

NETWORKED LIGHTING CONTROLS



eiko.com

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INTRODUCING EIKO'S NLC SYSTEM



EiKO's Networked Lighting Control (NLC) System powered by Silvar is a Bluetooth® Low Energy (BLE) MESH solution that operates as a flood mesh network with no central controller and no single point of failure.

This means that the network(s), which can consist of many thousands of nodes, communicate via a flood based message relay device to device that are self-healing and in constant synchronization.

Using EiKO's NLC System, you can have individually addressable luminaires and control devices, easily create zones (and quickly re-zone) via easy-to-use app, and program multiple lighting control strategies throughout your environment.

The result? A DesignLights Consortium approved energy-saving networked lighting system that provides strict reliability and greater scalability as it does not require a constant Internet connection or a gateway to communicate—ready to accept any additional Bluetooth® Low Energy SIG qualified device as your needs expand.

HOW DOES IT WORK?

1

The backbone of EiKO's NLC System is a Bluetooth Low Energy (BLE) mesh network that consist fixture controllers that are embedded or integrated into the luminaire or wired into the circuit, in addition to optional sensors, switches and other accessories. Since the devices are networked via a BLE mesh, each device is connected to many other devices (commonly referred to as nodes). Each "node" can send and relay messages to its neighbors, allowing messages to travel over a long distance (far exceeding the communication range offered by many other wireless protocols).

2

Commissioning is easy: adding devices to the network and grouping the devices to define which switches and/or sensors control which group of light is accomplished on-site using an intuitive free iOS app powered by Silvoir. Changes to a configuration after the initial installation? Not a problem — the arrangement of the groups can be adjusted at any time post-install to easily address the changing needs of the environment's occupants.

3

One solution that provies mutiple Lighting Control Strategies. Lighting Control Strategies provide a way to go beyond an on/off switch and/or basic motion sensing to control each device by enabling tailored settings that can maximum energy savings while enhancing occupant comfort and productivity. EiKO's NLC System offers a collection of devices that can be configured for key lighting control strategies including continuous dimming, daylight harvesting, individual fixture addressability, high/low-end trim, occupancy/vacancy sensing, personal control, scheduling, scenes, and zones. All settings are commissioned on-site via iOS device utilizing the free iOS App powered by Silvoir.

WHY CHOOSE EIKO'S NLC SOLUTION

- Uses Bluetooth® Low Energy (BLE) mesh for greater communication range and more networked devices
- No hubs, routers or gateways* required
- Fast data transfer, resilient radio
- Scalable to thousands of devices
- No restriction on the number of groups or zones
- Reconfigures when nodes are added or when individual nodes fail
- Part of the Bluetooth® Special Interest Group (SIG), and powered by Silvair, ensuring security and device interoperability
- Eiko's NLC Devices are DesignLights Consortium (DLC) approved through Silvair

***GATEWAY OPTIONAL:**

Used for additional features: detailed scheduling and energy monitoring



Technology Partner
SILVAIR



LEARN MORE ABOUT
LIGHTING CONTROL STRATEGIES
ON THE NEXT PAGE

LIGHTING CONTROL STRATEGIES



CONTINUOUS DIMMING

Ability to smoothly increase or decrease the light intensity (as opposed to step dimming)



DAYLIGHT HARVESTING

Adjusts lights up or down relative to available light in a space



INDIVIDUAL FIXTURE ADDRESSABILITY

Individually control each fixture



HIGH/LOW-END TRIM

Defines the maximum light output as less than 100% of a fixture's capability or the lowest output



OCCUPANCY/VACANCY SENSING

Adjusts lights up/down/on/off relative to occupancy of a space



PERSONAL CONTROL

Gives users the ability to personally set the light level



SCHEDULING

Automatically adjusts the fixtures based on time of day



SCENES

Helps users get more out of their space by quickly adjusting the light level (a change in lighting can make the space better suited for different activities)



ZONING





Control multiple fixtures in a zone

EIKO'S NLC DEVICES

Combine Eiko fixtures with a combination of NLC Devices to achieve the flexibility to deploy multiple control strategies across your project:

IMAGE	ITEM #	ORDER CODE	DESCRIPTION	INSTALLATION TYPE
FIXTURE CONTROLLER				
	PSC-ZKV-WCM-100-BLE-SR	12643	BLE TruBle wireless fixture Controller, 12-24V, Z10, 0-10V, Parameters set by Silvoir App. Note: adapter may be required (SENA-APZ-WH or SENA-AZ-WH)	Z10, Twist Lock
	PSC-WCM-450-BLE-SR	12634	BLE TruBlu Wireless Control Module, 120-277V, 16A Relay, 0-10V, 12V AUX 300mA, 100ft	Wired, 1/2" Knockout
FIXTURE CONTROLLER WITH SENSOR				
	SENA-WHPA	13245	BLE PIR Motion sensor, 12-24V, 1/2" Button Snap-in, 0-10V, Daylight Harvesting, 8-12ft, Parameters set by Silvoir App Note: Cable connector may be required (EC-01-0004)	Snap-In
	SENA-WCPA	13359	BLE PIR Motion sensor, 12-24V, Ceiling Mount, 0-10V, Daylight Harvesting, 12ft, OD3.3" WhiteTrim (ID2.7"), Parameters set by Silvoir App	Ceiling Mount
	SENA-WZPA-WH	13246	BLE PIR Motion sensor, 12-24V, IP65, Z10, 0-10V, Daylight Harvesting, 40ft, Parameters set by Silvoir App. Note: adapter may be required (SENA-APZ-WH or SENA-AZ-WH)	Z10, Twist Lock
ADAPTERS AND OTHER INSTALLATION ACCESSORIES				
	SENA-APZ-WH	13467	Z10 adaptor 1/2" Screw-in spring load pins to Z10 Receptacle IP65 White	Screw-in, then accommodates a Z10, Twist Lock solution
	SENA-AZ-WH	13343	Z10 White Stem Swivel Mount bracket 12-24VDC Max. 22AWG 2ft V+(1:Yellow) Dim-(2:Pink) Dim+(3:Purple) Optional(4:Brown)	Wired, 1/2" Knockout, then accommodates a Z10, Twist lock solution
	EC-01-0004	13360	Harness for SENA-WHPA, SENA-WHMA, and SENA-SHPR Sensors. XH2.54-3Y connector, 2ft, stripped out and tinned 3/8", V+(Yel), GND(Pink), Dim+(Purple)	Snap-in
RANGE EXTENDERS				
	PSC-RET-100-BLE-SR	12994	BLE TruBlu Range Extender, 120-277V, 800ft, Nema 4X Outdoor Enclosure *One per zone/group	Wired
	PSC-TKP-200-BLE-SR	12993	BLE TruBlu Battery Backup Timekeeper and Range Extender, 120V, 800ft, Nema 4X Outdoor Enclosure *One per zone/group	Wired

EIKO NLC DEVICES, CONT.

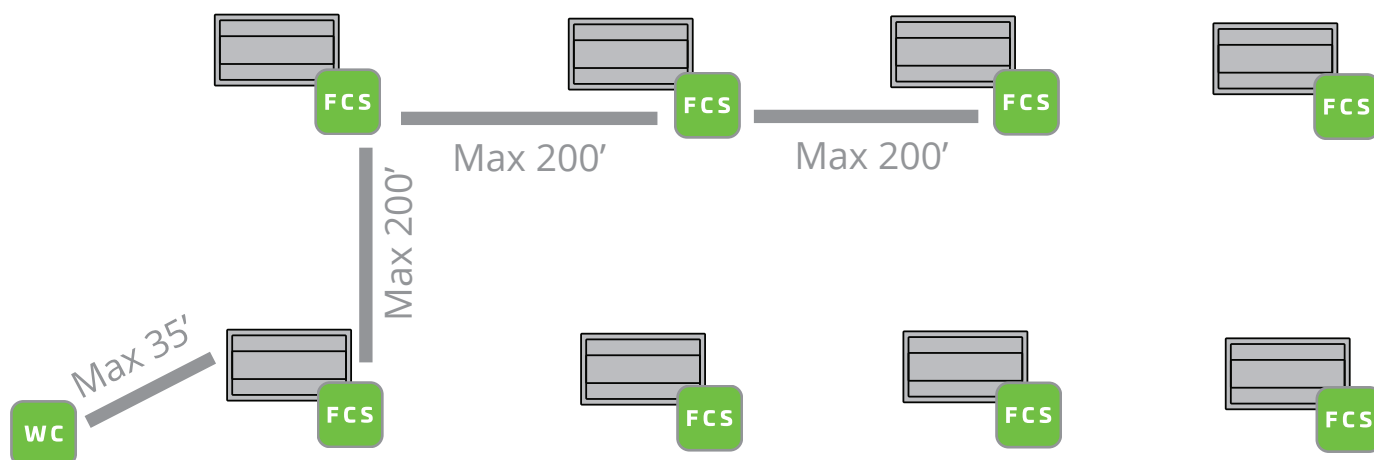
IMAGE	ITEM #	ORDER CODE	DESCRIPTION	INSTALLATION TYPE
WALL AND WIRELESS CONTROLLERS				
	PSC-DM-WS-100-BLE-SR	12635	BLE TruBlu 120-277V, Single Gang Single Button Wall Controller, White, Parameters set by Silvoir App	Wired, Electrical Box
	PSC-DM-I-WS-100-BLE-SR	12636	BLE TruBlu PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvoir App.	Wired, Electrical Box
	PSC-DM-WS-400-BLE-SR	12637	BLE TruBlu 120-277V, Single Gang 4-Button Wall Controller, White, Parameters set by Silvoir App.	Wired, Electrical Box
	ESRPB-W-EO	12654	BLE Easyfit by EnOcean wireless self-powered kinetic Single rocker pad, white, wall plate included.	Wireless, Self-Powered (kinetic energy)
	EDRPB-W-EO	12655	BLE Easyfit by EnOcean wireless self-powered kinetic Double rocker pad, white, wall plate included.	Wireless, Self-Powered (kinetic energy)

OPTIONAL GATEWAY ALSO AVAILABLE: Used for additional features: detailed scheduling and energy monitoring

COMMUNICATION STRUCTURE

Each NLC device has a maximum communication range. That doesn't mean all devices within the system have to be within "x" distance it just means that the distance from one device to the next must be within the maximum communication range.

EXAMPLE 1

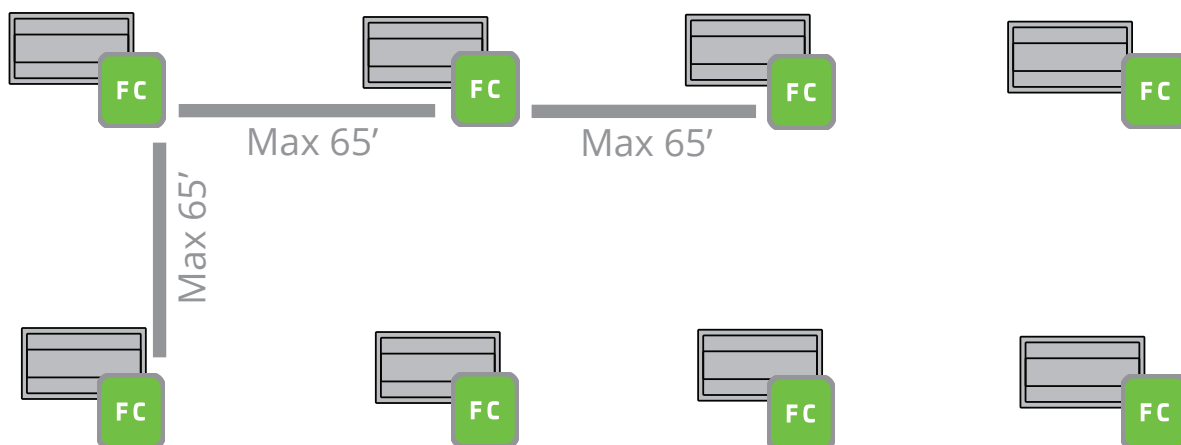


WC Any Wall Controller

FCS SENA-WZPA-WH



EXAMPLE 2



FC PSC-ZKV-WCM-100-BLE-SR



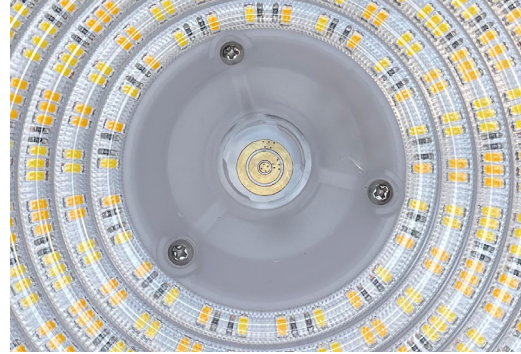
INSTALLATION METHODS

EiKO's NLC System is designed to support multiple ways to install the fixture controller or fixture controller with sensor making it super easy and simple to add networked lighting controls without the need for any additional wiring. The simplest installation methods include twist lock, screw-in and snap-in.



TWIST LOCK INSTALLATION

Add controls to a controls ready fixture with a Twist Lock (Z10) connection.



SCREW-IN INSTALLATION

Add controls to a controls ready fixture using a screw-In receptacle. *Adapter may be required



SNAP-IN INSTALLATION

Add controls to a controls ready fixture via a compact Snap-In connection.

CIRCUIT LEVEL CONTROL

Add EiKO's Networked Lighting Controls to any 0-10V fixture. 0-10V wiring will be required but this is a great way to incorporate NLC's to any fixture.



LEARN MORE ABOUT EACH
INSTALLATION METHOD
ON THE FOLLOWING PAGES

TWIST LOCK INSTALLATION USING Z10 RECEPTACLE

STEP 1: Choose Your Fixture



LLH-E



VERT



SIG



SCS

STEP 2: Choose Your Fixture Controller (with or without Sensor)

OPTION A

Z10 Twist Lock Fixture Controller
w/o Sensor



PSC-ZKV-WCM-100-BLE-SR
65' MAX RANGE

LIGHTING CONTROL STRATEGIES



HIGH/LOW-END TRIM



INDIVIDUAL FIXTURE
ADDRESSABILITY



ZONING

OPTION B

Z10 Twist Lock Fixture Controller
with Sensor



SENA-WZPA-WH
200' MAX RANGE

LIGHTING CONTROL STRATEGIES



HIGH/LOW-END TRIM



INDIVIDUAL FIXTURE
ADDRESSABILITY



ZONING



DAYLIGHT
HARVESTING



OCCUPANCY/
VACANCY* SENSING

*Vacancy requires controller

STEP 3: Choose Your Optional Accessories

RANGE EXTENDER:

Boost communication range up to 800'



PSC-RET-100-BLE-R

RANGE EXTENDER W/TIME KEEPER:

Gain additional Lighting Control Strategy - Scheduling



PSC-TKP-200-BLE-SR

LIGHTING CONTROL STRATEGIES



SCHEDULING

WALL CONTROLLERS:



PSC-DM-WS-100-BLE-SR
PSC-DM-I-WS-100-BLE-SR
PSC-DM-WS-400-BLE-SR

WIRELESS CONTROLLERS:



ESRPB-W-EO
EDRPB-W-EO

LIGHTING CONTROL STRATEGIES



PERSONAL CONTROL



CONTINUOUS DIMMING



SCENES

SCREW-IN INSTALLATION USING SCREW-IN RECEPTACLE

STEP 1: Choose Your Fixture



STEP 2: Add the Screw-In Z10 Adapter via the Screw-In Receptacle



SENA-APZ-WH

Converts Screw-In into Z10 Twist Lock

STEP 3: Choose Your Fixture Controller (with or without Sensor)

OPTION A

Z10 Twist Lock Fixture Controller
w/o Sensor



PSC-ZKV-WCM-100-BLE-SR
65' MAX RANGE

LIGHTING CONTROL STRATEGIES



HIGH/LOW-END TRIM



INDIVIDUAL FIXTURE
ADDRESSABILITY



ZONING

OPTION B

Z10 Twist Lock Fixture Controller
with Sensor



SENA-WZPA-WH
200' MAX RANGE

LIGHTING CONTROL STRATEGIES



HIGH/LOW-END TRIM



INDIVIDUAL FIXTURE
ADDRESSABILITY



ZONING



DAYLIGHT
HARVESTING



OCCUPANCY/
VACANCY* SENSING

*Vacancy requires controller

STEP 4: Choose Your Optional Accessories

RANGE EXTENDER:

Boost communication range up to 800'



PSC-RET-100-BLE-R

RANGE EXTENDER W/TIME KEEPER:

Gain additional Lighting Control Strategy - Scheduling



PSC-TKP-200-BLE-SR

LIGHTING CONTROL STRATEGIES



SCHEDULING

WALL CONTROLLERS:



PSC-DM-WS-100-BLE-SR
PSC-DM-I-WS-100-BLE-SR
PSC-DM-WS-400-BLE-SR

WIRELESS CONTROLLERS:



ESRPB-W-EO
EDRPB-W-EO

LIGHTING CONTROL STRATEGIES



PERSONAL CONTROL



CONTINUOUS DIMMING



SCENES

SNAP-IN INSTALLATION

STEP 1: Choose Your Fixture

**FIELD OR
FACTORY
INSTALLED:**



**FACTORY
INSTALLED
ONLY:**



STEP 2: Install Snap-In Fixture Controller with Sensor



SENA-WHPA
PIR SENSOR, 65' MAX RANGE
FIELD OR FACTORY INSTALLED

LIGHTING CONTROL STRATEGIES



HIGH/LOW-END TRIM
**INDIVIDUAL FIXTURE
ADDRESSABILITY**
ZONING



**DAYLIGHT
HARVESTING**
**OCCUPANCY/
VACANCY* SENSING**

*Vacancy requires controller

STEP 3: Choose Your Optional Accessories

RANGE EXTENDER:

Boost communication range up to 800'



PSC-RET-100-BLE-R

RANGE EXTENDER W/TIME KEEPER:

Gain additional Lighting Control Strategy - Scheduling



PSC-TKP-200-BLE-SR

LIGHTING CONTROL STRATEGIES



SCHEDULING

WALL CONTROLLERS:



PSC-DM-WS-100-BLE-SR
PSC-DM-I-WS-100-BLE-SR
PSC-DM-WS-400-BLE-SR

WIRELESS CONTROLLERS:



ESRPB-W-E0
EDRPB-W-E0

LIGHTING CONTROL STRATEGIES



PERSONAL CONTROL



CONTINUOUS DIMMING



SCENES

1/2" KNOCKOUT SENSOR INSTALLATION

STEP 1: Choose Your Fixture

ANY 0-10V DIMMING FIXTURE REQUIRES:

0-10V Dimming
Dim to off
12-24V aux
Min 60mA



LLW



WPS

(FieldCCeT & PowerSet Only)



STR-R



VTS



WPA (UD only)

STEP 2: Install 1/2" Knockout Adapter



SENA-AZ-WH

Converts 1/2" Knockout to Z10 Twist Lock

STEP 3: Choose Your Fixture Controller (with or without Sensor)

OPTION A

Z10 Twist Lock Fixture Controller
w/o Sensor



PSC-ZKV-WCM-100-BLE-SR
65' MAX RANGE

LIGHTING CONTROL STRATEGIES



HIGH/LOW-END TRIM



INDIVIDUAL FIXTURE
ADDRESSABILITY



ZONING

OPTION B

Z10 Twist Lock Fixture Controller
with Sensor



SENA-WZPA-WH
200' MAX RANGE

LIGHTING CONTROL STRATEGIES



HIGH/LOW-END TRIM



INDIVIDUAL FIXTURE
ADDRESSABILITY



ZONING



DAYLIGHT
HARVESTING



OCCUPANCY/
VACANCY* SENSING

*Vacancy requires controller

STEP 4: Choose Your Optional Accessories

RANGE EXTENDER:

Boost communication range up to 800'



PSC-RET-100-BLE-R

RANGE EXTENDER W/TIME KEEPER:

Gain additional Lighting Control Strategy - Scheduling



PSC-TKP-200-BLE-SR

LIGHTING CONTROL STRATEGIES



SCHEDULING

WALL CONTROLLERS:



PSC-DM-WS-100-BLE-SR
PSC-DM-I-WS-100-BLE-SR
PSC-DM-WS-400-BLE-SR

WIRELESS CONTROLLERS:



ESRPB-W-EO
EDRPB-W-EO

LIGHTING CONTROL STRATEGIES



PERSONAL CONTROL



CONTINUOUS DIMMING



SCENES

ROOM LEVEL OR CIRCUIT LEVEL INSTALLATION

STEP 1: Choose Your Fixture



ANY 0-10V DIMMING FIXTURE

STEP 2: Install Fixture Controller in the Field



PSC-WCM-450-BLE-SR

Integrated 16 amp relay, in conjunction with low voltage dimming wires control multiple fixtures in a designated zone and links all fixtures to the fixture controller; all fixtures will perform in a coordinated manner. this also has the capability to supply 12v aux power for the optional sensor below.

LIGHTING CONTROL STRATEGIES



HIGH/LOW-END TRIM



**INDIVIDUAL FIXTURE
ADDRESSABILITY**



ZONING*

STEP 3: Install the Optional Ceiling Mount PIR Sensor



SENA-WCPA

PIR SENSOR, 65' MAX RANGE



This sensor requires power from one of the following:

1. PSC-WCM-450-BLE-SR
2. A nearby fixture that has 12-24v aux
3. Power pack

LIGHTING CONTROL STRATEGIES



HIGH-END TRIM



**INDIVIDUAL FIXTURE
ADDRESSABILITY**



ZONING



**DAYLIGHT
HARVESTING**



**OCCUPANCY/
VACANCY* SENSING**

*Vacancy requires controller

STEP 4: Choose Your Optional Accessories

RANGE EXTENDER:

Boost communication range up to 800'



PSC-RET-100-BLE-R

RANGE EXTENDER W/TIME KEEPER:

Gain additional Lighting Control Strategy - Scheduling



PSC-TKP-200-BLE-SR

LIGHTING CONTROL STRATEGIES



SCHEDULING

WALL CONTROLLERS:



**PSC-DM-WS-100-BLE-SR
PSC-DM-I-WS-100-BLE-SR
PSC-DM-WS-400-BLE-SR**

WIRELESS CONTROLLERS:



**ESRPB-W-EO
EDRPB-W-EO**

LIGHTING CONTROL STRATEGIES



PERSONAL CONTROL

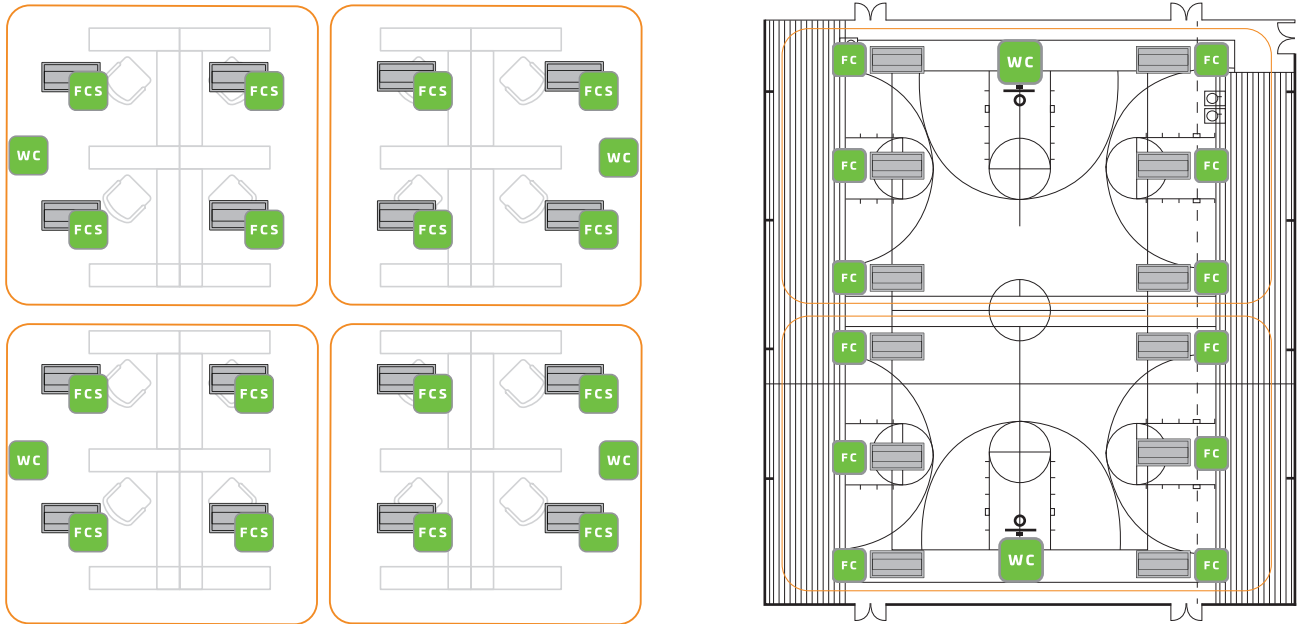


CONTINUOUS DIMMING



SCENES

SAMPLE APPLICATIONS



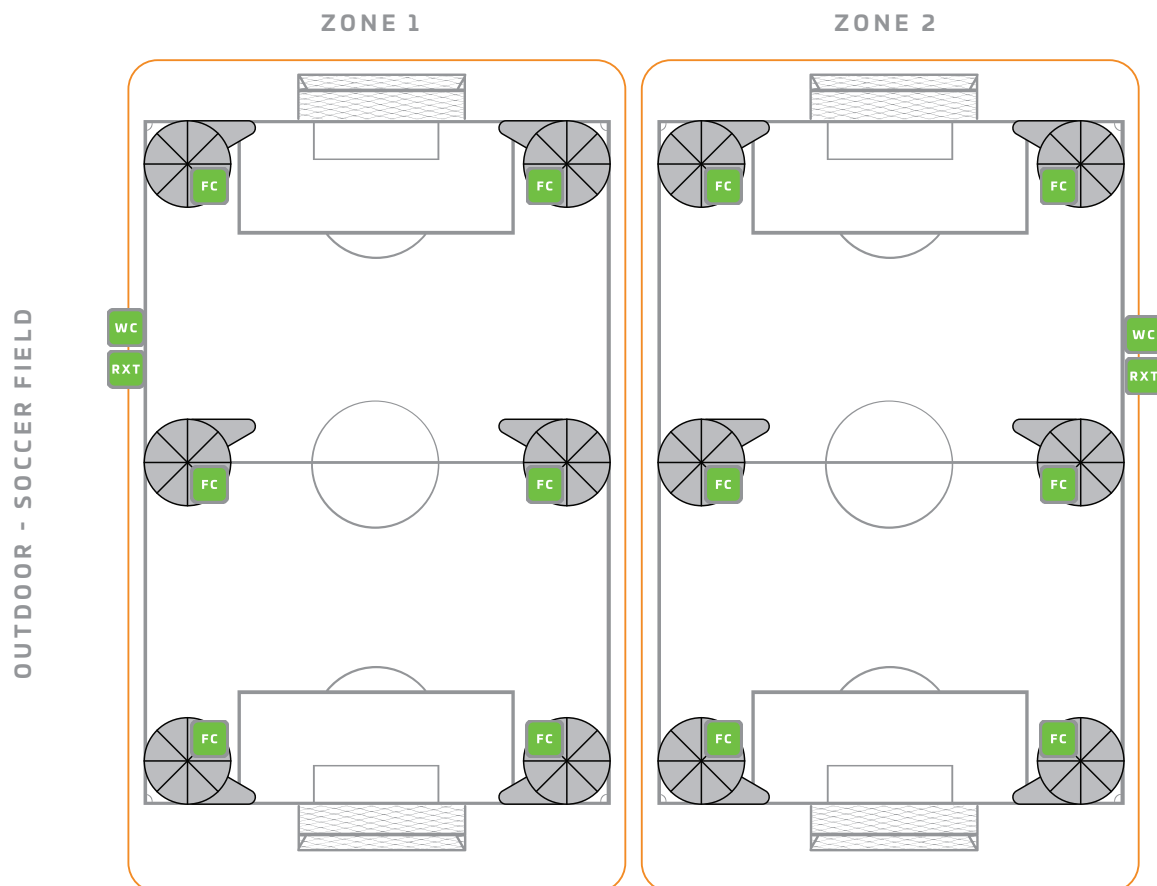
To make it easier, we've prepared seven sample application configurations to help you start planning your Eiko's NLC System:

- Outdoor application, multiple zones, no sensors (Soccer Field)
- Outdoor application, multiple zones with sensors (Parking Lot)
- Indoor application, multiple zones, no sensors (Gymnasium)
- Indoor application, multiple zones with sensors (Warehouse)
- Indoor application, multiple zones with Sensors (Open Cubicles)
- Indoor application, multiple zones with sensors (Small Office)
- Indoor application, circuit level multiple zones with sensors (Small Office)







EXPLORE
**SAMPLE APPLICATION
CONFIGURATIONS**
ILLUSTRATED ON THE
FOLLOWING PAGES

OUTDOOR APPLICATION MULTIPLE ZONES NO SENSORS - SOCCER FIELD



NOTE: Distance from one FC (Z10 fixture controller) to another should not exceed 65'. This is why a Range Extender is recommended)

CONFIGURATION

SYMBOL	IMAGE	DEVICE TYPE	MODEL#
FC		Z10 Fixture Controller	PSC-ZKV-WCM-100-BLE-SR
RXT		Range Extender with Timekeeper	PSC-TKP-200-BLE-SR
WC		Wireless Controller	ESRPB-W-EO
		Wireless Controller	EDRPB-W-EO

This is just an example, any combination of fixture controllers, sensors and other devices can be used.

CONTROL STRATEGIES



CONTINUOUS
DIMMING



INDIVIDUAL FIXTURE
ADDRESSABILITY



HIGH/LOW END-TRIM



PERSONAL CONTROL



SCHEDULING



SCENES



ZONING

OUTDOOR APPLICATION MULTIPLE ZONES WITH SENSORS - PARKING LOT



NOTE: Distance from one FCS (Z10 fixture controller with sensor) to another should not exceed 200'.

CONFIGURATION

SYMBOL	IMAGE	DEVICE TYPE	MODEL#
		Z10 Fixture Controller with Sensor	SENA-WZPA-WH

This is just an example, any combination of fixture controllers, sensors and other devices can be used.

CONTROL STRATEGIES



INDIVIDUAL FIXTURE ADDRESSABILITY



HIGH/LOW END-TRIM



ZONING

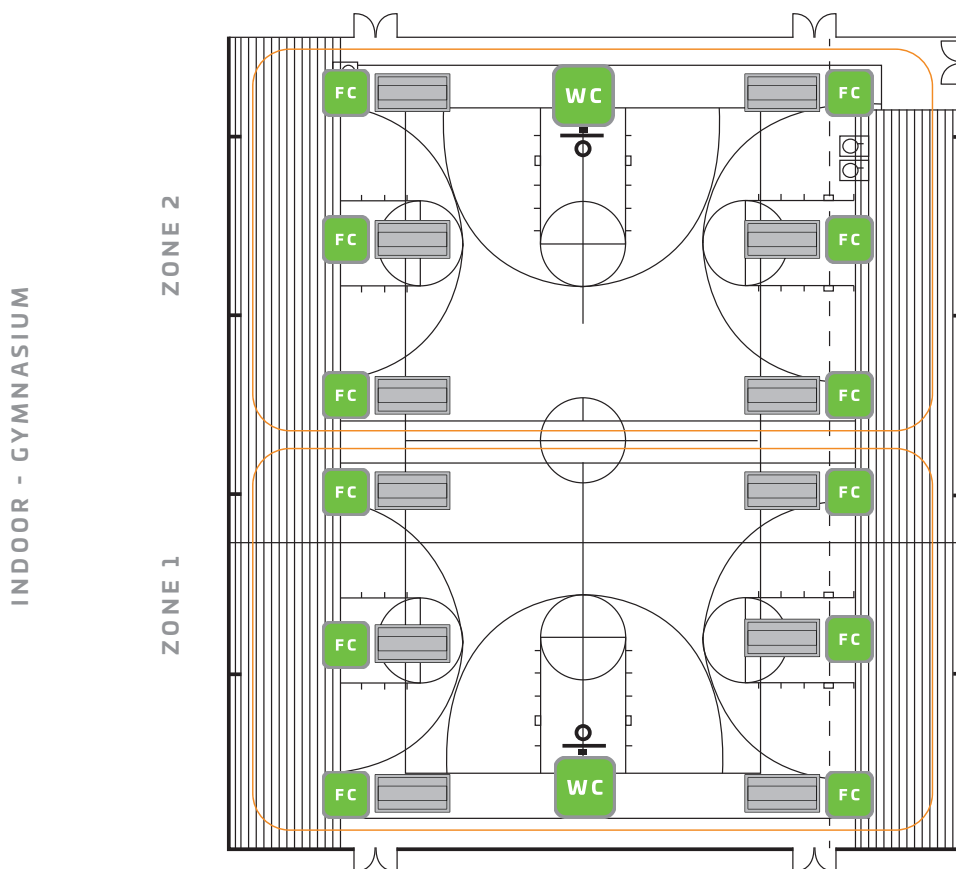


DAYLIGHT HARVESTING









OCCUPANCY SENSING

INDOOR APPLICATION MULTIPLE ZONES NO SENSORS - GYMNASIUM



CONFIGURATION

SYMBOL	IMAGE	DEVICE TYPE	MODEL#
FC		Z10 Fixture Controller	PSC-ZKV-WCM-100-BLE-SR
WC		Wall Controller*	PSC-DM-WS-100-BLE-SR
		Wall Controller*	PSC-DM-I-WS-100-BLE-SR
		Wall Controller*	PSC-DM-WS-400-BLE-SR
		Wireless Controller*	ESRPB-W-EO
		Wireless Controller*	EDRPB-W-EO

* Only one wall or wireless controller is required per zone, choose which one is the best for the application.

This is just an example, any combination of fixture controllers, sensors and other devices can be used.

CONTROL STRATEGIES



CONTINUOUS
DIMMING



INDIVIDUAL FIXTURE
ADDRESSABILITY



HIGH/LOW END-TRIM



PERSONAL CONTROL



SCENES



ZONING

INDOOR APPLICATION MULTIPLE ZONES WITH SENSORS - WAREHOUSE



NOTE: Distance from one FCS (Z10 fixture controller with sensor) to another should not exceed 200'. If it does, a Range Extender would be required - one per zone.

CONFIGURATION

SYMBOL	IMAGE	DEVICE TYPE	MODEL#
		Wireless Fixture Controller	SENA-WZPA-WH

This is just an example, any combination of fixture controllers, sensors and other devices can be used.

CONTROL STRATEGIES



INDIVIDUAL FIXTURE ADDRESSABILITY



HIGH/LOW END-TRIM



ZONING



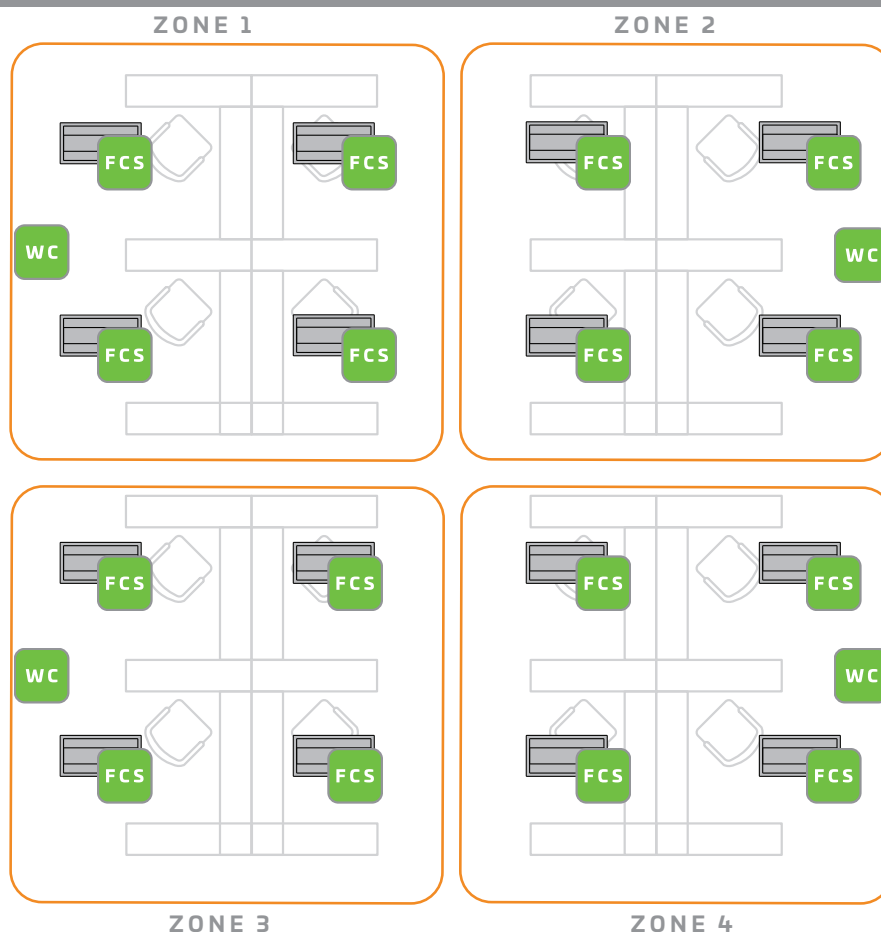
DAYLIGHT HARVESTING









OCCUPANCY

INDOOR APPLICATION MULTIPLE ZONES WITH SENSORS - OPEN CUBICLES

INDOOR - OPEN CUBICLES



CONFIGURATION

SYMBOL	IMAGE	DEVICE TYPE	MODEL#
FCS		Snap-In BLE PIR Sensor	SENA-WHPA
WC		Wall Contoller	PSC-DM-WS-100-BLE-SR
		Wall Contoller	PSC-DM-I-WS-100-BLE-SR
		Wall Contoller	PSC-DM-WS-400-BLE-SR
		Wireless Controller	ESRPB-W-EO
		Wireless Controller	EDRPB-W-EO

* Only one wall or wireless controller is required per zone, choose which one is the best for the application.

This is just an example, any combination of fixture controllers, sensors and other devices can be used.

CONTROL STRATEGIES



CONTINUOUS DIMMING



INDIVIDUAL FIXTURE ADDRESSABILITY



HIGH/LOW END-TRIM



PERSONAL CONTROL



SCENES



ZONING



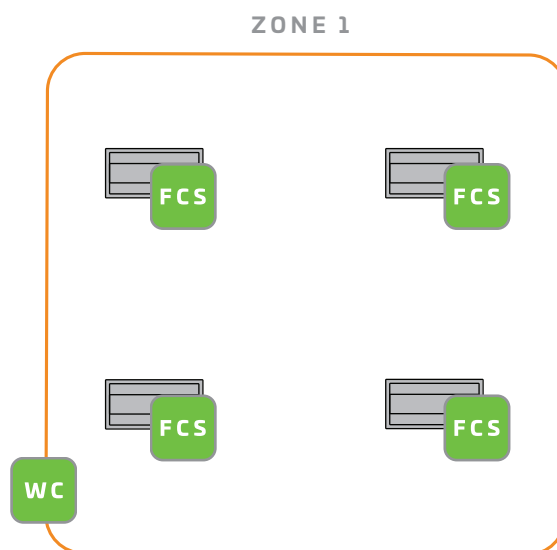
**OCCUPANCY/
VACANCY SENSING**









**DAYLIGHT
HARVESTING**

INDOOR APPLICATION MULTIPLE ZONES WITH SENSORS - SMALL OFFICE

INDOOR - SMALL OFFICE



CONFIGURATION

SYMBOL	IMAGE	DEVICE TYPE	MODEL#
FCS		Snap-In BLE PIR Sensor	SENA-WHPA
WC		Wall Contoller	PSC-DM-WS-100-BLE-SR
		Wall Contoller	PSC-DM-I-WS-100-BLE-SR
		Wall Contoller	PSC-DM-WS-400-BLE-SR
		Wireless Controller	ESRPB-W-EO
		Wireless Controller	EDRPB-W-EO

* Only one wall or wireless controller is required per zone, choose which one is the best for the application.

This is just an example, any combination of fixture controllers, sensors and other devices can be used.

CONTROL STRATEGIES



CONTINUOUS DIMMING



INDIVIDUAL FIXTURE ADDRESSABILITY



HIGH/LOW END-TRIM



PERSONAL CONTROL



SCENES



ZONING



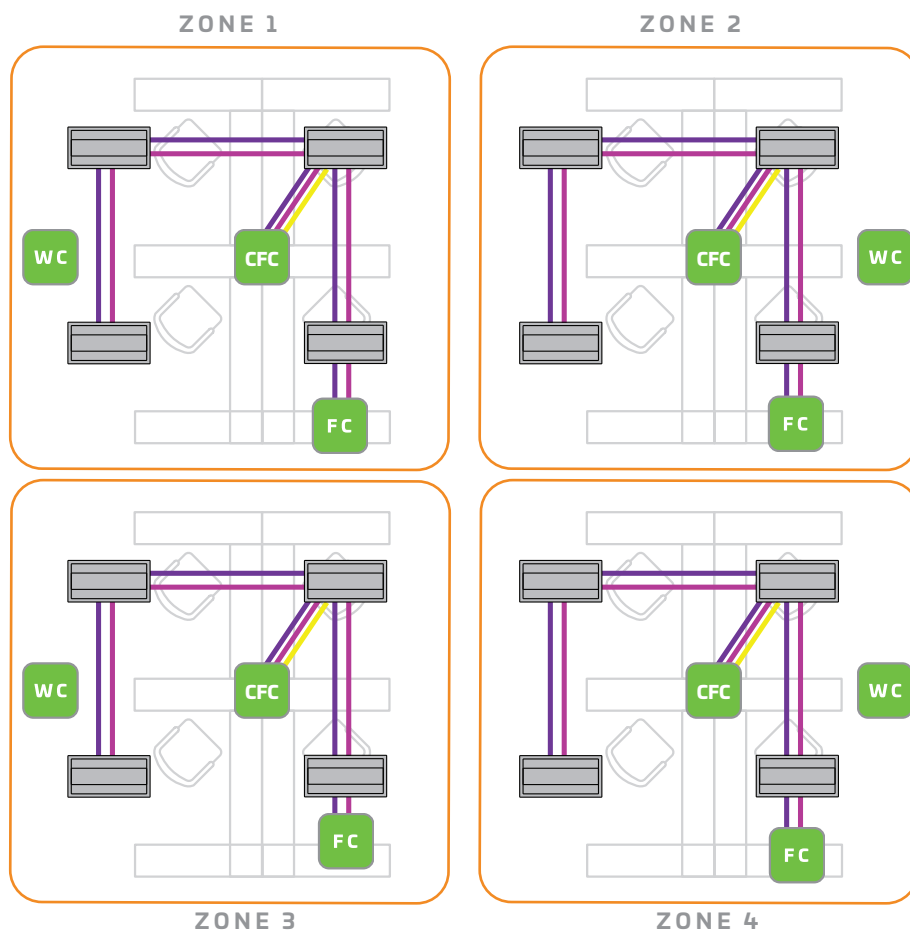
OCCUPANCY/
VACANCY SENSING



DAYLIGHT
HARVESTING

INDOOR APPLICATION CIRCUIT LEVEL MULTIPLE ZONES WITH SENSORS - OPEN CUBICLES

INDOOR - OPEN CUBICLES



CONFIGURATION

SYMBOL	IMAGE	DEVICE TYPE	MODEL#
CFC		Ceiling Mount Fixture Controller	SENA-WCPA
FC		Z10 Fixture Controller	PSC-ZKV-WCM-100-BLE-SR
WC		Wall Controller	PSC-DM-WS-100-BLE-SR
		Wall Controller	PSC-DM-I-WS-100-BLE-SR
		Wall Controller	PSC-DM-WS-400-BLE-SR
		Wireless Controller	ESRPB-W-EO
		Wireless Controller	EDRPB-W-EO
	-	-	0-10V Wire
	-	-	12-24V Wire (from fixture or PSC-ZKV)

* Only one wall or wireless controller is required per zone, choose which one is the best for the application.

CONTROL STRATEGIES



CONTINUOUS DIMMING



INDIVIDUAL FIXTURE ADDRESSABILITY



HIGH/LOW END-TRIM



PERSONAL CONTROL



SCENES



ZONING



DAYLIGHT HARVESTING

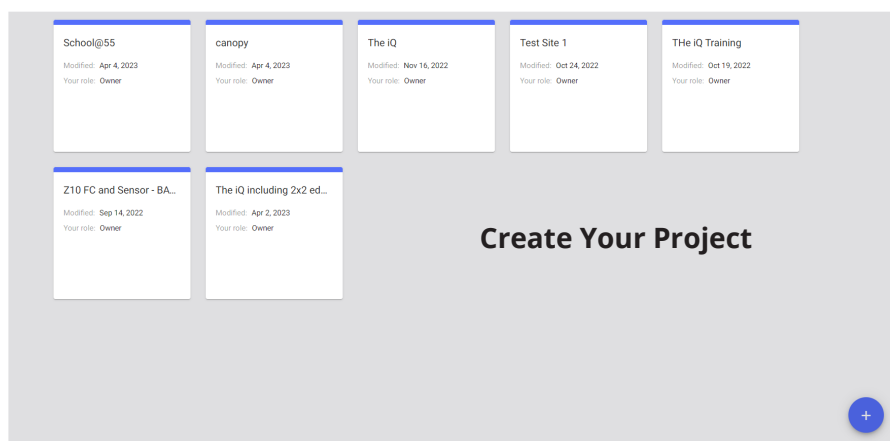


OCCUPANCY/VACANCY SENSING

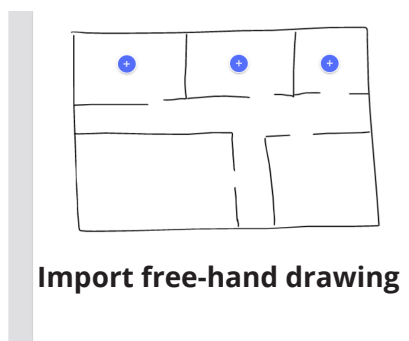
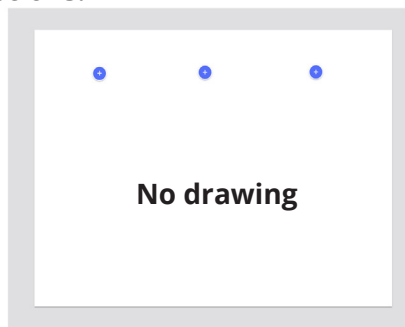
COMMISSIONING

Optional Web App Powered by Silvair is used for pre-planning purposes. This allows you to import floor plans, set profiles, map out zones and manage users collaborating on the project (i.e installer and end user). This is an optional but highly recommended feature that speeds up on-site commissioning. This feature does not require you to label fixtures, scan fixtures or do anything with the fixtures, it's simply used for pre-planning.

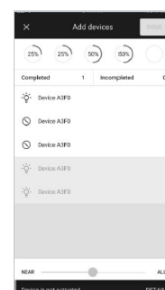
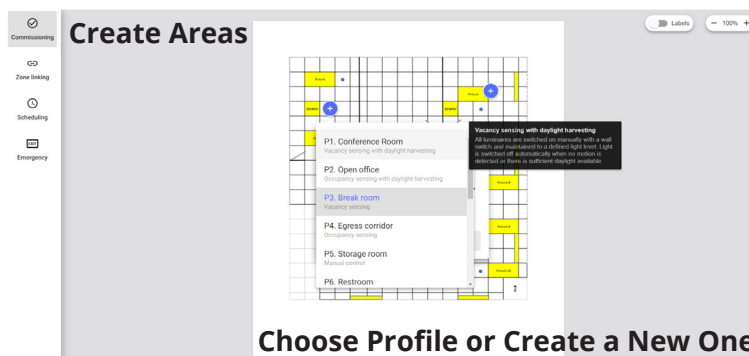
iOS mobile App Powered by Silvair provides on-site commissioning to the devices. An iOS device is required (Apple iPad for example) which provides 3 layers of security. An internet connection is also required for initial commissioning. Once commissioning is complete, an internet connection is no longer needed unless you need to make changes. EIKO's NLC system communicates via BLE mesh so no internet is required once commissioning is complete.



Options:



Import lighting layout



Find the devices and add them to each appropriate area