

Signify Interact for intelligent buildings

Optimize your building with smart lighting from Signify



Buildings are rapidly evolving

Modern buildings actively manage energy, comfort, and operations. Standalone systems for lighting, heating, ventilation, and security are becoming a thing of the past. Instead, smart systems that use the latest innovations in connected technology work together and exchange data to optimize performance, reduce costs, and improve occupant well-being. Smart lighting systems like Signify Interact make use of connected sensors and AI-driven analytics to generate new insights that help buildings become more responsive and efficient.

A major driver of this shift to connected systems is the European Union's Energy Performance of Buildings Directive (EPBD). The directive aims to accelerate building renovation and improve energy efficiency across Europe by promoting solutions such as automated lighting controls, building automation and control systems (BACS), energy reporting, occupancy sensing, daylight harvesting, and digital logbooks. As a result, lighting is increasingly viewed not simply as illumination, but as a source of energy savings and building intelligence.

Is your lighting ready?

The shift in the role of lighting is obvious. The question is no longer whether lighting should be connected. Rather, it's what value connected lighting can unlock. You can read all about it in this brochure.

Contents

01 Signify Interact and connected lighting 4

02 What can Interact do for you? 8

03 Introducing the Interact system and its building blocks 14

04 Interact Building Insights 20

05 Making connected lighting simple 24



01 Signify Interact and connected lighting

Your building is expected to do more than ever

Energy
How can you make your building more energy efficient?

Operations
How can you save time in running your building operations?

Compliance
How can you comply with increasing legislative pressure?

Experience
How can you make your building more attractive for your employees and visitors?

Lighting is uniquely positioned to address your challenges

Lighting is one of the few systems present in virtually every occupied space of a building

- Lighting is present wherever people work, move, meet, learn, or relax
- People need the right light to see well, perform well, and feel well



You can control lighting to maximize its impact and minimize costs over its lifetime

Maximize impact

by delivering the right light at the right time and in the right place to improve visual comfort, ambiance, and occupant experience.

Minimize costs

by reducing installation complexity, lowering energy consumption, simplifying maintenance, minimizing environmental impact, and improving building operations.

When connected, lighting becomes a source of building intelligence

By adding connectivity and intelligence, your lighting system can do much more than illuminate.

It can become a sensor-rich infrastructure and data-enabled backbone, helping you to optimize comfort, well-being, energy use, and operational efficiency throughout your building.

Challenges for building owners	How connected lighting can help
Rising energy costs	Automatically reduce unnecessary lighting through occupancy-based and daylight-responsive control
Meeting sustainability targets and reporting requirements	Monitor energy consumption and gather data to support sustainability efforts
Maximizing operational efficiency	Take advantage of centralized monitoring, scheduling, and remote management
Relieving the building maintenance burden	Offer visibility into system status, automatically generate failure reports, and share asset information such as burning hours
Supporting occupant comfort and experience	Deliver the right light at the right time in the right place and offer user control
Integrating lighting and other smart building systems	Share information with other building systems and support automation
Ensuring future-readiness	Deploy latest features and security improvements through over-the-air (OTA) updates

Interact makes connected lighting available to every building

Interact simplifies installation, lowers costs, and accelerates the adoption of connected systems

Interact combines luminaires, controls, and connectivity into one integrated solution for simplified deployment.

Wireless connectivity eliminates the need for data cables between luminaires and other system devices.





Integrated sensor



Interact creates a sensor-rich infrastructure that connects and informs building systems

Integrated sensors can combine occupancy detection and daylight harvesting within the lighting infrastructure. They continuously collect real-time data, enable automated lighting control, and support building system integration for smarter building operations and maintenance.

Interact can cover every application space

Signify offers you a wide choice

We have an extensive portfolio of Interact Ready luminaires, lamps, and supporting devices like sensors and switches.

See pages 28 through 29 for details.





interact ready





What if the perfect luminaire for your building isn't part of the Interact Ready portfolio?

There's no issue—Interact can incorporate third-party luminaires and switches into the lighting system using industry-standard interfaces.







02 What can Interact do for you?

Interact delivers value through its connected lighting capabilities

Interact combines lighting, control, sensing, software, and integration capabilities into a scalable platform that delivers value across the entire building lifecycle.

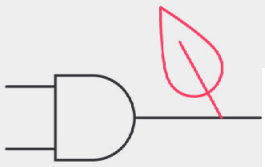
Interact benefits

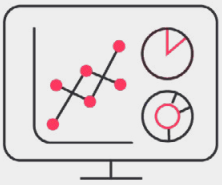
Energy efficiency and sustainability

Through occupancy sensing, daylight harvesting, and scheduling, Interact contributes to compliance with BREEAM, WELL, and other sustainability assessments and certifications, and delivers insights via energy reporting, allowing you to compare current building operations with previous periods.

Operational efficiency

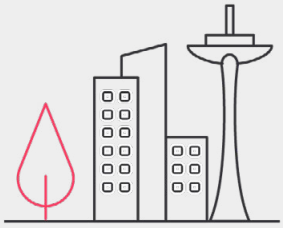
Automation, data-driven insights on lighting asset health and burning hours, preventive maintenance, and seamless integrations streamline operations to enable smarter decisions, lower operational efforts, and improve building occupancy.





Interact capabilities

- Lighting management
- Scene and experience management
- Energy optimization
- Lighting asset management
- Commissioning and deployment
- Integration and interoperability
- Secure connectivity and data management





Future-readiness

Built to evolve, Interact combines scalability, openness, security, cloud connectivity, and continuous innovation, helping buildings adapt to future technologies, regulations, and occupant expectations.

Comfort and experience

Adaptive lighting creates human-centric spaces that improve comfort, well-being, ambiance, and productivity, delivering better experiences for occupants throughout the day.

Interact capabilities



Lighting management

Improve comfort, efficiency, and sustainability with centralized lighting control and automation.

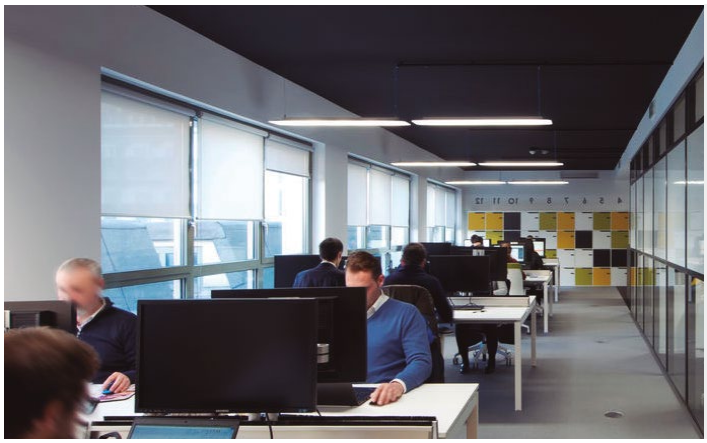
- Distributed lighting control
- Scheduling
- Remote management



Scene and experience management

Create schedules, adapt lighting scenes to improve and enhance ambiance, and delight occupants.

- Scene creation via dynamic and tuneable white luminaires, scheduling, and recall
- Support for non-Signify luminaires and switches
- Personal control



Energy optimization and sustainability

Optimize building energy usage and make progress toward sustainability goals with intelligent controls.

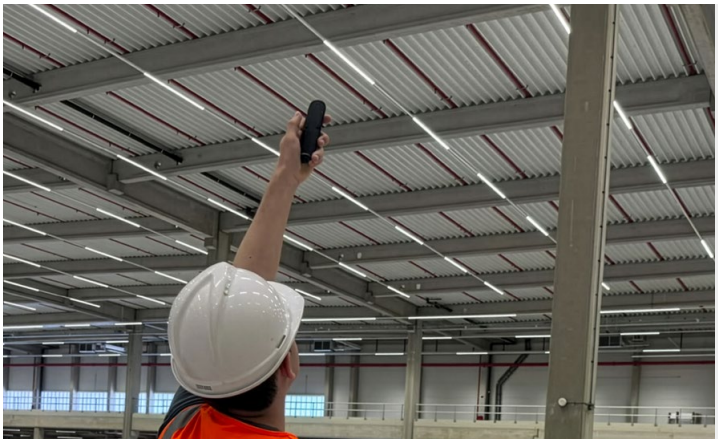
- Occupancy sensing and daylight harvesting
- Energy monitoring and reporting
- Reducing maximum light levels with high-end trim



Lighting asset management

Ensure the best possible lighting conditions over the system's lifetime for comfort and the optimum experiences.

- Interact Building Insights dashboard
- Luminaire-specific data such as installation manuals and spare parts
- Luminaire burning hours and end-of-life insights



Commissioning and deployment

Simplify operations and reduce downtime with intuitive tools, faster setup, remote preparation, and scalable installation.

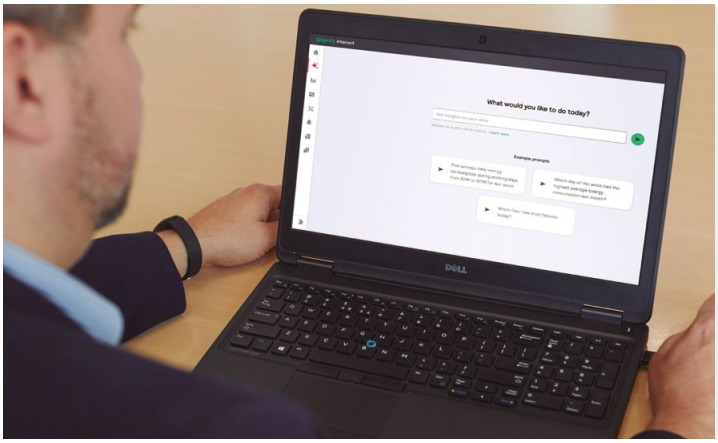
- Interact Builder toolset (mobile and web applications)
- Offsite and offline commissioning
- Light behavior templates



Integration and interoperability

Seamless data exchange, coordinated automation, smarter operations, and future-ready flexibility.

- BACnet interface
- Gateway-level APIs
- System components for integration with non-Signify devices



Secure connectivity and data management

Securely connect lighting and building platforms, enabling centralized data collection, integration, analytics, and reporting.

- Over-the-air (OTA) feature and security updates
- Data storage and backup
- On-site BLE feature and security updates

Are you looking for additional capabilities?

The Interact platform is growing fast!
We will be adding more features and functions soon.

Contact us for more information, or visit our website at signify.com/global/interact-for-intelligent-buildings

Case studies

Our case studies highlight how advanced connected lighting solutions have improved occupant comfort, well-being, workspace attractiveness, operational efficiency, sustainability, and energy performance, while creating more engaging, productive, and future-ready environments for diverse groups of users.



EDGE West
Amsterdam, the Netherlands

“At Edge, we want to create a building where people can thrive and feel inspired. Partnering a company like Signify that shares our key values is important to us.”

Bennie de Vries
Project Director, Development
Edge

Read the complete case study



VDL ETG
Singapore

“Signify’s on-demand lighting approach has allowed us to cut lighting expenses in half compared to standard options, significantly reducing energy use and CO_2 emissions.”

Joshua Leong
Manager, Facility Development
VDL ETG, Singapore

Read the complete case study

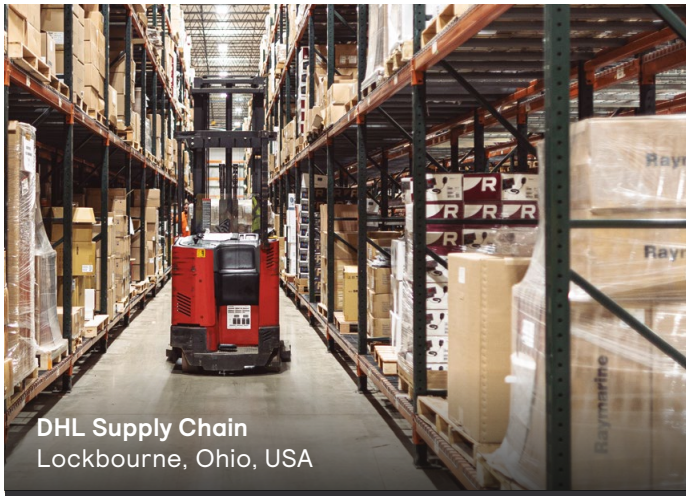


Torre de Cristal
Madrid, Spain

“Real-time data analysis, accessible via an app or the web, facilitates flexible and efficient management.”

Jorge González Cortés
Vice President, Gesternova
Torre de Cristal tenant

Read the complete case study



DHL Supply Chain
Lockbourne, Ohio, USA

“We are shooting for a million kilowatt hours savings in this system on an annual basis. Right now, that’s exactly where we’re tracking today.”

Marty Reibold
General Manager Technology
DHL Supply Chain

Read the complete case study



Eindhoven University of Technology (TU/e), Atlas building
Eindhoven, the Netherlands

Atlas was built in 1963. With this modernization we demonstrate that an old veteran can join the leaders in the field of sustainability."

Thijs Meulen
Energy Manager
University of Technology TU/e

Read the complete case study

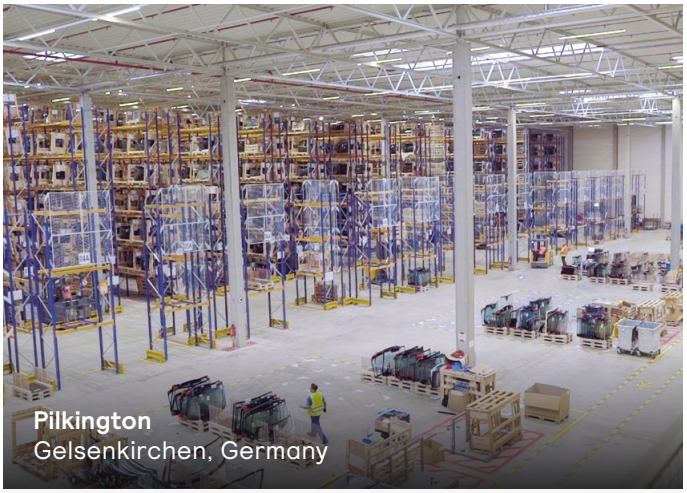


ForestOne
Berrinba, Australia

The energy savings we achieved with Interact exceeded our expectations. We lowered our electricity consumption by 70%, setting an example for sustainable operations within our industry."

Jon Battelley
Group Operations
ForestOne

Read the complete case study



Pilkington
Gelsenkirchen, Germany

With Interact we received a system that does more than just provide light. It also gives us data about our site, and allows us to make smarter decisions about our operations."

Marcel Devereaux
Category Manager Energy Projects
NSG Group / Pilkington

Read the complete case study



BiNK,
The Netherlands

Configuring the Interact system was quick and easy, even the first time. The remote control made it even easier."

Stijn Kroot
Project Coordinator
BiNK

Read the complete case study



03 Introducing the Interact system and its building blocks

AI

Core components

At its core, Interact helps buildings respond more intelligently to changing needs. Because it's wireless, Interact offers a flexible solution that is perfect for lighting retrofits or for fast implementations in new builds.

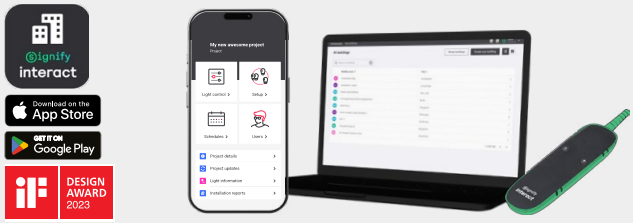
Interact Ready devices

- Wide range of wireless LED luminaires and lamps enabled with integrated and external wireless sensors
- Works with DALI luminaires
- No extra signal/dimming cabling
- Always the right solution for various indoor and outdoor application areas and project requirements



Interact commissioning tool set

- Simple setup for any project size, from small spaces to large buildings at multiple sites
- Optionally prepare templates in advance for even faster local deployment
- Quick, precise commissioning via smartphone (Bluetooth) or Signify remote control.
- Flexible system, allowing up to 10 users to install and set up the system
- Discover, add, adjust, and automate light settings easily
- All project data is backed up in the cloud
- Get support from the in-app AI assistant Bulbi — instant, 24/7, and context-aware



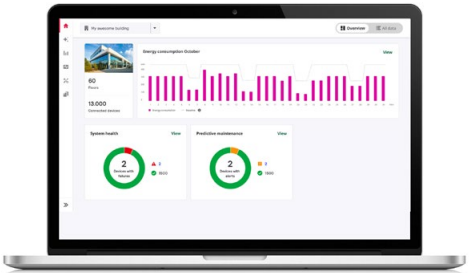
Interact gateway

- The heart of the cloud-connected system
- Connects luminaires, switches, and sensors via Zigbee to the cloud for remote commissioning and adjustments
- Enables features such as scheduling and app control for users
- Supports building integration via gateway-level BACnet, local APIs, and MQTT
- Supports up to 200 light points per gateway and 100 gateways per project
- Over-the-air (OTA) feature and security updates to ensure delivery of the latest security patches and feature improvements
- Unlock Interact Building Insights dashboard



Interact building insights

- Real time cloud-enabled dashboard provides a view of a single building or multisite portfolio
- Full transparency into energy consumption patterns
- Intuitive drill-down to identify inefficiencies and optimize energy performance across buildings and floors
- System health insights overall, per floor, and per area
- Monitor device burning hours
- Access device information using Service tag
- Preventive maintenance using real usage data helps to anticipate potential failures



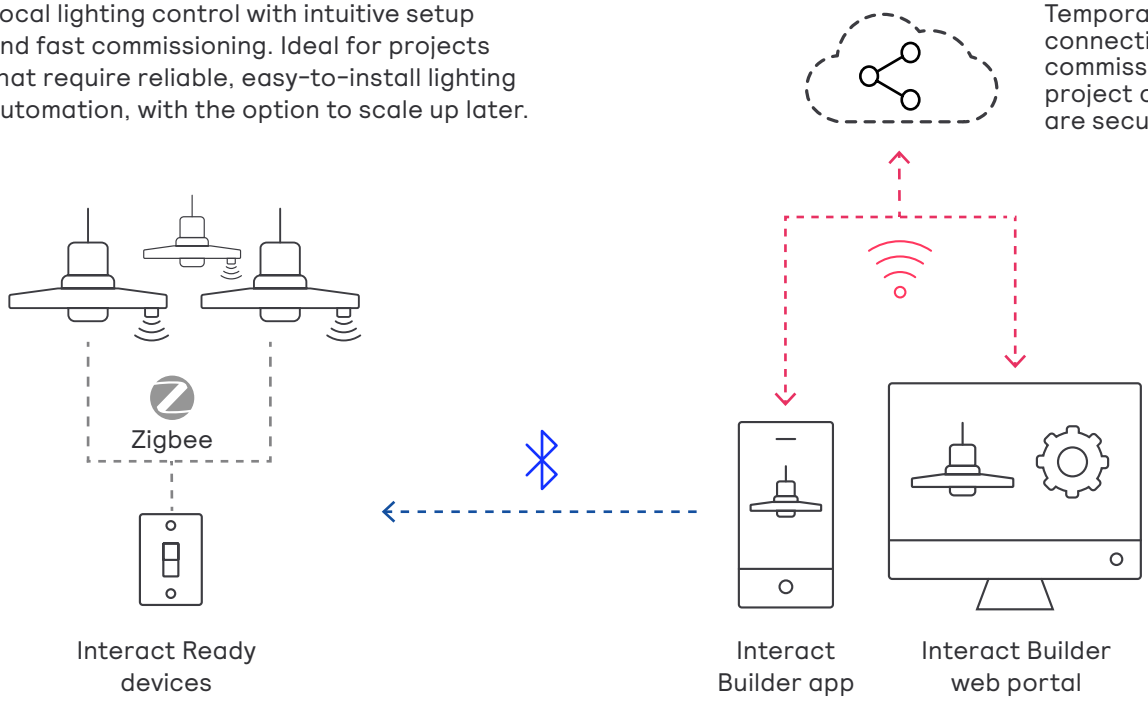
A modular system architecture that adapts to your project needs

From simple lighting automation...

Level 1 – Connect ready

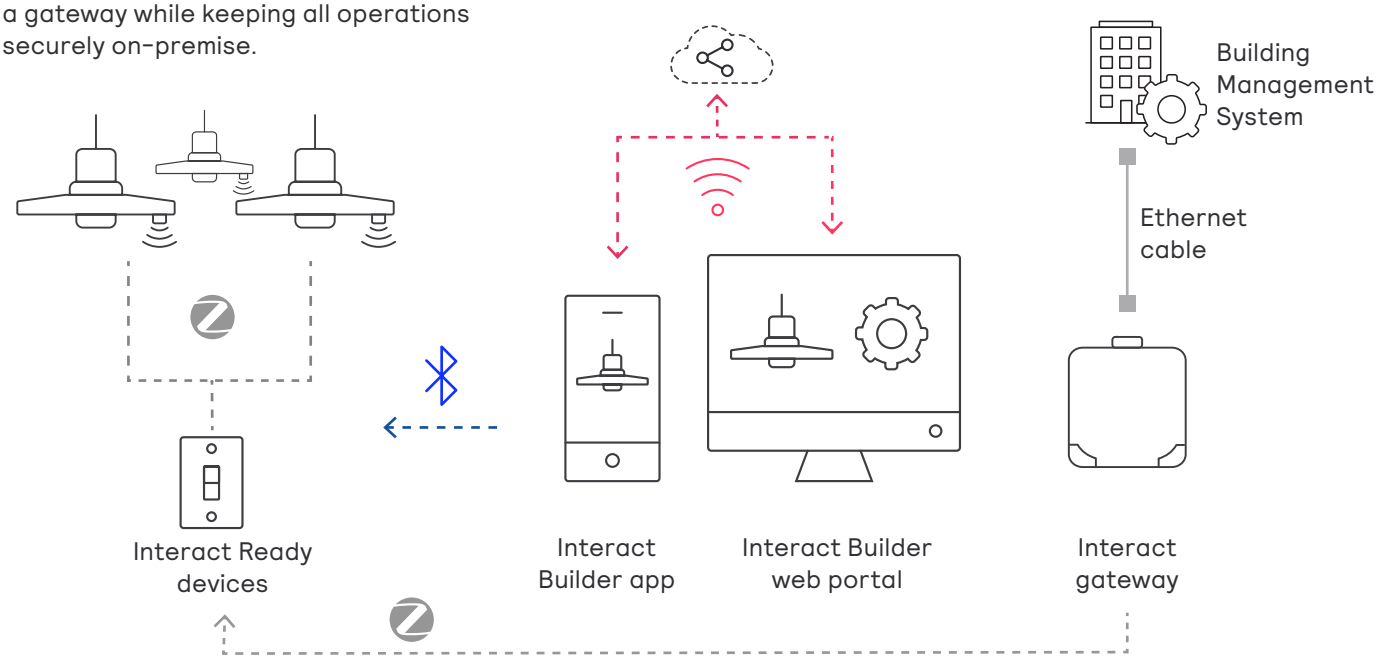
Local lighting control with intuitive setup and fast commissioning. Ideal for projects that require reliable, easy-to-install lighting automation, with the option to scale up later.

Temporary internet connection during commissioning to ensure project configurations are securely stored.



Level 2 – On-prem connected

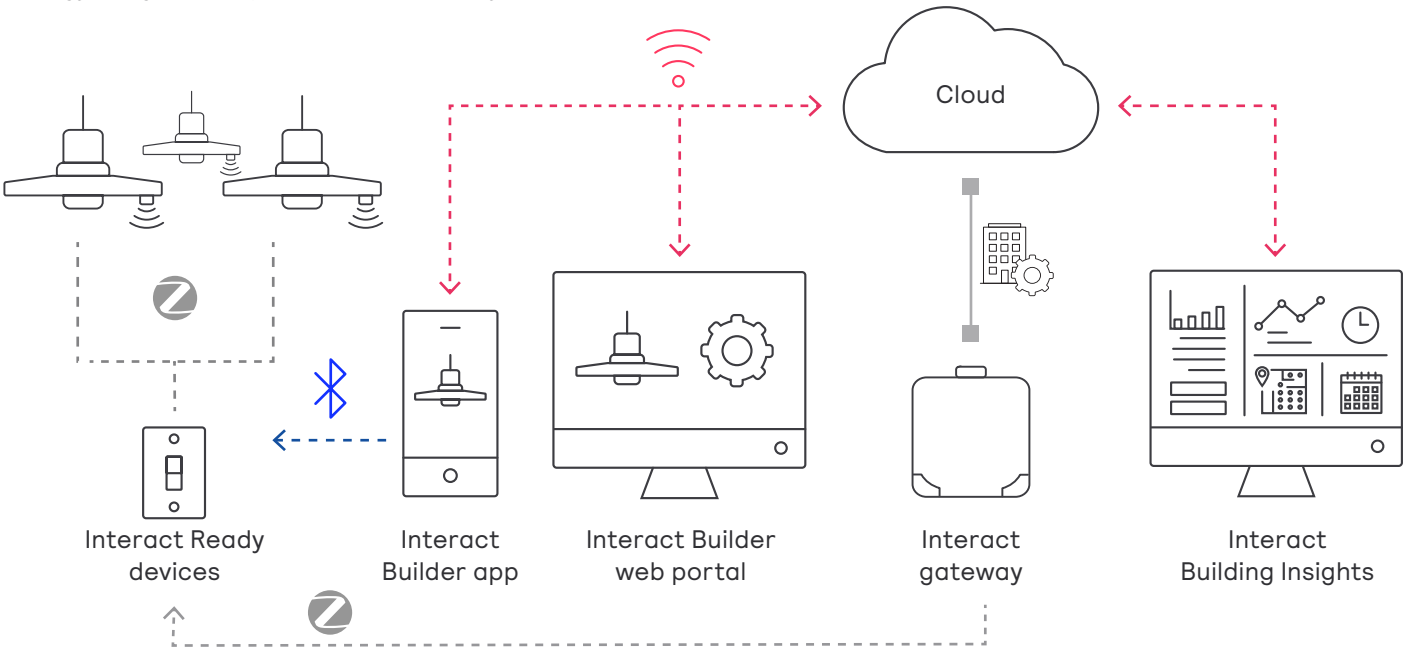
Extend the system's capabilities with a gateway while keeping all operations securely on-premise.



... to full building intelligence

Level 3 – Building intelligence

Activate Interact Building Insights to transform lighting data into actionable building intelligence, enabling deeper insights into building performance, energy usage, and operational efficiency.





Designed for building intelligence. Flexible by design.

Cloud connectivity adds monitoring, insights and building integration, while standalone operation keeps things simple. Compare the capabilities and choose the connectivity your building needs.

Capability driving value	Feature	Level 1	Level 2	Level 3
Lighting management				
	Remote management	x	x	✓
	Centralized lighting control	x	✓	✓
	Scheduling	x	✓	✓
	Configurable vacancy level (*)	✓	✓	✓
	1-minute hold time	✓	✓	✓
	Automatic and distributed lighting control	✓	✓	✓
	Dwell and prolong time	✓	✓	✓
	Vacant and background level	✓	✓	✓
	Group and zone control	✓	✓	✓
	High-end trim	✓	✓	✓
Scene and experience management				
	Scene scheduling	x	✓	✓
	Scene activation and control via third-party switches (*)	✓	✓	✓
	Customizable control of zones or groups (*)	✓	✓	✓
	Manual control: dimming, switching, and presets	✓	✓	✓
	Scene creation and recall	✓	✓	✓
	Color temperature control and scene setting	✓	✓	✓
Energy optimization				
	Interact Building Insights dashboard	x	x	✓
	Energy monitoring and reporting	x	x	✓
	Outdoor parking daylight override	✓	✓	✓
	Occupancy and presence sensing	✓	✓	✓
	Daylight Harvesting	✓	✓	✓
Lighting asset management				
	Interact Building Insights dashboard	x	x	✓
	Operating hours tracking	x	x	✓
	Device information via Service tag (eg spare parts, specifications)	x	x	✓
	Fault detection	x	x	✓
	Remote operations service (**)	x	x	✓

Capability enabling value	Feature	Level 1	Level 2	Level 3
Integration and interoperability				
	BACnet occupancy	x	✓	✓
	Gateway on-prem APIs	x	✓	✓
	Non-Signify switch integration via pushbutton interface module (PBIM) (*)(**)	✓	✓	✓
	Open DALI integration with KT100 (SC100 and SR bridge kit)	✓	✓	✓
	Open DALI integration with KT200 (SC200 and DALI extender kit)	✓	✓	✓
	Input / output devices	✓	✓	✓
	Luminaire-integrated sensors	✓	✓	✓
	Mains-powered sensors	✓	✓	✓
	Interact Ready devices	✓	✓	✓
Commissioning and deployment				
	Interact Builder mobile app	✓	✓	✓
	Interact Builder web portal	✓	✓	✓
	Lock / unlock network	✓	✓	✓
	BLE-assisted commissioning on Interact Builder mobile app	✓	✓	✓
	Offline commissioning	✓	✓	✓
	Offsite commissioning	✓	✓	✓
	Light behavior templates	✓	✓	✓
	Adjustable sensor sensitivity	✓	✓	✓
	Concurrent commissioning of up to 10 accounts	✓	✓	✓
	Project backup	✓	✓	✓
Secure connectivity and data management				
	Europe-based cloud services	x	x	✓
	Over-the-air (OTA) feature and security updates	x	x	✓
	Data storage and backup	x	x	✓
	Data export and sharing	x	x	✓
	Ethernet connectivity via gateway	x	only for commissioning	✓
	On-site BLE feature and security updates	✓	✓	✓
	AES-128 Zigbee encryption	✓	✓	✓
	AES-256 Bluetooth encryption	✓	✓	✓

Want to know more about our system features? Scan the QR code or use the link

(*) Works with advanced lighting behavior firmware > 8.x

(**) Availability may vary by market. Please contact your local Signify representative for availability and conditions.



04 Interact Building Insights

Managing a connected building starts with knowing what is happening across it



Imagine you're managing a large connected building.

You want to know three simple things:

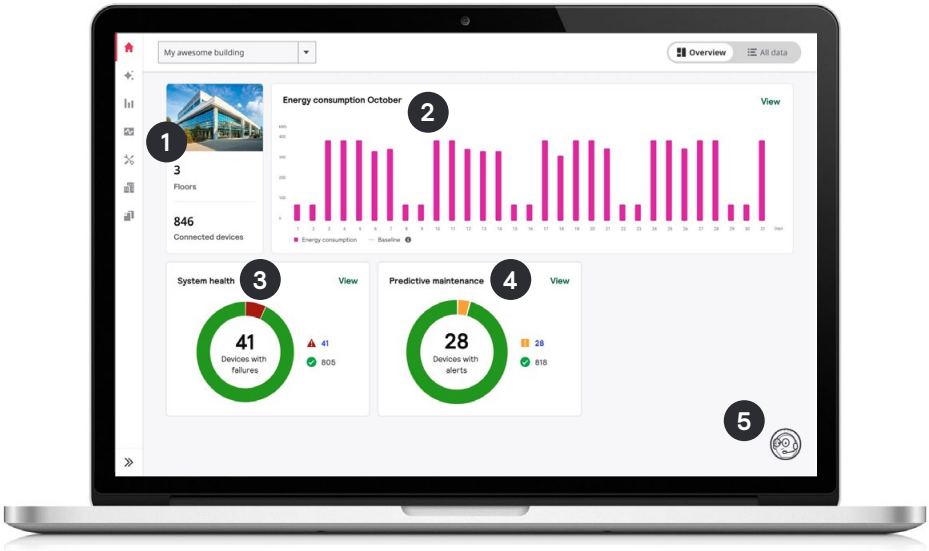
- How is the building performing?
- Is anything going wrong?
- And what needs my attention?

This is where **Interact Building Insights** brings the information together in one place.

Insights | Reporting | Actions

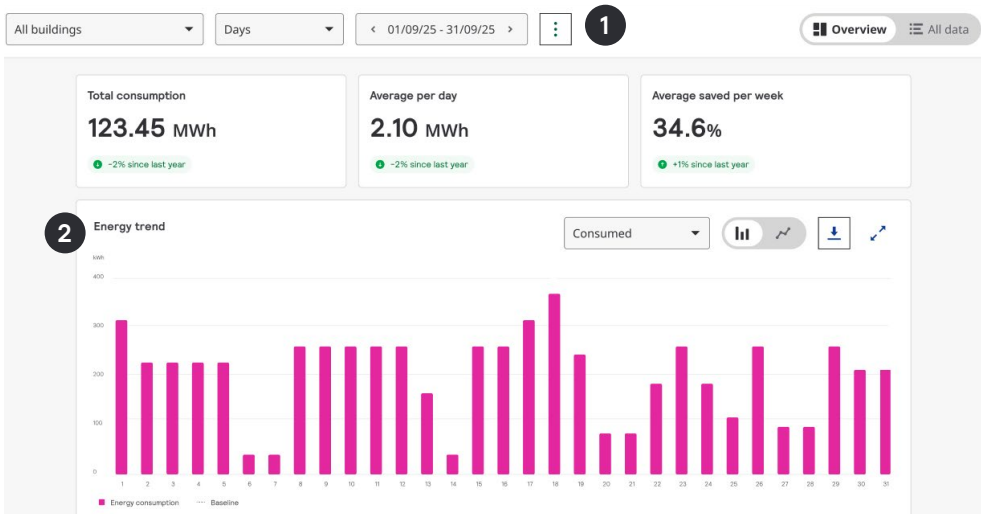
See more. Know more. Act faster.

Log in to Interact Building Insights



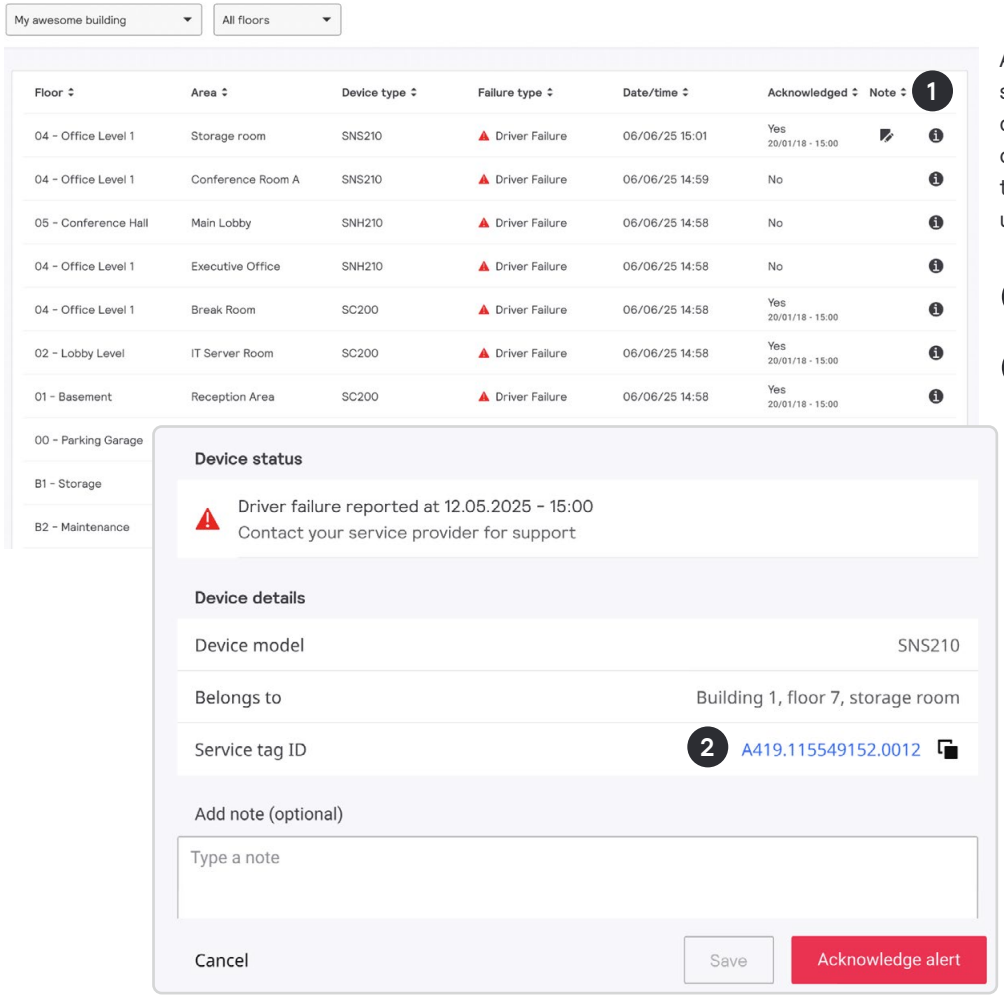
1. Number of connected devices and floors
2. Energy consumption
3. System health failure reports
4. Preventive maintenance
5. AI chatbot Bulbi
   Your support and guide through the app

View of energy performance



1. Selected area and period
2. Energy overview

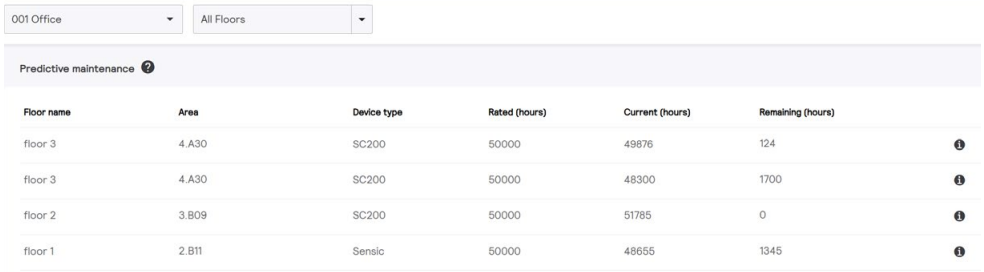
System health



At a glance, you can see if there are any devices that need attention, navigating through different levels up to the specific area.

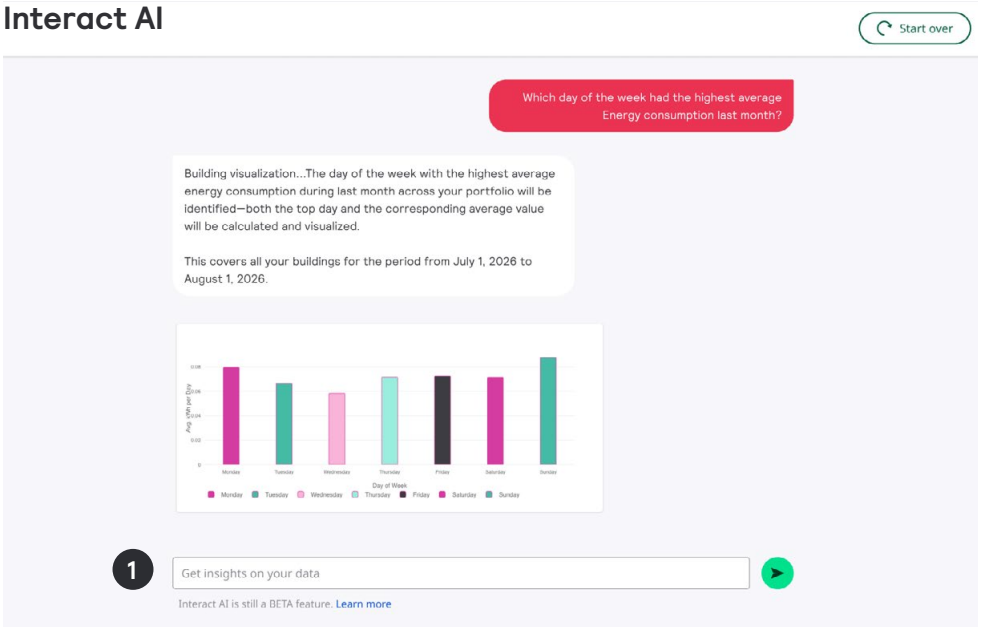
1. Device details
2. Link to Service tag for detailed luminaire information, spare parts, and manuals

Preventive maintenance



Use information on burning hours to order lamp replacements and plan maintenance efficiently before failures occur.

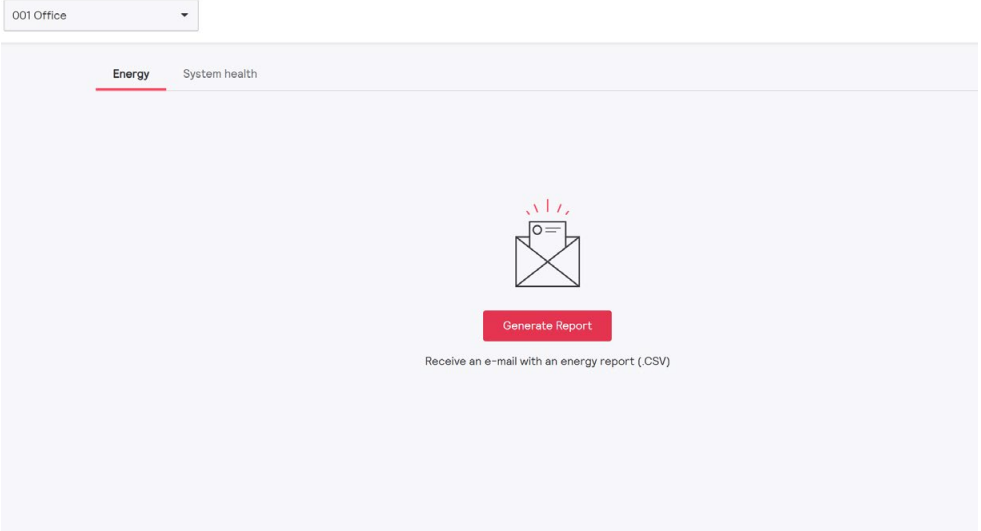
Interact AI



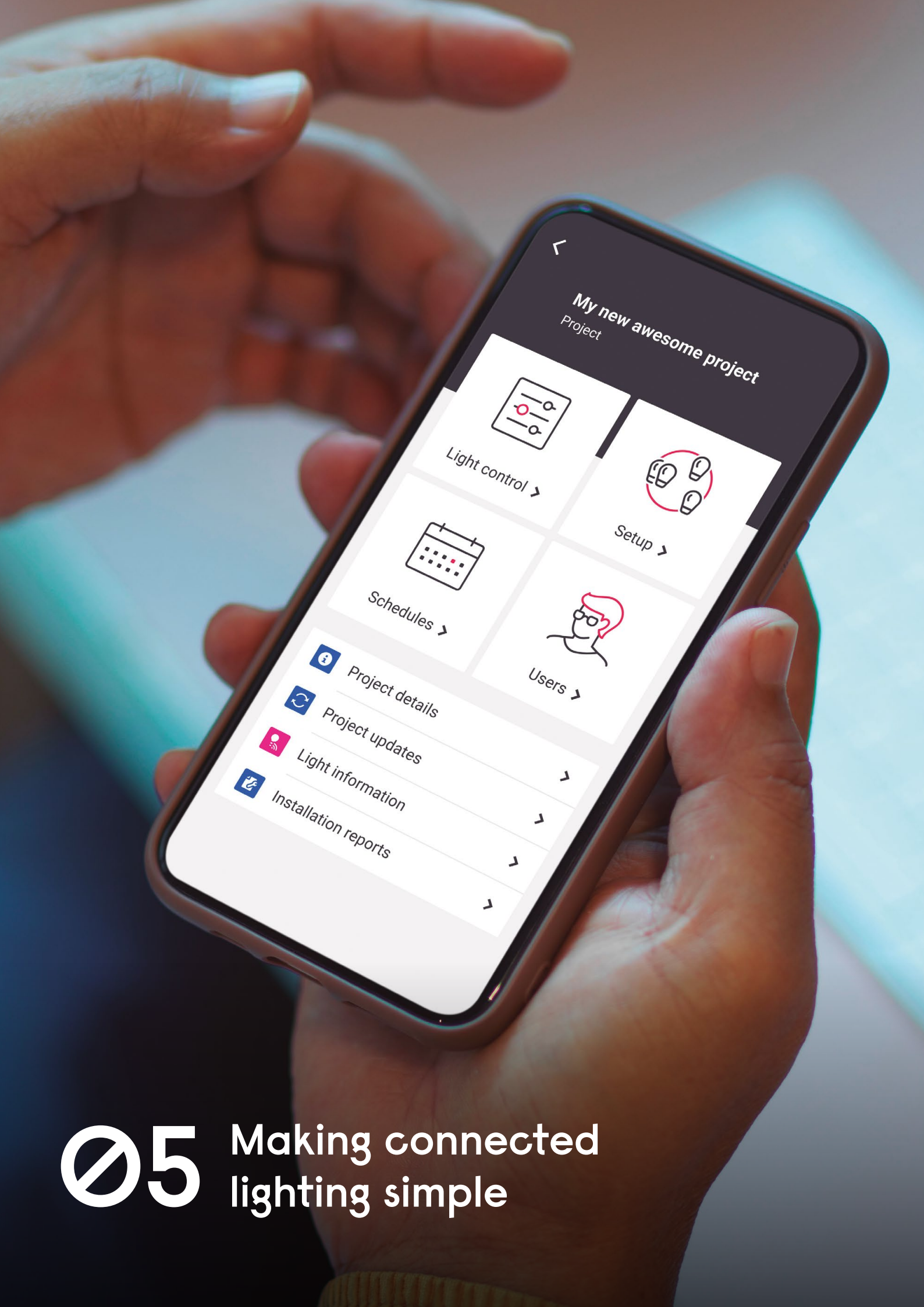
Ask any question about your system.

1. Type what you want to know about your building.

Reporting



All information needed can be collected to generate a report that can be sent via e-mail.



05 Making connected lighting simple

Building an Interact system is fast and straightforward

Wireless devices, intuitive commissioning tools, predefined templates, and offsite preparation simplify deployment.

Whether starting small or scaling across multiple buildings, Interact reduces complexity, shortens installation time, and makes connected lighting accessible for every project.

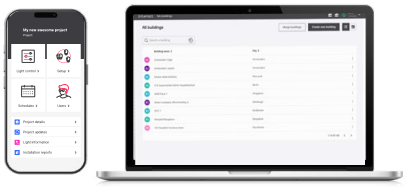


01

Install devices and download tools

- Install Interact Ready lights and sensors just like any standard lighting devices
- Use the Interact Builder web portal for larger projects

No complex infrastructure.
No special wiring requirements.

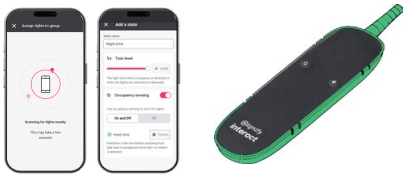


02

Prepare your project

- Structure lighting into projects, networks, groups, and zones
- Prepare configurations on-site or remotely via the Interact Builder app or web portal

Plan ahead and reduce time spent on commissioning.



03

Set up and configure

- Add lights to groups or zones via smartphone (Bluetooth) or Interact remote
- Add switches and external sensors
- Define lighting behaviors for groups and areas
- Deploy all configurations to the devices via the app or remote control

Fast configuration. Immediate validation.

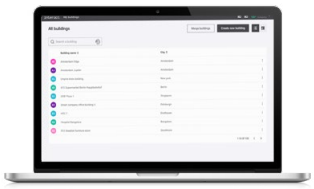


04

Connect the gateway

- Plug in power and Ethernet to activate
- Scan the QR code of the gateway to add it to your project

Enable cloud connectivity and expanded system capabilities in minutes.

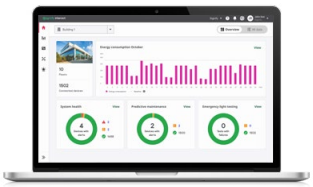


05

Remote access for maintenance

Use the Interact Builder web portal for remotely managing the system settings.

Fewer site visits. Greater control.



06

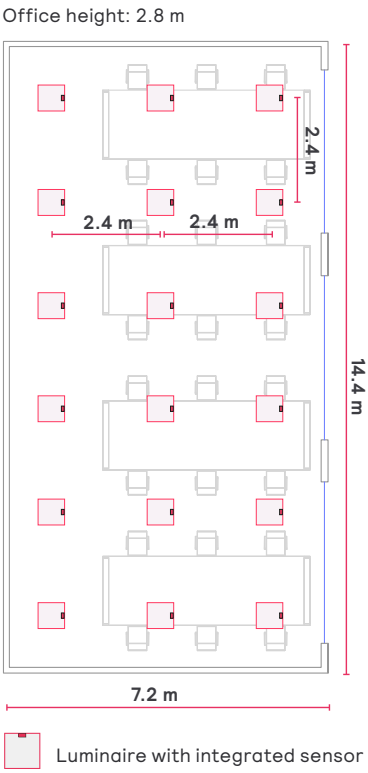
See what's happening with Interact Building Insights

Unlock full building intelligence and AI capabilities.

Act on insights and activate additional software services.

Office

Open-plan office with a typical luminaire arrangement (sensors integrated in luminaires)

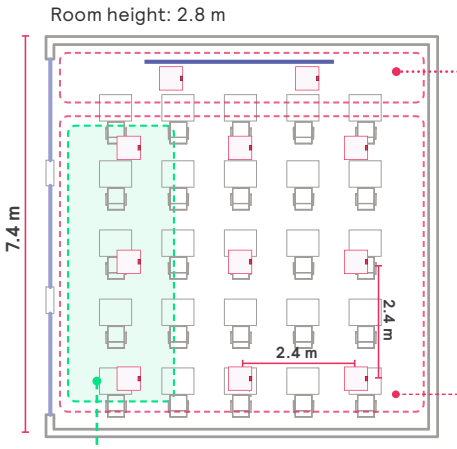




Product options	Quantity
Philips PowerBalance Tunable White RC461B LED80S/TW9 SIA W60L60 VPC U4 PIP 910505103383	18
or	
Philips CoreLine panel RC132V G5 43S/840 SIA W60L60 OC IA4 910505102377	18
optional	
Switch Dim 4B UID8480/10 913701055803	2

School

A classroom where dimmable luminaires with integrated sensors are arranged in groups and zones, allowing lighting conditions to be optimized for comfort, focus and learning and to enable daylight harvesting.



Group 1
Whiteboard area
Area of the classroom where lighting levels are optimized to support presentations, teaching, and content visibility.

Group 2
Desks area
Provide comfortable lighting for students while maximizing energy savings.

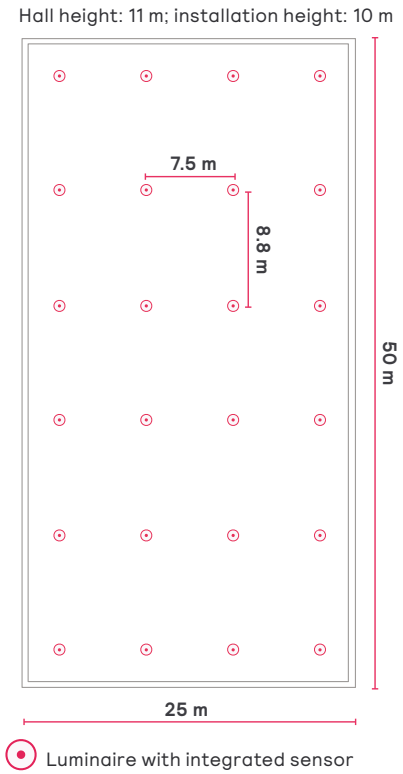
Zone 1 (within Group 2)
Area of the classroom adjacent to windows. Artificial lighting is automatically adjusted based on the available daylight.



Product options	Quantity
Philips PowerBalance gen2 RC461B 40S/840 DEIA W60L60 VPC UE 910505103632	11
optional for Group 1	
Switch Dim 2B UID8470/10 913701055703	1

Industry

Industrial hall with a highbay luminaire arrangement (sensor integrated)

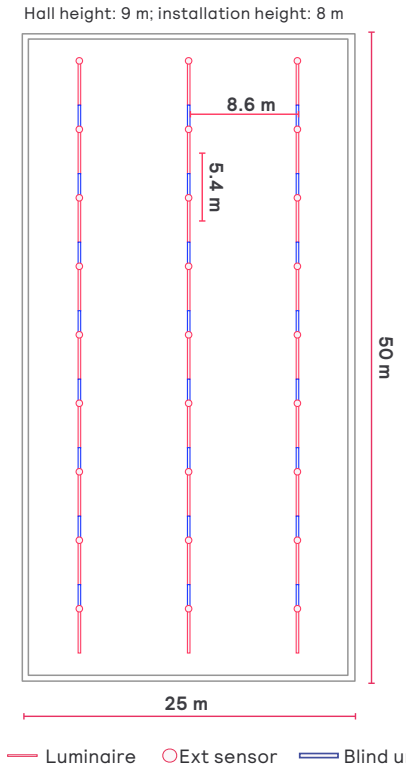


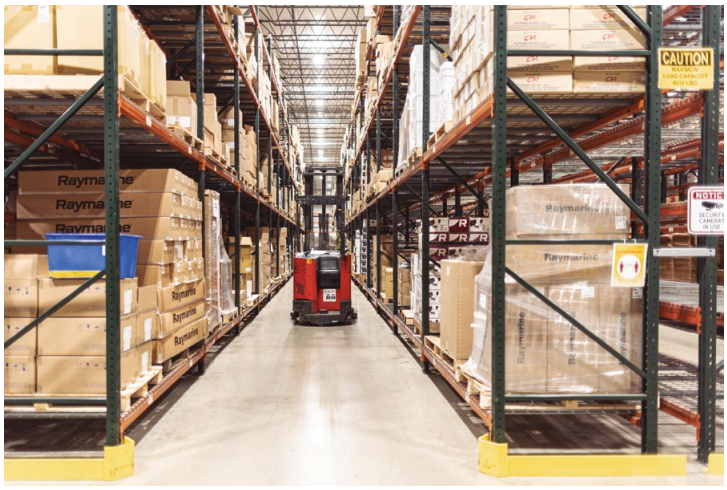


Product options	Quantity
GentleSpace gen3 BY481X LED250S/840 MB (Configured product)	21
or (with a different lighting plan)	
CoreLine highbay gen5 BY122X G5 LED200S/840 SIA WB H4 871951495593600	24

Warehouse

Warehouse space with a typical luminaire arrangement and standalone sensors





Product options	Quantity
CoreLine trunking gen2 LED panel - L3400 LL234X 160S/840 1x SIA WB 7x1.5 HE 871951473337400	27
Sensor unit LL200E H4 7x2.5WH 871951462514300	27
Starter kit LL200Z MB-SW 2XEP CU7 WH 871951410819600	3
BLIND UNIT LL217X 7X1.5 871951410846200	24

Interact Ready devices EU portfolio

Luminaires and lamps

Recessed

Philips PowerBalance

Philips SlimBlend


Philips TrueLine

Philips FlexBlend

Philips CoreLine recessed


Signify myCreation Essential Recessed 3D


Philips TrueBlend


Philips TrueSlim


Philips Trueline Interalu

NatureConnect


NatureConnect system

Panel

Philips CoreLine panel

Panel on track


Philips Store-Set linear


Philips Store-Set Evo

Wall mounted

Philips CoreLine Wall-mounted

Downlights


Philips LuxSpace


Philips GreenSpace 3D

Philips CoreLine downlight

Recessed spots


Philips LuxSpace Accent Elbow


Philips GreenSpace Accent Elbow


Philips CoreLine recessed spot

Projectors


Philips StoreFit


Philips GreenSpace Evo Mini

Surface-mounted and suspended


Philips TrueLine

Philips FlexBlend


Philips KeyLine


Philips CoreLine surface-mounted

Philips CoreLine FastSet

Highbay


Philips GentleSpace


Philips CoreLine

Trunking

Philips Maxos fusion

Philips Maxos unify


Philips CoreLine truncking

Waterproof


Philips Pacific LED


Philips CoreLine waterproof


Philips CoreLine tubular


Philips CoreLine QuickFit

Philips CoreLine FastSet

Lamps

Philips MasterConnect LEDtube


Philips MasterConnect LEDspot


Signify myCreation Ambifit 3D

See the full portfolio online

Luminaires with built-in sensors and wireless communication

Luminaires with wireless communication only

Interact system components EU portfolio

Products and software

Wireless luminaire integrated sensors


SC200B/02 WH


SC200B/02 BL


SC100B/02

Mains-powered DALI sensors


MPS3100/05


MPS3210/05


MPS3220/05


MPS3230/05


MPS3211/05


MPS3221/05


MPS3231/05

Outdoor sensors


LCN4120/05
913701063113


LCN4120/15 BL
913701063313


LCN4150/05 WH
913701063213


LCN4150/15 BL
913701063413

Battery-powered sensors


OCC0100A/02
913701067003


OCC0101A/02
913701067103

Switches


DIM 2B
UID8470/10


DIM 4BL
UID8480/10


PBIM

Integration devices


KT100 - DALI and mains switched devices
913701074803


KT200 - DALI luminaires
913701077603

Gateway


Wireless gateway LCN1870
913701042103

Commissioning


Remote control IRT9030/00
913701078703

Software



Interact Builder mobile app


Interact Builder web app


Interact Building Insights

Code	Description
U4	SC200 sensor in F1 upgradable sensor slot
IA4	SC200 sensor
IA9	SC100 transceiver, an Interact-ready wireless communication device used with Signify SR devices
MPL	Mains power lowbay sensor
MPM	Mains power midbay sensor
MPH	Mains power highbay sensor
MPLS	Mains power lowbay sensor side-mounted
MPMS	Mains power midbay sensor side-mounted
MPHS	Mains power highbay sensor side-mounted
H4	SNH(R)210 sensor
WIA	Driver that is enabled for wireless communications
SIA	A sensor-ready driver that is intended to be used in combination with an Interact sensor to make the luminaire interact-ready
DIA	A DALI driver that makes a luminaire Interact-Ready when used in combination with a Mains powered sensor

Wireless luminaire-integrated sensors & controllers



More than just sensors, these devices act as wireless controllers within the Interact connected lighting system. By integrating sensing, control, and wireless communication into the luminaire, they enable automatic lighting responses, wireless grouping and zoning, and easy adaptation of spaces without rewiring. This makes lighting control simpler to install, easier to modify, and ready to scale as building needs evolve.

Benefits

- One device to support various functions which eliminates the need for multiple components and auxiliary devices
- Built-in to reduce installation efforts and costs
- Cost-effective solution for energy-savings
- In combination with accessory can be installed standalone

Applications

- Offices, office lobbies, open offices, meeting and conference rooms.
- Lobbies, Stairways, Restrooms, and Break rooms
- Classrooms and any other Indoor rooms

	SC100 Controller only	**SC200** Occupancy sensor
		
Occupancy sensing	NO	YES (PIR)
Daylight harvesting	NO	YES
Environmental sensor	NO	NO
Mounting height	N.A.	2.4 to 6 m (above 4 m major motion only)

Accessories

Product	Description	Order code
Mounting bezel		
	SA0100/05 Mnt Bez SC1xxx/SC2xxx 44x17	913713620003
Mounting clip for upgradable sensor slot		
	SA0200/05 F Mnt Clip SC1xxx/SC2xxx 60x22 WHITE	913713620203
	SA0200/15 F Mnt Clip SC1xxx/SC2xxx 60x22 BLACK	913701047703
Recessed mounting plate		
	SA0700/05 Ind. Rec SC1xxx/SC2xxx Mnt	8721103158574
Surface mount box		
	SA0600/05 Ind. Surf Mnt SCxxxx/SNSxxx	913713620803
F1 slot cover		
	SA0300/05 Cover plate 60x22	913713620403



Find detailed information in the Signify e-cat

Mains powered DALI sensors



Sensors that extend connected lighting into challenging environments. Designed for higher ceilings, industrial spaces, trunking systems, and DALI applications, they combine advanced motion and daylight sensing with optimized detection algorithms, enabling reliable energy savings, flexible installation, and seamless integration within the Interact ecosystem.

Benefits

- Designed for challenging spaces and higher ceilings
- Automatic light control based on occupancy detection and daylight harvesting
- Configurable sensitivity parameters to match user needs
- Status indication through three built-in LEDs for ease of commissioning

Applications

- Factories, manufacturing units, warehouses, loading docks
- Parking garages
- Hospitals patient rooms, lobbies, office corridors, conference rooms
- Education, Auditoriums

Product data

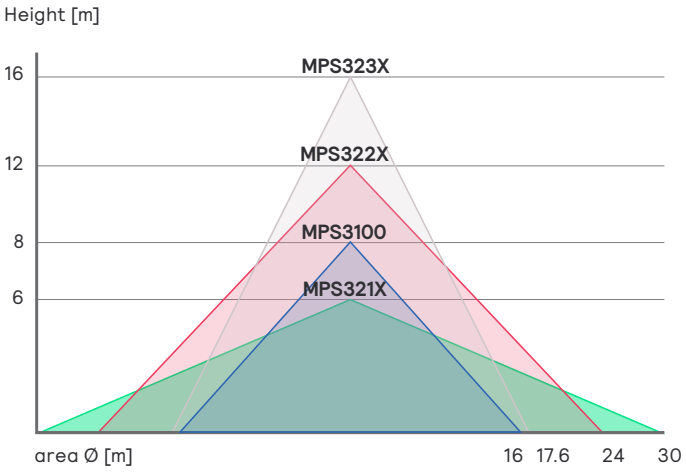
913701071203	MPS3100/05 OCC-DL IA WH 8M
913701071303	MPS3210/05 OCC-DL IA DALI WH 6M S
913701071403	MPS3220/05 OCC-DL IA DALI WH 12M S
913701069303	MPS3230/05 OCC-DL IA DALI WH 16M S
913701071803	MPS3211/05 OCC-DL IA DALI WH 6M A
913701071603	MPS3221/05 OCC-DL IA DALI WH 12M A
913701071703	MPS3231/05 OCC-DL IA DALI WH 16M A

Features

Power supply	Mains power
IP protection	IP66
Mech. protection	IK08
Zigbee range	50 m

	MPS321X	MPS322X	MPS323X	MPS3100
				
Mounting height Major motion	2.1 to 6 m	4 to 12 m	4 to 16 m	2.1 to 8 m
Mounting height Minor motion	Only major motion detection			2.1 to 5 m
Control interface	Wireless / DALI-2 (up to 10 devices)			Wireless only
Data reporting	luminaire data, energy data, burning hours and failures			occupancy state
Surface mounted	MPS3210	MPS3220	MPS3230	MPS310
Attach mounted	MPS3211	MPS3221	MPS3231	/
Cable colour	black (300 mm)			white (1500 mm)

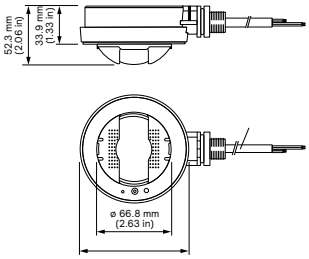
Sensor's coverage area for major motion



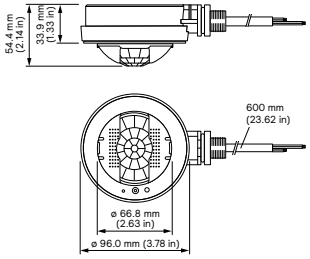


Dimensional drawings

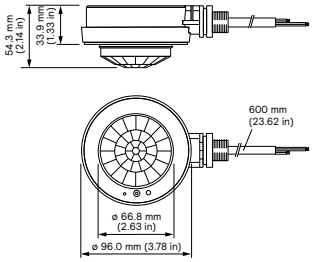
MPS3211



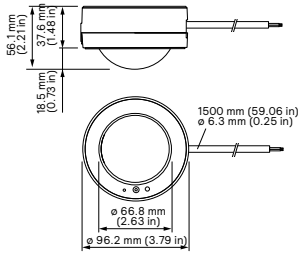
MPS3221



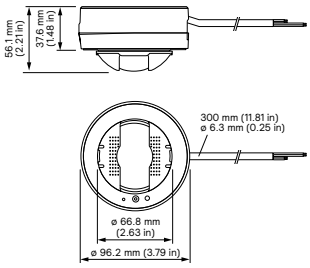
MPS3231



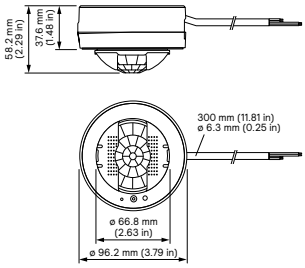
MPS3100



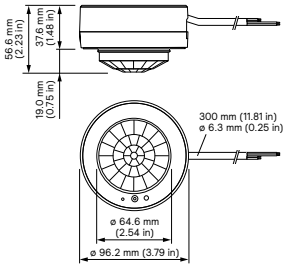
MPS3210



MPS3220



MPS3230



Find detailed information in the Signify e-cat

Outdoor sensors



Sensors and controllers

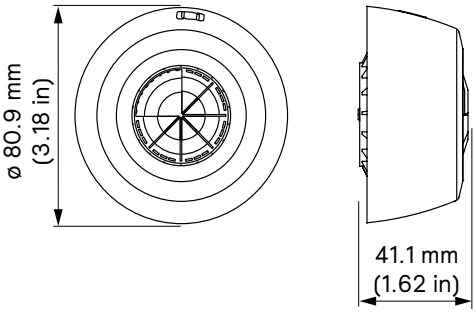
Sensors for building perimeter and outdoor parking spaces

Transform existing outdoor luminaires into intelligent lighting assets. The outdoor parking sensor enables motion-based lighting around building perimeters and parking areas, while automatically regulating and switching lights according to daylight availability.

Product data

913701063103	LCN4120/05 WH IA white
913701063303	LCN4120/15 BL IA black
913701063203	LCN4150/05 WH IA white
913701063403	LCN4150/15 BL IA black

Dimensional drawings



Benefits

- Fast installation. Can be installed in-field even for existing luminaires with bottom socket
- No additional wires. The sensor uses wireless communication and does not require installation of additional control wires
- Wide range of installation heights. The sensor is available in two versions, covering installation heights from 4.6 m to 12.2 m
- Energy saving daylight sensor. The sensor features a daylight sensor to regulate or switch off lights for additional energy savings when sufficient natural light is available

Applications

- Building perimeters, outdoor parking lots
- Parking garages

Features

Power supply	9 to 24 Vdc
Mounting interface	Zhaga Book 18 4-pin twist and lock socket
IP protection	IP66
Mech. protection	IK08
Zigbee range	50 m

	LCN4120	LCN4150
		
Mounting height	2.1 to 4.6 m	4.6 to 12.2 m

Find detailed information in the Signify e-cat

Battery powered sensors



Sensors and controllers

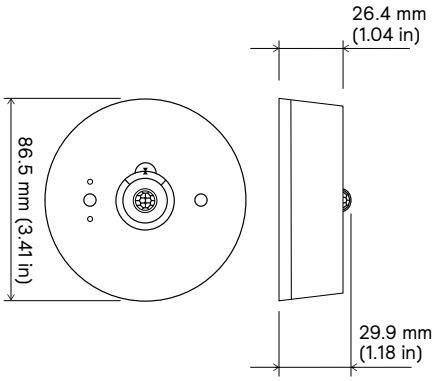
Battery powered sensors

Battery-powered sensors provide flexible, wireless occupancy and daylight detection without requiring mains wiring. They use secure Zigbee communication to interact with connected luminaires, automatically switching or dimming lights based on presence and available daylight. Easy to place wherever coverage is needed, simplifying installation.

Product data

913701067003	OCC0100A/02 BP Sensor WH
913701067103	OCC0101A/02 DL BP Sensor WH

Dimensional drawings



Benefits

- This wireless motion sensor and multi sensor, which are Interact Ready, make it easy to upgrade to a smart lighting system
- Cost-effective solution for energy-savings with no additional wiring

Applications

- Individual offices, Open offices, and Conference rooms
- Lobbies, Stairways, Restrooms, and Break rooms
- Classrooms and any other Indoor rooms

Features

Control interface	Zigbee
Power supply	Battery
IP protection	IP40

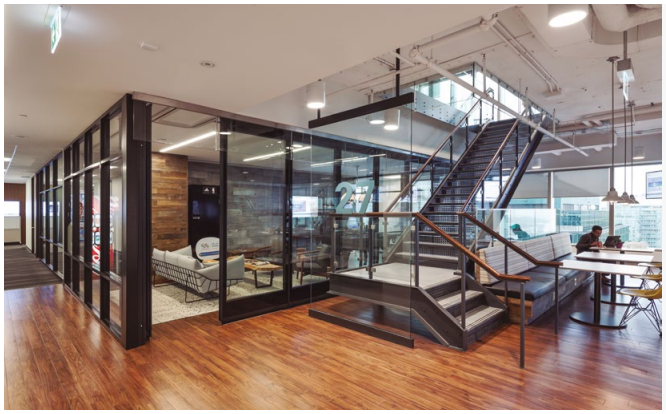
	OCC0100A	OCC0101A
		
Occupancy sensing	YES (PIR)	YES (PIR)
Daylight harvesting	NO	YES
Mounting height	≤ 4 m	

Find detailed information in the Signify e-cat

Integration devices

KT100
KT200

Expand Interact with DALI luminaires through flexible connector kits that bridge wireless connectivity, intelligent control, and open integration, enabling smarter lighting management and greater project flexibility.



KT100 – for DALI and mains switched devices



Product data

913701074803	KT100 RF DALI Connector Kit with SC100 IA

Features

- Add wireless control to existing DALI luminaires or on/off luminaires
- Support Demandlink via mains switched devices
- Can be programmed with the use of the Interact Builder app or dashboard
- Sensor fits to a Zhaga Book 20 rectangular slot
- Maximum load of the connector is 400 VA
- Surface mounted bracket included

KT200 – DALI luminaires



Product data

913701077603	KT200 Sensor DALI Extender Kit

Features

- Adds sensing and control capabilities to any DALI-2 luminaire
- Controls luminaires via DALI
- Supports occupancy sensing and daylight harvesting, for the groups, via the SC200 sensor
- Extends SR/D4i bus to DALI bus using DALI Extender, supporting up to 20 DALI-2 drivers
- D4i certified, fits to a Zhaga Book 20 rectangular slot
- Recessed bracket included

Find detailed information in the Signify e-cat

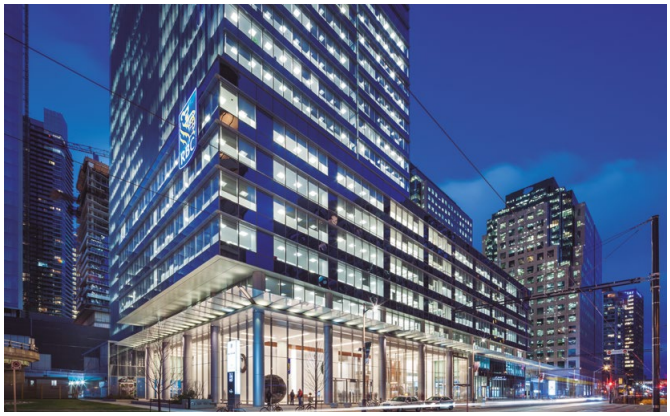
Wireless gateway

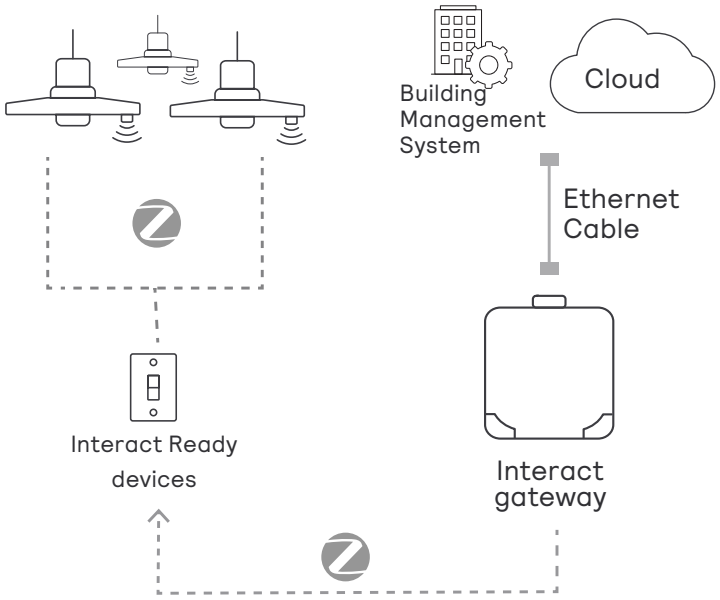


System gateway

Wireless gateway

Connects the Interact wireless lighting network to cloud services and building systems, enabling remote monitoring, data analytics, integration, updates, and centralized management for intelligent building applications.





Benefits

- Supports secure encrypted communication to the cloud
- Remote commissioning and adjustments
- Configure times schedules
- BACnet/API local integrations
- Secured with last security patches and feature improvements
- Insight dashboard for failures, predictive maintenance and energy performance

Features

Power supply	In: 100 to 240 Vac, 50/60 Hz
Power consumption	Max. 2.5 W
Supported Ethernet protocols	IPv4, IPv6, TCP, UDP, BACnet-IP
Communication ports	2 x 10/100BaseT Ethernet port Zigbee port
Dimensions	91 x 91 x 26 mm
Material	ABS

Product data

913701042103	LCN1870 Wireless Gateway

Find detailed information in the Signify e-cat

Secure by design

Protect your connected lighting system with a platform designed for today's digital buildings.

Interact combines secure architecture, certified security practices, and over-the-air updates to help keep systems protected and up to date.

Built on open standards and trusted by organizations worldwide, Interact gives you the confidence to connect, integrate, and scale while maintaining a strong foundation for cybersecurity and long-term resilience.

Signify was among the first lighting companies to certify its development lifecycle process against IEC 62443, the international standard for security of industrial control systems and operational technology. Signify's professional systems and services are also certified against ISO 27001, a globally recognized standard for information security.





From device to cloud, security is embedded throughout the Interact platform. Industry-standard encryption helps protect wireless communications, including 128-bit AES for Zigbee and 256-bit AES for Bluetooth connectivity. Network traffic is secured through TLS 1.2 protocols, while continuous updates and certified security practices help maintain system resilience over time.

The result is a connected lighting platform that delivers innovation, integration, and scalability without compromising on security.

Designed to connect. Built to protect.



Ready to unlock the full potential of your building?

Reduce energy waste, simplify operations, and prepare for the future with Interact. Contact your Signify representative or visit signify.com to learn more.

Glossary

application programming interface (API)	A set of software interfaces that enables Interact to exchange data and integrate with third-party systems, applications, and building platforms.
BACnet	An industry-standard building automation protocol used to connect Interact with a building management system (BMS) for monitoring, control, and data exchange.
Bulbi	Interact's AI-powered chatbot, capable of consulting on your system and answering your questions about Interact and your network.
Bluetooth Low Energy (BLE)	A wireless communication technology used for device discovery, commissioning, and local control during system setup.
building intelligence	The use of connected devices, sensors, software, and analytics to improve building performance, energy efficiency, occupant comfort, and operational effectiveness.
centralized lighting control	A lighting management approach where multiple lighting devices, groups, zones, or even entire buildings are monitored and controlled together from a single system or platform, rather than being adjusted individually.
cloud connectivity	A secure connection between the lighting system and cloud-based services that enables remote access, monitoring, reporting, updates, and analytics.
commissioning	The process of setting up, configuring, testing, and activating an Interact lighting system using the Interact Builder toolset.
daylight harvesting	A feature that automatically adjusts lighting levels based on available natural daylight to maintain target light levels while reducing energy consumption.
dwell time	The amount of time someone remains in a space before moving on.
gateway	A central device that connects Interact Ready luminaires and sensors to the cloud and enables advanced features such as remote management, scheduling, reporting, and building integration.
group	A collection of luminaires and devices that share the same lighting behavior and control settings.
hold time	The configurable delay after the last detected occupancy before lighting automatically dims or switches off. Hold time helps balance energy savings and occupant comfort by preventing lights from changing state too quickly.
Interact Building Insights	A cloud-based analytics suite that provides visibility into energy performance, system health, predictive maintenance, and building operations.
Interact Builder	A mobile app and web portal used to design, commission, configure, monitor, and manage Interact projects.
Interact Ready	Luminaires, lamps, sensors, and controls that are enabled for seamless operation within the Interact ecosystem.
motion/occupancy sensing	Automatic detection of presence within a space to switch or dim lighting according to configured behaviors.
network	A wireless lighting network consisting of Interact devices that communicate with each other using Zigbee.
over-the-air (OTA) updates	Wireless software and firmware updates delivered remotely to gateways and connected devices to enable new features, improvements, and security enhancements.
scene	A predefined lighting setting that can be recalled manually, automatically, or through schedules to create specific lighting atmospheres.
Service tag	A digital identifier that provides quick access to device information, helping simplify maintenance and support activities.
tunable white	A lamp or luminaire capability that allows adjustment of color temperature to support occupant comfort, task requirements, or desired ambiance.
Zigbee	A secure wireless mesh networking protocol used by Interact devices for reliable communication between luminaires, sensors, switches, and gateways.
zone	A subdivision within a group that enables more granular control, scene management, and daylight harvesting functionality.

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