



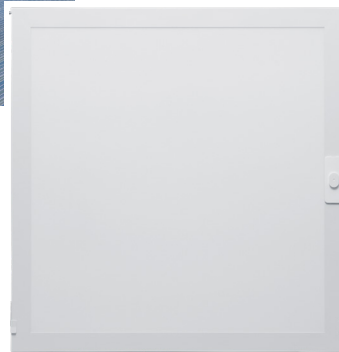
PART #

JOB NAME

TYPE



TRV



TRF

- 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

SIMPLY REMOVE THE CAP  
AND PLUG IN THE SENSOR

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

**TAA**



PART #	UPC	DESCRIPTION	LUMENS	WATTAGE	CCT	DLC CODES
RP-TRV-1X4-24W-40K-WC-TAA	19781003076	1X4 VOLUMETRIC RETROFIT KIT	2000/2500/ <b>3000</b>	<b>FLEXWATT</b> 16W/20W/ <b>24W</b>	<b>FLEXCOLOR</b> 3500K/ <b>4000K</b> / 5000K	COMING SOON
RP-TRV-2X2-24W-40K-WC-TAA	19781001593	2X2 VOLUMETRIC RETROFIT KIT				S-MKZ6M1
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>		S-DF8JK4
RP-TRF-1X4-24W-40K-WC-TAA	19781003077	1X4 FLAT PANEL RETROFIT KIT	2000/2500/ <b>3000</b>	<b>FLEXWATT</b> 16W/20W/ <b>24W</b>		S-RMNK3D
RP-TRF-2X2-24W-40K-WC-TAA	19781001595	2X2 FLAT PANEL RETROFIT KIT				S-N8JN7J
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>		S-HCRLXM

DEFAULT LUMENS, WATTAGE AND CCT ARE SHOWN IN BOLD.





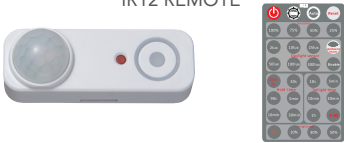



### PART NUMBER BUILDER

MFR	PRODUCT	SIZE (FT.)	DEFAULT WATTAGE	DEFAULT CCT	FUNCTION	OPTIONS	LISTING	EMG
RP				40K	WC		TAA	EM1
	TRV	1X4	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	2X2						
		2X4	40W					

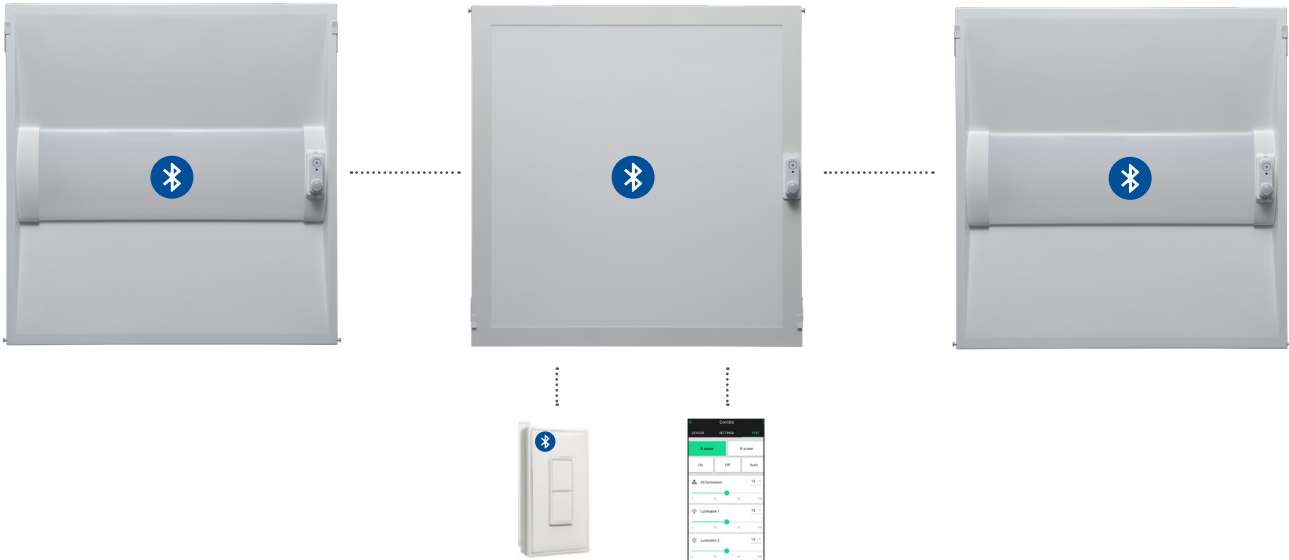
EXAMPLE PART NUMBER RP-TRV-2X2-24W-40K-WC-OCC-TAA-EM1

### 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)

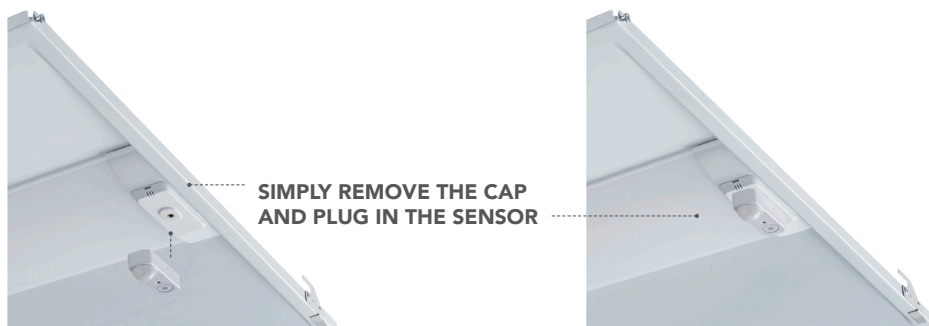


	1	2	3
1X4	16W (2000LM)	20W (2500LM)	24W (3000LM)
2X2	16W (2000LM)	20W (2500LM)	24W (3000LM)
2X4	24W (3000LM)	30W (3750LM)	40W (5000LM)

### FLEXCOLOR™ TECHNOLOGY (SWITCH POSITION)

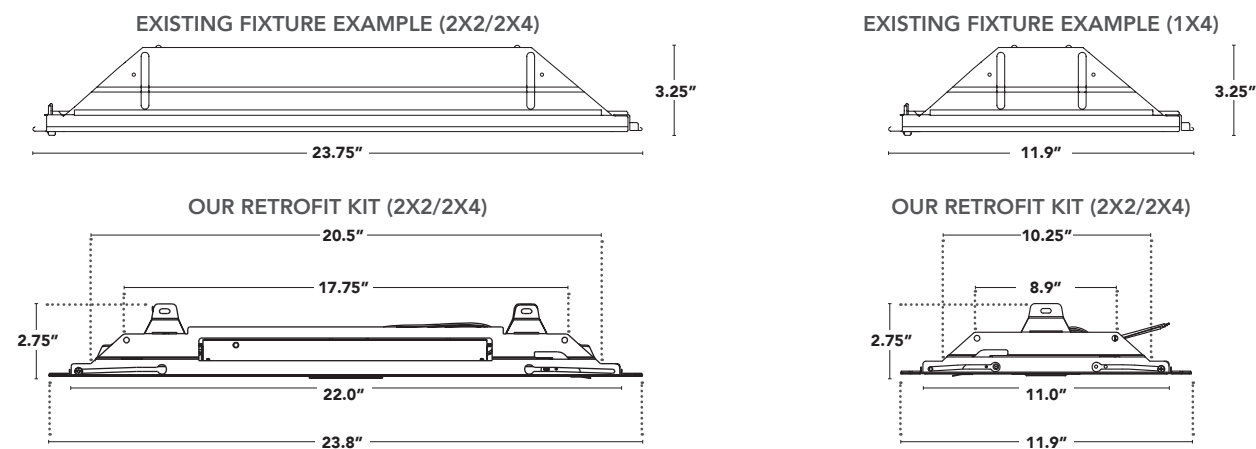


3500K	3500°K NEUTRAL / POSITION 1
4000K	4000°K NEUTRAL / POSITION 2
5000K	5000°K COOL / POSITION 3



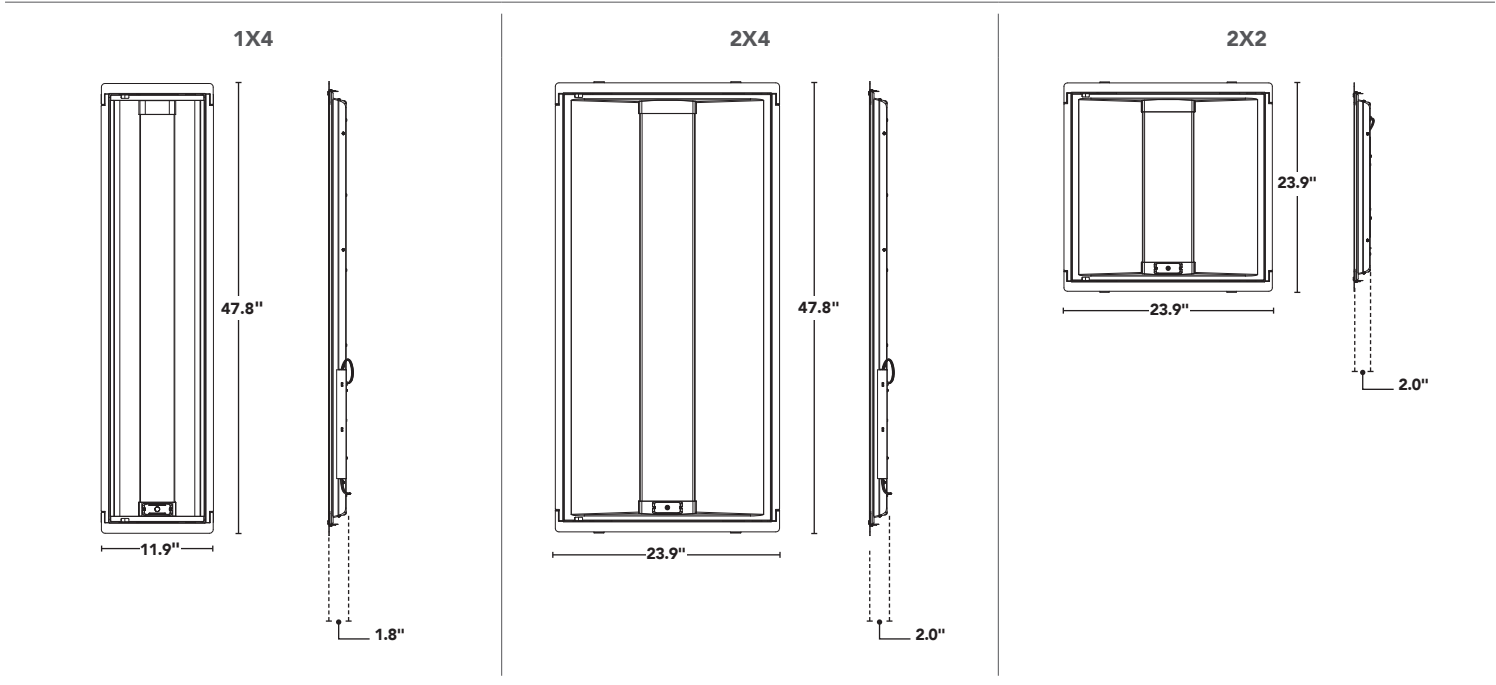
### FIT COMPATIBILITY

The Troffer Retrofit Kit was designed to upgrade recessed 1x4, 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.

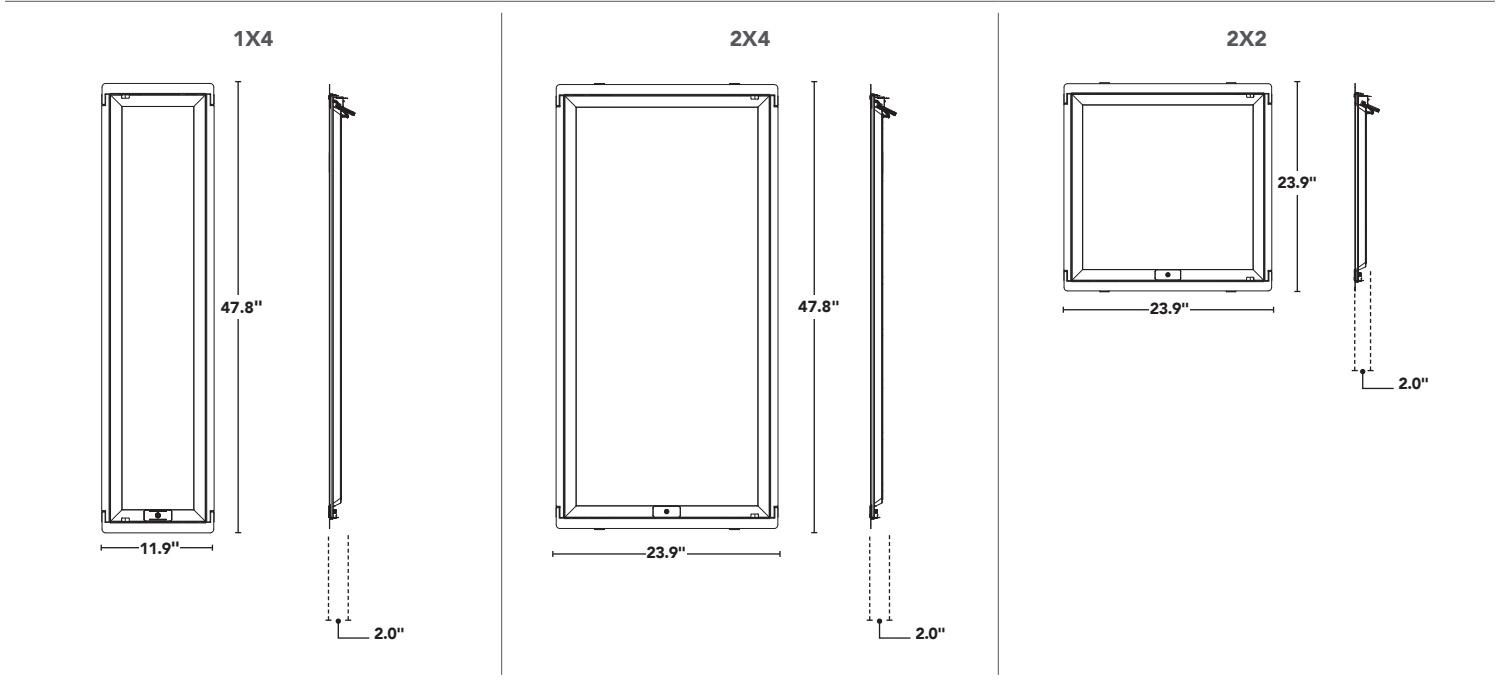




TRV DIMENSIONS



TRF DIMENSIONS

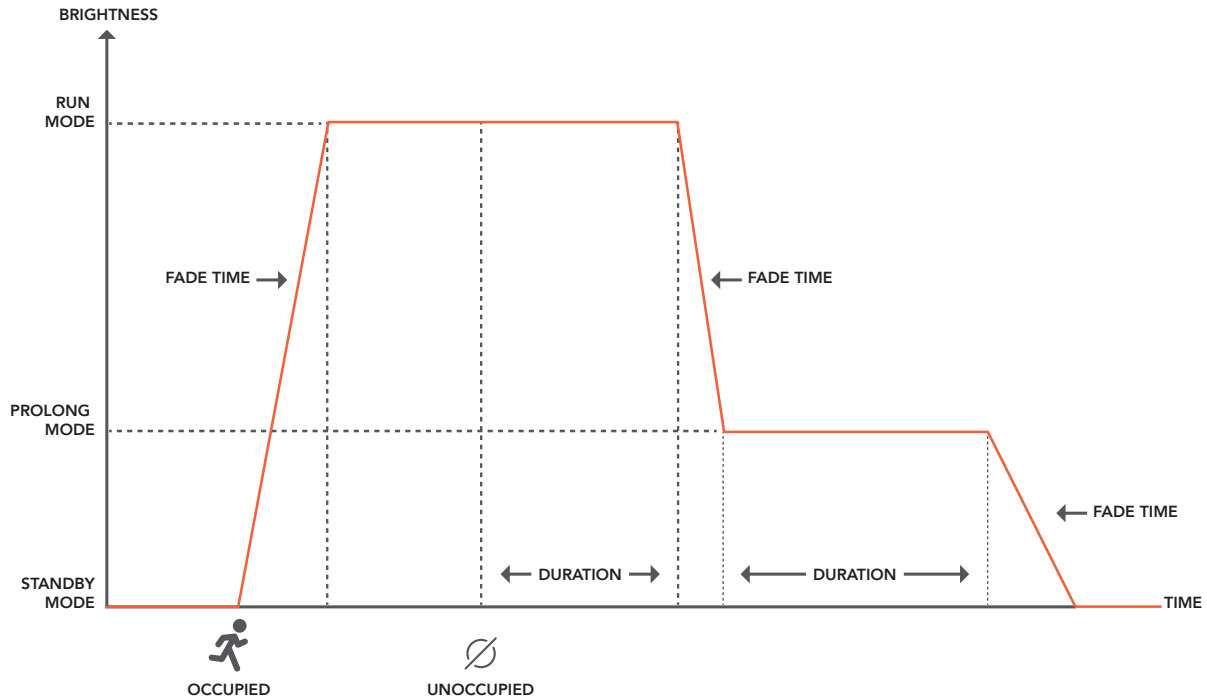




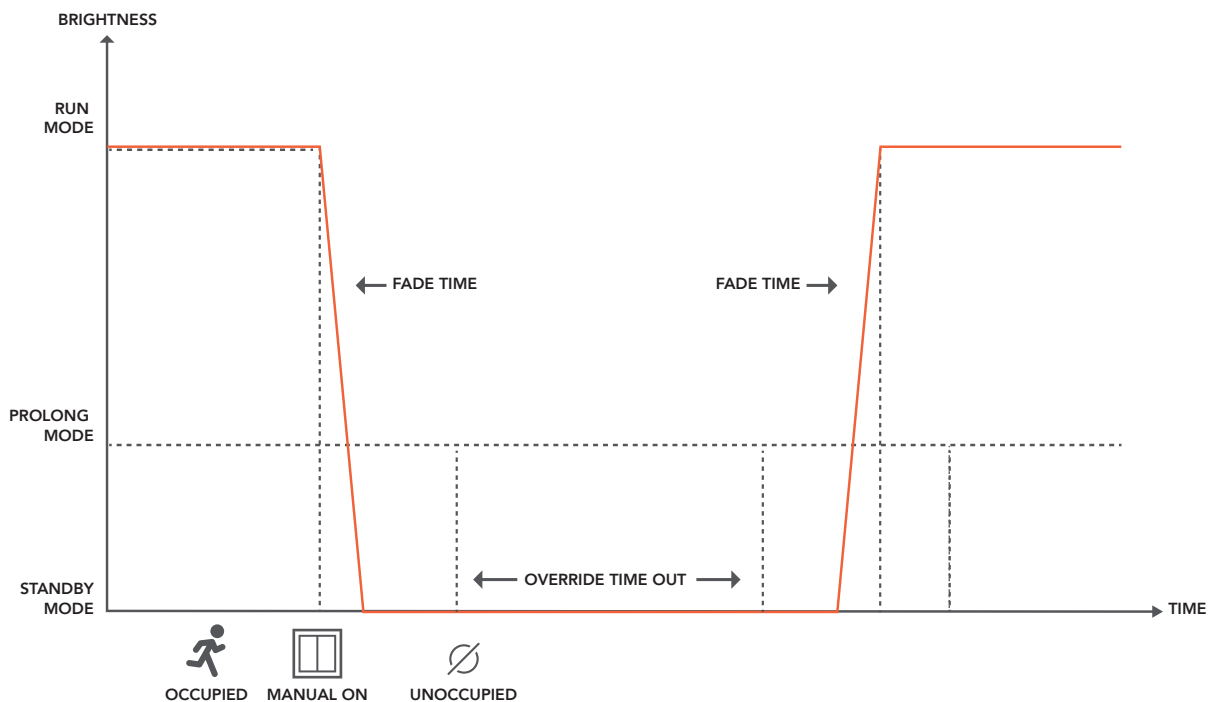
### LIGHTING CONTROL SCENARIOS

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

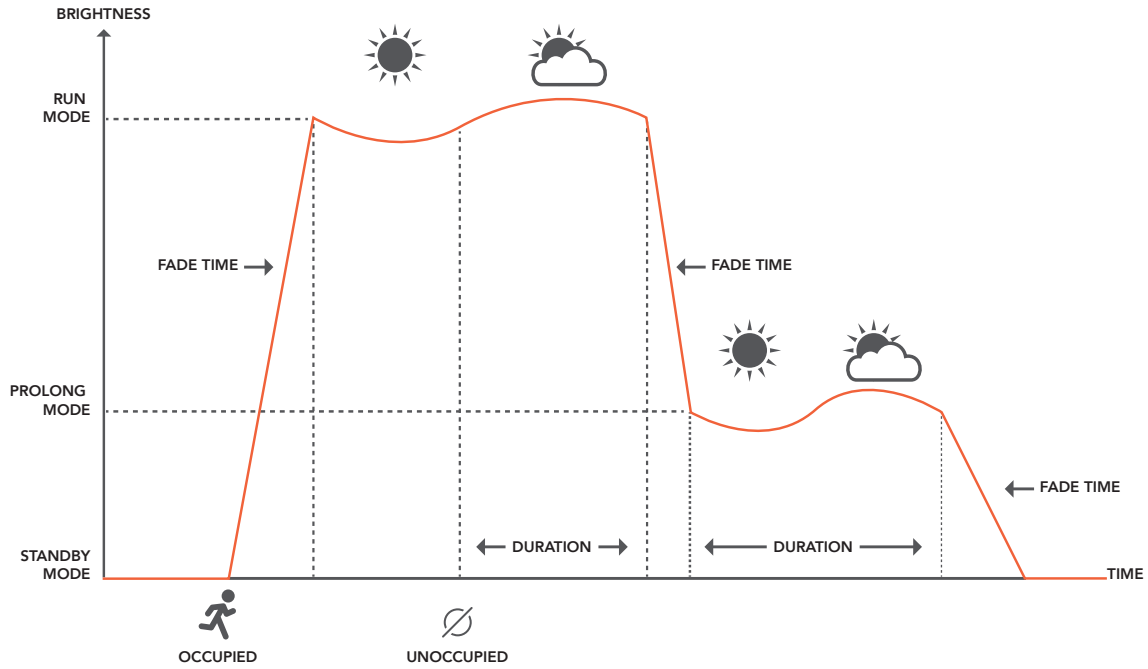


### EXAMPLE OCCUPANCY SCENARIO W/ MANUAL OVERRIDE

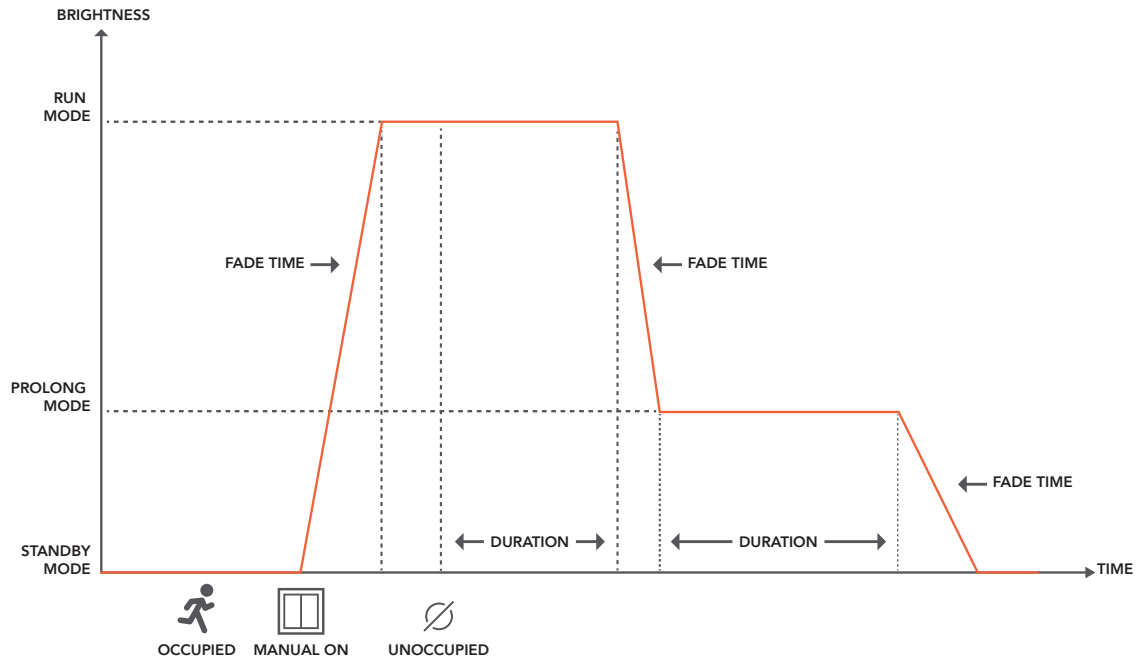




### EXAMPLE OCCUPANCY SCENARIO W/ DAYLIGHT HARVESTING



### EXAMPLE VACANCY SCENARIO



## PASSIVE INFRARED AND DAYLIGHT HARVESTING OCCUPANCY SENSOR

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.









### ATTRIBUTES

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

### IR12 REMOTE - SUBJECT TO CHANGE



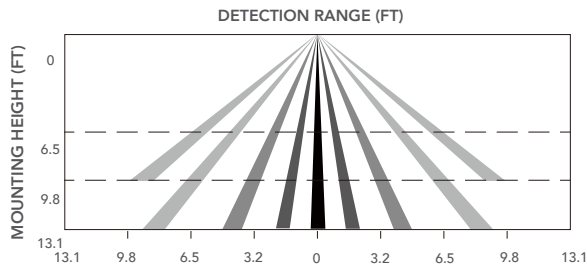
-  Permanent ON/OFF Function
-  Dim+/-
-  Sensor Mode
-  Reset Function
-  Ambient Learn
-  Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

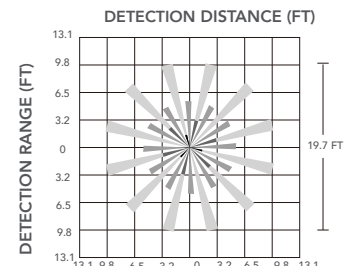


### DETECTION PATTERN / -OCC

#### CEILING MOUNTING



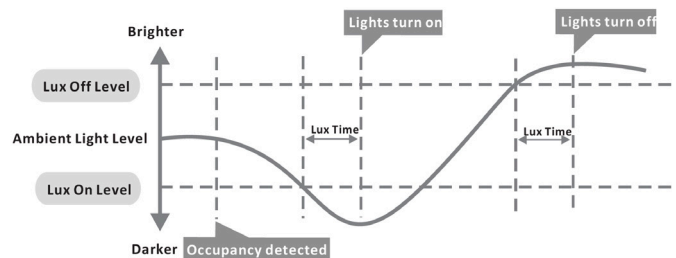
#### WALL MOUNTING



### 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

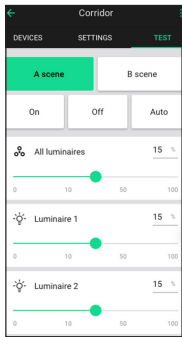
ADDING **-OCCBT** TO THE TROFFER RETROFIT KIT PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH PASSIVE INFRARED SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



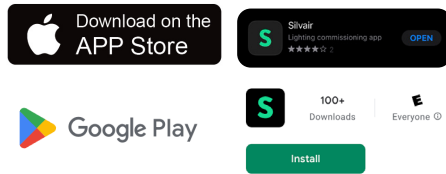
### ATTRIBUTES

<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>COMMISSIONING 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

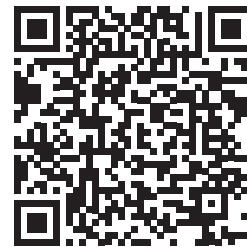
### SILVAIR APP



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

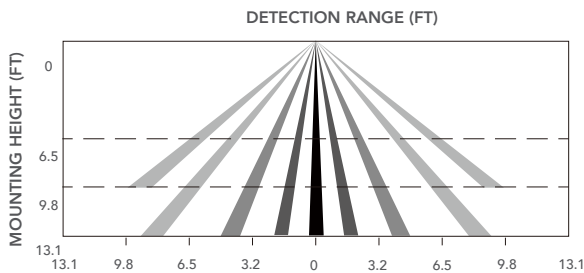


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 8

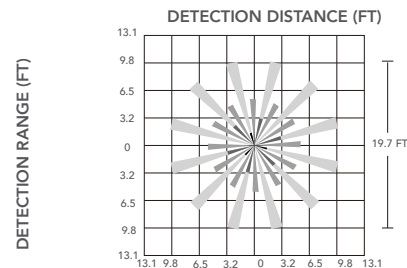


### DETECTION PATTERN / -OCCBT

#### CEILING MOUNTING



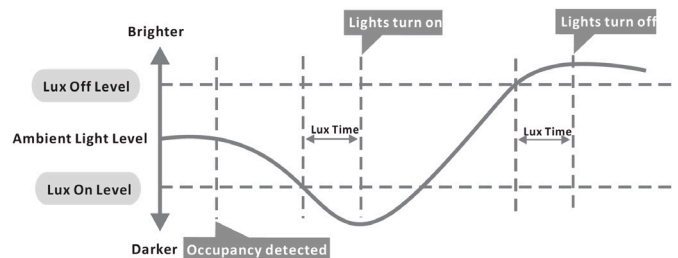
#### WALL MOUNTING



### DAYLIGHT HARVESTING / -OCCBT

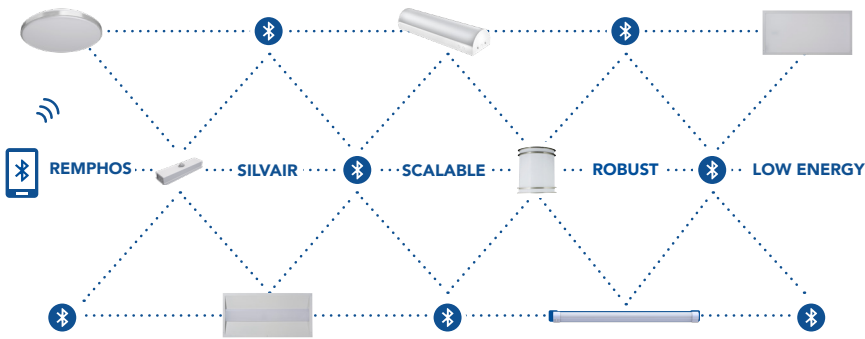
Sensor detects the difference between natural light and artificial light (lamp) from behind the diffuser, switch on automatically (even w/o movements) when the ambient light is below the target value, and switch off automatically whenever the artificial light is not required (ambient light meets target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

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# RemPhos SILVAIR APP + COMMISSIONING OVERVIEW



## WHAT IS SILVAIR?

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

## HOW DOES IT CONNECT?

Sil vair can be set up in advance through the cloud and the Sil vair 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.silvair.com](https://platform.silvair.com)

