

**USAI**<sup>®</sup>  
Lighting



POWER OVER  
ETHERNET

A New Way to Integrate Lighting

# Power Over Ethernet Lighting

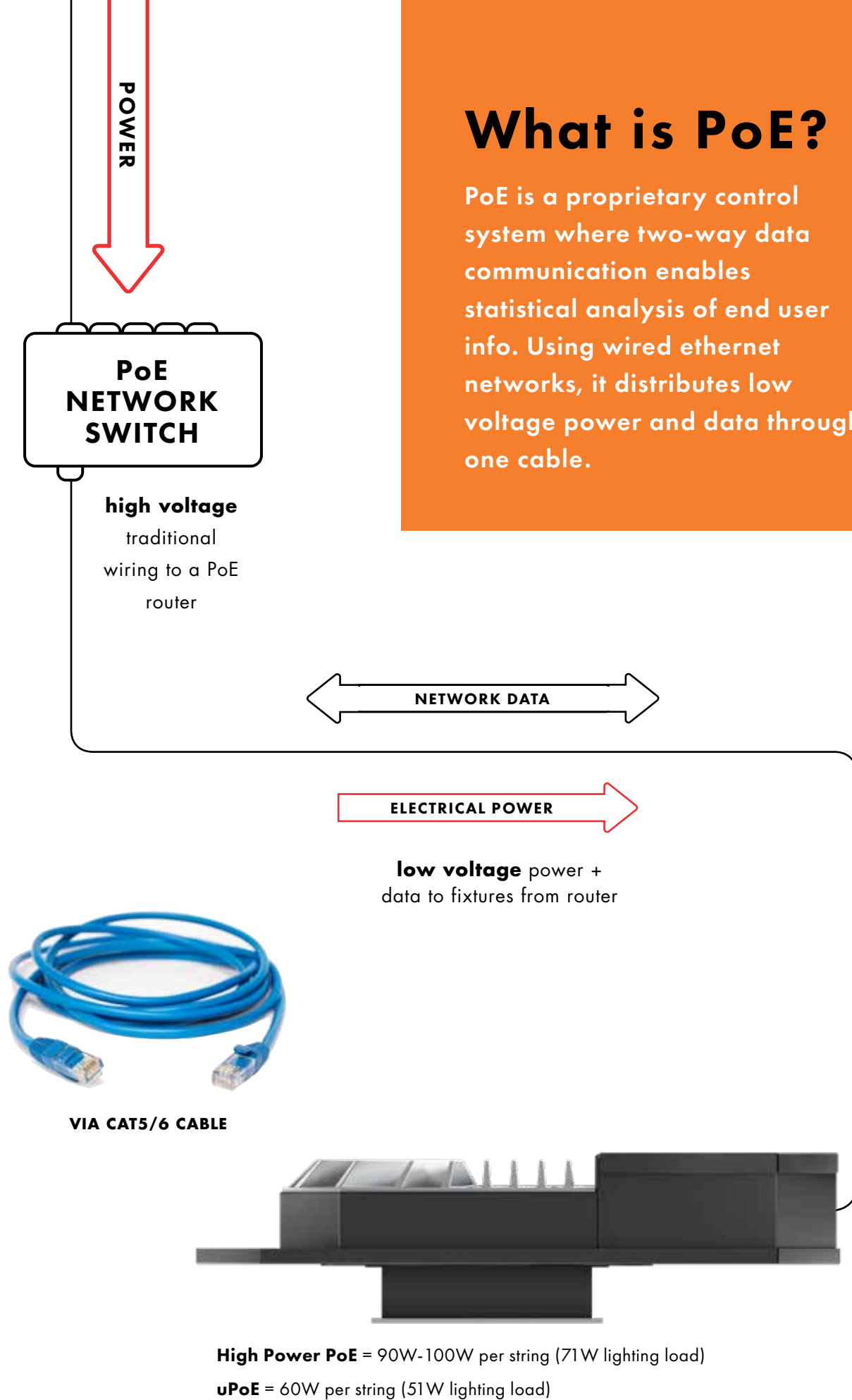
Power over the Ethernet (PoE) projects are gaining momentum with smart building solutions focusing on collecting data points and feedback, energy efficiency and sustainability goals.

USAI Lighting has successfully completed many thousands of square feet of PoE lighting installation and has a growing list of projects in various planning stages. We can offer the guidance specifiers need with the proven experience to ensure successful outcomes with the quality and high-performance products you've come to rely on – with compatibility to all major PoE providers.



## What is PoE?

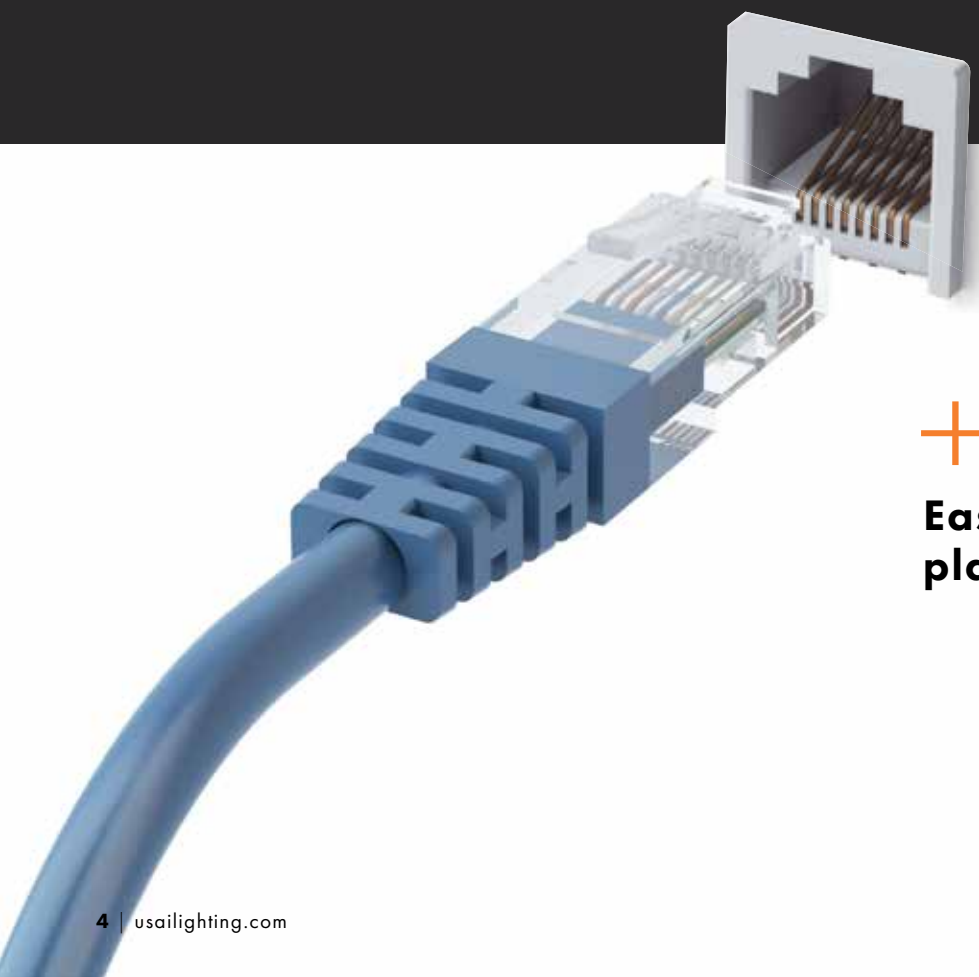
PoE is a proprietary control system where two-way data communication enables statistical analysis of end user info. Using wired ethernet networks, it distributes low voltage power and data through one cable.



# Why PoE?

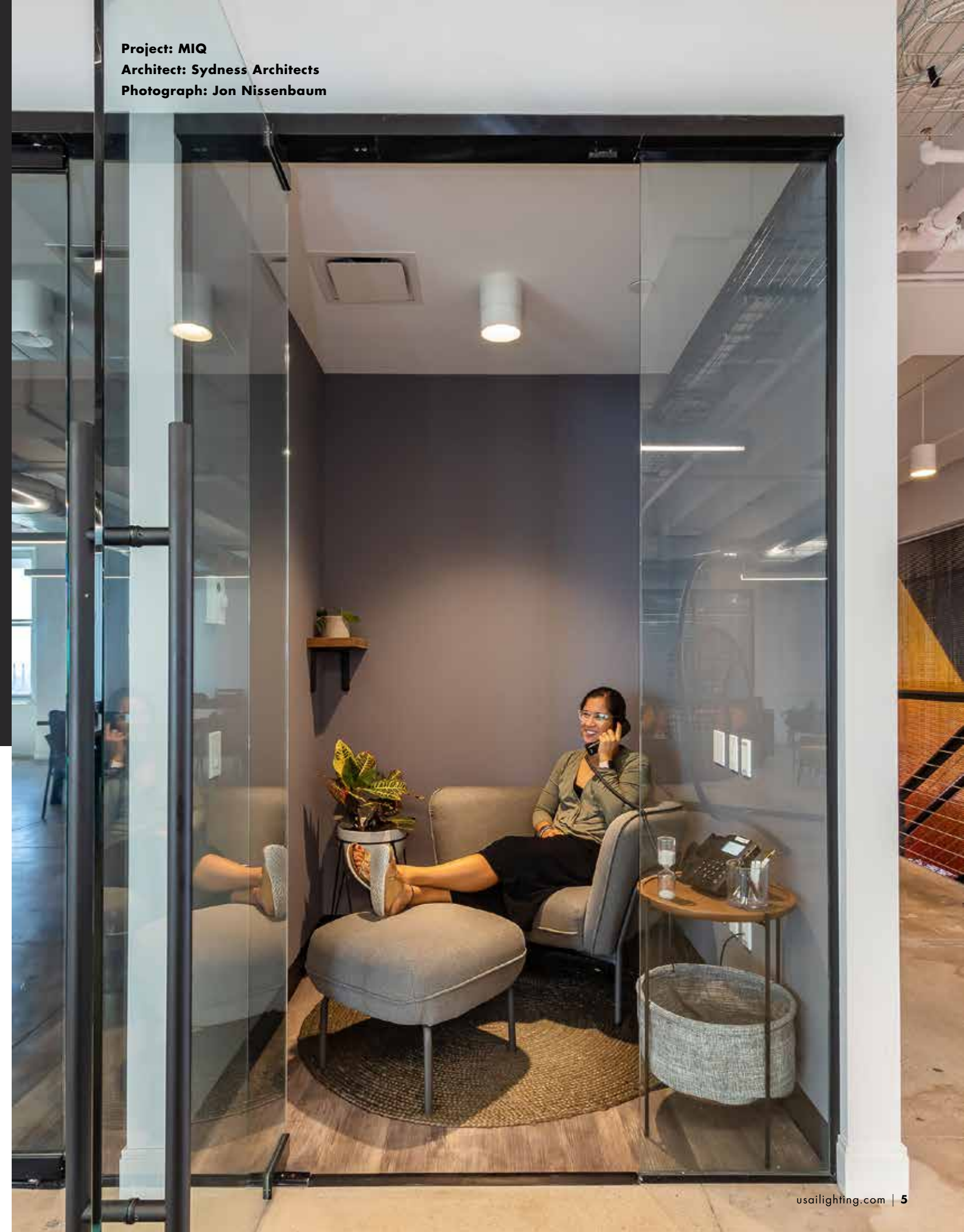
## Benefits and features include:

- Plug and play wiring– simply push to make connections
- No junction boxes or metal conduits required
- Simplified wiring – CAT cables are already used on the jobsite
- Low voltage class II wiring – wiring and install by network administrators
- Digital assignments of control zone, independent of physical wire connections
- Total building integration provides centralized commissioning of dimming level presets and sensors



**Easy Plug and  
play wiring**

Project: MIQ  
Architect: Sydness Architects  
Photograph: Jon Nissenbaum



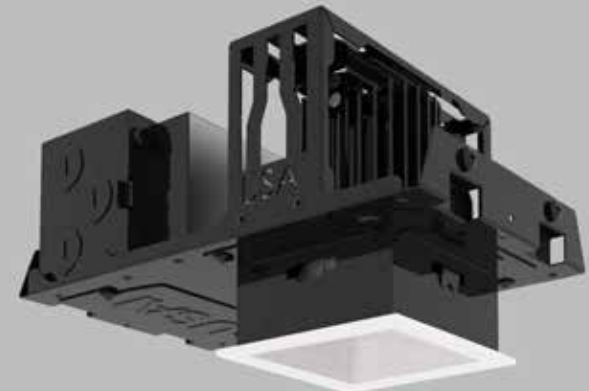
# USAI Lighting's PoE-Ready Products

Easy to specify and available on our website, USAI offers a complete collection of internet-connected, plug-and-play PoE products including: **BeveLED Mini®**, **BeveLED® 2.2**, **BeveLED Mini® Cylinder** and **BeveLED® 2.2 Cylinder** Families. We continue to add to our offerings. Ask the USAI Lighting team for other fixture styles.

- Source: LED
- Aperture: 3", 4.5"
- Source Lumens: 1150 – 2475lm
- Delivered Lumens: 775 – 2050lm
- Wattage: 9W – 24W
- Beamspreads: 20° - 90°, WW



BeveLED 2.2 PoE



BeveLED Mini PoE



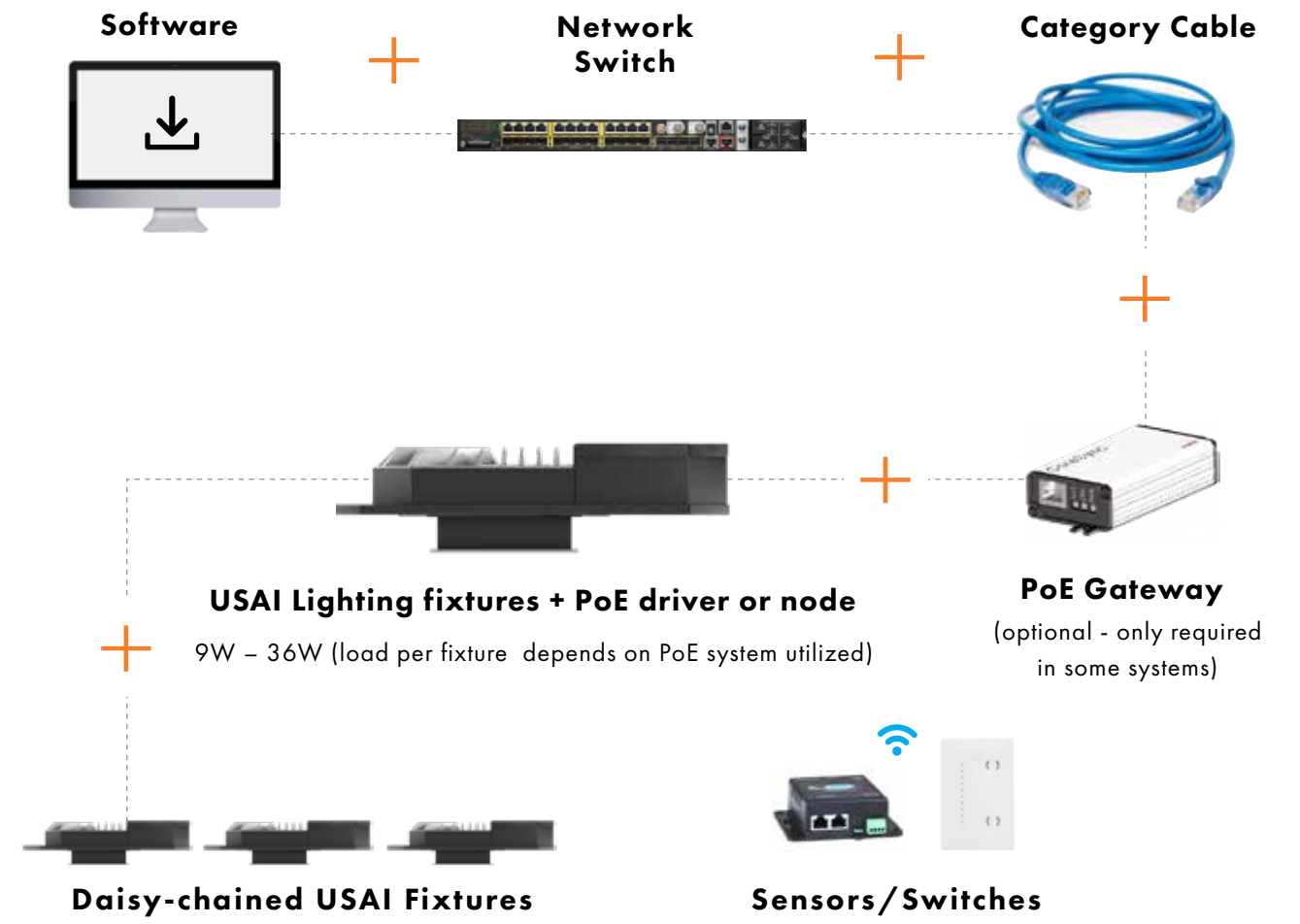
BeveLED 2.2 Cylinder PoE



BeveLED Mini Cylinder PoE

# How It Works?

All devices are networked and powered using a standard ethernet cable with multiple light fixtures daisy chained and connected to switches and sensors.



If you don't see your PoE provider here, contact us!

USAI Lighting works with all major PoE providers including:





POWER OVER  
ETHERNET

# Let's partner together on your next PoE project.

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We have the products, the support,  
and ample experience to help  
you complete the job successfully!

@usailighting



usailighting.com

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Lighting

CALL, EMAIL, OR VISIT [USAILIGHTING.COM](http://USAILIGHTING.COM) TO LEARN MORE ABOUT POE

**USAI LIGHTING COLLABORATORY**

13 Crosby Street  
New York, NY 10013  
845-234-4090  
[showroom@usailighting.com](mailto:showroom@usailighting.com)

**USAI LIGHTING HEADQUARTERS**

1126 River Road  
New Windsor, NY 12553  
T: 845-565-8500  
[info@usailighting.com](mailto:info@usailighting.com)

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