



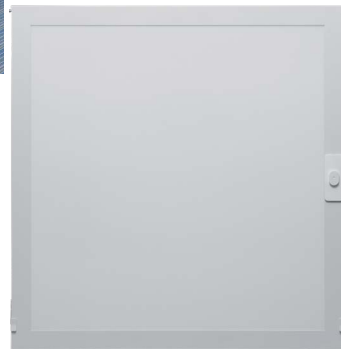
PART # \_\_\_\_\_

JOB NAME \_\_\_\_\_

TYPE \_\_\_\_\_



TRV



TRF

Our Troffer Retrofit Kits have a new multipiece design and are easier to install than the competition. Packed w/ flex features and available in flat or volumetric panel design, Troffer Retrofit Kits are available in 2x2 and 2x4 sizes.

- Slim multipiece retrofit design
- Choose from a volumetric or flat panel design
- Factory-installed emergency battery back up available
- Field-installable **SIMPLE & NETWORK LIGHTING CONTROLS** options (see pgs. 2 & 6-8 for more details)

..... SIMPLY REMOVE THE CAP AND PLUG IN THE SENSOR

**SUPERFLEX** SWITCH BETWEEN  
3 WATTAGES & 3 CCTS



SENSOR READY



OPTIONAL NETWORK LIGHTING CONTROL



OPTIONAL SIMPLE OCC



OPTIONAL EMG BATTERY BACKUP



CRI



BEAM ANGLE



OPERATING TEMP



SURGE PROTECTION



50,000hrs RATED LIFE

PART #	UPC	DESCRIPTION	LUMENS	WATTAGE	CCT
RP-TRV-2X2-24W-40K-WC-TAA	19781001593	2X2 VOLUMETRIC RETROFIT KIT	2000/2500/ <b>3000</b>	<b>FLEXWATT</b> 16W/20W/ <b>24W</b>	<b>FLEXCOLOR</b> 3500K/ <b>4000K</b> /5000K
RP-TRV-2X4-40W-40K-WC-TAA	19781001594	2X4 VOLUMETRIC RETROFIT KIT	3000/3750/ <b>5000</b>	<b>FLEXWATT</b> 24W/30W/ <b>40W</b>	
RP-TRF-2X2-24W-40K-WC-TAA	19781001595	2X2 FLAT PANEL RETROFIT KIT	2000/2500/ <b>3000</b>	<b>FLEXWATT</b> 16W/20W/ <b>24W</b>	
RP-TRF-2X4-40W-40K-WC-TAA	19781001596	2X4 FLAT PANEL RETROFIT KIT	3000/3750/ <b>5000</b>	<b>FLEXWATT</b> 24W/30W/ <b>40W</b>	

DEFAULT LUMENS, WATTAGE AND CCT ARE SHOWN IN BOLD.





## PART NUMBER BUILDER

MFR	PRODUCT	SIZE (FT.)	DEFAULT WATTAGE	DEFAULT CCT	FUNCTION	OPTIONS	LISTING	EMG
RP				40K	WC		TAA	EM1
	TRV	2X2	24W	40K = 4000K	WC = WATTAGE + COLOR SELECTABLE	OCC = PIR OCCUPANCY SENSOR  OCCBT = NETWORK LIGHTING CONTROL (PIR OCCUPANCY SENSOR) ⓘ	TAA = TRADE ACT AGREEMENT COMPLIANT	EM1 = 4W, 500 LUMENS, 90 MIN EMERGENCY BATTERY BACKUP
	TRF	2X4	40W					

EXAMPLE PART NUMBER RP-TRV-2X2-24W-40K-WC-OCC-TAA-EM1

## CONTROL OPTIONS

SIMPLE LIGHTING CONTROL	NETWORK LIGHTING CONTROL
<p><b>-OCC</b> PASSIVE INFRARED AND DAYLIGHT HARVESTING OCCUPANCY SENSOR IR12 REMOTE*</p>	<p><b>-OCCBT</b> SILVAIR-READY PASSIVE INFRARED AND DAYLIGHT HARVESTING OCCUPANCY SENSOR SILVAIR APP</p>

## BLUETOOTH CONTROL

USE BLUETOOTH CONTROLS TO CONNECT TROFFERS TO YOUR PHONE AND/OR WALL SWITCH





## FLEXWATT™ TECHNOLOGY (SWITCH POSITION)



	1	2	3
2X2	16W (2000LM)	20W (2500LM)	24W (3000LM)
2X4	24W (3000LM)	30W (3750LM)	40W (5000LM)

## FLEXCOLOR™ TECHNOLOGY (SWITCH POSITION)

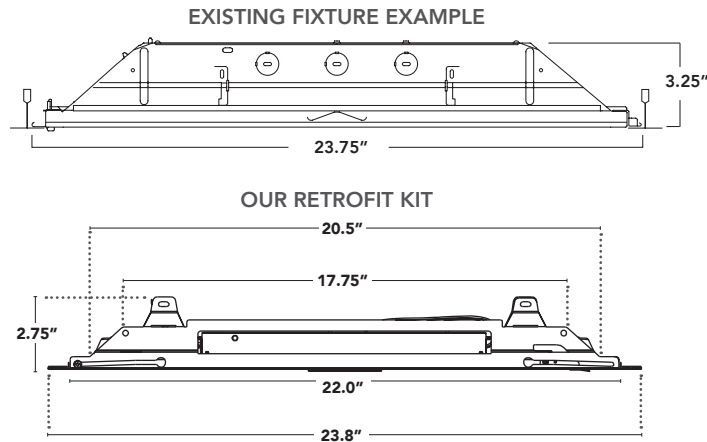


- 3500K** 3500°K NEUTRAL / POSITION 1
- 4000K** 4000°K NEUTRAL / POSITION 2
- 5000K** 5000°K COOL / POSITION 3



### FIT COMPATIBILITY

The Troffer Retrofit Kit was designed to upgrade recessed 2x2 and 2x4 fixtures, including parabolic and lensed troffers from most major manufacturers. Example fixture dimensional requirements below. We also recommend a trial installation before placing an order.

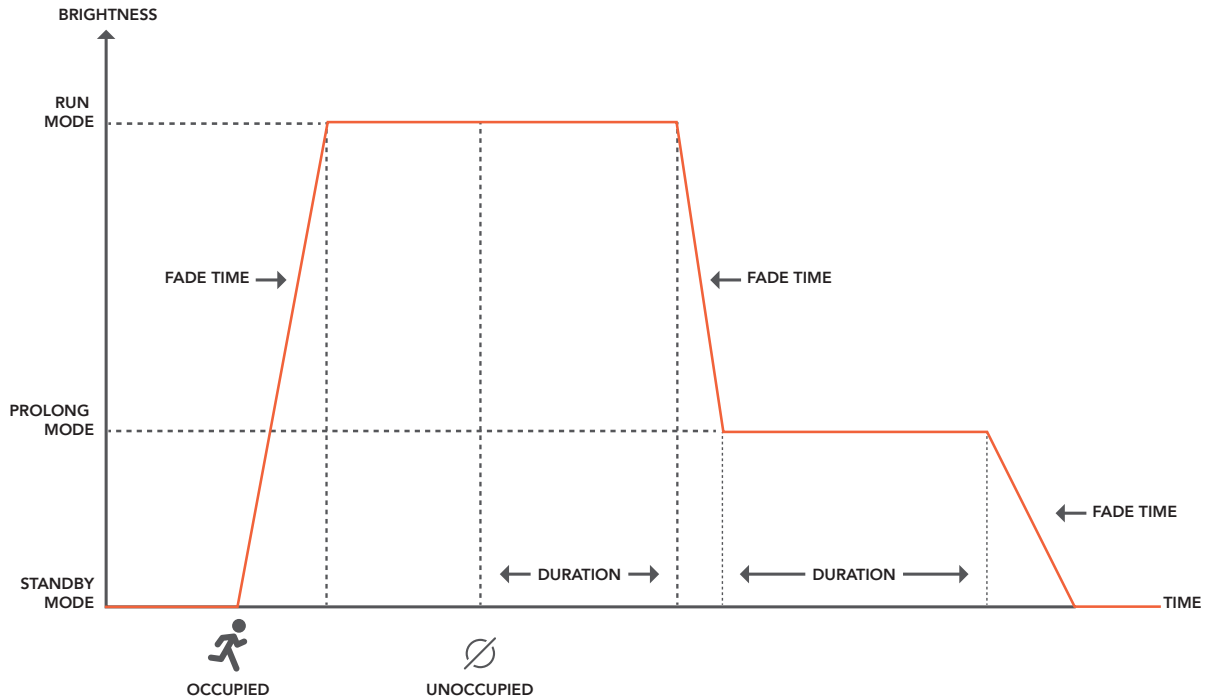




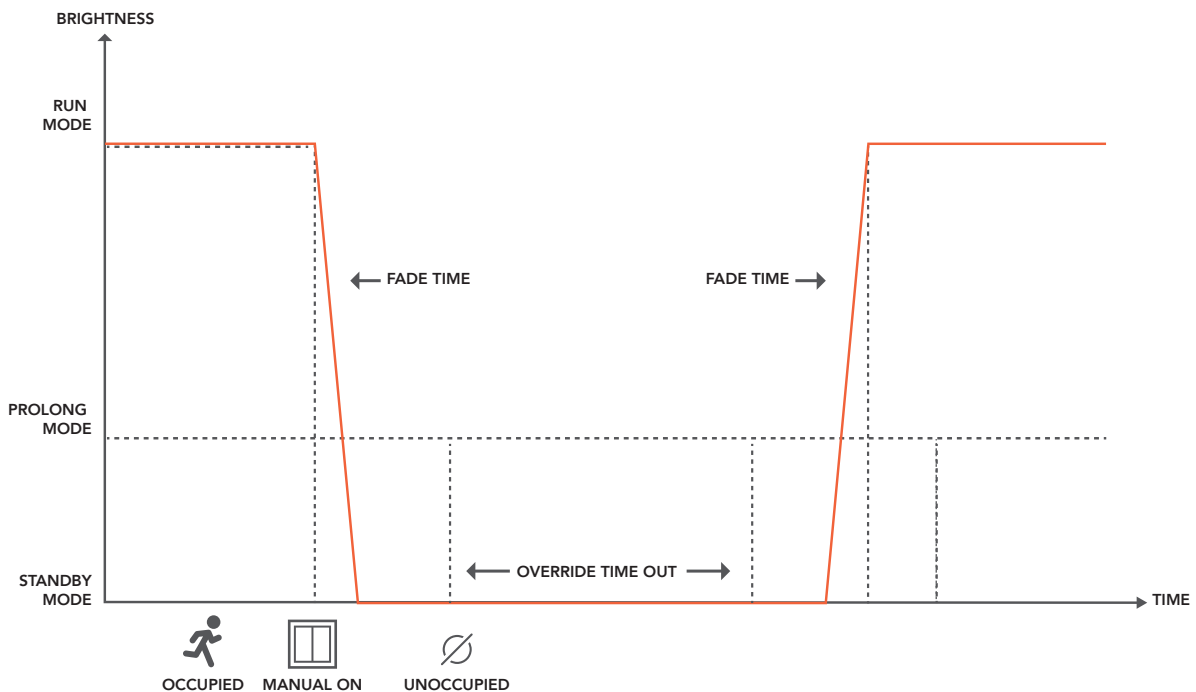
### LIGHTING CONTROL SCENARIOS

Multiple lighting control scenarios are available once the Bluetooth mesh sensor is provisioned. Within scenario, duration, fade time and target brightness can be configured at any time with the iOS app.

### EXAMPLE OCCUPANCY SCENARIO

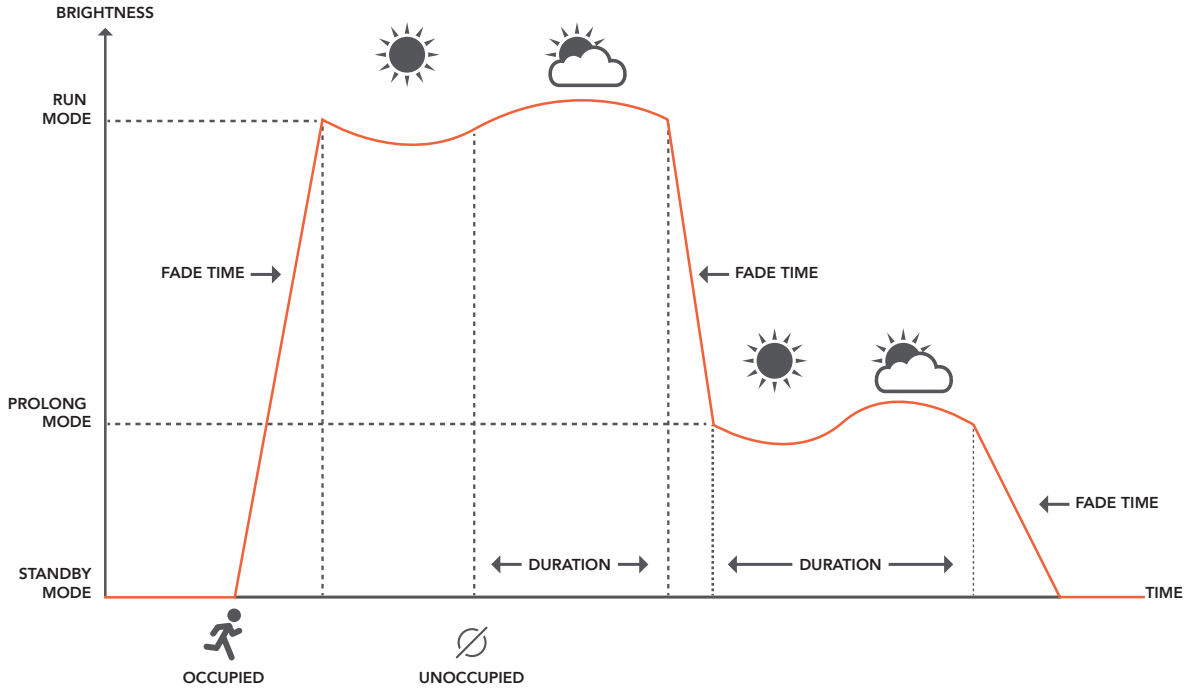


### EXAMPLE OCCUPANCY SCENARIO W/ MANUAL OVERRIDE

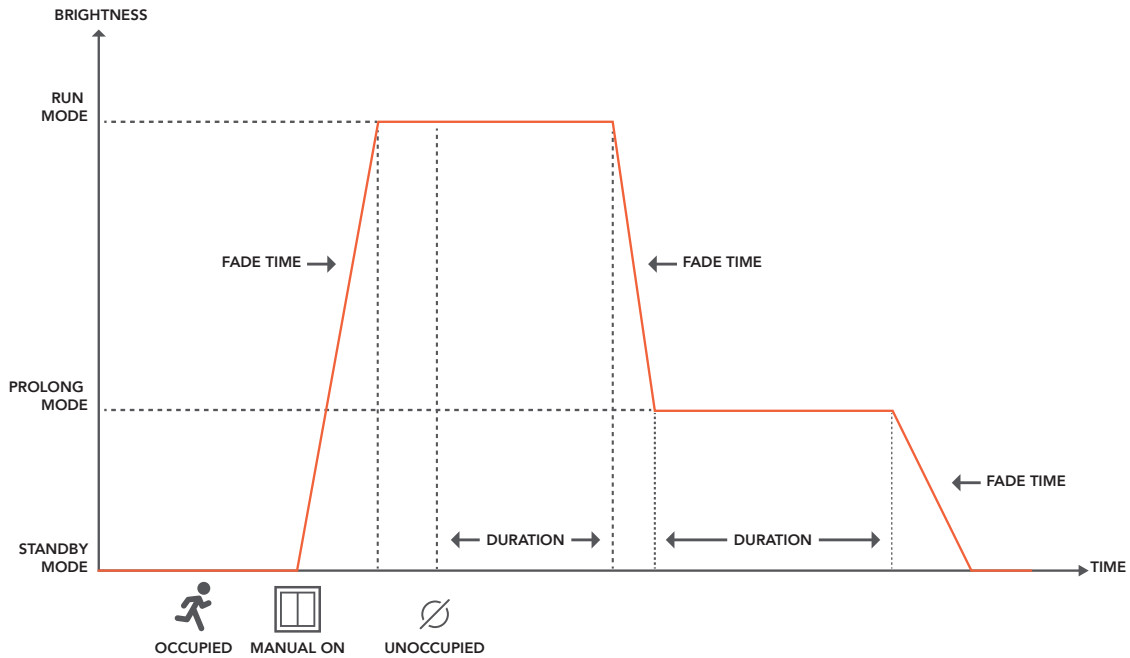




## EXAMPLE OCCUPANCY SCENARIO W/ DAYLIGHT HARVESTING



## EXAMPLE VACANCY SCENARIO



## PASSIVE INFRARED AND DAYLIGHT HARVESTING OCCUPANCY SENSOR

### ATTRIBUTES

ADDING **-OCC** TO THE TROFFER RETROFIT KIT PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **SIMPLE CONTROL** UTILIZING A PASSIVE INFRARED SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HARVESTING SENSOR TO DIM AND/OR TURN OFF THE FLAT PANEL WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL LIGHT LEVELS ARE HIGH.



<b>DETECTION TECHNOLOGY</b>	PASSIVE INFRARED (PIR)
<b>DETECTION TYPE</b>	OCCUPANCY
<b>SENSOR POWER</b>	12VDC
<b>GROUPABLE</b>	NO
<b>NETWORK LIGHTING CONTROL</b>	NO
<b>COMMISSIONING METHOD</b>	IR REMOTE
<b>REMOTE</b>	IR12 -SUBJECT TO CHANGE
<b>DAYLIGHT HARVESTING</b>	YES
<b>HI OR LOW TRIM</b>	NO
<b>BI-LEVEL DIMMING</b>	YES
<b>NETWORK TECHNOLOGY</b>	NONE
<b>INSTALLATION TYPE</b>	AUDIO JACK (EXTERNAL)
<b>DLC LISTED</b>	YES

### IR12 REMOTE - SUBJECT TO CHANGE



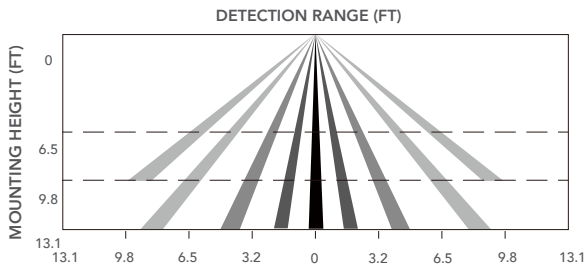
- Permanent ON/OFF Function
- Dim+/-
- Sensor Mode
- Reset Function
- Ambient Learn
- Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

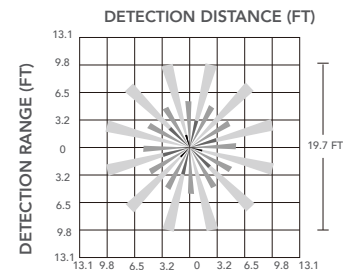


### DETECTION PATTERN / -OCC

#### CEILING MOUNTING



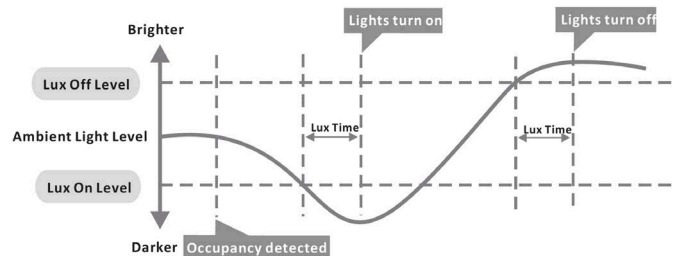
#### WALL MOUNTING



### DAYLIGHT HARVESTING / -OCC

Sensor detects the difference between natural light and artificial light (lamp) from behind the diffuser, switch on automatically (even w/o movements) when the ambient light is below the target value, and switch off automatically whenever the artificial light is not required (ambient light meets target level).

**NOTE** LUX-OFF SAMPLING TIME - 30S. LUX-ON SAMPLING TIME - 10S. LUX-ON FUNCTION WILL ONLY OPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.





## SILVAIR-READY PASSIVE INFRARED AND DAYLIGHT HARVESTING OCCUPANCY SENSOR

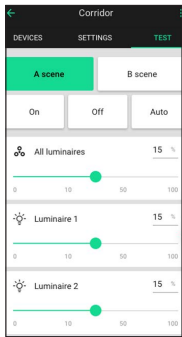
### ATTRIBUTES

<b>DETECTION TECHNOLOGY</b>	PASSIVE INFRARED (PIR)
<b>DETECTION TYPE</b>	OCCUPANCY / VACANCY
<b>SENSOR POWER</b>	12VDC
<b>GROUPABLE</b>	YES
<b>NETWORK LIGHTING CONTROL</b>	YES
<b>COMISSIONING METHOD</b>	SILVAIR APP + IR REMOTE FOR RANGE SETTING
<b>REMOTE</b>	N/A
<b>DAYLIGHT HARVESTING</b>	YES
<b>HI OR LOW TRIM</b>	YES
<b>BI-LEVEL DIMMING</b>	YES
<b>NETWORK TECHNOLOGY</b>	BLUETOOTH
<b>INSTALLATION TYPE</b>	AUDIO JACK (EXTERNAL)
<b>DLC LISTED</b>	YES + DLC NLC

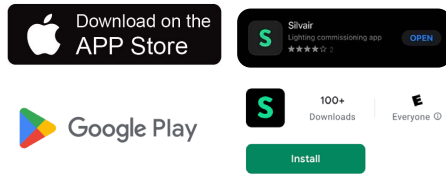
ADDING **-OCCBT** TO THE TROFFER RETROFIT KIT PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH PASSIVE INFRARED SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



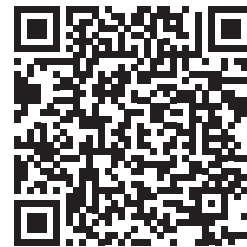
### SILVAIR APP



SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.

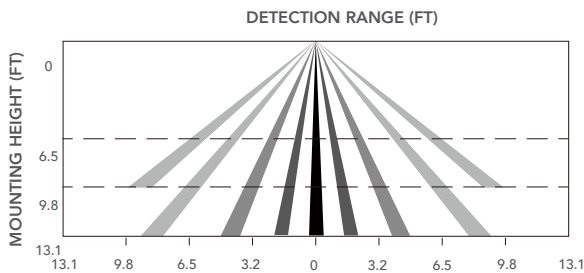


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 8

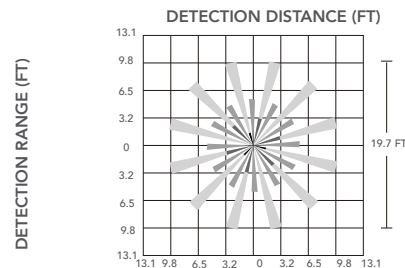


### DETECTION PATTERN / -OCCBT

#### CEILING MOUNTING



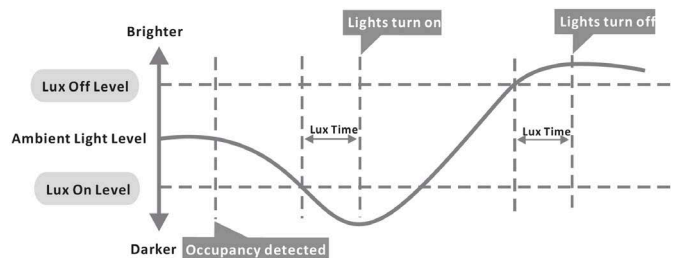
#### WALL MOUNTING



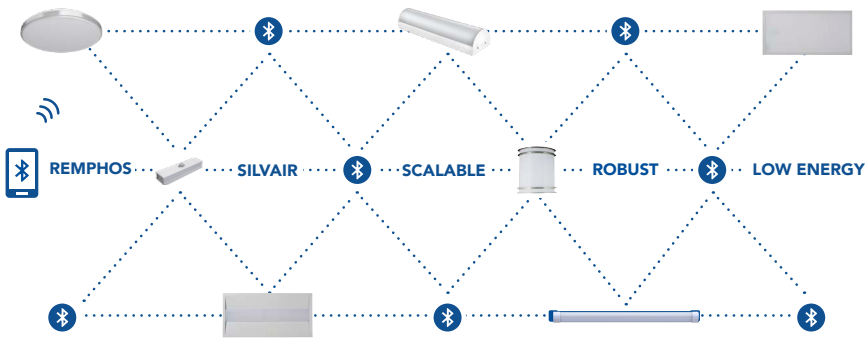
### DAYLIGHT HARVESTING / -OCCBT

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# RemPhos SILVAIR APP + COMMISSIONING OVERVIEW



## WHAT IS SILVAIR?

Silvaair is a software and commissioning app that connects and controls lighting fixtures using Bluetooth mesh technology.

## HOW DOES IT CONNECT?

Silvaair can be set up in advance through the cloud and the Silvaair portal. It can also be commissioned in the field with the IOS app.

## DOWNLOAD SILVAIR APPS



MOBILE APP Apple App Store  
or  
WEB APP [platform.silvaair.com](http://platform.silvaair.com)

