

# Solution Packages

2025



A modern office interior with a person sitting at a desk, overlaid with a grid pattern. The scene is dimly lit, with a person sitting at a desk in the background. The overall aesthetic is clean and professional, with a focus on light and space.

# Build anything with light

Protopixel empowers you to build anything  
with light effortlessly, with outstanding quality  
and seamless interoperability.

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## Robust Building Integrations

Integrate and monitor your systems effortlessly and with maximum flexibility.

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## Agnostic Lighting Control

Build multi-protocol, hybrid projects faster with unmatched interoperability.

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## Unique Atmospheres & Interactions

Create the best atmospheres and design the best ways to interact with them using a wide range of multi-brand solutions.

**Agnostic &  
Interoperable**

**High  
Quality**

**Seamless  
Experience**

# Develop differentiated projects, suitable for all sectors

Protopixel is a lighting platform that combines software, hardware, and cloud services to design, integrate, control, and manage lighting projects from start to finish.

It works with all major protocols like DALI2 DMX and SPI, also including Casambi, integrating with a BMS as needed, making it technology-agnostic and future-proof.

With Protopixel, lighting professionals, estate owners and end user clients can move easily from concept to commissioning to daily operation, ensuring reliable, scalable, and flexible lighting installations.



La Casa de la Luz, Madrid



Akai Sora Lounge & Restaurant

# Solution Packages

# Solution Packages

With our unique combination of software, hardware, and accessories, we provide a wide range of solutions tailored to different market applications. Furthermore, Protopixel's integration tools make it easy to expand these solutions with other technologies.

1 Small Corporate Indoor

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2 High End Residential

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3 Retail and HORECA SMEs

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4 Small Offices

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5 MICE Spaces

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6 Retail Outdoor

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7 Retail Displays

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8 Residential Plug & Play

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9 General Lighting

# Definition

Our solution packages encompass various types of lighting, different sizes of spaces, and diverse installation typologies, ensuring a comprehensive lighting solution that can be tailored to meet the unique requirements of each project.

## LIGHT TYPE

### Point-to-Point

Pixel addressable lighting.

### Dimming

White, tuneable white or RGB lighting.

### Hybrid

Point to Point and Dimming control.

## SIZE

### Small

One room, one to ten devices.

### Medium

One floor, large meeting room, high standing residential, or one house. Up to fifty devices.

### Large

A building, with up to two thousand devices.

## INSTALLATION

### Wired

Data transmission through ethernet cables.

### Wireless

Data transmission through Wi-Fi or Bluetooth.

### Hybrid

Wired and wireless technology.

# Small Corporate Indoor

## DESCRIPTION

This is a fast, optimized solution for general lighting control in medium-sized corporate spaces. The most typical application involves the use of wired luminaires for the majority of the area, supplemented by Casambi wireless luminaires for remote areas. Control is typically achieved through wireless buttons or switches.

The focus on lighting functionality is to automate control using various strategies like scenes, schedules, presence sensors, and brightness sensors. This approach aims to create comfortably lit spaces while optimizing energy usage.

## BENEFITS

- Scalable to larger installations
- Supports Wireless and wired luminaires and peripherals
- Requires minimum training to install

## AVERAGE SOLUTION TICKET

Includes Hardware, and Outlets.

€ 3.6 K

## OTHER APPLICATIONS

Small areas in an office building that lack lighting control.

## MAIN LIGHTING PROTOCOLS

Wireless: Wi-Fi, Wi-Fi / BLE-DALI, Casambi.  
Wired: Ethernet



## FUNCTIONALITIES

### Well-being / Lighting quality:

- On-Off + Dimming
- Tunable White
- Moods

### Energy saving:

- Daylight control (CLC)
- Sensors

### Integrations:

- API
- Casambi
- KNX

### Automations:

- Lighting behaviours via external inputs
- Scheduling





←  
①  
♿  
→  
Sala de reuniones  
Meeting Room  
♿  
P-1  
Espacio Demo  
Mockup Space  
Exposición de producto  
Product Exhibition  
Auditorio  
Auditorium  
Taller  
Workshop  
♿

# High-End Residential

## DESCRIPTION

This is a solution for adaptive lighting in a residential setting. It allows for the seamless integration of functional and emotional lighting to create high-value atmospheres, combining white light with pixel-to-pixel lighting.

The functionality of lighting primarily involves creating experiences and moods for wellbeing, decorating spaces, and humanizing the area with lighting that adapts to people's daily lives.

## BENEFITS

- Simplified implementation of multiple lighting protocols.
- Easy Scale-up to larger installations.
- Advanced configuration through Protopixel Software.
- Ideal for installations where it is not possible to pass wiring or reduce installation time.

## AVERAGE SOLUTION TICKET

Includes Hardware,  
and Outlets.

€ 2.9 K

## OTHER APPLICATIONS

Medium-sized businesses looking for added value to space through lighting.

## MAIN LIGHTING PROTOCOLS

Wi-Fi, Wi-Fi / BLE-DALI, Casambi, Wifi/BLE-SPI



## FUNCTIONALITIES

### Well-being / Lighting quality:

- On-Off + Dimming
- Tunable White + RGBw
- Moods

### Energy saving:

- Individual Luminaire Control

### Automations:

- Lighting behaviours via external inputs
- Scheduling

### Integrations:

- API
- Casambi
- KNX

### Tools:

- Content Library
- Playlist <sup>SOON</sup>





# Retail, HORECA, SMEs

HORECA: Hotels,  
Restaurants, Cafés

SMEs: Small and Midsize  
Enterprises

## DESCRIPTION

Lighting control solution for medium-sized retail stores, hotel common areas, or restaurants where lighting serves as a signature element to enhance brand positioning and awareness.

Dynamic lighting is crucial in this solution package. It creates comfortable and unique spaces, highlighting products and areas. Moreover, lighting captures consumers' attention, directs customer journeys, and enhances the shopping and brand experiences.

## BENEFITS

- Simplified implementation of multiple lighting protocols.
- Content Library with ready to use immersive and impactful lighting moods.
- Easy modify and Scale-up according to business needs.
- Advanced configuration through Protopixel Software.

## AVERAGE SOLUTION TICKET

Includes Hardware,  
and Outlets.

€ 10.2 K

## OTHER APPLICATIONS

Large-scale high end residential.

## MAIN LIGHTING PROTOCOLS

Wireless: Wi-Fi, Wi-Fi / BLE-DALI, Casambi.

Wired: Ethernet



## FUNCTIONALITIES

### Well-being / Lighting quality:

- On-Off + Dimming
- Tunable White + RGB
- Moods

### Energy saving:

- Daylight control (CLC)
- Sensors

### Automations:

- Lighting behaviours via external inputs
- Scheduling

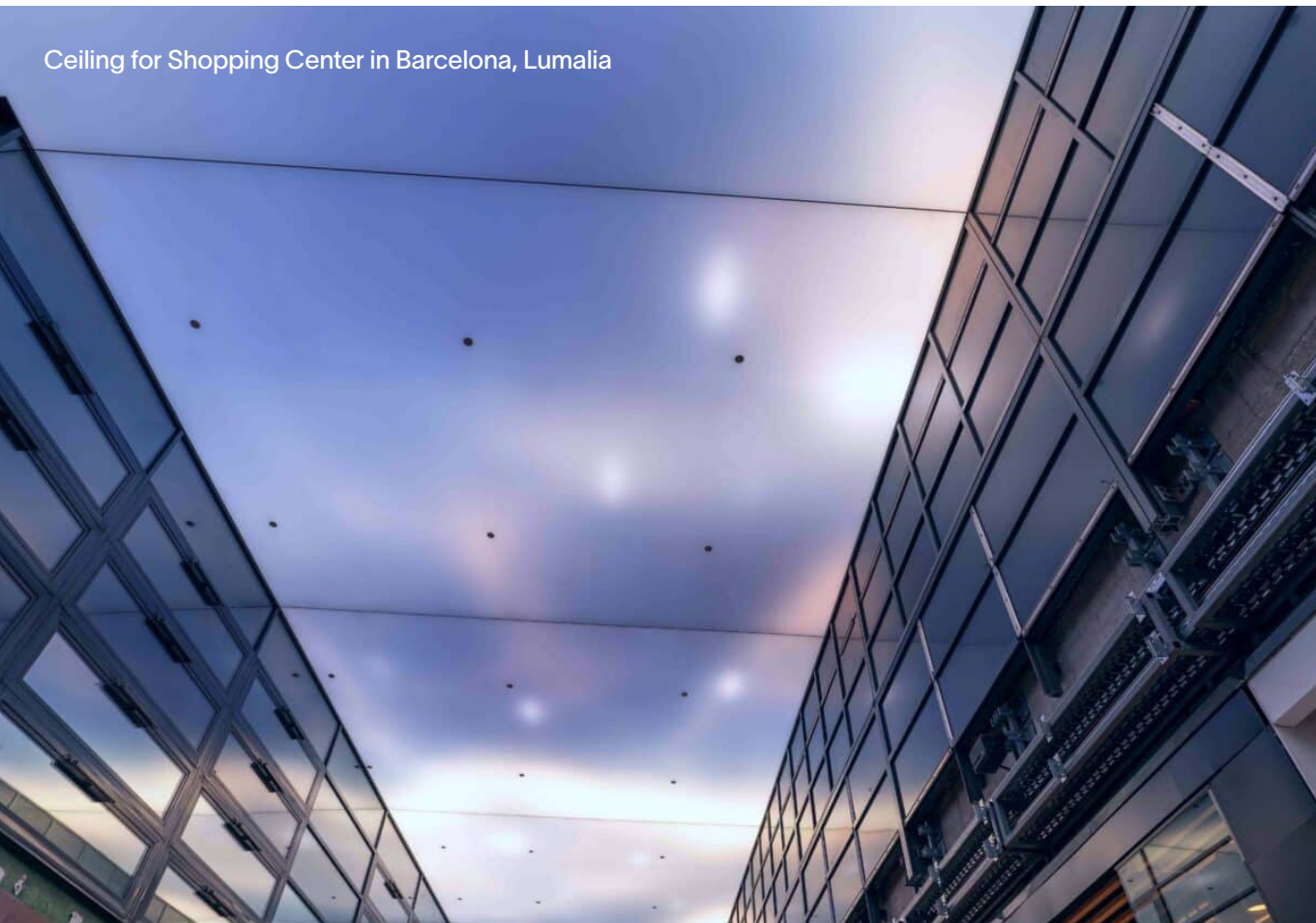
### Integrations:

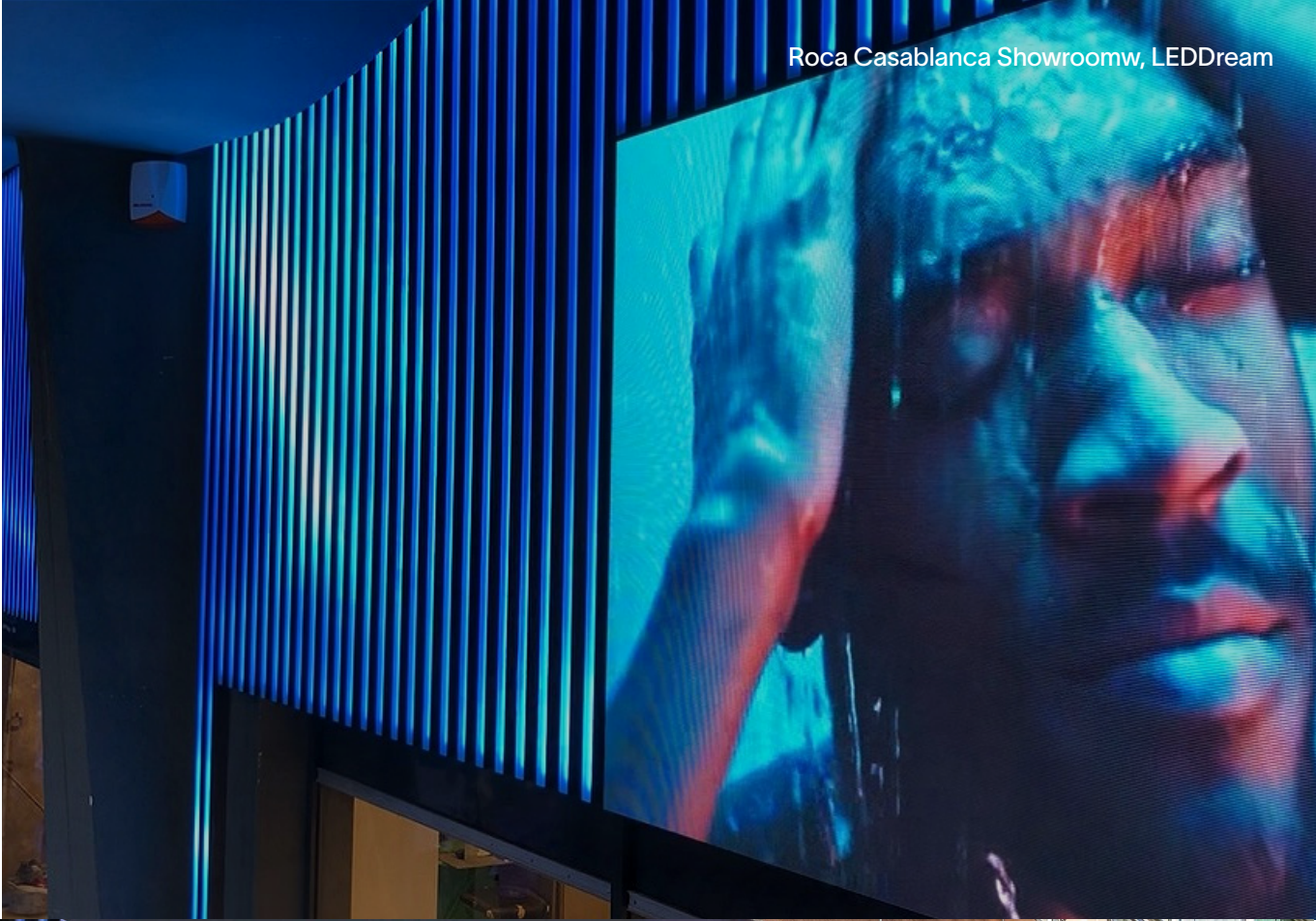
- API
- Casambi
- KNX

### Tools:

- Content Library
- Playlist <sup>SOON</sup>

Ceiling for Shopping Center in Barcelona, Lumalia





# Small Offices

## DESCRIPTION

A package perfectly tailored for small offices and meeting rooms, offering a secure, fully automated, and efficient lighting environment. Designed for ease of installation and control, this package enhances workspaces by integrating advanced features like sensors, daylight regulation, and circadian rhythm alignment.

These elements work in harmony to create an optimal working environment, fostering productivity and comfort. Additionally, the inclusion of audiovisual integration allows for a more cohesive and functional office setting.

This solution ensures that small workspaces are not only well-lit but also smartly adapted to the needs of modern professionals.

## BENEFITS

- Easy configuration of CLC and automatic behaviours from desktop.
- Easy to replicate in multiple working spaces

## AVERAGE SOLUTION TICKET

Includes Hardware, and Outlets.

€ 5.9 K

## OTHER APPLICATIONS

Small functional spaces such as Libraries or hotel's common areas.

## MAIN LIGHTING PROTOCOLS

Wired: Ethernet, DALI Gateway



## FUNCTIONALITIES

### Well-being / Lighting quality:

- On-Off + Dimming
- Tunable White
- Moods

### Energy saving:

- Daylight control (CLC)
- Sensors

### Integrations:

- API

### Automations:

- Lighting behaviours via external inputs
- Scheduling





Sala de reuniones  
Meeting Room

# Atriums

## DESCRIPTION

Transform MICE venues into dynamic spaces where lighting enhances every event. This package enables the creation of customizable, flexible lighting environments perfect for any activity, from product launches to keynote speeches.

Easily adapt lighting to different space sizes and layouts for ideal illumination. Remote management simplifies creating and implementing lighting playlists and schedules, automating your lighting for seamless event execution.

## BENEFITS

- **Enhanced Ambiance:** create captivating, theme-adaptable environments.
- **Energy Efficiency:** reduce energy use and costs with automated, efficient lighting.
- **Improved Experience:** enhance attendee engagement with dynamic lighting.
- **Easy Control:** effortlessly adjust settings for diverse event needs.
- **Flexibility:** versatile lighting for any event layout and size.

## AVERAGE SOLUTION TICKET

Includes Hardware, and Outlets.

€ 8.4 K

## OTHER APPLICATIONS

Atriums and polyvalent spaces.

## MAIN LIGHTING PROTOCOLS

Wired: Ethernet, Ethernet-DALI Gateway, Ethernet-SPI.



## FUNCTIONALITIES

### Well-being / Lighting quality:

- On-Off + Dimming
- Tunable White + RGB W
- Moods

### Energy saving:

- Daylight control (CLC)
- Sensors

### Automations:

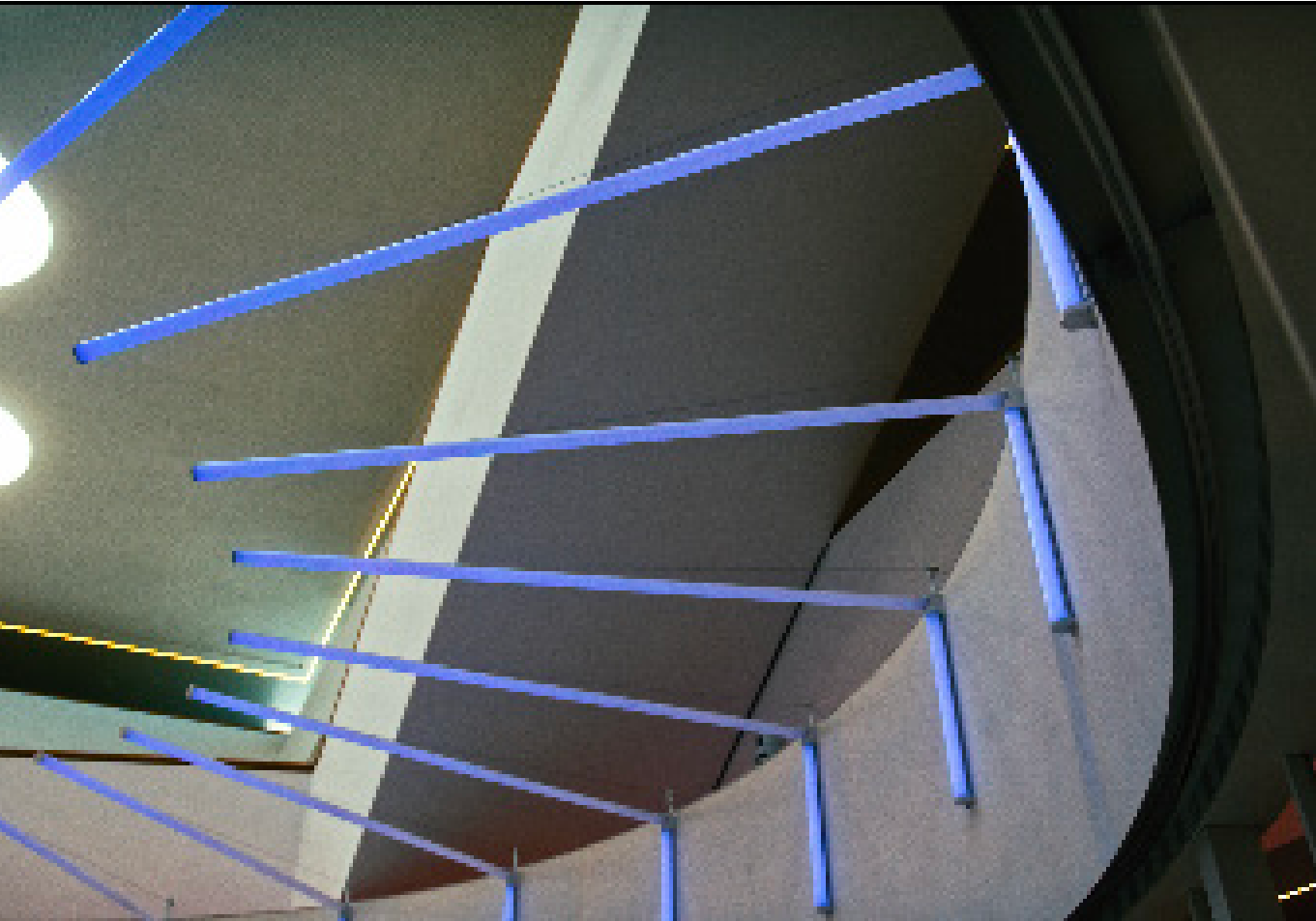
- Scheduling

### Integrations:

- API

### Tools:

- Content Library
- Playlist





# Outdoor Retail

## DESCRIPTION

The outdoor retail lighting solution package is specially designed to create dynamic, eye-catching facades and installations. It features a robust, wired, pixel-to-pixel installation, ensuring low latency and fluidity in lighting scenes, ideal for displaying engaging brand content through a variety of sources including colors, images, videos, and more.

This system is further enhanced by integration with video systems for a more impactful and immersive effect. Additionally, the ease of remote control and updates via the cloud ensures that your lighting display remains adaptable to brand's evolving needs, making it a powerful tool for captivating and engaging customers in any outdoor retail setting.

## BENEFITS

- **Brand visibility:** dynamic lighting dramatically increases brand presence and recognition.
- **Customer engagement:** captivating displays boost foot traffic and interest.
- **Content versatility:** easily showcase diverse and changing content.
- **Aesthetic appeal:** enhances the retail space's visual appeal.

## AVERAGE SOLUTION TICKET

Includes Hardware, and Outlets.

€ 14.0 K

## OTHER APPLICATIONS

HORECA facades, lighting sculptures and unique lighting objects.

## MAIN LIGHTING PROTOCOLS

Wired: Ethernet, Ethernet-SPI, ArtNet, DMX.



## FUNCTIONALITIES

### Well-being / Lighting quality:

- On-Off + Dimming
- Tunable White + RGBW
- Moods

### Automations:

- Scheduling

### Integrations:

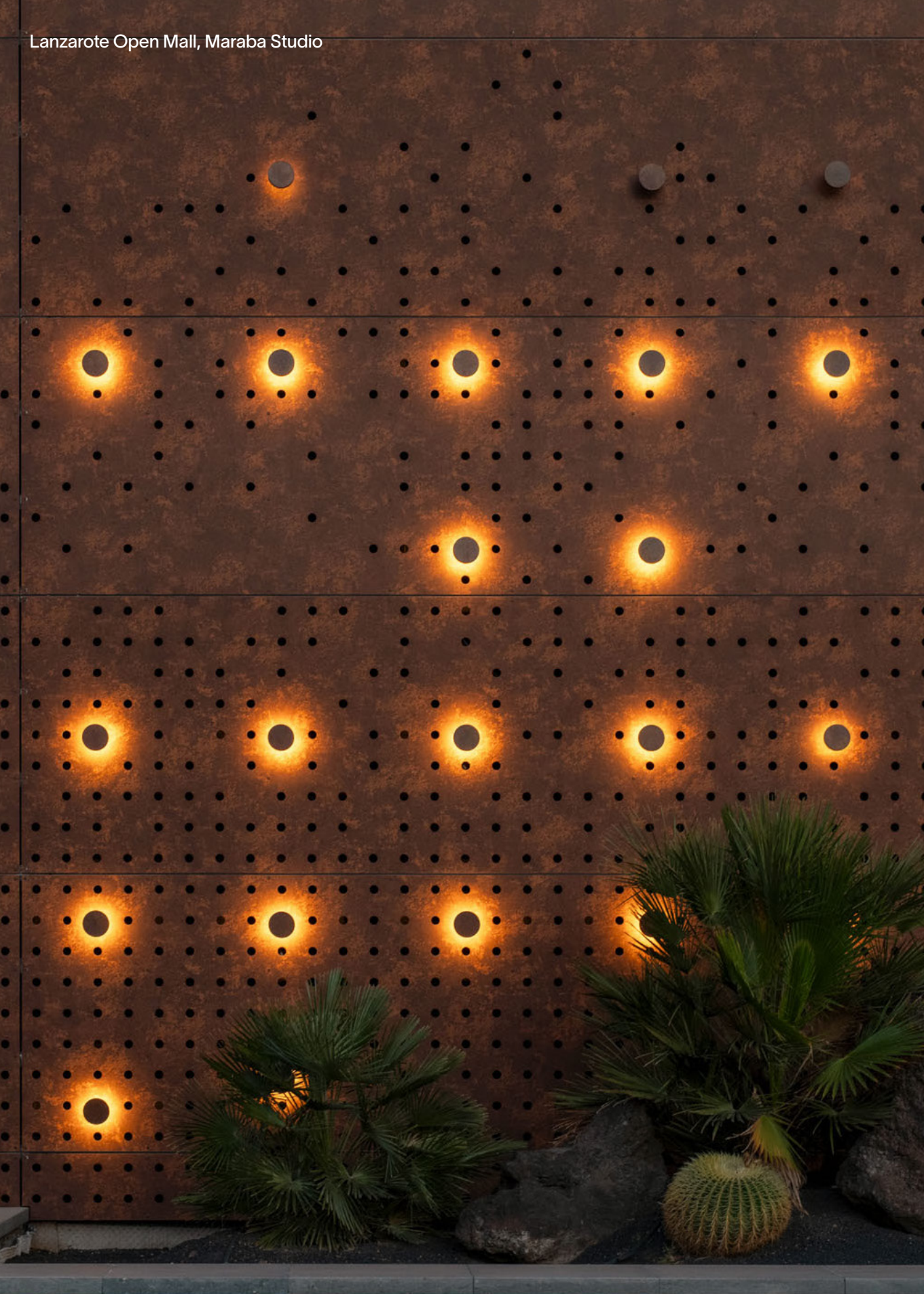
- API
- Video Codecs
- Image Formats
- Syphon, NDI
- Scripting Capabilities

### Tools:

- Content Library
- Lighting Content Preview
- Offsite mode for dynamic content









# Retail Displays

## DESCRIPTION

Our solution package is tailor-made for creating dynamic, attractive storefront window displays, enhancing store performance and customer engagement. Ideal for both seasonal and year-round displays, it turns retail storefronts into visual art pieces.

The package includes adaptable, impactful lighting for interactive branding and visual marketing, coupled with functional and experiential elements. Features like automated mood and scene scheduling, along with remote cloud control, ensure easy management and continual freshness, keeping displays engaging and effective.

## BENEFITS

- Versatility and scalability: The solution grows with your needs. You can add new luminaires or local control at any time, and it's completely wireless.
- Updatable: easily adapt lighting content or add new functionalities with the future-proof Protapixel platform.
- Easy to use: fine-tune the space by adjusting lighting features like tunable whites, brightness, speed or dynamic texts.

## AVERAGE SOLUTION TICKET

Includes Hardware, and Outlets.

€ 4.9 K

## OTHER APPLICATIONS

Energize zones.

(\*) Coming Soon

## MAIN LIGHTING PROTOCOLS

Wired: Ethernet, Ethernet-SPI.

Wireless: Wifi/Bluetooth, Wifi/Bluetooth - SPI.



## FUNCTIONALITIES

### Well-being / Lighting quality:

- On-Off + Dimming
- Tunable White
- Moods

### Automations:

- Lighting behaviours via external inputs
- Scheduling

### Integrations:

- API

### Tools:

- Content Library
- Playlist <sup>SOON</sup>

### Energy saving:

- Sensors



Acid House

COFFEE

TYPE  
NONOAN

Open  
Monday - Friday

Join the local  
movement



# Residential Plug & Play

## DESCRIPTION

The residential lighting solution package, tailored for spaces like living rooms, lounges, and bedrooms, offers the full advantages of state-of-the-art digital lighting with minimal installation effort. This user-friendly system features wireless installation and control, enabling easy management of lighting types, dimming, color, and dynamic scenes to create comfortable, human-centric environments conducive to well-being.

Ideal for both new projects and renovations, it allows end users to seamlessly adapt lighting scenes and moods to their daily lives. Experience the benefits of advanced digital lighting effortlessly integrated into your home.

## BENEFITS

- Easy installation: quick, wireless setup and user-friendly controls.
- Customizable ambiance: personalize lighting for comfort and atmosphere.
- Energy efficiency: reduces costs and environmental impact.
- Mood enhancement: adjust lighting to improve relaxation and well-being.
- Versatile use: ideal for different rooms and activities.

## AVERAGE SOLUTION TICKET

Includes Hardware, and Outlets.

€ 300

## OTHER APPLICATIONS

Small meeting rooms, small atriums.

## MAIN LIGHTING PROTOCOLS

Wireless: Wifi/Bluetooth, Wifi/Bluetooth - SPI, Wifi/Bluetooth - DALI, Casambi.



## FUNCTIONALITIES

### Well-being / Lighting quality:

- On-Off + Dimming
- Tunable White + RGBW
- Moods

### Energy saving:

- Sensors

### Automations:

- Lighting Behaviours via External Inputs

### Integrations:

- API
- Casambi
- KNX

### Tools:

- Content Library
- Playlist <sup>SOON</sup>

# Residential Plug&Play

PIXEL-TO-PIXEL LIGHTING

MEDIUM SIZE

HYBRID INSTALLATION





# General Lighting

## DESCRIPTION

The general lighting solution package, ideal for multipurpose areas and flexible workplaces, offers easy wireless installation and adaptable lighting control. Incorporating wireless, battery-free buttons and sensors, it automates lighting behavior and maximizes energy efficiency.

Seamlessly integrate this package with your building management system (BMS) via a local API for cohesive, building-wide lighting management, ensuring an efficient and responsive lighting environment for every space's unique needs.

## BENEFITS

- Convenient ongoing adaptation and reconfiguration of sensors and automated behaviors, accessible from both the desktop and app.
- Perfect for existing installations where refurbishment is not feasible.
- With flexibility and versatility, you can modify space management and readjust on the go.

## AVERAGE SOLUTION TICKET

Includes Hardware,  
and Outlets.

€ 1.9 K

## OTHER APPLICATIONS

Small Corporate Indoor.

## MAIN LIGHTING PROTOCOLS

Wireless: Wifi/Bluetooth, Wifi/Bluetooth - DALI, Casambi.



Simon  
1.3.1

## FUNCTIONALITIES

### Well-being / Lighting quality:

- On-Off + Dimming
- Tunable White
- Moods

### Integrations:

- API
- Casambi

### Energy saving:

- Daylight control (CLC)
- Sensors

### Automations:

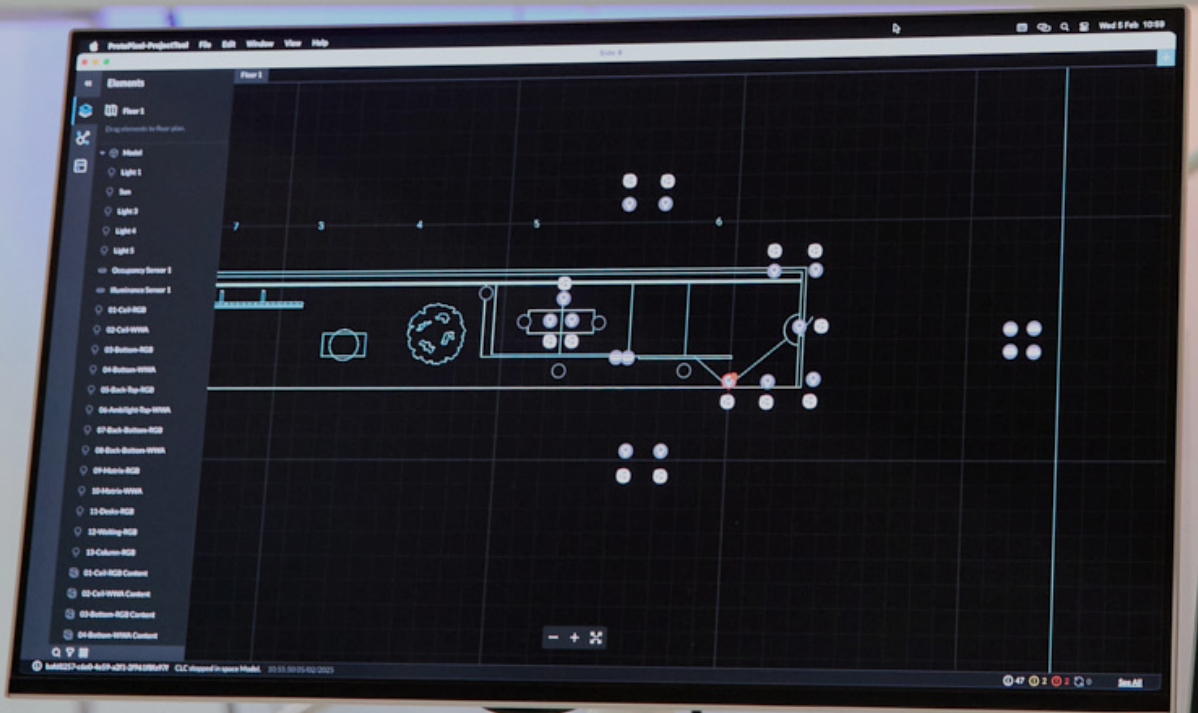
- Lighting Behaviours via External Inputs
- Scheduling







# Protopixel Products



Project Tool

# Product Classification

## Project Products

Project Products serve as centralized devices for advanced and orchestrated control, offering both wired and wireless setups for managing multiple luminaires seamlessly.

## Luminaire Products

Luminaire Products are crafted for seamless integration within or near luminaires, providing straightforward lighting solutions with an emphasis on simplicity and functionality.

## User Interfaces

User interfaces tools to enhance usability through intuitive controls.

## Software Tools

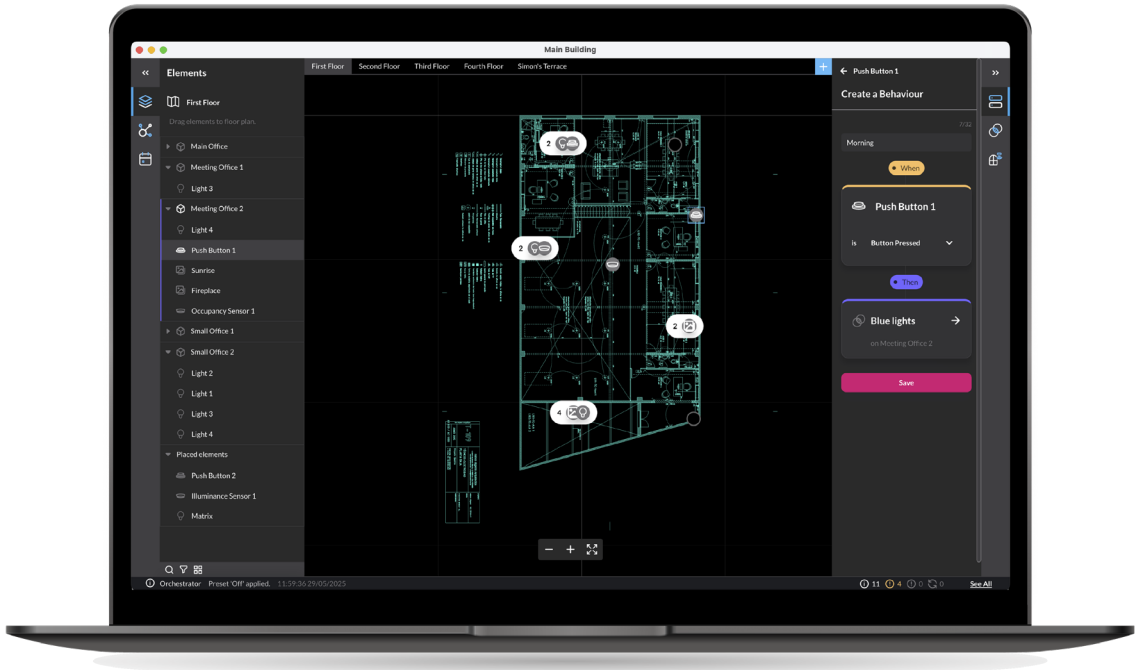
Protopixel's Software Tools facilitate project creation, design, and implementation for comprehensive lighting management through intuitive interfaces and advanced control functions.

## Accessories

Peripheral devices or additional elements, both required and useful, to complement lighting setups, enhancing functionality and compatibility within Protopixel's ecosystem.

# Software Tools

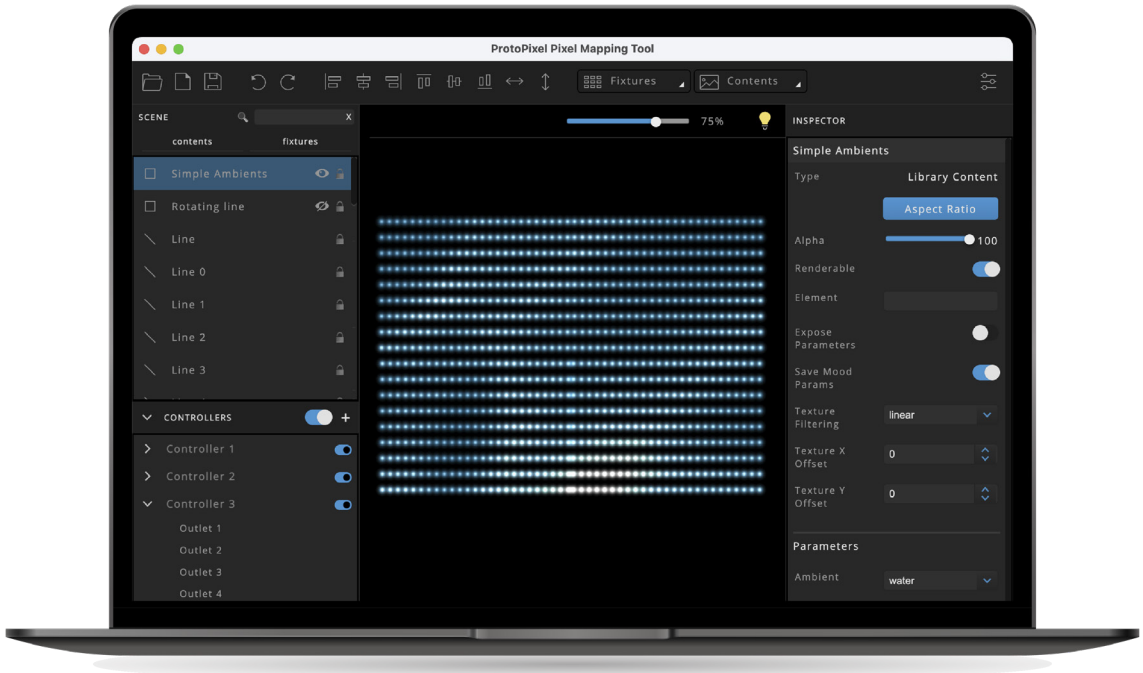
Protopixel's Software Tools facilitate project creation, design, and implementation for comprehensive lighting management through intuitive interfaces and advanced control functions.



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## Project Tool

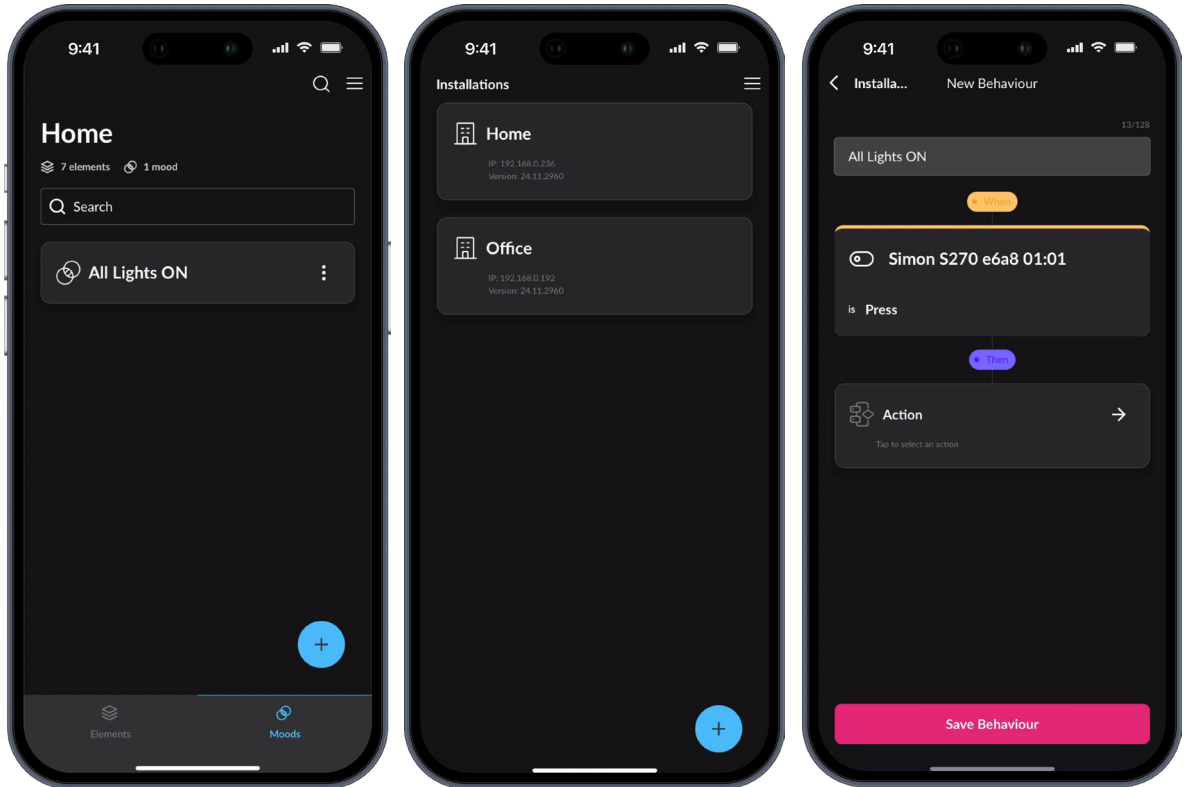
Software for managing lighting projects. It handles floorplan setup, luminaire control, space mood management, scheduler configuration, and is compatible with DALI devices. It also offers a WebSocket API for real-time control. It integrates different technologies while remaining agnostic and interoperable.



## Mapping Tool

Pixel-to-pixel control tool, supports the creation of static and dynamic lighting scenes, interactive content using Python scripts, as well as the integration of image content from other software using NDI technology.

# Software Tools



## Protopixel App

The Protopixel App allows you to connect to a Project tool installation running on a Brain on the same network. With this app, you can see and control all elements, spaces, moods, and behaviors of your lighting project, depending on their capabilities. You can also create moods and apply them, as well as create behaviors for buttons and sensors.



# Project Products

Project Products serve as centralized devices for advanced and orchestrated control, offering both wired and wireless setups for managing multiple luminaires seamlessly.

## Brains

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### Brain Experience

Autonomous, powerful, miniaturized orchestrator that integrates easily with Protapixel Controllers and all lighting systems.

### Brain

Compact orchestrator that supports one DALI universe and one DMX universe, making it highly adaptable.

### Brain PRO

Scaled-up Brain for even more robust powerful orchestrations. Coming soon.

## Gates

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### Gate Casambi

Integrate Casambi devices seamlessly into Protapixel and expand possibilities: effortless configuration, control, and real-time status overview through a floor plan interface.

### Gate SPI Wired

LED SPI controller with dual output and an integrated micro SD card reader. It can control up to 2400 RGB pixels, most IC's through Ethernet or Wi-Fi. It can orchestrate with up to 10 Gates in standalone mode.

### Gate SPI Wired Long-Range

LED SPI Controller for large-scale projects, up to 330 meters wiring, with 8 SPI outlets to control up to 9600 RGB pixel LEDs in total.

### Gate DALI Wired

Ethernet to DALI2 communication device (DT6, DT7, DT8). Allows control over 64 gears or 64 input devices.

### Gate DALI Wireless

Wireless (Bluetooth and Wi-Fi) DALI converter, for up to 15 adressable luminaires or 0/1-10V signals.



Protopixel Brain Experience



Protopixel Brain

# User Interfaces

User interfaces tools to enhance usability through intuitive controls.

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## Simon iO 270 Keypad

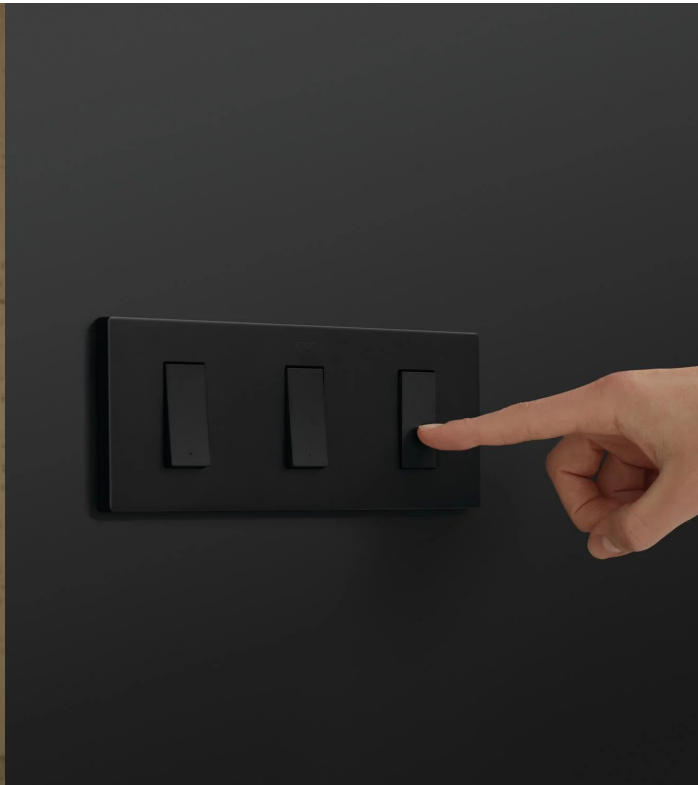
Smart switch from Simon iO 270 compatible with the Protopixel Platform.

## DALI Sensor

Input signal sensor to automate daylight functionalities or presence behaviours.

## DALI Switches

Control and manage DALI2 installations with any kind of keypads or digital input accessories for standard switches.



# Luminaire Products

Luminaire Products are crafted for seamless integration within or near luminaires, providing straightforward lighting solutions with an emphasis on simplicity and functionality.

## Enablers

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Product Enabler DALI Wireless

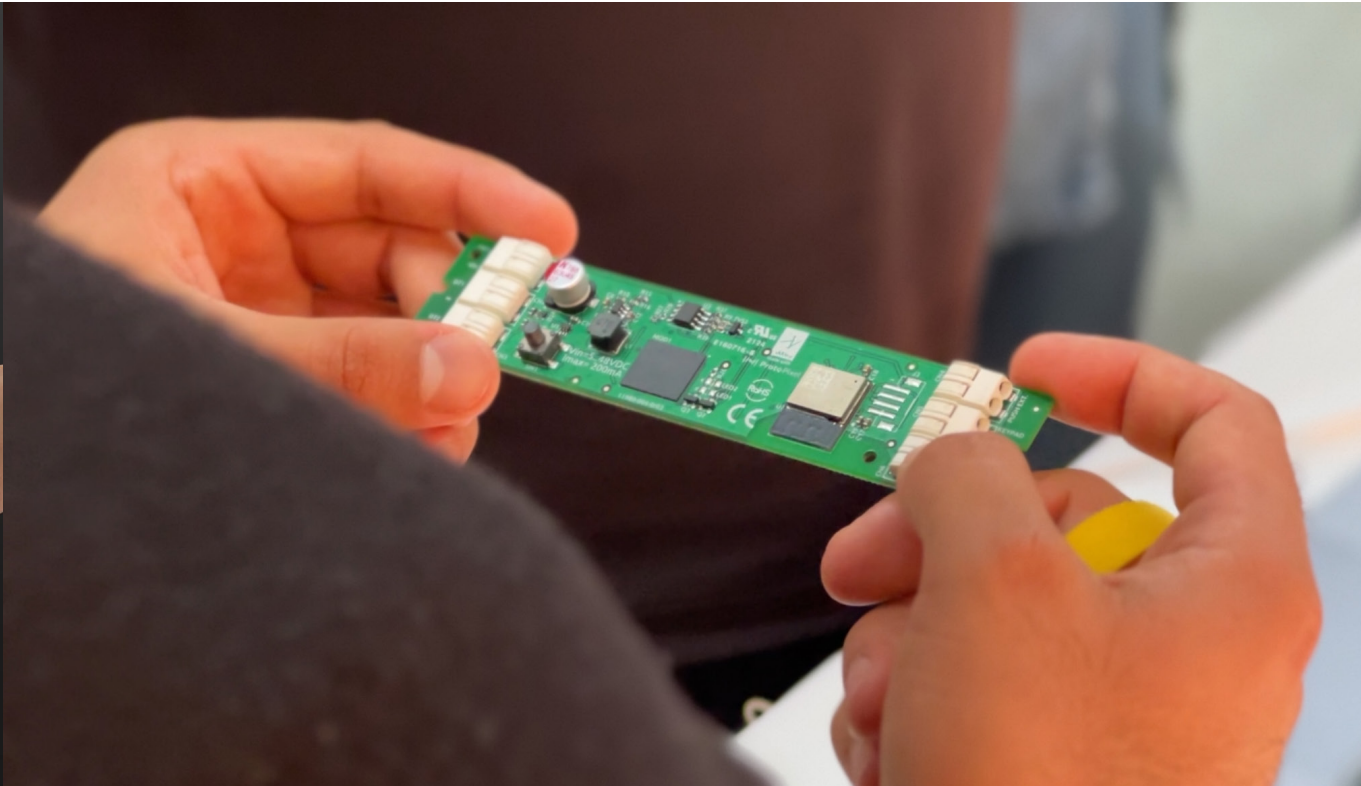
Wireless DALI converter (supports Bluetooth and Wi-Fi) designed to manage up to 15 lighting fixtures or 0/1-10V signals as a unified group.

Product Enabler PCB SPI

Compact solution for single-output pixel LED lighting. Perfect for built-in luminaires with limited space, it allows the driver to be installed remotely.

Product Enabler Chip

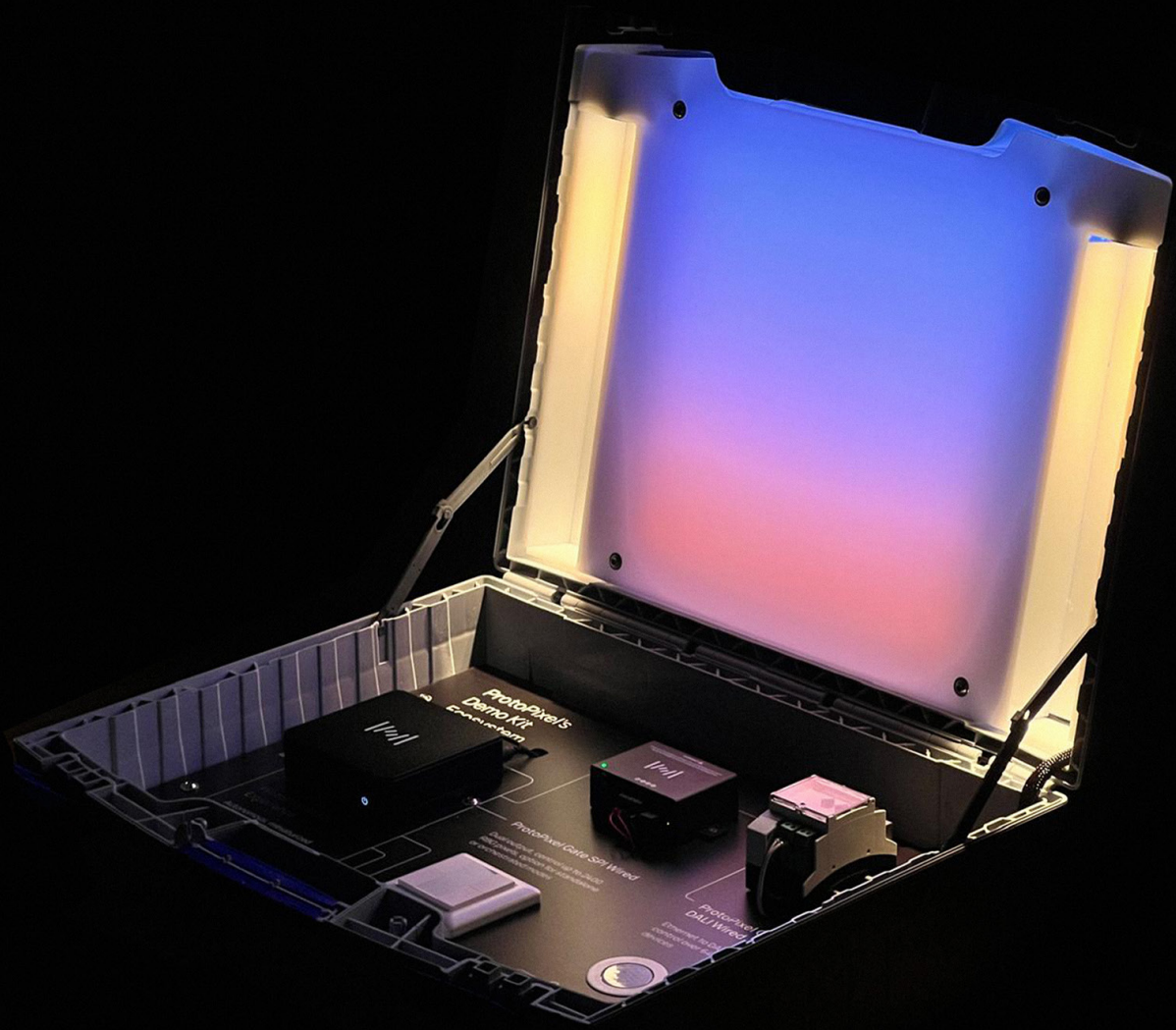
Coming soon



# Accessories

Peripheral devices or additional elements, both required and useful, to complement lighting setups, enhancing functionality and compatibility within Protopixel's ecosystem.

Network Router, DALI Luminaires, SPI LED Strips, DMX LED Strips, BUS, SPI Product, DALI Product, DMX Washer, DALI Driver, DALI Relay, DALI Switch, amongst others.



Protopixel Demo Kit for Projects

# Solution Architectures

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# Definition

DIMMING LIGHTING MEDIUM SIZE HYBRID INSTALLATION

HYBRID LIGHTING MEDIUM SIZE WIRELESS INSTALLATION

HYBRID LIGHTING MEDIUM SIZE HYBRID INSTALLATION

DIMMING LIGHTING MEDIUM SIZE WIRED INSTALLATION

HYBRID LIGHTING MEDIUM SIZE WIRED INSTALLATION

PIXEL-TO-PIXEL LIGHTING MEDIUM SIZE WIRED INSTALLATION

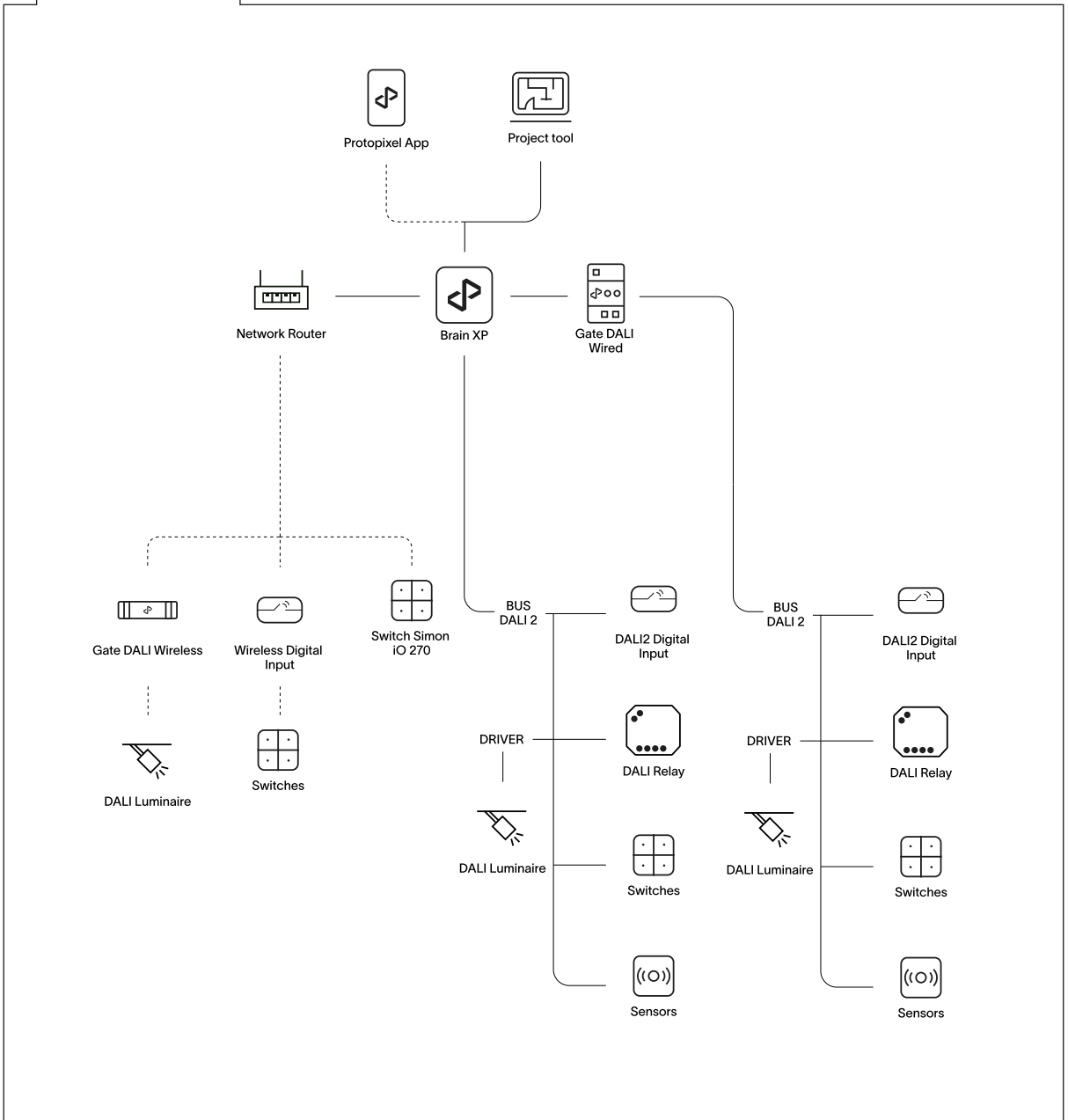
PIXEL-TO-PIXEL LIGHTING MEDIUM SIZE HYBRID INSTALLATION

HYBRID LIGHTING SMALL SIZE WIRELESS INSTALLATION















DIMMING LIGHTING MEDIUM SIZE WIRELESS INSTALLATION

# 1 Small Corporate Indoor

## ARCHITECTURE



PACKAGE OPTIONS

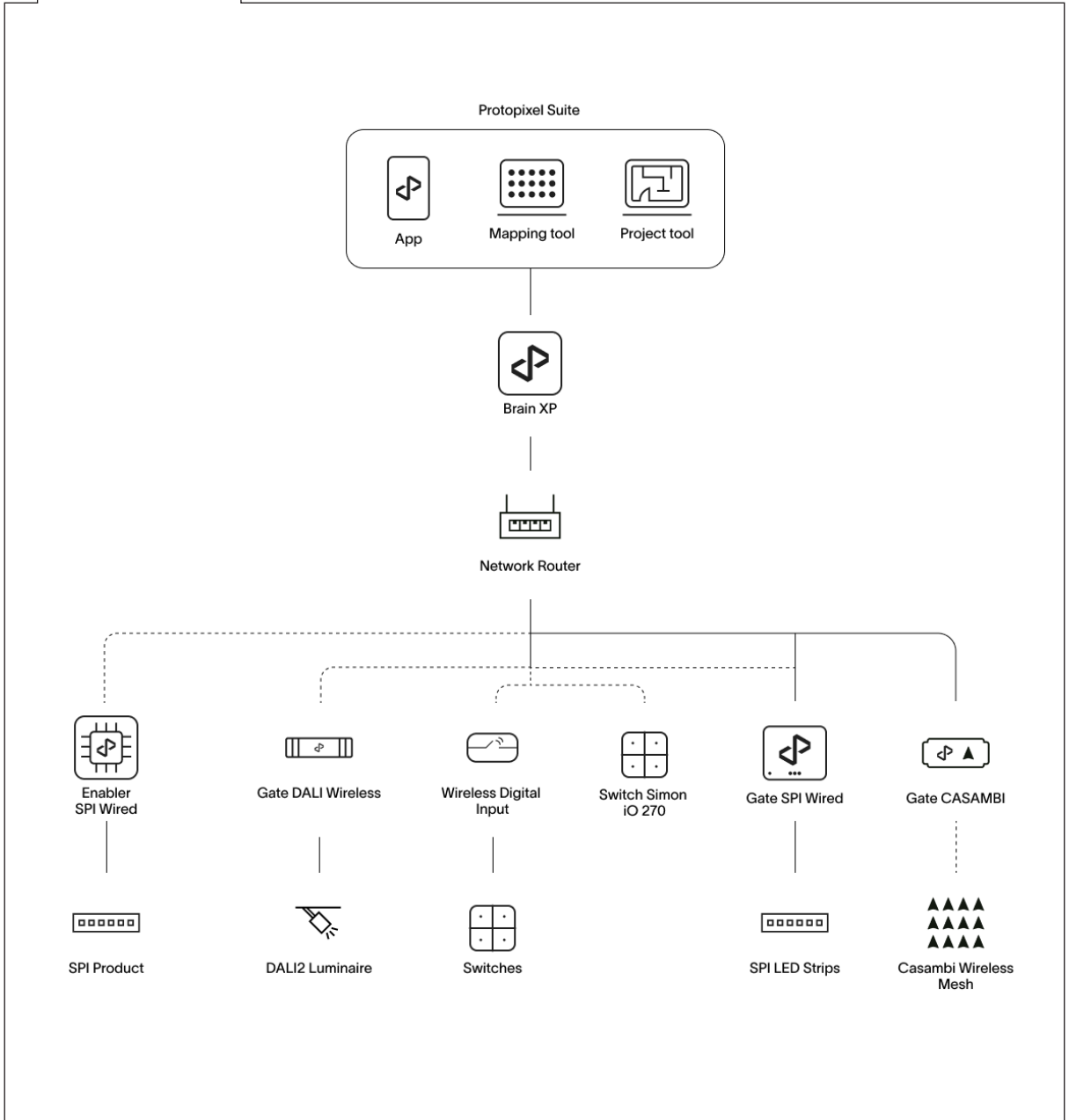
PROJECT PRODUCTS							
	Brain	Gate DALI Wired					
LUMINAIRE PRODUCTS							
	Gate DALI Wireless						
USER INTERFACES	(*)						
							
	Switch Simon iO 270	Wireless Digital Input	DALI2 Digital Input	Protopixel App	DALI2 Sensors	Standard Switch	DALI2 Switch
SOFTWARE TOOLS							
	Project Tool	Protopixel App					
ACCESORIES							
	Network Router	DALI Relay					
(*) COMING SOON							

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Wireless

















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Wired

# 2 High End Residential

## ARCHITECTURE



PACKAGE OPTIONS

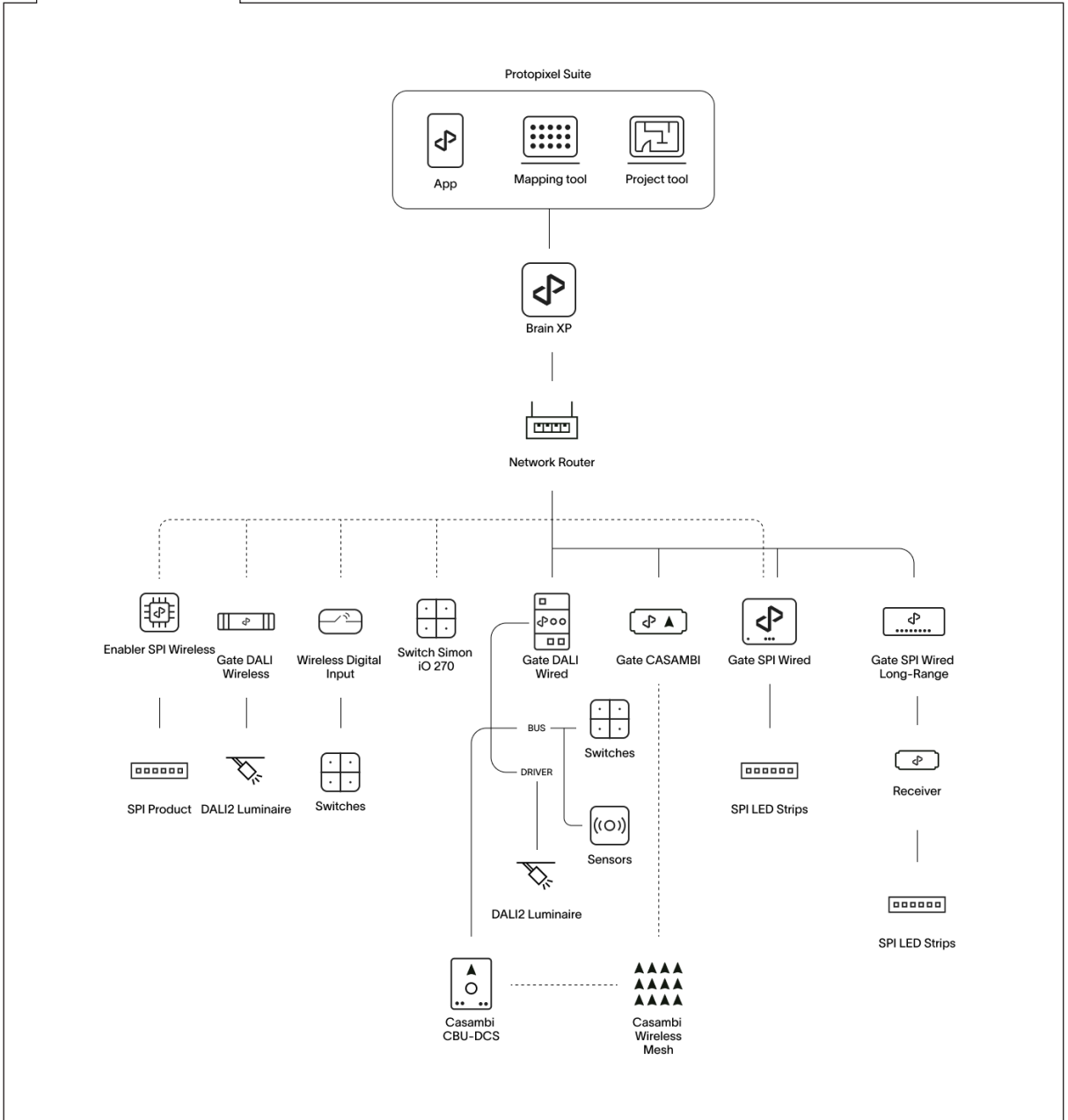
<p>PROJECT PRODUCTS</p>	 Brain	 Gate DALI Wired				
<p>LUMINAIRE PRODUCTS</p>	(*)  Gate DALI Wireless	(*)  Enabler SPI Wired				
<p>USER INTERFACES</p>	 Switch Simon iO 270	 Wireless Digital Input	 Standard Switch	 Protopixel App	 DALI2 Sensors	 DALI2 Switch
<p>SOFTWARE TOOLS</p>	 Project Tool	 Mapping Tool	 Protopixel App			
<p>ACCESORIES</p>	 Network Router	 Gate Casambi	 DALI2 Digital Input	(*) COMING SOON		

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 Wireless



















-----  
 Wired

# 3 Retail and HORECA SMEs

## ARCHITECTURE



PACKAGE OPTIONS

<p>PROJECT PRODUCTS</p>	 Brain XP	 Gate DALI Wired	 Gate SPI Wired Long-Range	 Gate SPI Wired		
<p>LUMINAIRE PRODUCTS</p>	<p>(*)</p>  Gate DALI Wireless	<p>(*)</p>  Enabler SPI Wireless				
<p>USER INTERFACES</p>	 Switch Simon iO 270	<p>(*)</p>  Wireless Digital Input	 Standard Switch	 DALI2 Sensors	 DALI2 Switch	 Protopixel App
<p>SOFTWARE TOOLS</p>	 Project Tool	 Mapping Tool	 Protopixel App			
<p>ACCESORIES</p>	 Network Router	 Casambi CBU-DCS	 Gate Casambi			

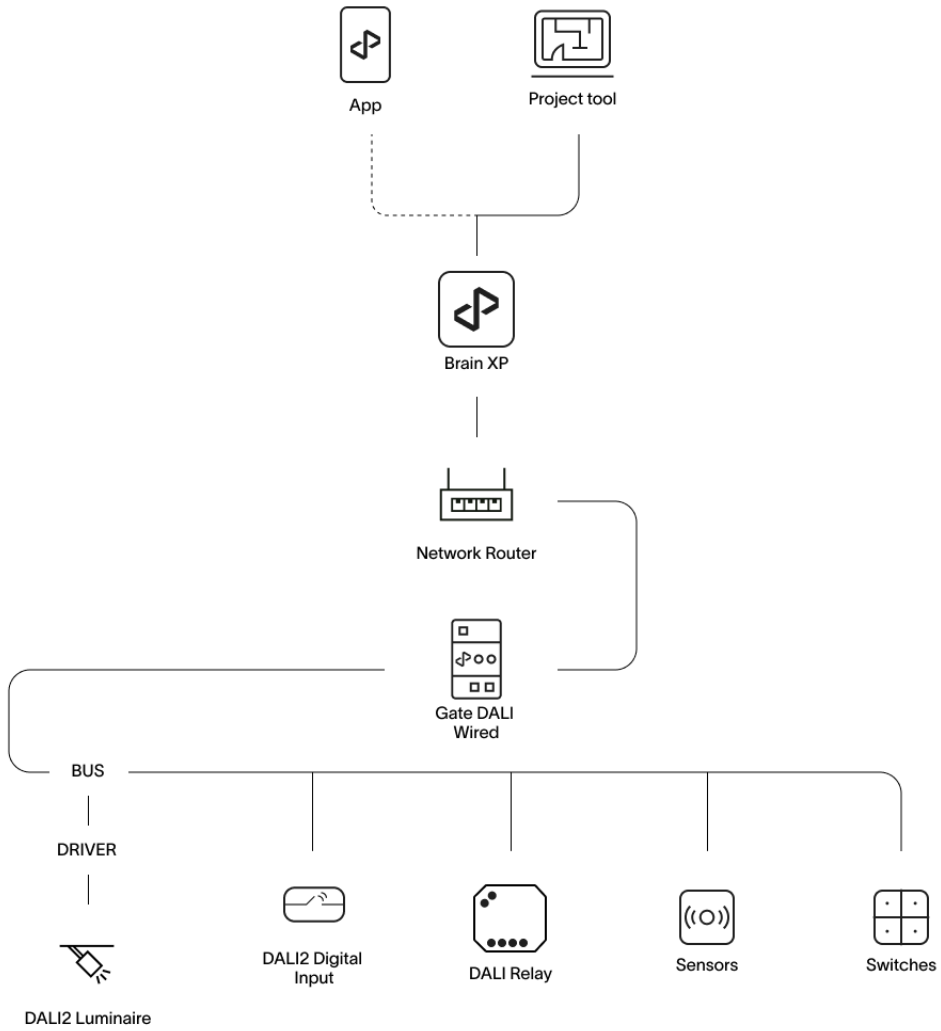
(\*) COMING SOON

-----  
 Wireless

-----  
 Wired

# 4 Small Offices

## ARCHITECTURE



PACKAGE OPTIONS

PROJECT PRODUCTS



Brain XP



Gate DALI  
Wired

USER INTERFACES



Protapixel  
App



DALI2 Digital  
Input



DALI2  
Sensors



Standard  
Switch



DALI2  
Switch

SOFTWARE TOOLS



Project Tool



Protapixel  
App

ACCESORIES



Network  
Router



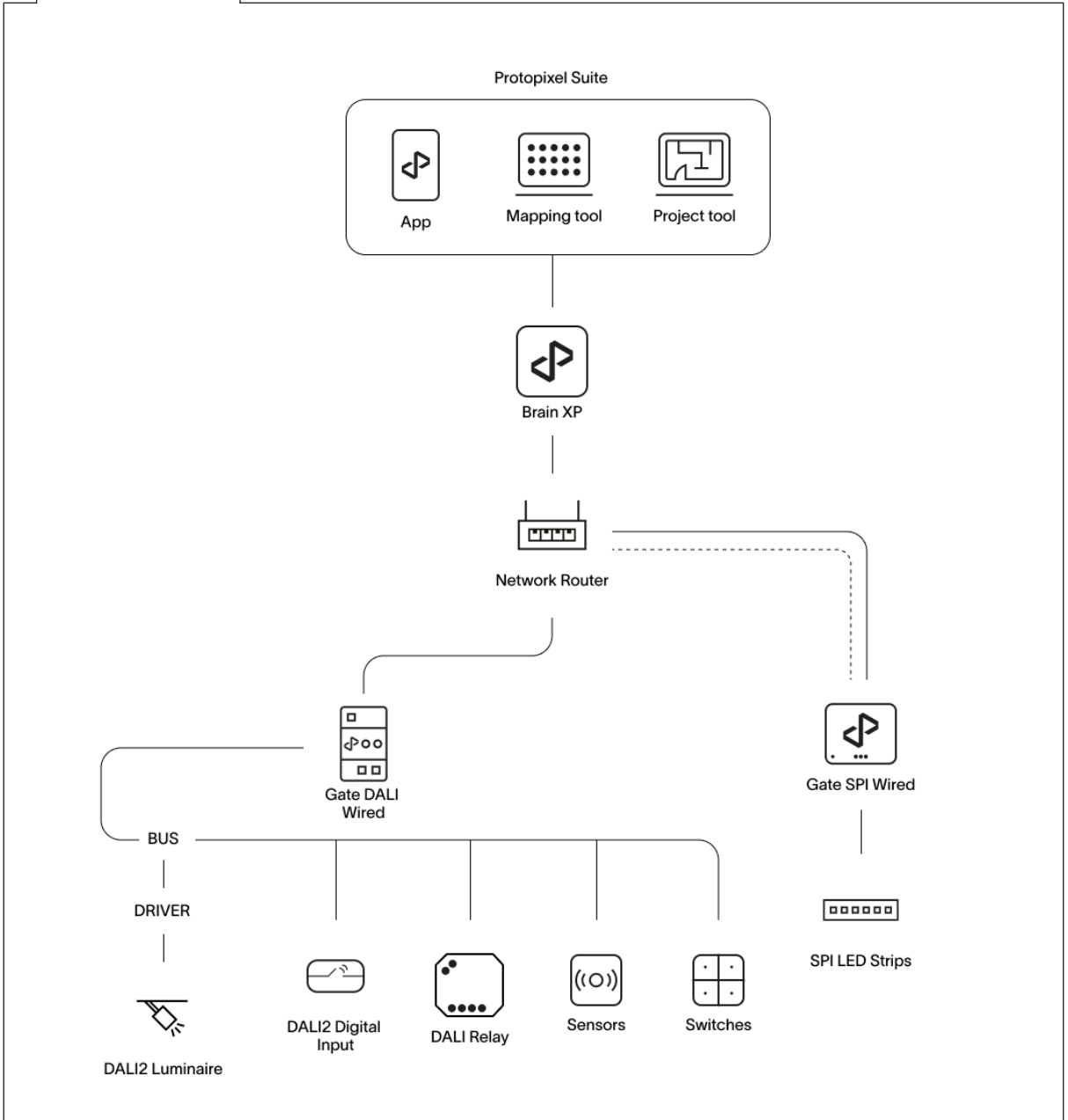
DALI Relay

-----  
Wireless














-----  
Wired

# 5 MICE Spaces

## ARCHITECTURE



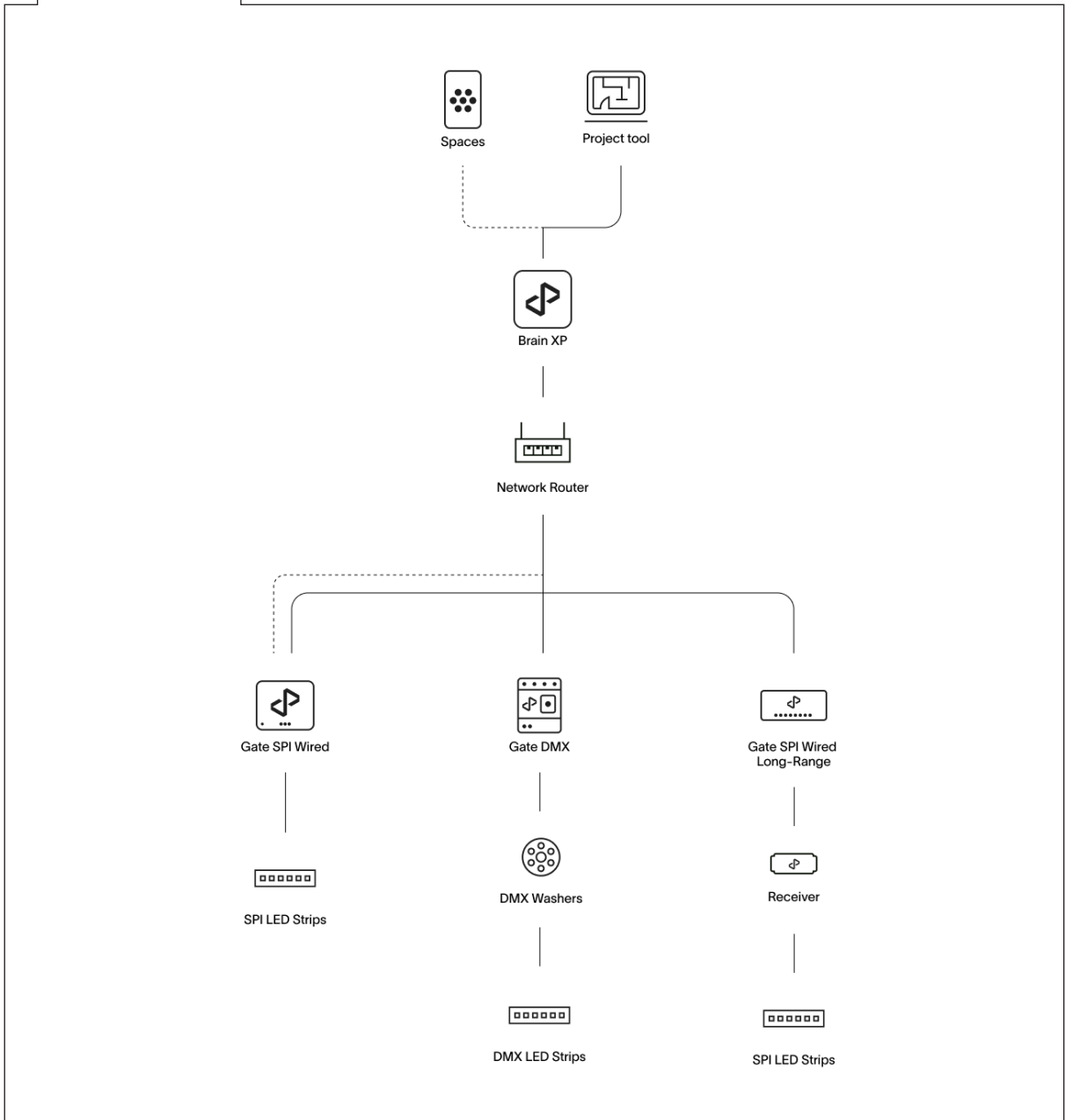
PACKAGE OPTIONS

PROJECT PRODUCTS	 Brain XP	 Gate DALI Wired	 Gate SPI Wired		
USER INTERFACES	 Protopixel App	 DALI2 Digital Input	 Standard Switch	 DALI2 Switch	 DALI2 Sensors
SOFTWARE TOOLS	 Project Tool	 Mapping Tool	 Protopixel App		
ACCESORIES	 Network Router	 DALI Relay			

-----  
Wireless

-----  
Wired

## ARCHITECTURE



## PACKAGE OPTIONS

## PROJECT PRODUCTS



Brain XP

Gate SPI  
Wired Long-  
RangeGate SPI  
Wired

Gate DMX

## USER INTERFACES



Spaces

## SOFTWARE TOOLS



Mapping Tool

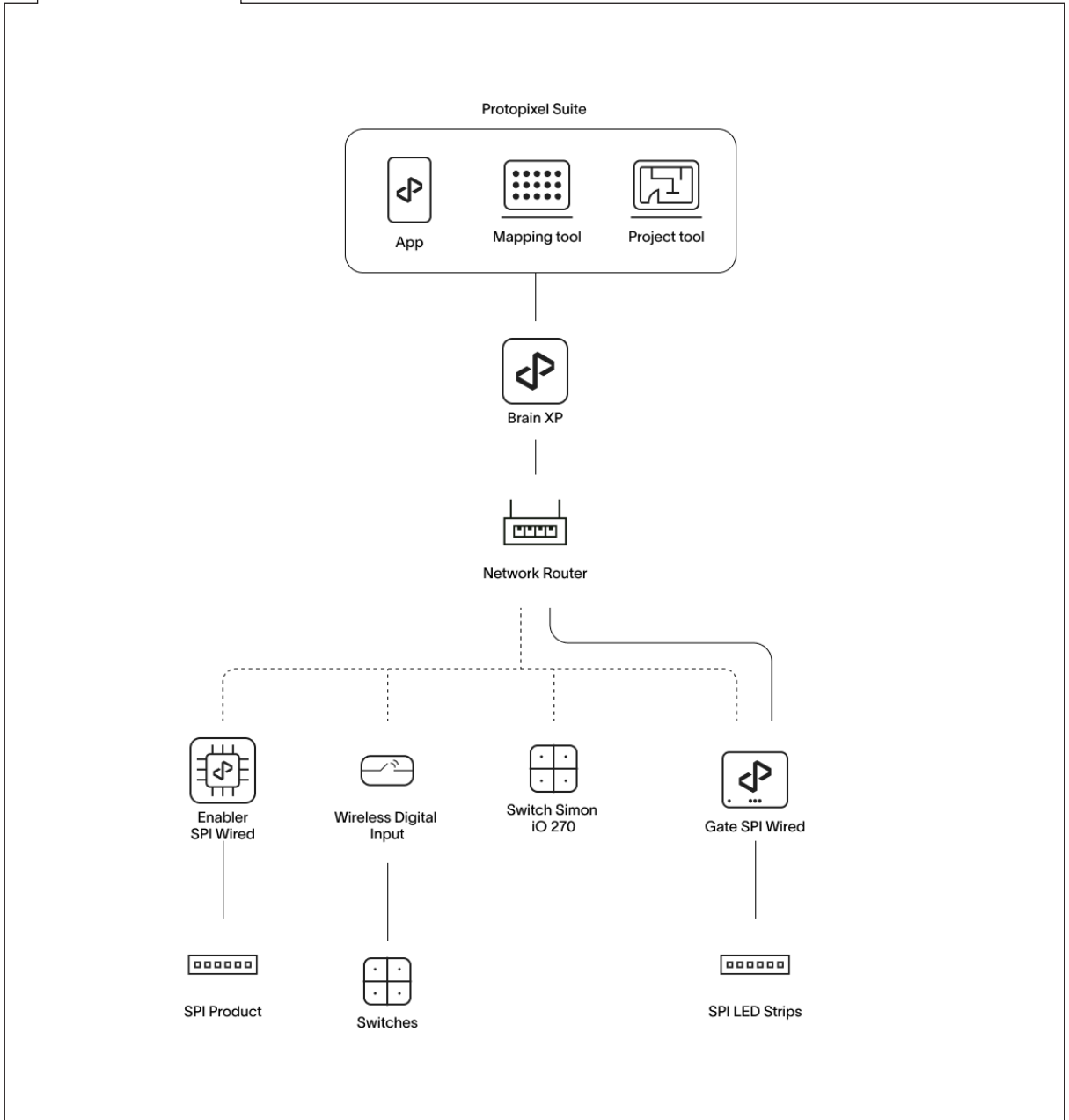


Spaces

## ACCESORIES

Network  
Router-----  
Wireless\_\_\_\_\_  
Wired

## ARCHITECTURE



## PACKAGE OPTIONS

## PROJECT PRODUCTS



Brain

Gate SPI  
Wired

## LUMINAIRE PRODUCTS

(\*)  
Enabler SPI  
Wired

## USER INTERFACES

Switch  
Simon  
iO 270(\*)  
Wireless  
Digital  
InputStandard  
SwitchProtopixel  
App

## SOFTWARE TOOLS



Project Tool



Mapping Tool

Protopixel  
App

## ACCESORIES

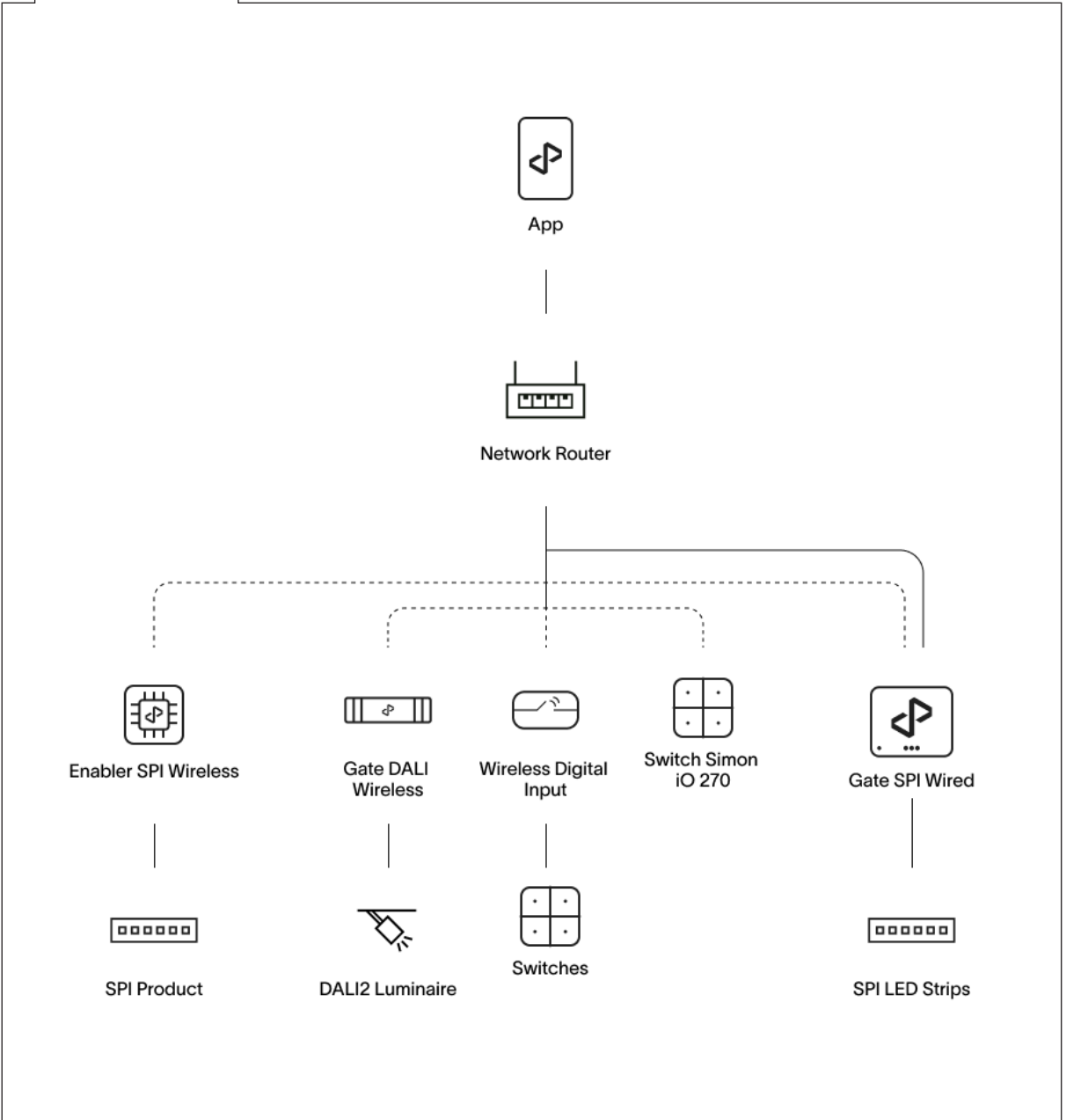
Network  
Router

(\*) COMING SOON

-----  
Wireless-----  
Wired

# 8 Residential Plug & Play

## ARCHITECTURE



PACKAGE OPTIONS

PROJECT PRODUCTS



Gate SPI  
Wired

LUMINAIRE PRODUCTS



Gate DALI  
Wireless



Enabler SPI  
Wired

USER INTERFACES



Switch  
Simon  
iO 270



Protapixel  
App



Wireless  
Digital  
Input



Standard  
Switch

SOFTWARE TOOLS



Protapixel  
App

ACCESORIES



Network  
Router

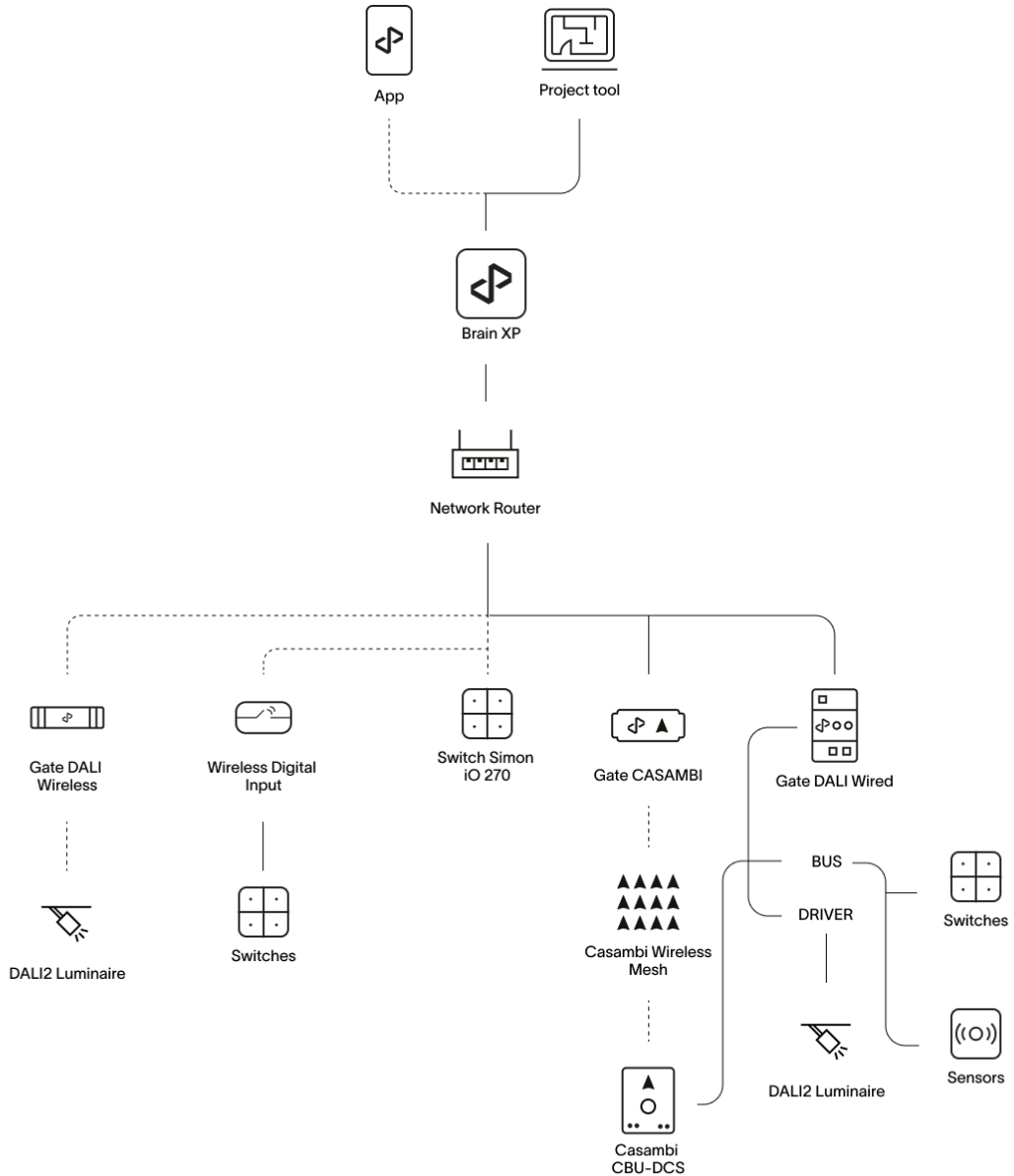
(\*) COMINGSOON

-----  
Wireless













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Wired

# 9 General Lighting

## ARCHITECTURE



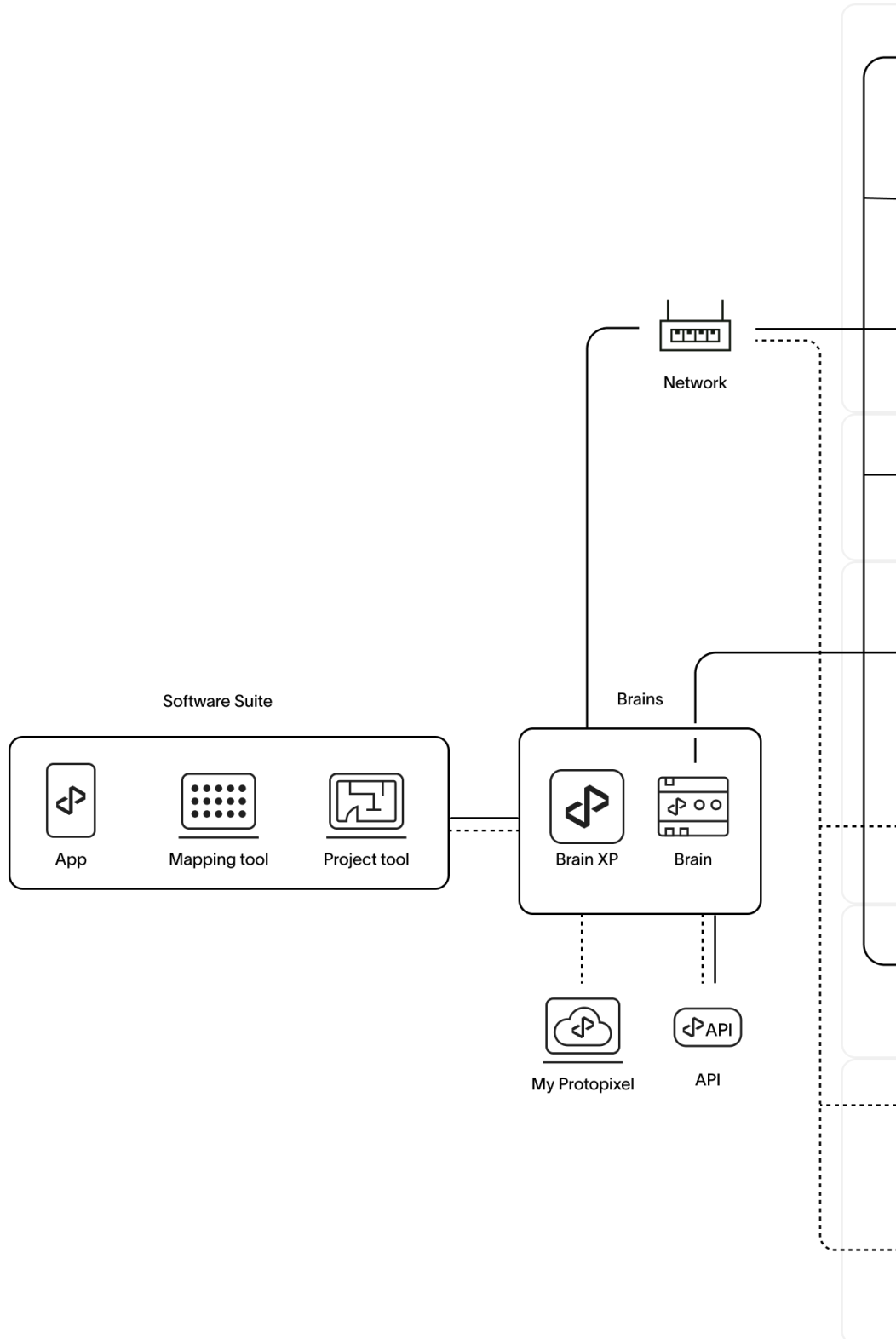
PACKAGE OPTIONS

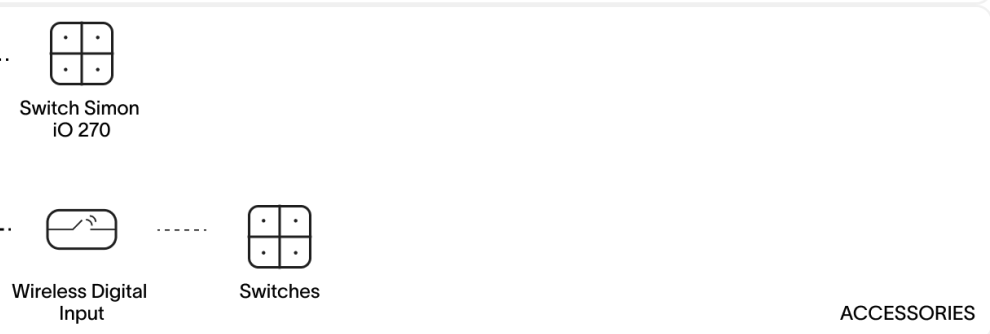
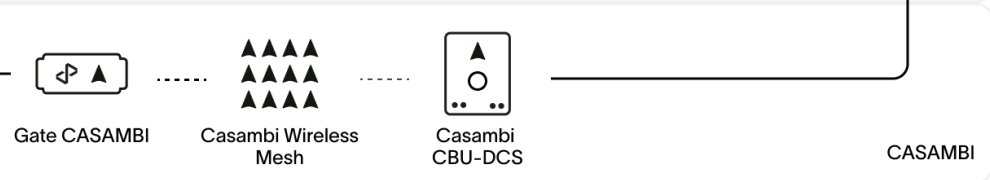
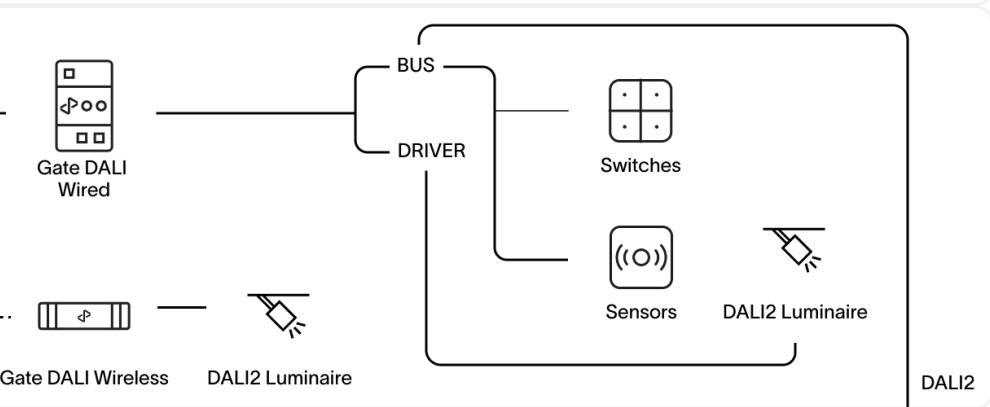
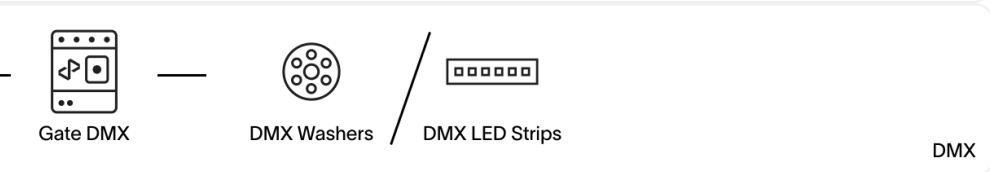
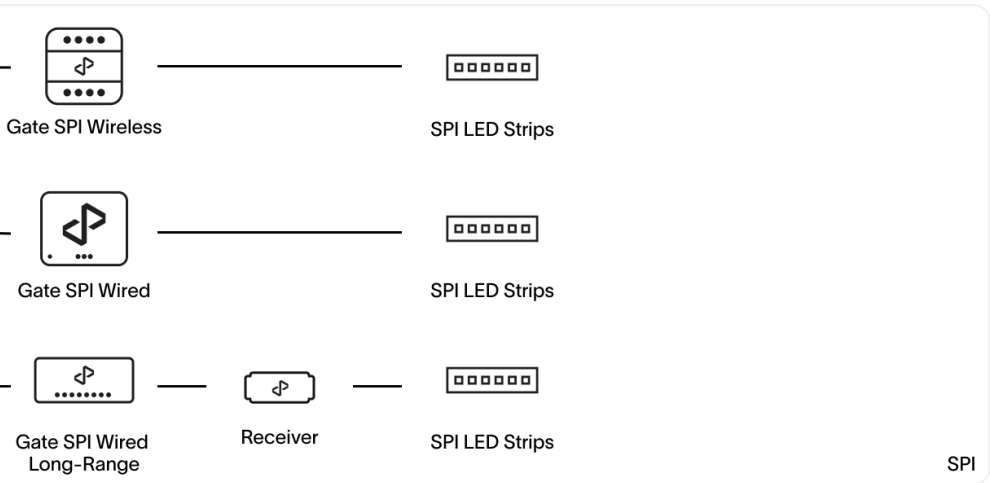
<p>PROJECT PRODUCTS</p>	 Brain	 Gate DALI Wired		
<p>LUMINAIRE PRODUCTS</p>	(*)  Gate DALI Wireless			
<p>USER INTERFACES</p>	 Switch Simon iO 270	(*)  Wireless Digital Input	 Standard Switch	 Protapixel App
<p>SOFTWARE TOOLS</p>	 Project Tool	 Protapixel App		
<p>ACCESORIES</p>	 Network Router	 Casambi CBU-DCS	 Gate Casambi	(*) COMING SOON

-----  
 Wireless

-----  
 Wired

# Protopixel's Ecosystem Architecture







For more projects and  
information go to [protopixel.io](https://protopixel.io)

2025