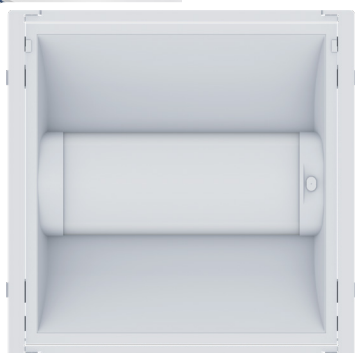




PART #

JOB NAME

TYPE



Our second generation Troffer Retrofit Kits have a new multipiece design and are easier to install than the competition. Packed w/ flex features and available in a volumetric panel design, Troffer Retrofit Kits are available in 1x4, 2x2 and 2x4 sizes.

- Slim multipiece retrofit 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

CONTROL READY PORT

OPTIONAL EMG BATTERY BACKUP

EFFICACY (LIGHT ENGINE)

DIMMABLE

BEAM ANGLE

SURGE PROTECTION

OPERATING TEMP

50,000hrs RATED LIFE

PART #	DESCRIPTION	LUMENS	WATTAGE	CCT	DLC CODES
RP-TRV-G2-1X4-37W-40K-WC-TAA	1X4 VOLUMETRIC RETROFIT KIT	2100/4000/ 5000	FLEXWATT 16W/30W/ 37W	FLEXCOLOR 3500K/ 4000K /5000K	COMING SOON
RP-TRV-G2-2X2-37W-40K-WC-TAA	2X2 VOLUMETRIC RETROFIT KIT				
RP-TRV-G2-2X4-41W-40K-WC-TAA	2X4 VOLUMETRIC RETROFIT KIT	3100/4000/ 5500	FLEXWATT 23W/30W/ 41W		

DEFAULT LUMENS, WATTAGE AND CCT ARE SHOWN IN BOLD.





PART NUMBER BUILDER

MFR	PRODUCT	GEN	SIZE (FT.)	DEFAULT WATTAGE	DEFAULT CCT	FUNCTION	OPTIONS	LISTING	EMG
RP	TRV	G2			40K	WC		TAA	EM1
			1X4	37W	40K = 4000K	WC = FLEXWATT + FLEXCOLOR	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
			2X2						
			2X4	41W					

EXAMPLE PART NUMBER RP-TRV-G2-2X2-37W-40K-WC-OCC-TAA-EM1

CONTROL OPTIONS

SIMPLE LIGHTING CONTROL

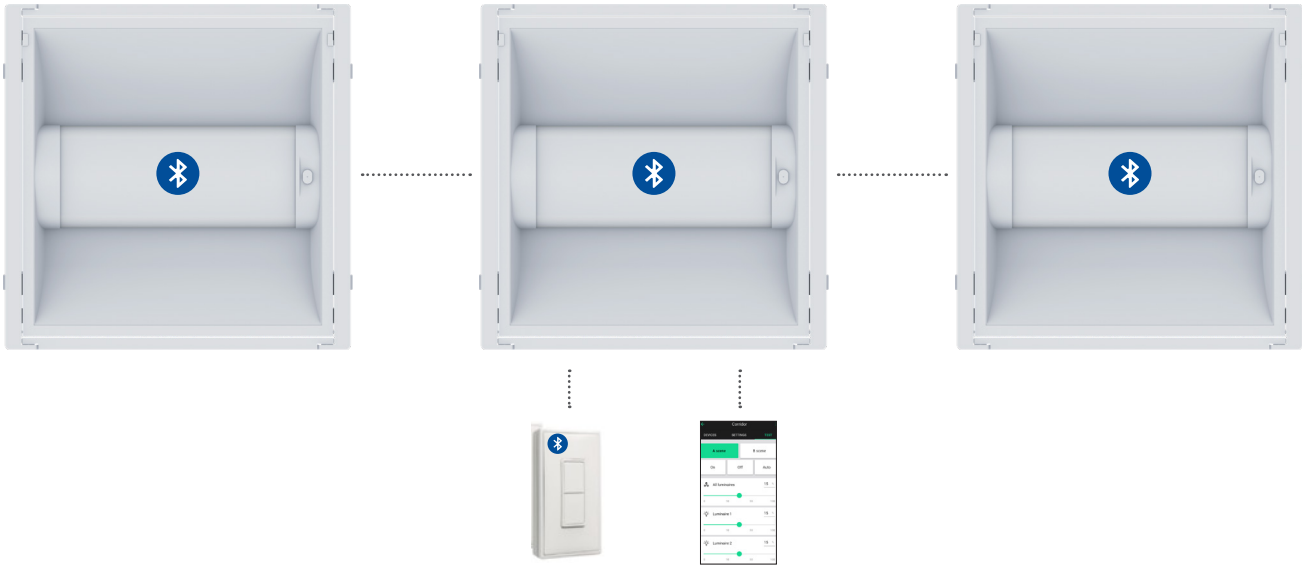
-OCC
PASSIVE INFRARED OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR
IR23 REMOTE

NETWORK LIGHTING CONTROL

-OCCBT
SILVAIR™ PASSIVE INFRARED MOTION AND DAYLIGHT HARVESTING SENSOR
SILVAIR APP

BLUETOOTH CONTROL

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





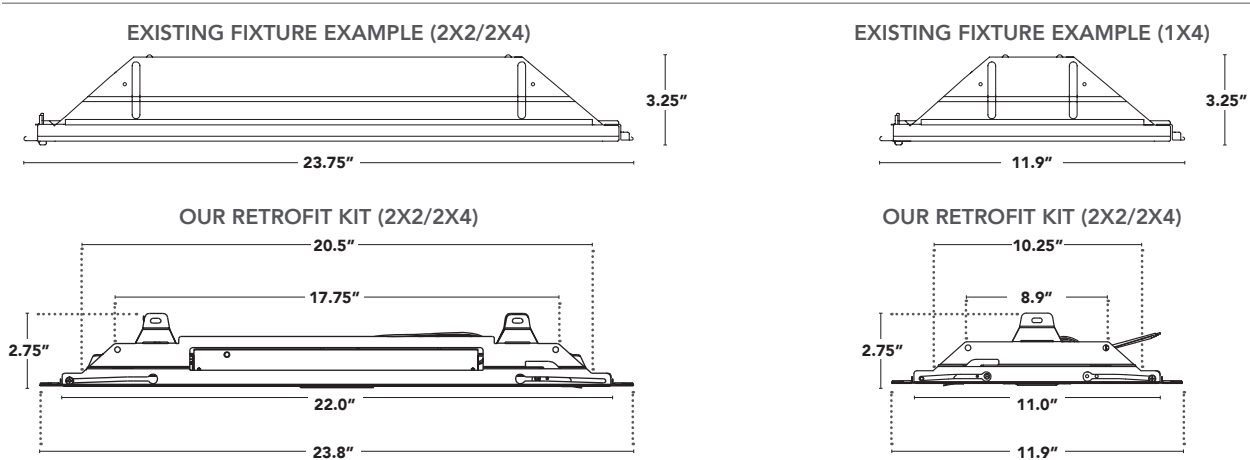
9 SKUs in 1 WITH FLEXWATT™ & FLEXCOLOR™ TECHNOLOGY (CONTROLLABLE BY SWITCH)

	1X4 / 2X2			2X4		
	POSITION 1	POSITION 2	POSITION 3	POSITION 1	POSITION 2	POSITION 3
FLEXWATT SWITCH	16W (2100LM)	30W (4000LM)	37W (5000LM)	23W (3100LM)	30W (4000LM)	41W (5500LM)
FLEXCOLOR SWITCH	3500K	4000K	5000K	3500K	4000K	5000K

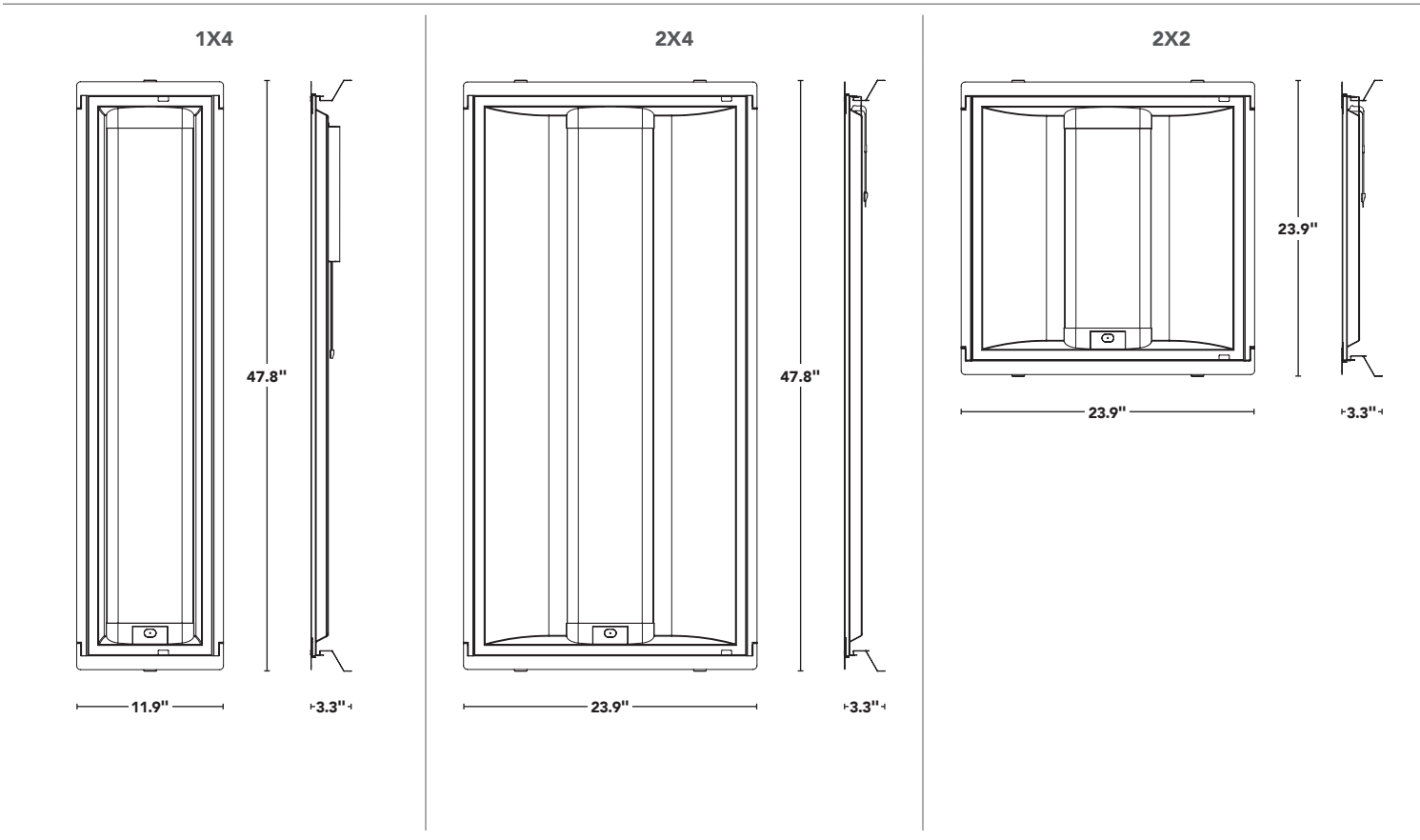


FIT COMPATIBILITY

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

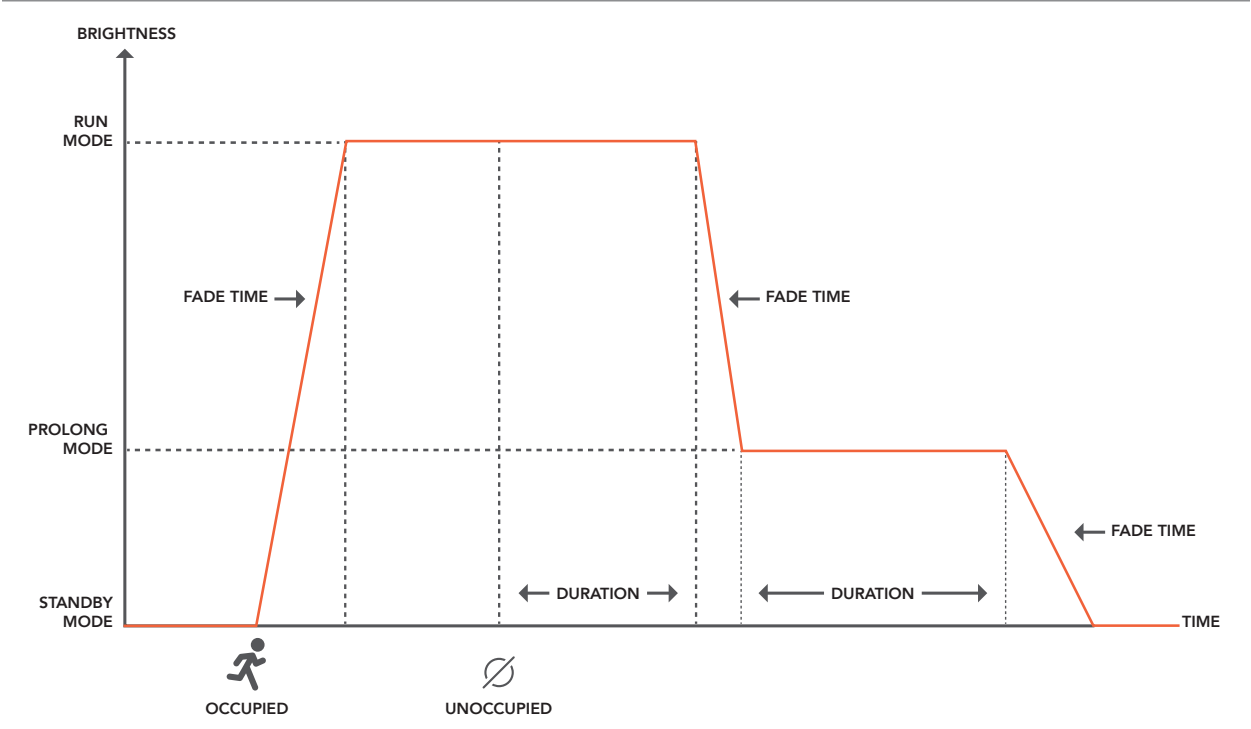




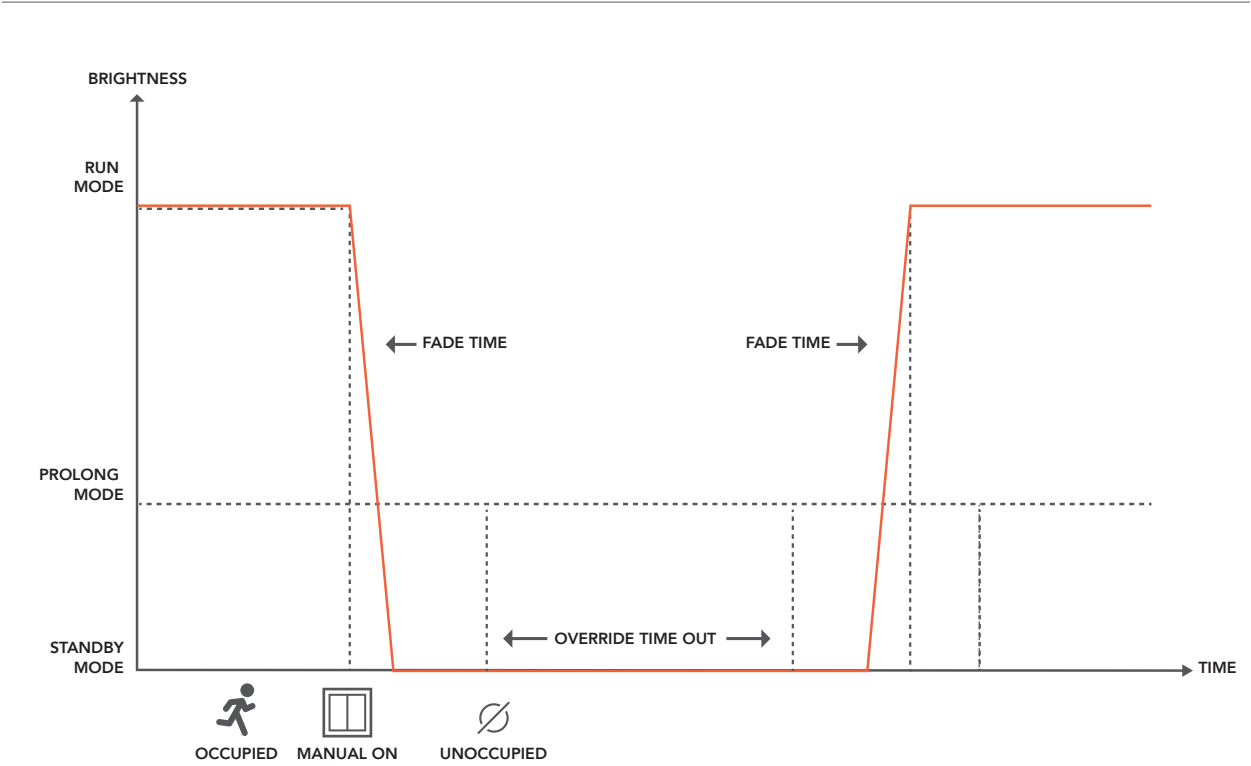
LIGHTING CONTROL SCENARIOS

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

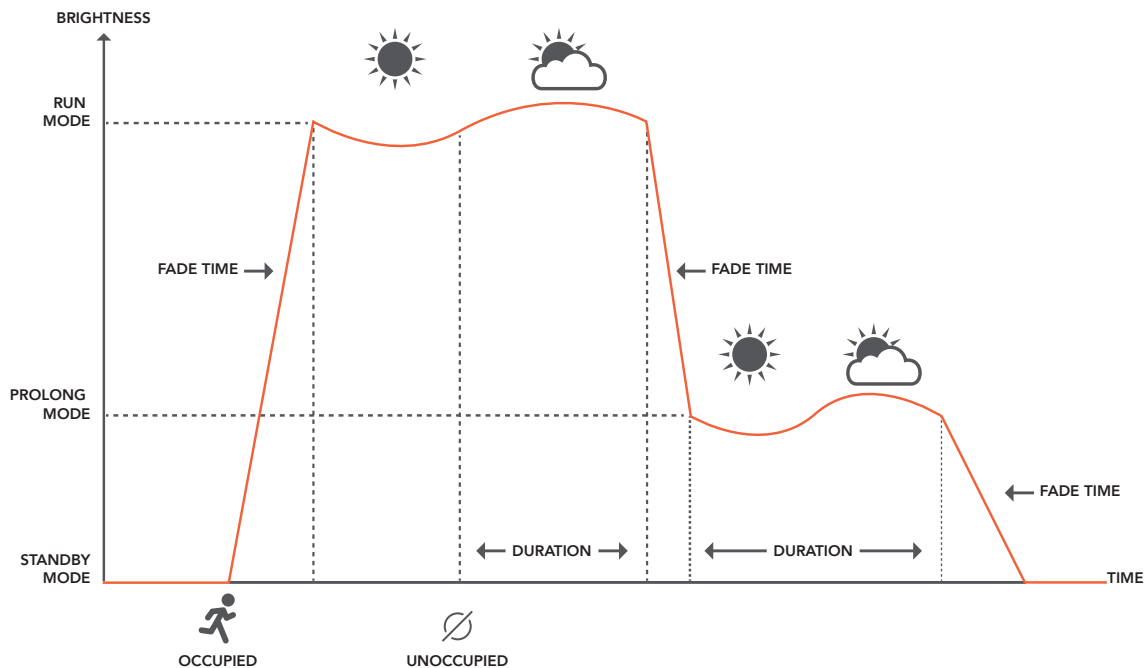


EXAMPLE OCCUPANCY SCENARIO W/ MANUAL OVERRIDE

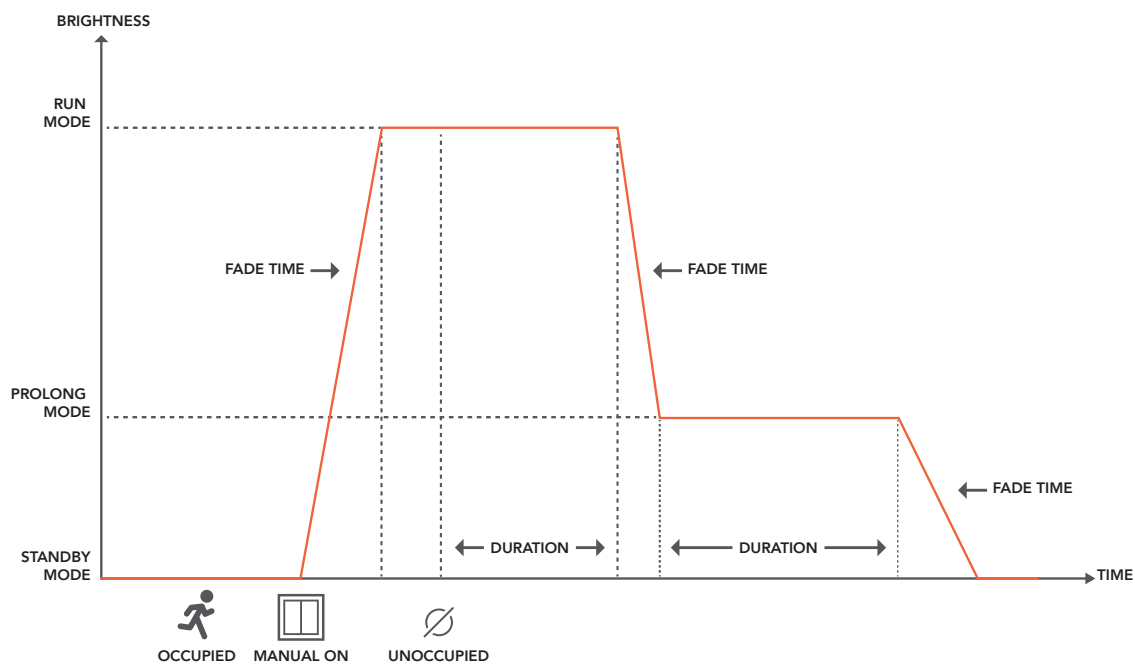




EXAMPLE OCCUPANCY SCENARIO W/ DAYLIGHT HARVESTING



EXAMPLE VACANCY SCENARIO



PASSIVE INFRARED OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR

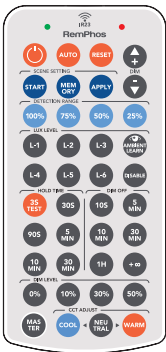
ADDING **-OCC** TO THE TROFFER RETROFIT KIT PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **SIMPLE CONTROL** UTILIZING A PASSIVE INFRARED SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HARVESTING SENSOR TO DIM AND/OR TURN OFF THE FLAT PANEL WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL 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	IR23
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	AUDIO JACK (EXTERNAL)
DLC LISTED	YES

IR23 REMOTE



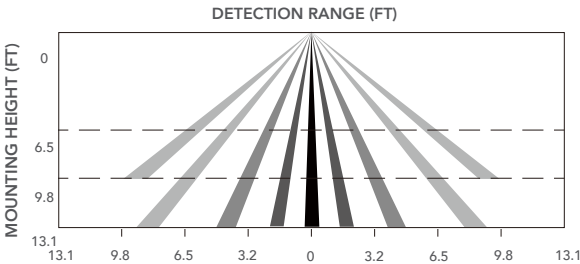
-  **PERMANENT ON/OFF FUNCTION**
-  **SENSOR MODE**
-  **RESET FUNCTION**
-  **AMBIENT LEARN**
-  **TEST MODE**
-  **DIM +/-**

FOR MORE INFORMATION ON THE IR23 REMOTE SCAN BELOW

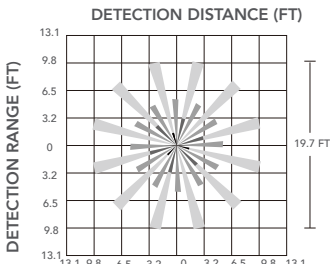


DETECTION PATTERN / -OCC

CEILING MOUNTING



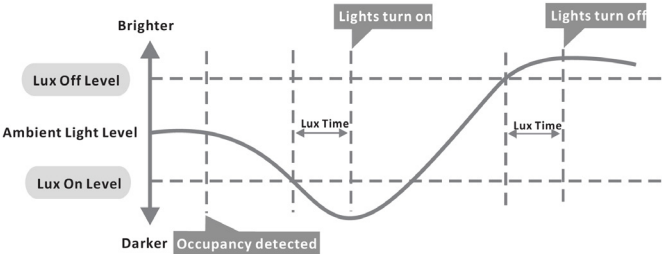
WALL MOUNTING



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™ PASSIVE INFRARED MOTION AND DAYLIGHT HARVESTING 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.

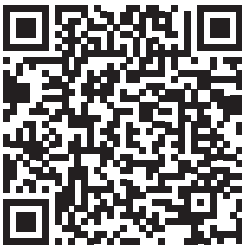


ATTRIBUTES	
DETECTION TECHNOLOGY	PASSIVE INFRARED (PIR)
DETECTION TYPE	OCCUPANCY / VACANCY
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMISSIONING METHOD	SILVAIR APP + IR REMOTE FOR RANGE SETTING
REMOTE	N/A
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY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

SILVAIR APP

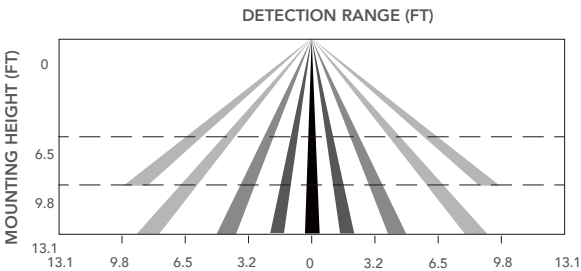
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.

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

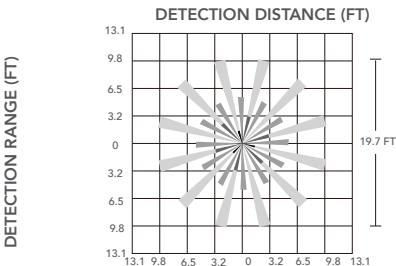


DETECTION PATTERN / -OCCBT

CEILING MOUNTING



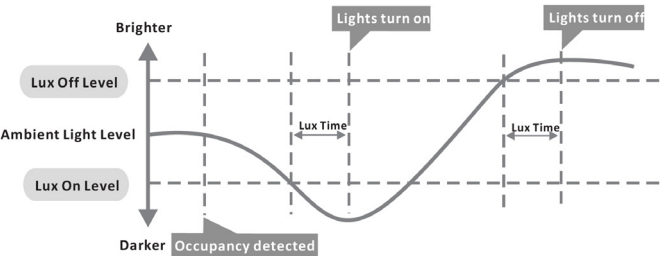
WALL MOUNTING

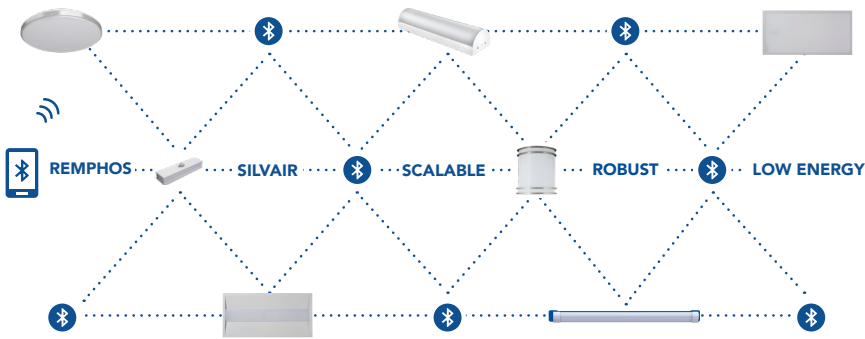


DAYLIGHT HARVESTING / -OCCBT

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).

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





WHAT IS SILVAIR?

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

HOW DOES IT CONNECT?

Silvoir can be set up in advance through the cloud and the Silvoir 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.silvoir.com

