



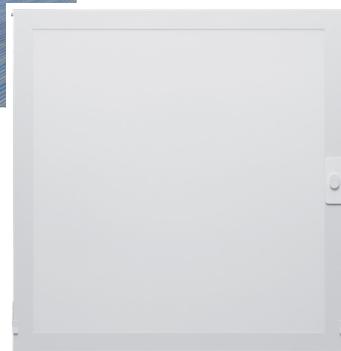
PART # _____

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 1x4, 2x2 and 2x4 sizes.

- Slim multipiece retrofit design
- Choose from a volumetric or flat panel design
- Factory-installed emergency battery back up available
- Constant Current driver is flicker free in accordance w/ IEEE-PAR1789, conforms to GSA P100 and meets IES recommendations.
- Field-installable **SIMPLE & NETWORK LIGHTING CONTROLS** options

..... 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

102,000hrs RATED LIFE

PART #	UPC	DESCRIPTION	LUMENS	WATTAGE	CCT	DLC CODES
RP-TRV-1X4-24W-40K-WC-TAA	197810030768	1X4 VOLUMETRIC RETROFIT KIT	2000/2500/ 3000	FLEXWATT 16W/20W/ 24W	FLEXCOLOR 3500K/ 4000K / 5000K	COMING SOON
RP-TRV-2X2-24W-40K-WC-TAA	197810015932	2X2 VOLUMETRIC RETROFIT KIT				S-MKZ6M1
RP-TRV-2X4-40W-40K-WC-TAA	197810015949	2X4 VOLUMETRIC RETROFIT KIT	3000/3750/ 5000	FLEXWATT 24W/30W/ 40W		S-DF8JK4
RP-TRF-1X4-24W-40K-WC-TAA	197810030775	1X4 FLAT PANEL RETROFIT KIT	2000/2500/ 3000	FLEXWATT 16W/20W/ 24W		S-RMNK3D
RP-TRF-2X2-24W-40K-WC-TAA	197810015956	2X2 FLAT PANEL RETROFIT KIT				S-N8JN7J
RP-TRF-2X4-40W-40K-WC-TAA	197810015963	2X4 FLAT PANEL RETROFIT KIT	3000/3750/ 5000	FLEXWATT 24W/30W/ 40W		S-HCRLXM

DEFAULT LUMENS, WATTAGE AND CCT ARE SHOWN IN BOLD.



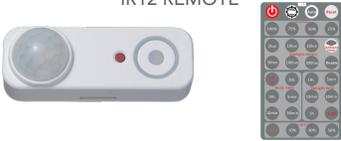


PART NUMBER BUILDER

MFR	PRODUCT	SIZE (FT.)	DEFAULT WATTAGE	DEFAULT CCT	FUNCTION	OPTIONS	LISTING	EMG	LVD
RP				40K	WC		TAA	EM1	LVD
	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	LVD = LINE VOLTAGE DIMMING DRIVER. 120V DIMMING ONLY
	TRF	2X2							
		2X4	40W						

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

CONTROL OPTIONS

SIMPLE LIGHTING CONTROL	NETWORK LIGHTING CONTROL
<p align="center">-OCC</p> <p align="center">PASSIVE INFRARED AND DAYLIGHT HARVESTING OCCUPANCY SENSOR IR12 REMOTE*</p> 	<p align="center">-OCCBT</p> <p align="center">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)

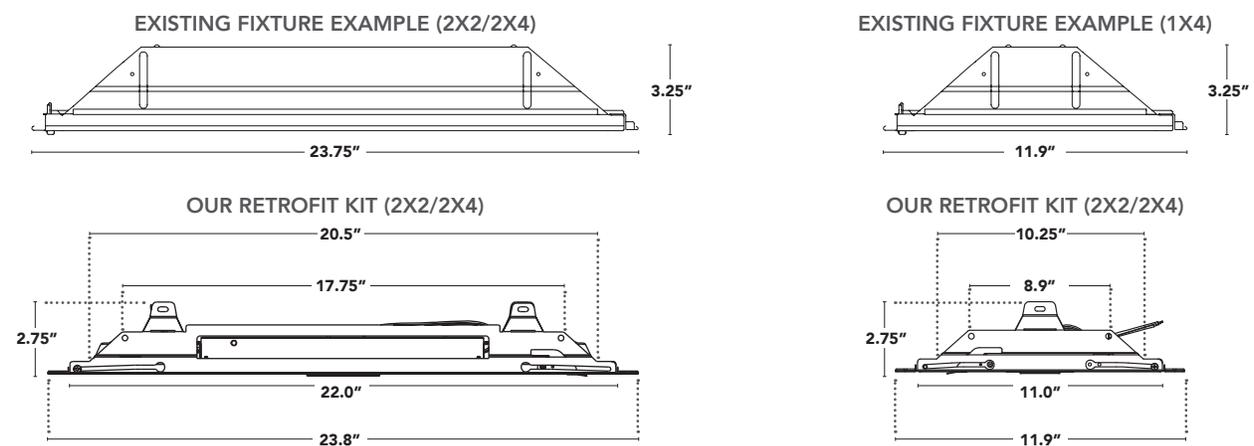


- 3500K** 3500°K NEUTRAL / POSITION 1
- 4000K** 4000°K NEUTRAL / POSITION 2
- 5000K** 5000°K COOL / POSITION 3



FIT COMPATIBILITY

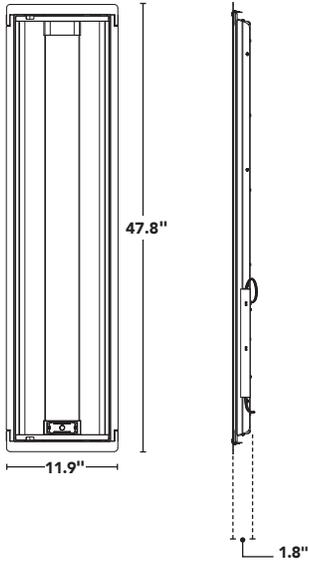
The Troffer Retrofit Kit was designed to upgrade recessed 1x4, 2x2, and 2x4 fixtures, including parabolic and lensed troffers from most major manufacturers. Example fixture dimensional requirements below. We also recommend a trial installation before placing an order.



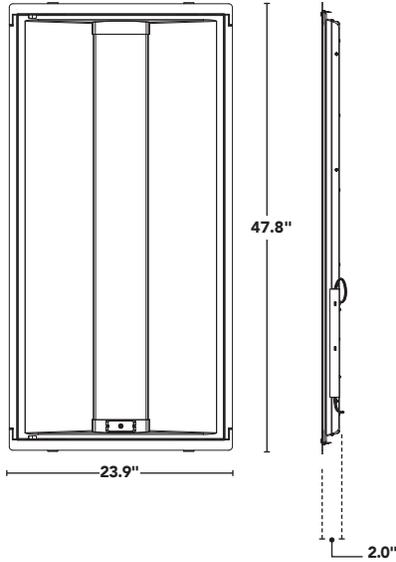


TRV DIMENSIONS

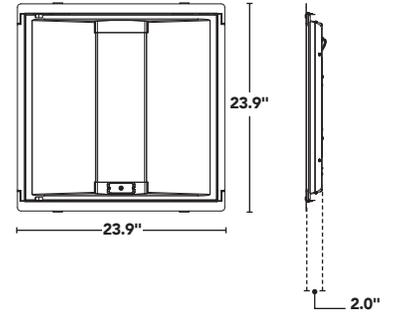
1X4



2X4

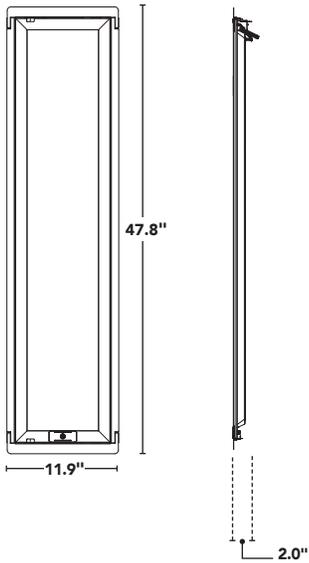


2X2

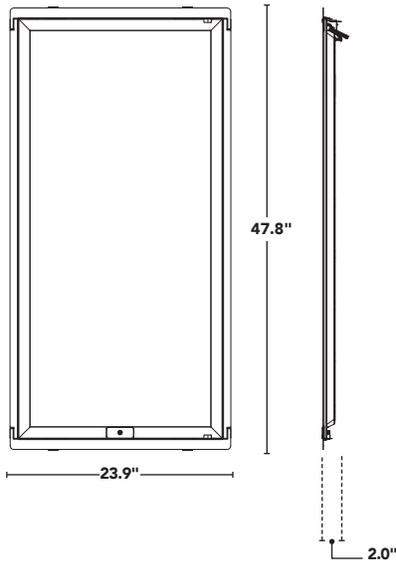


TRF DIMENSIONS

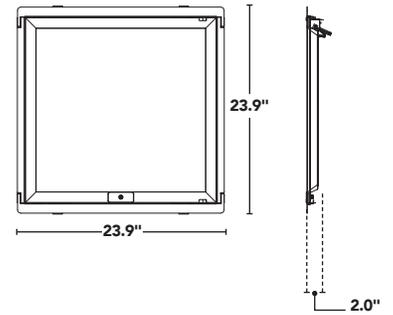
1X4



2X4



2X2

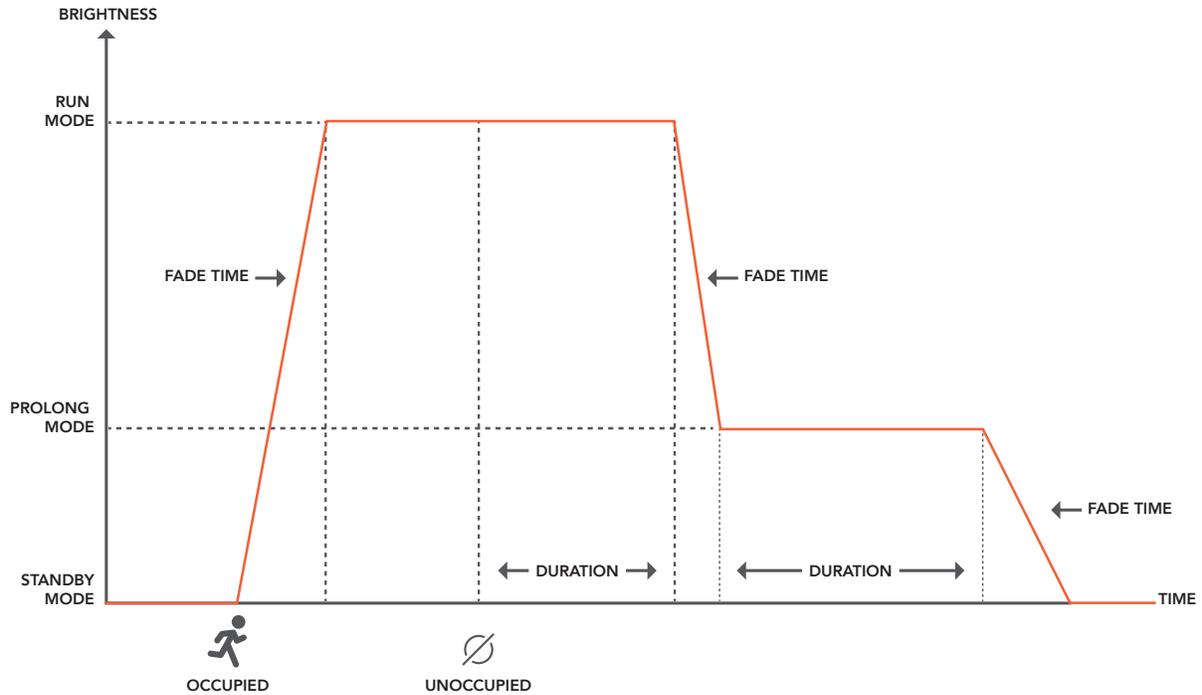




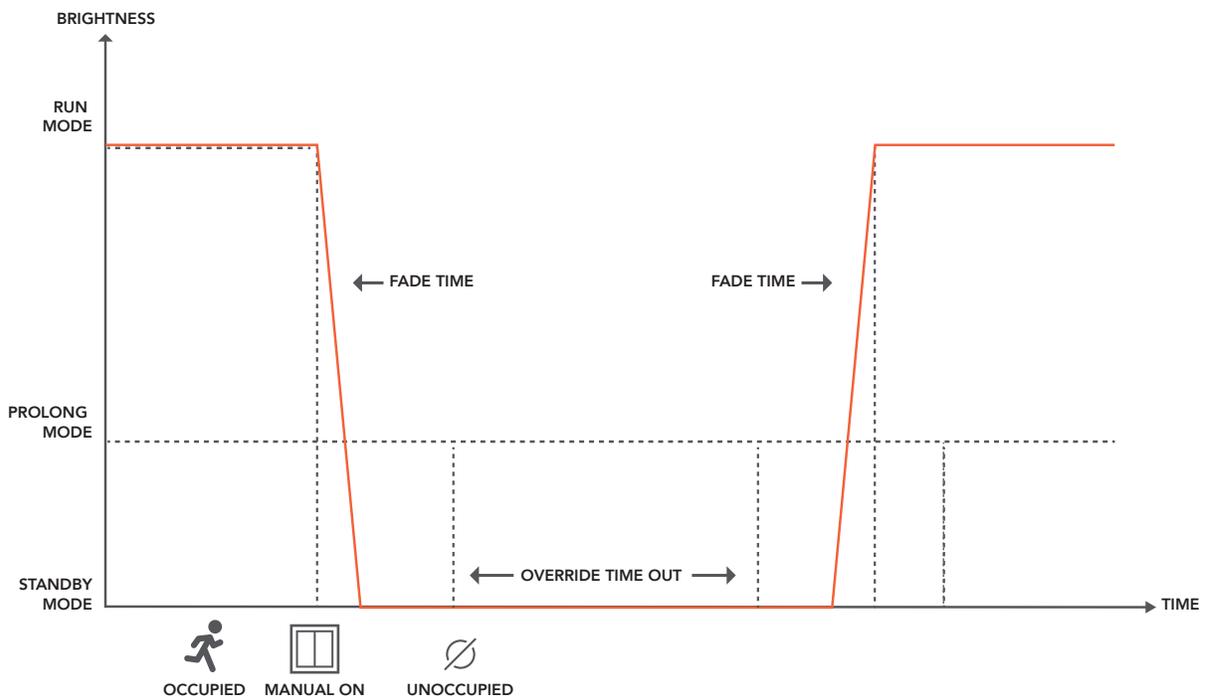
LIGHTING CONTROL SCENARIOS

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

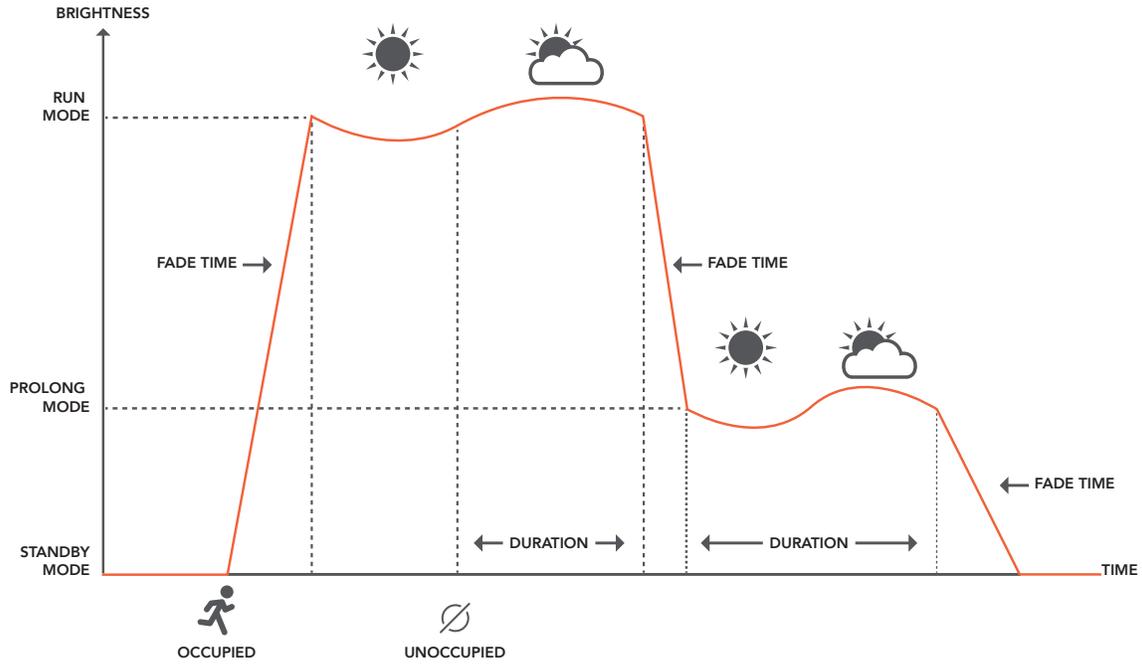


EXAMPLE OCCUPANCY SCENARIO W/ MANUAL OVERRIDE

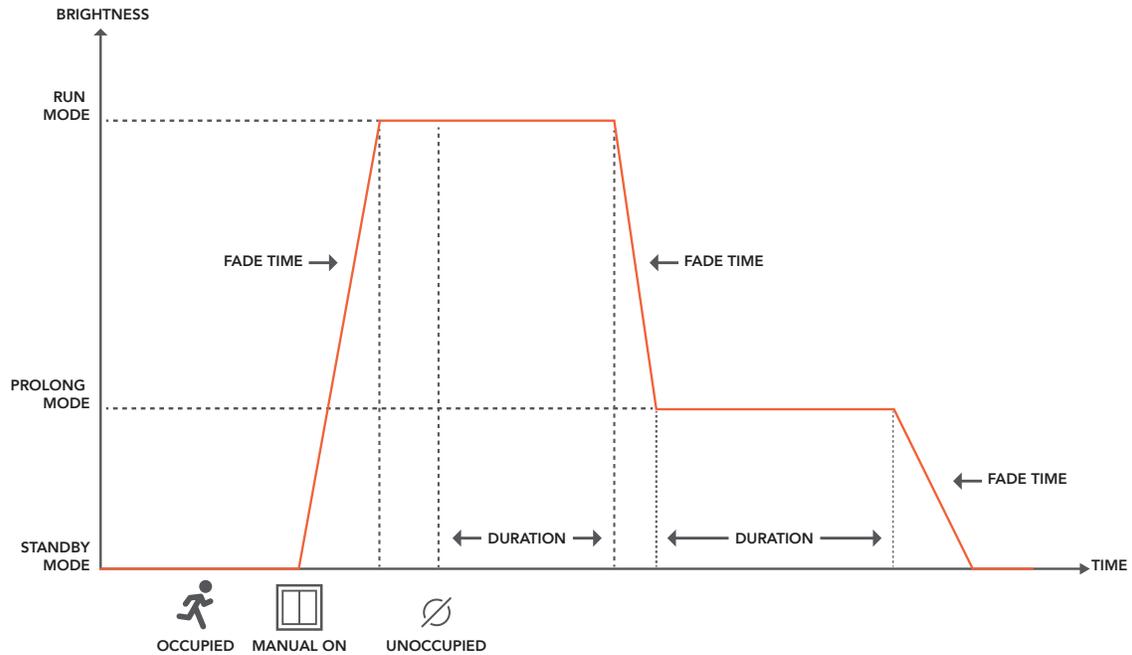




EXAMPLE OCCUPANCY SCENARIO W/ DAYLIGHT HARVESTING



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.



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



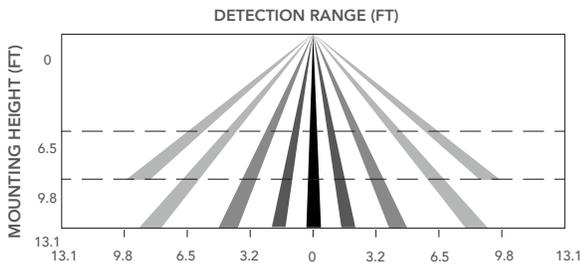
-  Permanent ON/OFF Function
-  Dim+/-
-  Sensor Mode
-  Reset Function
-  Ambient Learn
-  Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

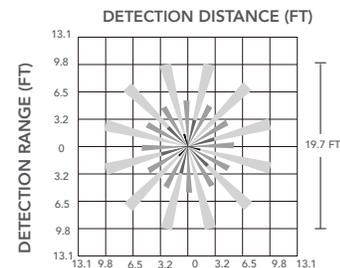


DETECTION PATTERN / -OCC

CEILING MOUNTING



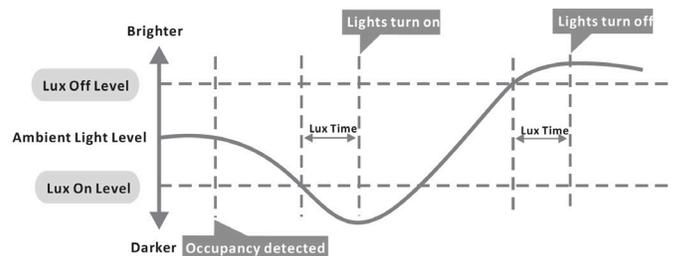
WALL MOUNTING



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

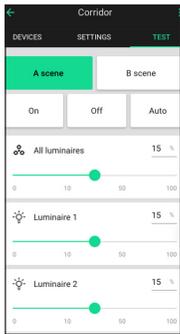
ATTRIBUTES

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

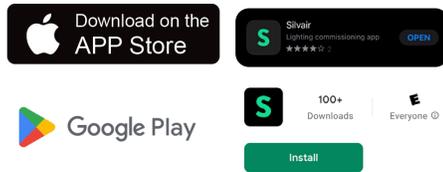
ADDING **-OCCBT** TO THE TROFFER RETROFIT KIT PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH PASSIVE INFRARED SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



SILVAIR APP



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

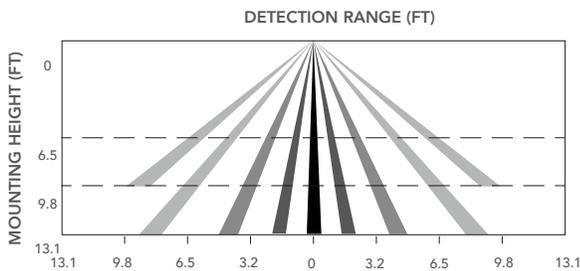


FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 8

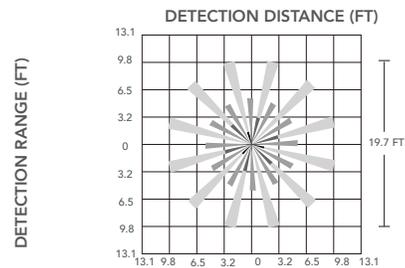


DETECTION PATTERN / -OCCBT

CEILING MOUNTING



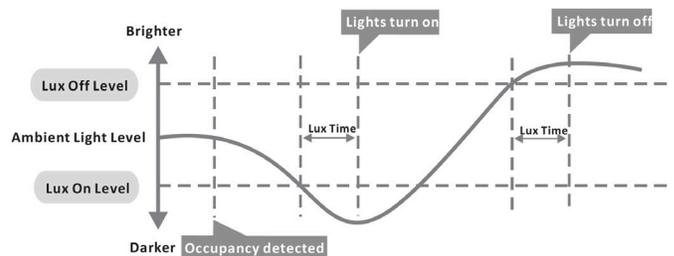
WALL MOUNTING



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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

