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LIGHT UP EMOTIONS

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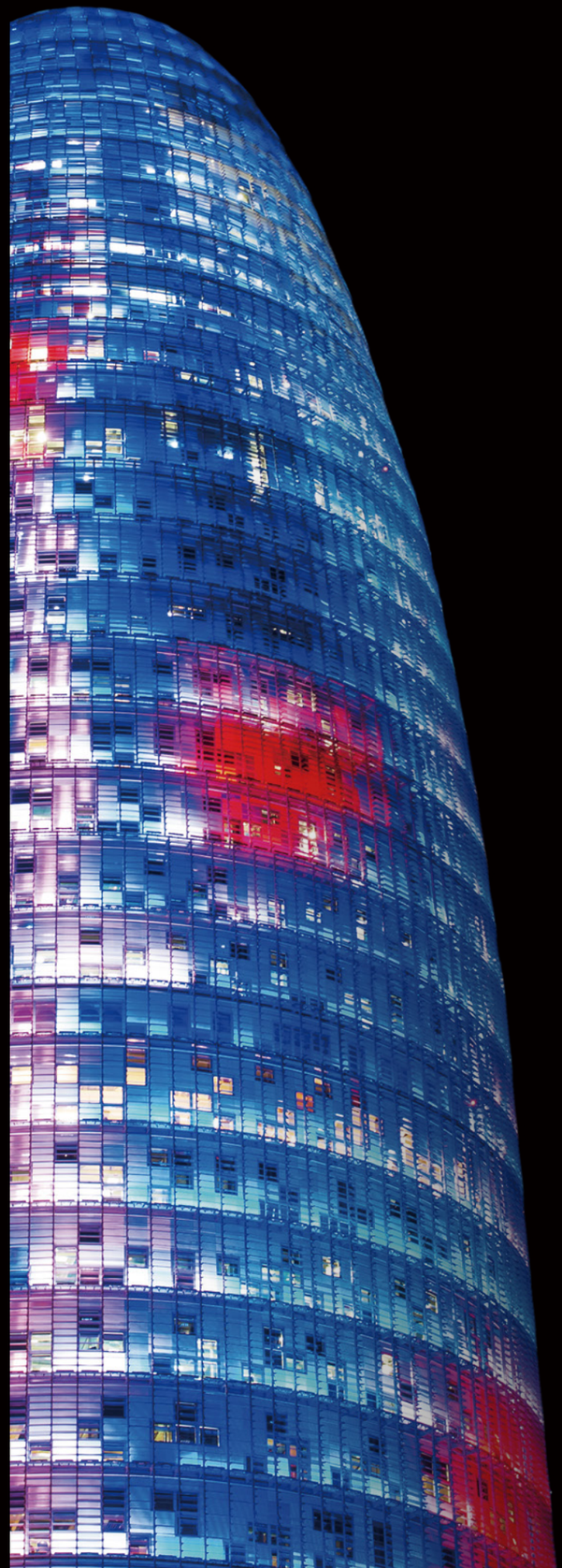

ProtoPixel

Your Vision of Light

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Space by Lighting

ProtoPixel is a people centric platform that helps transform light into personal experiences.

From functional configurations to emotional, dynamic and interactive lighting. Our technology allows users to design projects where light is perceived efficiently and impactful. It also allows the creation of a new generation of digital lighting products.

ProtoPixel Platform

As Simon’s innovative breakthrough, ProtoPixel is the platform that intergrades superior lighting control system—design, deploy, interact—materialize your vision of light.

From functional configurations to emotional, dynamic and interactive lighting, across full range commercial spaces, hotels, and projects. Design projects where light is orchestrated to be efficient, impactful and smart. Develop products with a unique lighting signature to stand out.

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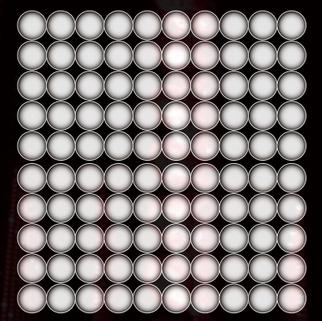
ProtocPixel

Inspiration

Point light

Linear light

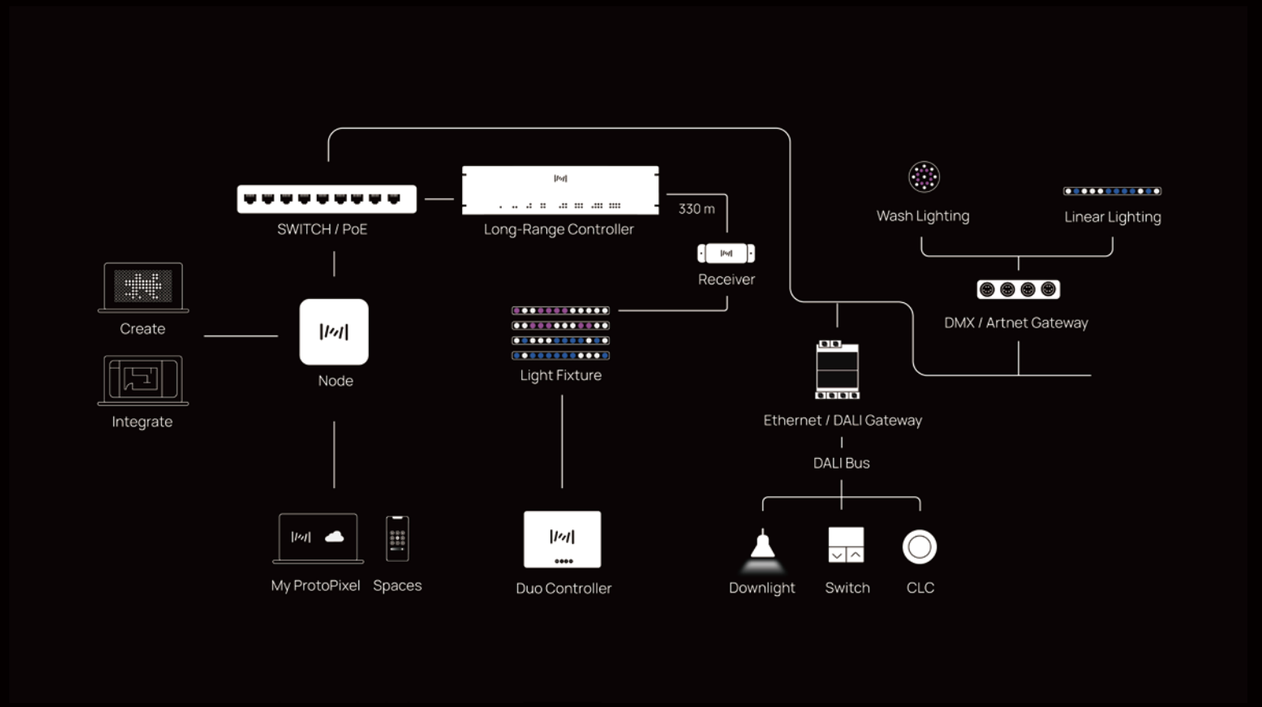


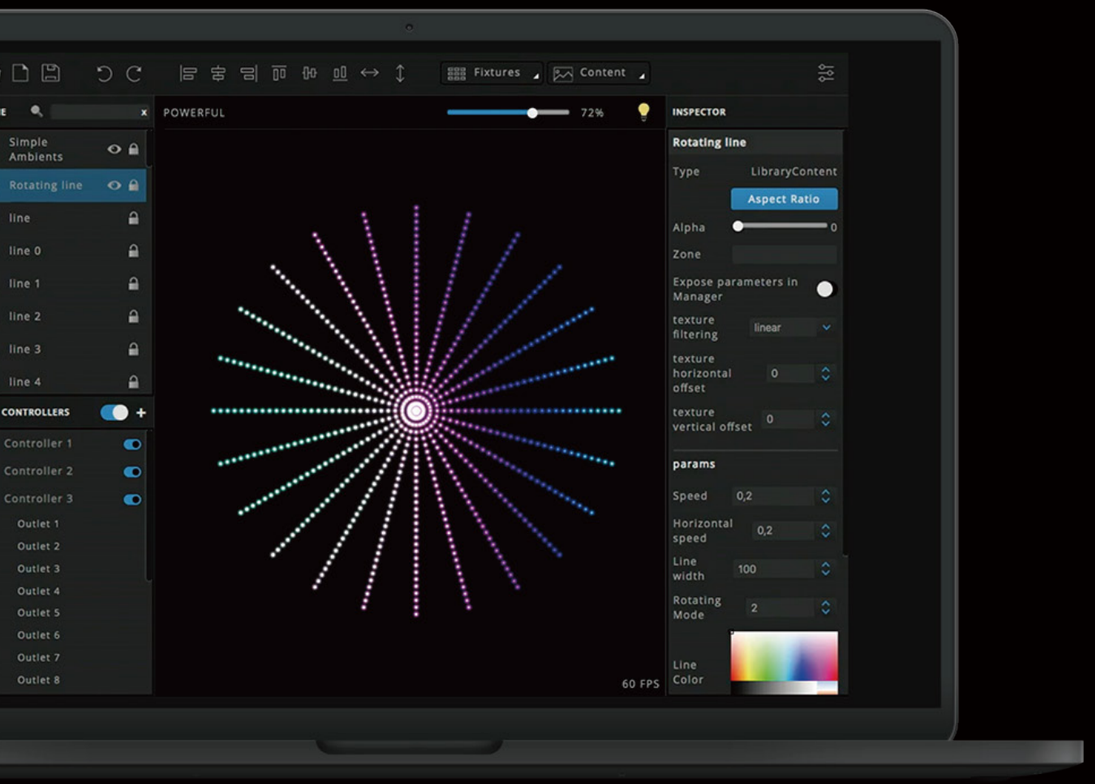
Panel Light

Back to the essence—pixel

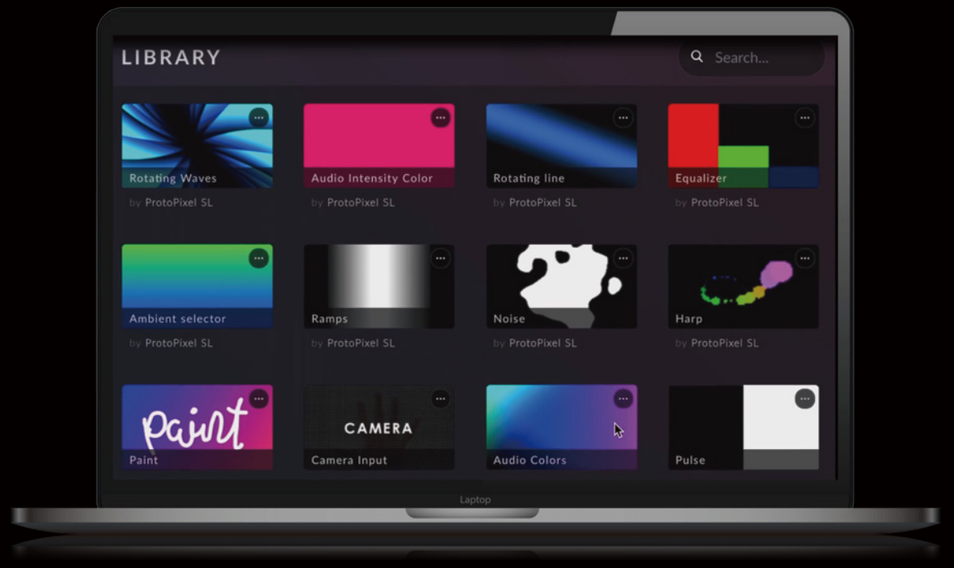
Orchestrating Light in Space and Time

From the smallest installation to the largest building, ProtoPixel makes it easy to illuminate and bring life to any space.
Transform them for increased productivity and wellbeing, energy optimization and enhanced experiences.





Bring Your Lighting Concepts to Life



Create without Constraints

Design functional and emotional moods for your spaces. ProtoPixel Create gives you all the power of high-level lighting software with all the benefits of a short learning curve.

— Full types of media formats

— All kinds of interactions

— Pictures, videos, streams, sound, gesture, touch, sensor, etc.·

Stand on the Shoulders of Giants

ProtoPixel Create has an ever-growing library of content to accelerate your designs. Access a range of pre-made designs and templates in addition to filtering tools and video, sensors and IoT data integration. Everything you need to create showstopping lighting experiences is just a click away.

What You See is What You Get

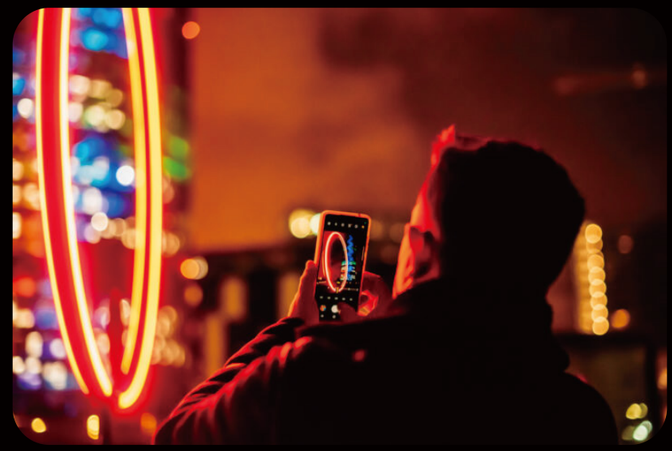
ProtoPixel Create allows real time interaction, making it easy for demonstrating lighting design concepts and its feasibility, which especially matters in sound-light, person-light interactions. The ability to make fast and agile adjustments also vastly improves project efficiency and reduce repeat, redundant communication.

Interfaces

ProtoPixel Spaces is the easiest way to interact with powerful lighting experiences using your mobile device

Group your lighting elements into physical spaces and control them in the distribution you like most.
Fine-tune your Spaces by adjusting lighting features like tunable whites, brightness, speed or dynamic texts.
Trigger lighting moods with physical switches, integrate with sensors, audiovisual solutions, and Building Management Systems and see how your lighting experience improves drastically - the possibilities are endless.
Rules can be triggered by everything from time of day, moods, sensors, and switches to APIs.

Showcase



Barcelona Iconic Glòries Tower Interactive Light Show

ProtoPixel managed the interaction between tower, tablets, and the crowd. For the first time visitors were able to interact and control Barcelona's signature building—Torre Glòries. The ProtoPixel platform made it possible to engage participants, showcase landmarks in a memorable way.

ProtoPixel Platform

Power, comes from simplicity

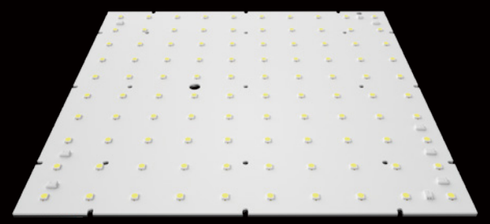
ProtoPixel Node

- Centerpiece of your installation
- Orchestrate lighting elements via various protocols, bring your vision of light to reality
- Store hundreds of projects in one single device
- Suitable for medium to large projects
- Pairing with Duo is recommended.

ProtoPixel Duo

- Control directly via WIFI, or through wired network.
- Can be used in smaller areas, or connects to Node as part of a large project
- Each unit can handle up to 2400RGB or 1800RGBW SPI pixels.

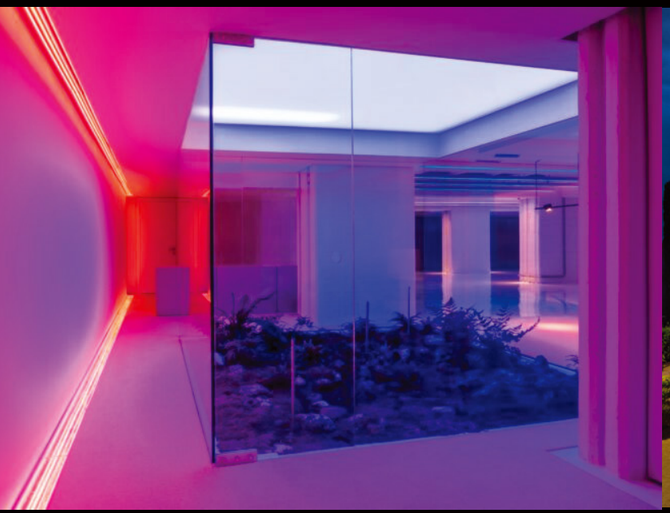
RGBW LED Plate



- 12×12 LED chips, RGBW LED aluminum substrate
- Display colorful, interactive video content. From functional lighting to emotional, dynamic and interactive lighting, all covered.
- Endless possibilities for wall and ceiling design.

RGBW Strip

- 12V, 60 LED chips per meter, RGBW strip light
- Accurate color, soft and emotional lighting.
- Extra option with tube cover



One platform
Endless uses

Applications

Retail, Office, Gym, Hospital, Commercial, Hotel,
Exhibition, Project

Effects

Retail, Office, Gym, Hospital, Commercial, Hotel
Exhibition, Project, Dynamic lighting, Ambient
lighting, Interactive LED wall,Sound-light
interaction devices, etc.

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LIGHT UP

EMOTIONS