily using the QuickSet and Quick-Set Pro tools.

Only LightSpot HD offers all this in one range.

QuickLink delivers flexibility

QuickLink is a unique intelligent solution that lets you easily create a simple small network of up to four sensors. Each presence detector can act independently or as an integral part of the network. Bus sensors are linked with just two low voltage connections.

QuickLink networks improve the intelligence of your system as the data on occupancy and light levels can be shared across the sensors. Applications include corridor linking, ensuring you'll always walk into an appropriately lit corridor.

QuickLink Tilting Sensor

QuickLink Master presence detectors can be connected to up to three QuickLink Bus presence detectors

QuickLink Master *QuickLink BUS* *QuickLink BUS* *QuickLink BUS*
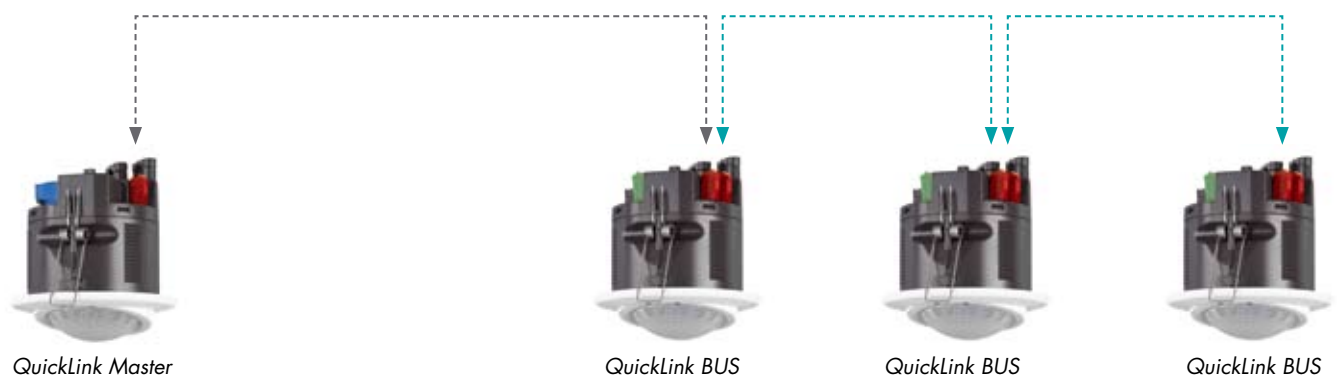
How LightSpot HD makes light work with quality:

LightSpot HD is the latest in a long line of innovative developments from PEHA spanning an over 90 year history of manufacturing and selling lighting control solutions.

Designed in the UK and manufactured in Honeywell factories to the most rigorous quality processes, such as 100% factory line testing, you can be confident that LightSpot HD will continue delivering energy savings for many years after it has been installed.

The high performance optics with macro and micro detection designed to avoid building occupants being left in the dark combined with the latest algorithms in detection and analysis mean that once installed, the LightSpot HD solution continues to save energy unobtrusively whilst delivering unrivalled comfort.

High quality production, stringent testing, high performance subcomponent selection and designed in quality all enable PEHA to offer a two year warranty on the whole LightSpot HD range.
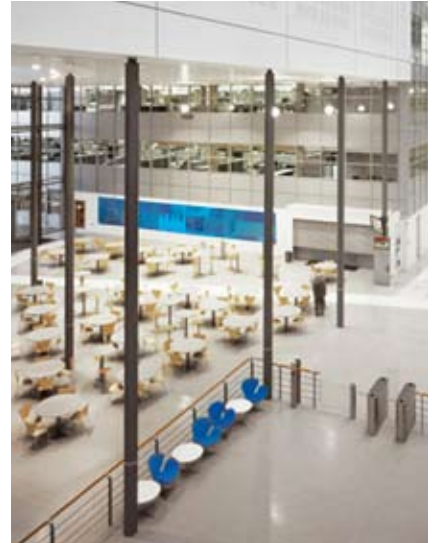
'Twist-2-Lock' protects settings

'Twist-2-Lock'

There are many instances where the positioning of the detector head could change during the life of an installation, either through tampering, the vibration of traffic, or people walking on the floor above. With the unique 'Twist-2-Lock' feature this will never happen as the sensor head position is locked into place with a positive twist of the bezel.

Manufacturing Excellence

All LightSpot HD products are manufactured in the UK on state-of-the-art production lines to a Six Sigma process. Every single LightSpot HD product is individually tested at the end of the production line before being packaged and dispatched.

PEHA
by Honeywell

How LightSpot HD is making light work in Offices:

LightSpot HD sensors provide comfort and safety for a productive working environment, and drive significant energy efficiencies.

LightSpot HD benefits for offices include:

- **Precise lens masking and lens tilting** – lets you create detection zones so that people walking through 'corridors' in an open plan office won't falsely trigger lights.
- **QuickLink sensors** – are great when you change an office layout, simply add a few sensors to easily control the lights in a newly enlarged room.
- **Micro detection zones** – precisely detect small movements and ensure the lights stay on even during sedentary tasks such as working at a computer.

The comprehensive LightSpot HD range includes DALI, DSI and 1–10V analogue dimming as well as switching controls. All sensors feature built in photocells. These regulate to user defined lux levels to ensure a constant light level is maintained.
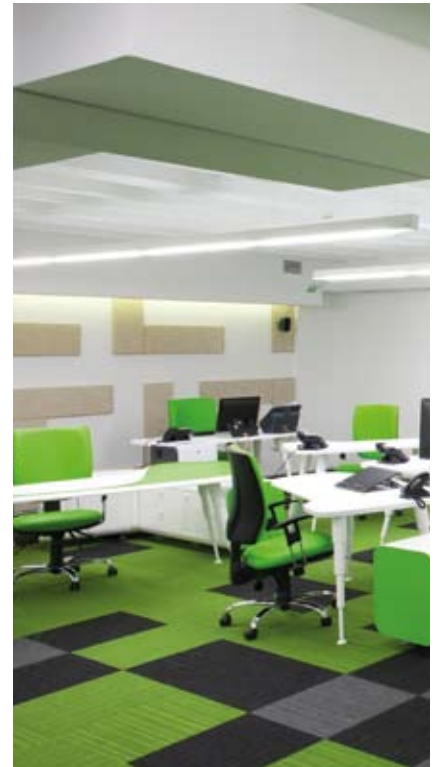
How LightSpot HD is making light work in Education:

Getting the light just right in a classroom environment is essential. Even a fraction too bright, or too dim, means that some people could struggle to read important information.

Multiple sensing technologies connected by LightSpot HD Quick-Link network is a simple and cost effective way to control classroom lighting.

You can set the light level by Lux value, optimising natural daylight without compromising comfort. You can also employ sensors with photocells to dim lights near to windows and above projector screens, while maintaining brighter lights above student desks.

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How LightSpot HD is making light work in Warehouses:

Large open warehouses with high ceilings mean high energy costs. PEHA's LightSpot HD range includes sensors that are optimised for peak performance in these spaces.

Using high definition optics, precise masking, and user defined daylight linking, they save energy by ensuring lights are never left burning needlessly in vacant areas or where there's already enough natural light.

The range covers mounting heights from 2.5–16 m in recessed and surface mounts, every eventuality in the space is catered for.

The Mid-Bay LightSpot HD presence detector is engineered to deliver optimum presence detection for areas with a mounting height of 8–12 m. The Hi-Bay LightSpot HD presence detector is suited to mounting heights of 12–16 m.

Standard mount

2.5 m

7 m **Micro**

Macro 10 m **Macro**

Mid-Bay

10 m

20 m

Hi-Bay

14 m

27 m
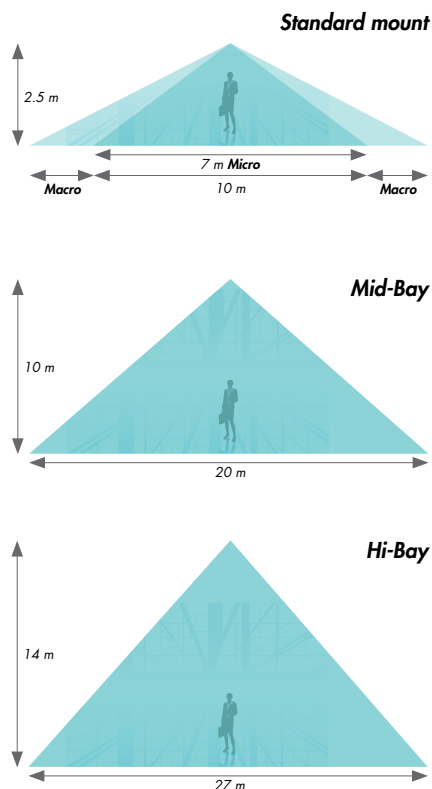
How LightSpot HD is making light work in Healthcare:

Hospital power supplies are either essential (uninterruptible) and non-essential (may fail in a power outage).

Using QuickLink, our intelligent solution for small lighting networks, you can create a system that controls both essential and non-essential lighting.

For example, the luminaires in a ward, might be on essential and non essential supplies. A Master sensor may control lighting loads connected to the essential supply while a Bus sensor, installed with just two low voltage connections, provides synchronized control of non-essential lighting.

This means that lighting isn't compromised if there's a power interruption, and you still enjoy the energy savings benefits of LightSpot HD.

PEHA
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LightSpot HD –
Switching PIR Sensors

A range of high performance sensors for dependable switching of lighting loads.

Features and benefits

High definition lenses, performance optics and software are all optimised to provide class leading sensitivity and occupancy detection ensuring that the lights are always on when required.

All LightSpot HD presence detectors include an integral adjustable active photocell which will hold the lights off in occupied areas or switch them off at a given light level.

LightSpot HD standard sensors deliver a highly sensitive micro detection diameter of 7 m within a 10 m macro detection diameter (when installed at a mounting height of 2.5 m).

LightSpot HD sensors are optimised for a range of mounting heights up to 16 m.

Features like colour coded connectors make LightSpot HD presence detectors easy to install, and flexibility is enhanced with both spring clip and locking ring mounting options.

Technical data	
Technology	PIR
Detection range	
Standard mount	10 m Macro/7 m Micro at 2.5 m mounting height
Mid-Bay	20 m at 10 m mounting height
Hi-Bay	27 m at 14 m mounting height
Switching capacity	10 A (tungsten 6 A); EB: 4 x (80 A transient surge current)
Photocell range of the brightness sensor (lux)	Adjustable 10 to 1000 Lux via QuickSet Pro
Delay time range	Adjustable 10 seconds to unlimited via QuickSet Pro
IP rating	IP4X (LS3200RIPF = IP 55)
Supply voltage	Mains 230 V
Operating temperature range	0–40 °C

LightSpot HD – Dimming PIR Sensors

A range of high performance PIR sensor for dependable control of analogue and digital dimming lighting loads.

Features and benefits

High definition lenses, performance optics and software are all optimised to provide class leading sensitivity and occupancy detection ensuring that the lights are always on when required.

LightSpot HD sensors include integral photocells which will hold the lights off in occupied areas or switch them off at a given light level. Regulating photocells enable a constant light level to be maintained through analogue or digital dimming.

LightSpot HD standard sensors deliver a highly sensitive micro detection diameter of 7 m within a 10 m macro detection diameter (when installed at a mounting height of 2.5 m).

LightSpot HD sensors are optimised for a range of mounting heights up to 16 m.

Automatic detection of DALI and DSI digital ballasts reduces commissioning time and minimizes errors in commissioning.

Technical data	
Technology	PIR
Detection range	
Standard mount	10 m Macro/7 m Micro at 2.5 m mounting heigh
Mid-Bay	20 m at 10 m mounting height
Hi-Bay	27 m at 14 m mounting height
Switching capacity	10 A (tungsten 6 A); EB: 4 x (80 A transient surge current)
Digital interfaces	DALI or DSI (auto detect)
Analogue interfaces	1–10 V
Photocell range of the brightness sensor (lux)	Adjustable 10 to 1000 Lux via QuickSet Pror
Delay time range	Adjustable 10 seconds to unlimited via QuickSet Pro
IP rating	IP4X
Supply voltage	Mains 230 V
Operating temperature range	0–40 °C

PEHA
by Honeywell

LightSpot HD – QuickLink PIR Sensors

QuickLink is a unique intelligent solution which allows the easy creation of a simple, small network of up to four sensors. Each sensor can act independently or as an integral part of the network.

Features and benefits
QuickLink networks improve the intelligence of the system as the data on occupancy and light levels can be shared amongst the sensors. Applications include corridor linking, ensuring you will always walk into an appropriately lit corridor.
QuickLink allows up to three additional sensors to be added with just two low voltage connections.
The QuickLink Master sensor can also be used to regulate the lighting in two separate areas – just as it is needed.

Tilting lenses enable the precise area of sensing to be adjusted as required. This means you can recover from an incorrect installation location or as the buildings use changes, you can adjust the detection footprint.
LightSpot HD QuickLink Master sensors deliver industry leading low levels of quiescent power consumption, ensuring that the highest possible energy savings are achieved.
High definition lenses, performance optics and software are all optimised to provide class leading sensitivity and occupancy detection, ensuring that the lights are always on when required.
QuickAnalytics provides verification of energy savings using QuickSet Pro.

Technical data	
Technology	PIR
Detection range	
Standard mount	10 m Macro/7 m Micro at 2.5 m mounting heigh
Mid-Bay	20 m at 10 m mounting height
Hi-Bay	27 m at 14 m mounting height
Switching capacity	10 A (tungsten 6 A); EB: 4 x (80 A transient surge current)
Digital interfaces	DALI or DSI (auto detect)
Analogue interfaces	1–10 V
Photocell range of the brightness sensor (lux)	Adjustable 10 to 1000 Lux via QuickSet Pro
Delay time range	Adjustable 10 seconds to unlimited via QuickSet Pro
IP rating	IP4X
Supply voltage	Mains 230 V (BUS sensors ≤ 24 V)
Operating temperature rate	0–40 °C
QuickLink	Up to 4 sensors (max. 2 masters)

LightSpot HD –
Quicklink Daylight Sensors

A range of high performance daylight sensors using precise photocell technology to switch off and maintain lighting levels using digital and analogue dimming.

Features and benefits
Enhanced Photocell technology is ideal for any environment where lights would be left on unnecessarily when there is sufficient daylight. LightSpot HD Daylight Sensors observe the controlled space, not just daylight, and take account of all light contributions including artificial.

The passing cloud timer prevents unwanted switching of lights when light levels fluctuate rapidly.
LightSpot HD Daylight Sensors provide advanced features and more powerful operational parameters than normal integrated photocells making them ideal for high specification installations.
The QuickLink feature allows you to create a small yet powerful Network of up to 4 sensors allowing easy extension of the detection area.

Technical data	
Technology	Photocell
Mounting height	Up to 12 m
Digital interfaces	DALI or DSI (auto detect)
Analogue interfaces	1–10 V
Photocell range of the brightness sensor (lux)	Adjustable 10 to 1000 Lux via QuickSet Pro
Delay time range	Adjustable 10 seconds to unlimited via QuickSet Pro
IP rating	IP4X
Supply voltage	Mains 230 V (BUS sensors ≤ 24 V)
Operating temperature range	0–40 °C
QuickLink	Up to 4 sensors (max. 2 masters)

PEHA
by Honeywell

QuickSet Pro

QuickSet Pro is our hand-held commissioning device. With QuickSet Pro it's fast and easy to commission your system, make changes to the settings and add new devices.

- **Large, high resolution backlit screen:** Means it's usable even in poor lighting conditions.
- **Auto software update:** When it's connected to your computer.
- **Hold and store data:** So you have a permanent record of your settings.
- **Pre-commission** prior to visiting site.
- **Fully backwards compatible** with all PEHA PLS products.
- **Helps you verify your energy savings** with QuickAnalytics.
- **Long battery life,** typically up to 160 hours normal operation.
- **Integral carry strap** prevents accidental damage.

QuickSet Pro

LightSpot accessories

QuickSet

QuickSet is an infra-red program-ming controller specially designed for LightSpot HD. It features:
• Four time delay settings – 5, 10, 20 and 40 minutes.
• Presence and Absence detection mode.
• Enable/disable photocell.
• Walk test feature.
• Set regulating light level – when used in conjunction with a suitable Lux meter.

QuickSet

QuickControl

For carrying out simple day-to-day actions on your LightSpot HD system, QuickControl is ideal:
• On/off override.
• Light level adjustment.
• Set and Recall six lighting scenes.
• Supplied with wall bracket.

QuickControl

PEHA
by Honeywell

Sustainability and Corporate Social Responsibility.

At PEHA we don't just preach corporate social responsibility, we live it.

As part of the Honeywell group, our commitment to sustainability extends to our customers through the development of products that help them address key challenges, including energy efficiency.

Our sustainability objectives for the future

Before the end of 2012, we had managed to reduce our greenhouse gas emissions by 30% and cut our special waste per dollar transaction by more than 15%. As a result, Honeywell was officially recognised as one of the World's Most Ethical Companies in 2012.

This performance is being continued on all fronts, and we exceed this time and time again. Only so can we achieve the targets we have set ourselves as one of the leading technology groups.

2012 **WORLD'S MOST ETHICAL COMPANIES**
WWW.ETHISPHERE.COM

Making light work for you!

Ready to learn more about making light work for your organisation?

Our dedicated team on the road is ready to visit your premises, conduct a comprehensive energy audit, interpret your specification and create a full design scheme to be integrated with your building's electrical system. We'll also support you through the installation and commissioning process.

Call us today on +49 (0)2351 185-0 or visit our website for more information *www.peha.de*

PEHA
by Honeywell

How we can help you:

A professional and technically qualified sales team

- Comprehensive field service always close at hand.
- Solutions for specific project and customer requirements.
- Help with designing new building projects.
- Site visits and advice during building renovation projects.

A professional and technically qualified support team

- Commissioning is very simple, but we are happy to help with unresolved questions, as we want your customer to be completely satisfied.
- Telephone support.
- On-site support.

Product warranties

We're so confident about the quality of our products that we offer a two year warranty on our LightSpot HD and MLS Sensors, CONNECT and digital CONNECT Modules, as well as MLS Systems.

Product Selector

LightSpot HD Switching Sensors	
D LS3100RF	LightSpot HD Switching Sensor Flush Mount with Manual Override
D LS3100RSM	LightSpot HD Switching Sensor Surface Mount with Manual Override
D LS3200RF	LightSpot HD Switching Sensor with Programmable Manual Override Flush Mount
D LS3200RSM	LightSpot HD Switching Sensor with Programmable Manual Override Surface Mount
D LS3200RIPF	LightSpot HD IP 55 Switching Sensor with Programmable Manual Override Flush Mount
D LS3243RF	LightSpot HD QuickLink Master Switching Sensor with Lens Tilting and Low Power Flush Mount
D LS3243RSM	LightSpot HD QuickLink Master Switching Sensor with Lens Tilting and Low Power Surface Mount

LightSpot HD Dimming Sensors	
D LS3000ARF	LightSpot HD 1–10 V Analogue Dimming Sensor Flush Mount
D LS3000ARSM	LightSpot HD 1–10 V Analogue Dimming Sensor Surface Mount
D LS3000DF	LightSpot HD Digital Dimming Sensor Flush Mount
D LS3000DSM	LightSpot HD Digital Dimming Sensor Surface Mount
D LS3000DRF	LightSpot HD Digital Dimming Sensor with Relay Flush Mount
D LS3000DRSM	LightSpot HD Digital Dimming Sensor with Relay Surface Mount
D LS3043ARF	LightSpot HD QuickLink Master 1–10 V Analogue Dimming Sensor with Lens Tilting and Low Power Flush Mount
D LS3043ARSM	LightSpot HD QuickLink Master 1–10 V Analogue Dimming Sensor with Lens Tilting and Low Power Surface Mount
D LS3043DRF	LightSpot HD QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power Flush Mount
D LS3043DRSM	LightSpot HD QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power Surface Mount

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

PEHA
by Honeywell

Product Selector

LightSpot HD QuickLink Sensors	
D LS3243RF	LightSpot HD QuickLink Master Switching Sensor with Lens Tilting and Low Power Flush Mount
D LS3243RSM	LightSpot HD QuickLink Master Switching Sensor with Lens Tilting and Low Power Surface Mount
D LS3043ARF	LightSpot HD QuickLink Master 1–10 V Analogue Dimming Sensor with Lens Tilting and Low Power Flush Mount
D LS3043ARSM	LightSpot HD QuickLink Master 1–10 V Analogue Dimming Sensor with Lens Tilting and Low Power Surface Mount
D LS3043DRF	LightSpot HD QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power Flush Mount
D LS3043DRSM	LightSpot HD QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power Surface Mount
D LS3260F	LightSpot HD Low Voltage QuickLink Bus Connection Sensor Flush Mount
D LS3260SM	LightSpot HD Low Voltage QuickLink Bus Connection Sensor Surface Mount
D LS3270F	LightSpot HD Low Voltage QuickLink Bus Connection Sensor with ELV Switch Inputs and VF O/P Flush Mount
D LS3270SM	LightSpot HD Low Voltage QuickLink Bus Connection Sensor with ELV Switch Inputs and VF O/P Surface Mount
D LS3283RF	LightSpot HD Switching Low Voltage QuickLink Bus Connection Sensor with ELV Switch Inputs VF O/P and Lens Tilting Flush Mount
D LS3283RSM	LightSpot HD Switching Low Voltage QuickLink Bus Connection Sensor with ELV Switch Inputs VF O/P and Lens Tilting Surface Mount

LightSpot HD Tools	
D QuickControl	LightSpot HD Infra-red User Controller
D QuickSet	LightSpot HD Infra-red Programming Tool
D QuickSet Pro	LightSpot HD digital 2 Way Programming Tool

LightSpot HD Accessories	
D SURFMT	LightSpot HD Surface Mount Kit
D RTRADP	Retrofit Adaptor for Converting Legacy LightSpot Mounting
D LOCKRING	LightSpot HD Secure Flush Mount Adaptor

LightSpot HD High Mounting Switching Sensors	
D LS3100RMBF	LightSpot HD Mid-Bay Switching Sensor with Manual Override Flush Mount
D LS3100RMBSM	LightSpot HD Mid-Bay Switching Sensor with Manual Override Surface Mount
D LS3100RHBF	LightSpot HD Hi-Bay Switching Sensor with Manual Override Flush Mount
D LS3100RHBSM	LightSpot HD Hi-Bay Switching Sensor with Manual Override Surface Mount
D LS3200RMBF	LightSpot HD Mid-Bay Switching Sensor with Programmable Manual Override Flush Mount
D LS3200RMBSM	LightSpot HD Mid-Bay Switching Sensor with Programmable Manual Override Surface Mount
D LS3200RHBF	LightSpot HD Hi-Bay Switching Sensor with Programmable Manual Override Flush Mount
D LS3200RHBSM	LightSpot HD Hi-Bay Switching Sensor with Programmable Manual Override Surface Mount
D LS3243RMBF	LightSpot HD Mid-Bay QuickLink Master Switching Sensor with Lens Tilting and Low Power Flush Mount
D LS3243RMBSM	LightSpot HD Mid-Bay QuickLink Master Switching Sensor with Lens Tilting and Low Power Surface Mount
D LS3243RHBF	LightSpot HD Hi-Bay QuickLink Master Switching Sensor with Lens Tilting and Low Power Flush Mount
D LS3243RHBSM	LightSpot HD Hi-Bay QuickLink Master Switching Sensor with Lens Tilting and Low Power Surface Mount

Product Selector

LightSpot HD High Mounting Dimming Sensors	
D LS3000ARMBF	LightSpot HD Mid-Bay 1–10 V Analogue Dimming Sensor Flush Mount
D LS3000ARMBSM	LightSpot HD Mid-Bay 1–10 V Analogue Dimming Sensor Surface Mount
D LS3000DMBF	LightSpot HD Mid-Bay Digital Dim ming Sensor Flush Mount
D LS3000DMBSM	LightSpot HD Mid-Bay Digital Dimming Sensor Surface Mount
D LS3000DRMBF	LightSpot HD Mid-Bay Digital Dimming Sensor with Relay Flush Mount
D LS3000DRMBSM	LightSpot HD Mid-Bay Digital Dimming Sensor with Relay Surface Mount
D LS3000ARHBF	LightSpot HD Hi-Bay 1–10 V Analogue Dimming Sensor Flush Mount
D LS3000ARHBSM	LightSpot HD Hi-Bay 1–10 V Analogue Dimming Sensor Surface Mount
D LS3000DHBF	LightSpot HD Hi-Bay Digital Dimming Sensor Flush Mount
D LS3000DHBSM	LightSpot HD Hi-Bay Digital Dimming Sensor Surface Mount
D LS3000DRHBF	LightSpot HD Hi-Bay Digital Dimming Sensor with Relay Flush Mount
D LS3000DRHBSM	LightSpot HD Hi-Bay Digital Dimming Sensor with Relay Surface Mount
D LS3043DRMBF	LightSpot HD Mid-Bay QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power with Relay Flush Mount
D LS3043DRMBSM	LightSpot HD Mid-Bay QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power with Relay Surface Mount
D LS3043DRHBF	LightSpot HD Hi-Bay QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power Flush Mount
D LS3043DRHBSM	LightSpot HD Hi-Bay QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power Surface Mount

LightSpot HD QuickLink High Mounting Sensors	
D LS3243RMBF	LightSpot HD Mid-Bay QuickLink Master Switching Sensor with Lens Tilting and Low Power Flush Mount
D LS3243RMBSM	LightSpot HD Mid-Bay QuickLink Master Switching Sensor with Lens Tilting and Low Power Surface Mount
D LS3243RHBF	LightSpot HD Hi-Bay QuickLink Master Switching Sensor with Lens Tilting and Low Power Flush Mount
D LS3243RHBSM	LightSpot HD Hi-Bay QuickLink Master Switching Sensor with Lens Tilting and Low Power Surface Mount
D LS3043DRMBF	LightSpot HD Mid-Bay QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power with Relay Flush Mount
D LS3043DRMBSM	LightSpot HD Mid-Bay QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power with Relay Surface Mount
D LS3043DRHBF	LightSpot HD Hi-Bay QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power with Relay Flush Mount
D LS3043DRHBSM	LightSpot HD Hi-Bay QuickLink Master Digital Dimming Sensor with Lens Tilting and Low Power with Relay Surface Mount
D LS3260HBF	LightSpot HD Hi-Bay Low Voltage QuickLink Bus Connection Sensor Flush Mount
D LS3260HBSM	LightSpot HD Hi-Bay Low Voltage QuickLink Bus Connection Sensor Surface Mount
D LS3260MBF	LightSpot HD Mid-Bay Low Voltage QuickLink Bus Connection Sensor Flush Mount
D LS3260MBSM	LightSpot HD Mid-Bay Low Voltage QuickLink Bus Connection Sensor Surface Mount
D LS3263MBF	LightSpot HD Mid-Bay Low Voltage QuickLink Bus Connection Sensor with Lens Tilting Flush Mount
D LS3263MBSM	LightSpot HD Mid-Bay Low Voltage QuickLink Bus Connection Sensor with Lens Tilting Surface Mount
D LS3263HBF	LightSpot HD Hi-Bay Low Voltage QuickLink Bus Connection Sensor with Lens Tilting Flush Mount
D LS3263HBSM	LightSpot HD Hi-Bay Low Voltage QuickLink Bus Connection Sensor with Lens Tilting Surface Mount

LightSpot HD QuickLink Daylight Sensors are photocell only,
all LightSpot HD sensors include photocell.

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