RemPhos

TAA FIXTURES (TV/TF)

PART # _____

JOB NAME _____

TYPE _____

With its sleek design and easy installation, this fixture is packed with features to suit almost any space. Available in three standard sizes, it offers versatility without compromising on performance.

- New slim design makes it easier to replace a wide range of existing fixtures.
- Constant current driver is flicker free in accordance with IEEE-PAR1789, conforms to GSA P100.
- Emergency battery backup option available.
- Choose from a volumetric or a flat panel design.
- Field installable **SIMPLE** & **NETWORK LIGHTING CONTROLS** options. It is as easy as plugging in a headphone jack! (see pg. 2 for more details.)

SUPERFLEX SWITCH BETWEEN 3 WATTAGES & 3 CCTS

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

TAA

(5) YEAR WARRANTY	120-277V	0-10V DIMMING	80+ CRI	EMG OPTIONAL EMG BATTERY BACKUP	110° BEAM ANGLE	0°F TO 114°F OPERATING TEMP	2.5kA SURGE PROTECTION

L70 50,000hrs RATED LIFE

PART #	UPC	DESCRIPTION	LUMENS	WATTAGE	CCT
RP-TV-G1-1X4-35W-40K-WC-TAA	19781001636	1 FT X 4 FT VOLUMETRIC FIXTURE	2200/3300/**4400**	18/26/**35**	3500K/**4000K**/5000K
RP-TV-G1-2X2-35W-40K-WC-TAA	19781001631	2 FT X 2 FT VOLUMETRIC FIXTURE			
RP-TV-G1-2X4-44W-40K-WC-TAA	19781001630	2 FT X 4 FT VOLUMETRIC FIXTURE	3300/4400/**5500**	26/35/**44**	
RP-TF-G1-1X4-40W-40K-WC-TAA	844006009847	1 FT X 4 FT FLAT PANEL FIXTURE	2600/3900/**5200**	20/30/**40**	
RP-TF-G1-2X2-40W-40K-WC-TAA	844006009793	2 FT X 2 FT FLAT PANEL FIXTURE			
RP-TF-G1-2X4-50W-40K-WC-TAA	844006009786	2 FT X 4 FT FLAT PANEL FIXTURE	3900/5200/**6500**	30/40/**50**	

DEFAULT LUMENS, WATTAGE AND CCT ARE SHOWN IN BOLD.

c(UL)us LISTED   DLC LISTED

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TV PART NUMBER BUILDER

MFR	PRODUCT	GEN	SIZE (FT.)	DEFAULT WATTAGE	DEFAULT CCT	FUNCTION	OPTIONS	LISTING	EMG
RP	TV	G1				WC			EMG1
			1X4	35W	40K	WC = WATTAGE + COLOR SELECTABLE	OCC = PIR OCCUPANCY SENSOR	TAA = TRADE ACT AGREEMENT COMPLIANT	EMG1 = 4W, 500 LUMENS, 90 MIN EMERGENCY BATTERY BACKUP
			2X2				OCCBT = LOW ENERGY NETWORK (PIR OCCUPANCY SENSOR) ✲		
			2X4	44W					

EXAMPLE PART NUMBER RP-TV-G1-1X4-35W-40K-WC-OCC-TAA-EMG1

TF PART NUMBER BUILDER

MFR	PRODUCT	GEN	SIZE (FT.)	DEFAULT WATTAGE	DEFAULT CCT	FUNCTION	OPTIONS	LISTING	EMG
RP	TF	G1				WC			EMG1
			1X4	40W	40K	WC = WATTAGE + COLOR SELECTABLE	OCC = PIR OCCUPANCY SENSOR	TAA = TRADE ACT AGREEMENT COMPLIANT	EMG1 = 4W, 500 LUMENS, 90 MIN EMERGENCY BATTERY BACKUP
			2X2				OCCBT = LOW ENERGY NETWORK (PIR OCCUPANCY SENSOR) ✲		
			2X4	50W					

EXAMPLE PART NUMBER RP-TF-G1-1X4-40W-40K-WC-OCC-TAA-EMG1

FIELD INSTALLABLE CONTROL OPTIONS

SIMPLE LIGHTING CONTROL	NETWORK LIGHTING CONTROLS

-OCC
PIR OCCUPANCY SENSOR
IR12 REMOTE*

*REMOTE SUBJECT TO CHANGE

-OCCBT
NETWORK LIGHTING CONTROL
PIR OCCUPANCY SENSOR
SILVAIR APP

IR REMOTE SETS SENSOR RANGE ONLY

TV FLEXWATT LUMENS @ 4000K

SIZE	POSITION 1	POSITION 2	POSITION 3
1X4	18W (2200LM)	26W (3300LM)	35W (4400LM)
2X2	18W (2200LM)	26W (3300LM)	35W (4400LM)
2X4	26W (3300LM)	35W (4400LM)	44W (5500LM)

TF FLEXWATT LUMENS @ 4000K

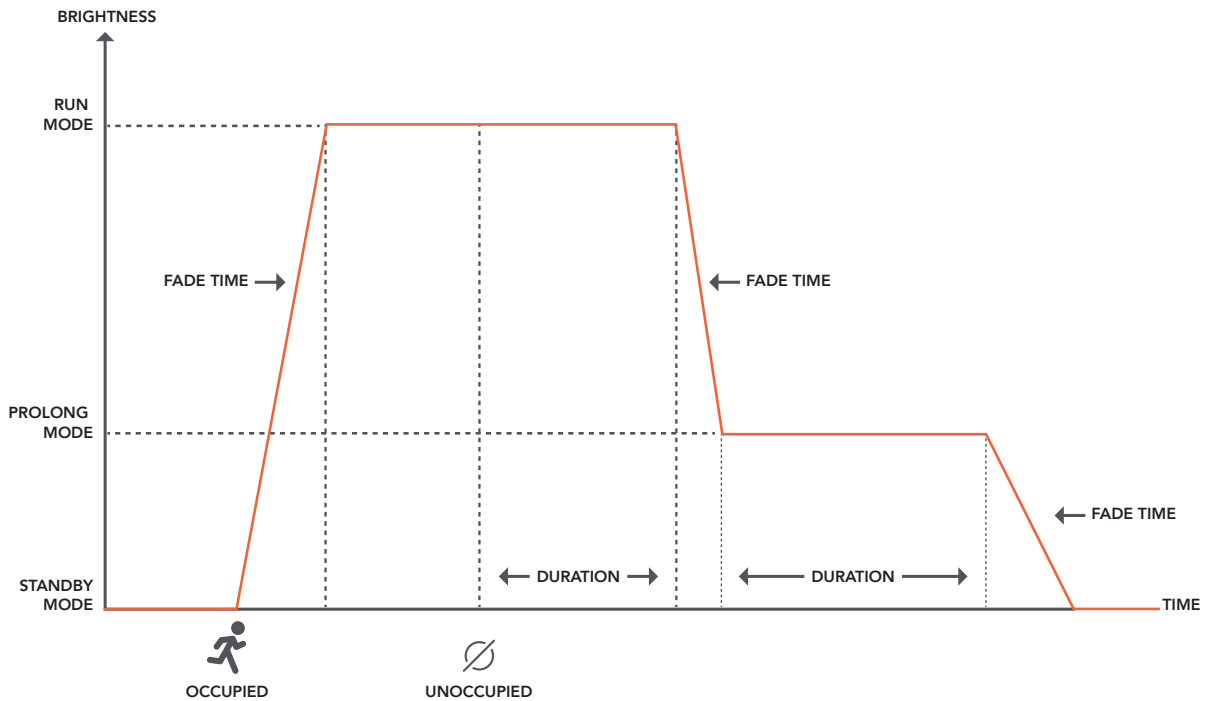| SIZE	POSITION 1	POSITION 2	POSITION 3
1X4	20W (2600LM)	30W (3900LM)	40W (5200LM)
2X2	20W (2600LM)	30W (3900LM)	40W (5200LM)
2X4	30W (3900LM)	40W (5200LM)	50W (6500LM)

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

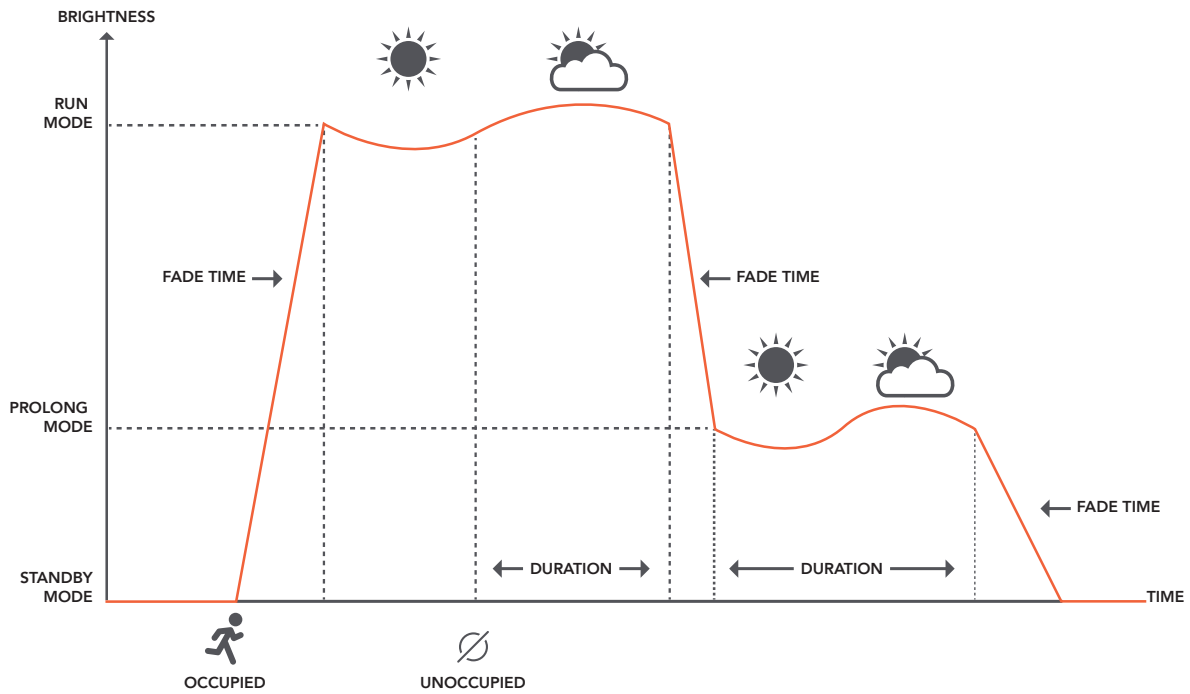## LIGHTING CONTROL SCENARIOS

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.
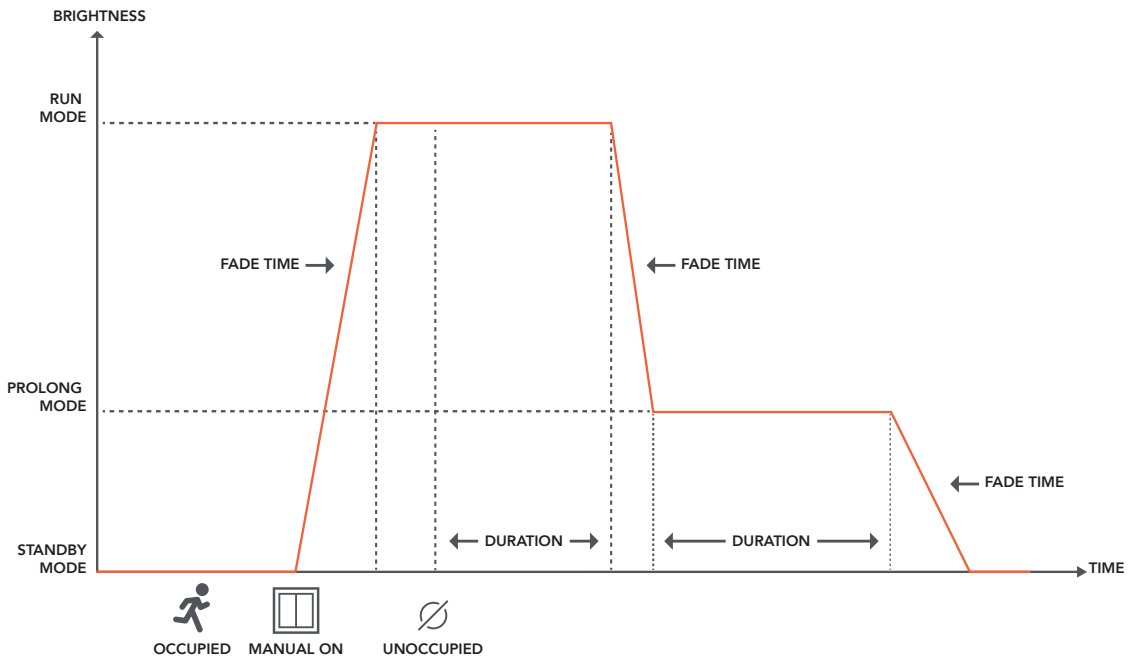
EXAMPLE OCCUPANCY SENARIO

BRIGHTNESS

RUN MODE

FADE TIME →   ← FADE TIME

PROLONG MODE

← FADE TIME

STANDBY MODE   ← DURATION →   ← DURATION →   TIME

OCCUPIED   UNOCCUPIED

EXAMPLE OCCUPANCY SENARIO W/ DAYLIGHT HARVESTING

BRIGHTNESS

RUN MODE

FADE TIME →

← FADE TIME

PROLONG MODE

← DURATION →

← DURATION →

← FADE TIME

STANDBY MODE

TIME

OCCUPIED

UNOCCUPIED

EXAMPLE VACANCY SENARIO

BRIGHTNESS

RUN MODE

FADE TIME →

← FADE TIME

PROLONG MODE

← DURATION →

← DURATION →

← FADE TIME

STANDBY MODE

TIME

OCCUPIED   MANUAL ON   UNOCCUPIED

EXAMPLE OCCUPANCY SENARIO W/ MANUAL OVERRIDE

BRIGHTNESS

RUN
MODE

← FADE TIME   FADE TIME →

PROLONG
MODE

OVERRIDE TIME OUT

STANDBY
MODE

TIME

OCCUPIED   MANUAL ON   UNOCCUPIED
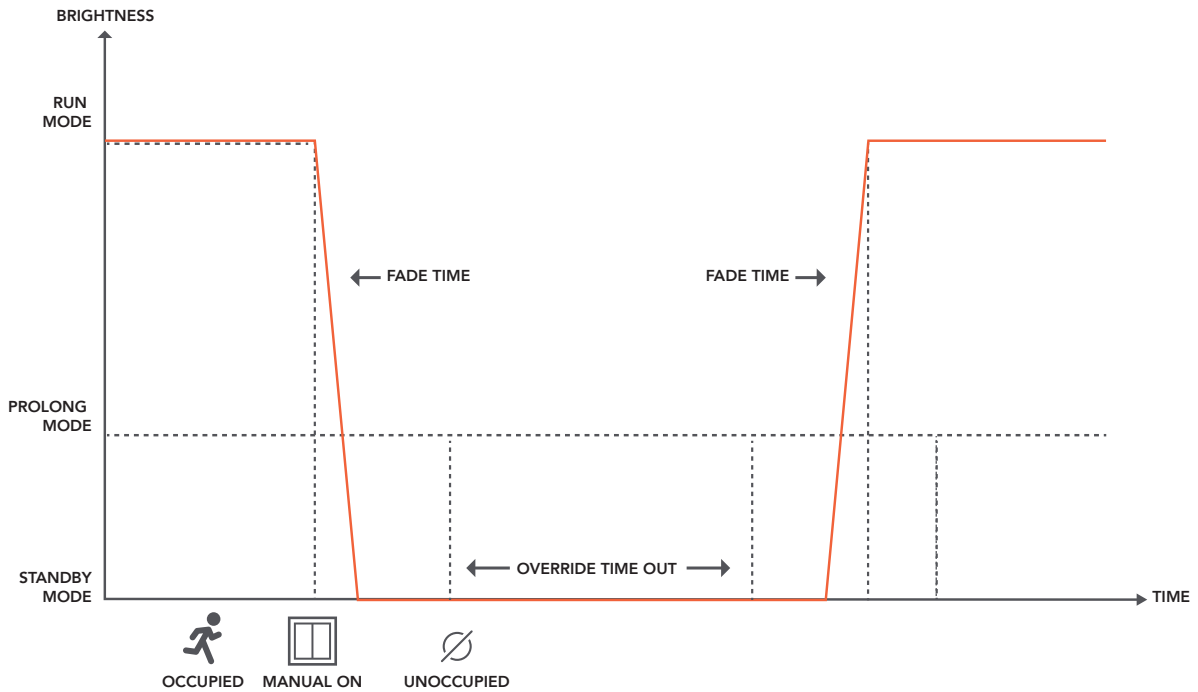
BLUETOOTH CONTROL

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

RemPhos

STANDARD MICROWAVE
MOTION SENSOR / -OCC

ATTRIBUTES
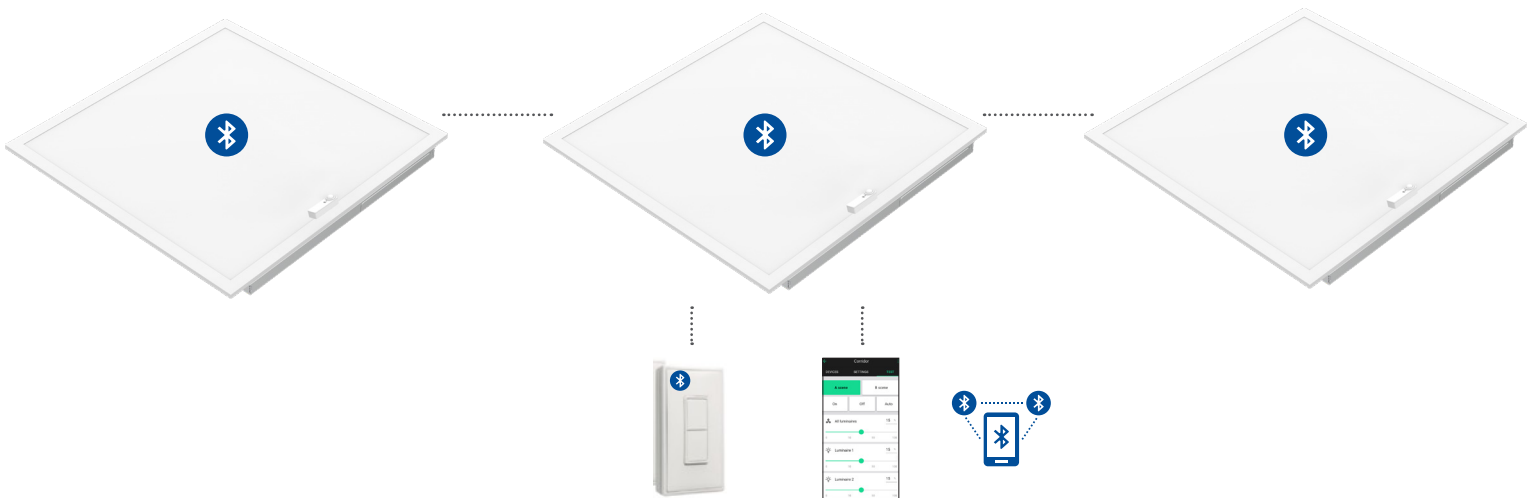
ADDING **-OCC** TO THE FLAT PANEL PART NUMBER UPGRADES THE FIXTURE WITH A FACTORY INSTALLED **SIMPLE CONTROL** UTILIZING A MICROWAVE MOTION SENSOR. IT ALSO COMES EQUIPPED WITH A DAYLIGHT HARVESTING SENSOR TO DIM AND/OR TURN OFF THE FLAT PANEL WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL LIGHT 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)
FLC LISTED	YES

IR12 REMOTE - SUBJECT TO CHANGE

⏻	Permanent ON/OFF Function
Dim	Dim+/-
Auto	Sensor Mode
Reset	Reset Function
Ambient learn	Ambient Learn
Test 3s	Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

DETECTION PATTERN / OCC

CEILING MOUNTING

DETECTION RANGE (FT)

WALL MOUNTING

DETECTION DISTANCE (FT)
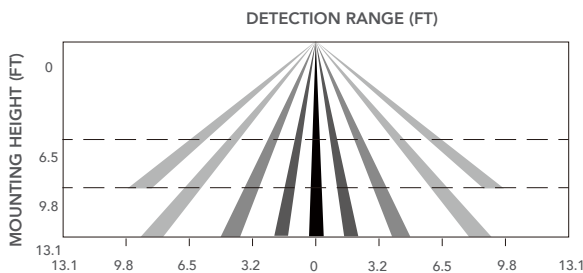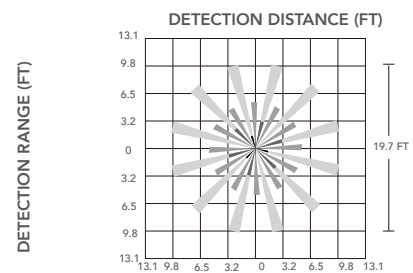
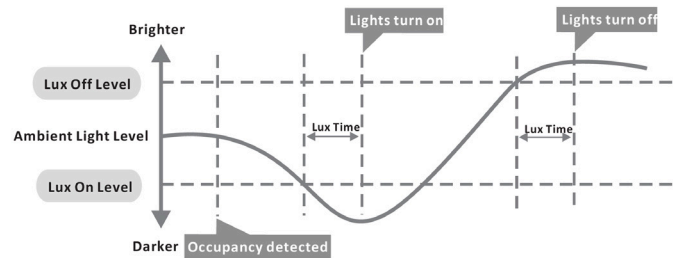## DAYLIGHT HARVESTING / OCC

Sensor detects the difference between natural light and artificial light (lamp) from behind the diffuser, switch on automatically (even without 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 OPPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.

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ADDING **-OCCBT** TO THE FLAT PANEL PART NUMBER UPGRADES THE FIXTURE WITH A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.


DLC LISTED
NLC LISTED

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	IR 12 - SUBJECT TO CHANGE
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

*SEE NEXT PAGE FOR MORE INFORMATION ON SILVAIR APP

IR12 REMOTE - SUBJECT TO CHANGE

Sensitivity
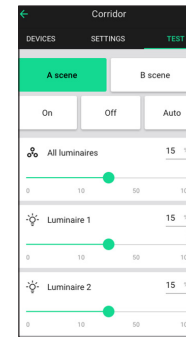
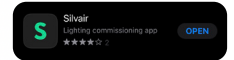| 100% | 75% | 50% | 25% |
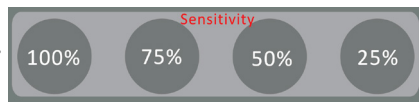
IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

FOR MORE INFO SCAN ABOVE

SILVAIR APP

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

Download on the APP Store

Silvair Lighting commissioning app OPEN

FOR MORE INFO SCAN ABOVE OR SEE NEXT PAGE

DETECTION PATTERN / OCBT

CEILING MOUNTING

DETECTION RANGE (FT)

MOUNTING HEIGHT (FT)

WALL MOUNTING

DETECTION DISTANCE (FT)

DETECTION RANGE (FT)

19.7 FT

DAYLIGHT HARVESTING / OCC

Brighter

Lights turn on

Lights turn off

Lux Off Level

Ambient Light Level

Lux Time

Lux Time

Lux On Level

Darker

Occupancy detected

RemPhos
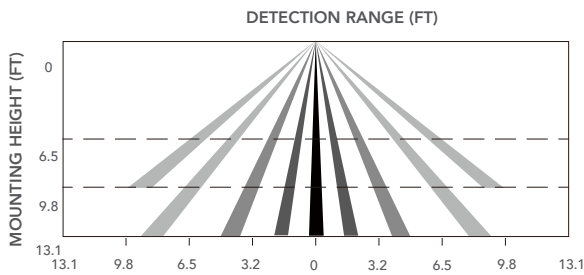
SILVAIR APP + COMMISSIONING OVERVIEW
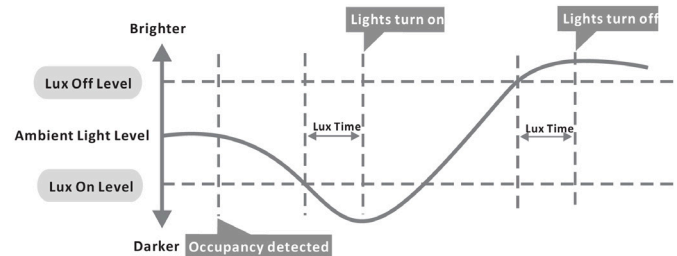
WHAT IS SILVAIR?

Silvair is a software and commissioning app that connects and controls lighting fixtures using Bluetooth mesh technology.
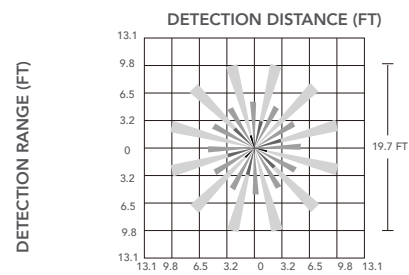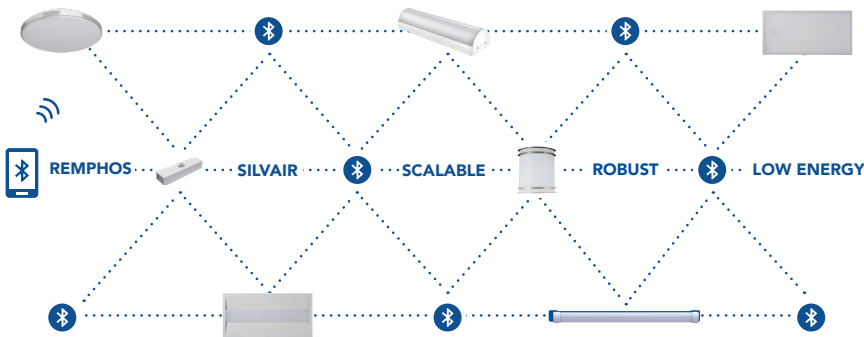
HOW DOES IT CONNECT?

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

DOWNLOAD SILVAIR APPS

Download on the **APP Store**

S Silvair
Lighting commissioning app   OPEN
★★★★☆ 2

MOBILE APP Apple App Store
or
WEB APP platform.silvair.com

SILVAIR

Advanced lighting control has never been *easier*

QUALIFIED BLUETOOTH® MESH

Choose from a library of **ready-to-use profiles**

Customize settings to meet your lighting needs

Energy-efficient control strategies at your fingertips

Support for self-powered **EnOcean switches**

Add devices to zones with **a single tap**

Work on actual **floor plans**

No lighting control **expertise required!**

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