RemPhos

FLAT PANEL FIXTURE

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 options available.
- 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	DLC CODES
RP-TF-G1-1X4-40W-40K-WC-TAA	844006009847	1 FT X 4 FT FLAT PANEL FIXTURE	2600/3900/**5200**	20/30/**40**	3500K/**4000K**/5000K	S-WQ239X
RP-TF-G1-2X2-40W-40K-WC-TAA	844006009793	2 FT X 2 FT FLAT PANEL FIXTURE				S-G5ZQY8
RP-TF-G1-2X4-50W-40K-WC-TAA	844006009786	2 FT X 4 FT FLAT PANEL FIXTURE	3900/5200/**6500**	30/40/**50**		S-N155V0

DEFAULT LUMENS, WATTAGE AND CCT ARE SHOWN IN BOLD.

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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) ᛒ		
			2X4	50W					

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

FIELD INSTALLABLE CONTROL OPTIONS

SIMPLE LIGHTING CONTROL	NETWORK LIGHTING CONTROL
-OCC	**-OCCBT**

STANDARD

PIR OCCUPANCY SENSOR
IR12 REMOTE*

*REMOTE SUBJECT TO CHANGE

NETWORK LIGHTING CONTROL PIR OCCUPANCY SENSOR
SILVAIR APP

IR REMOTE SETS SENSOR RANGE ONLY

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
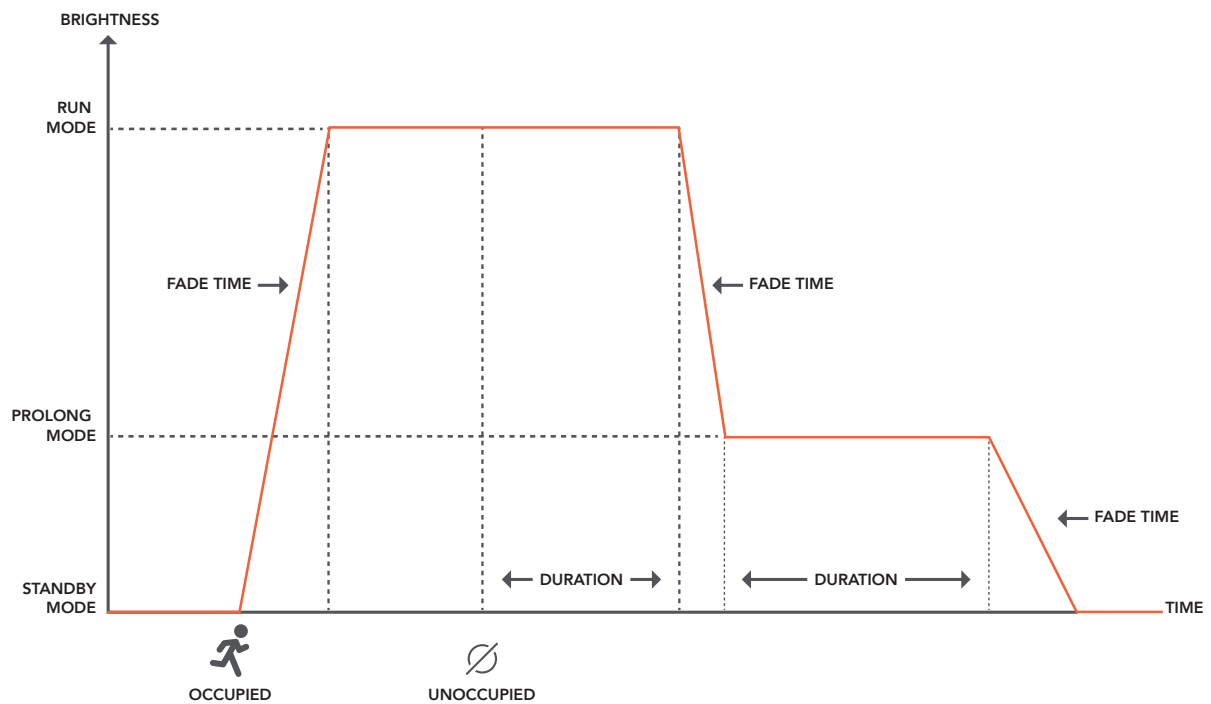
Light Efficient Design
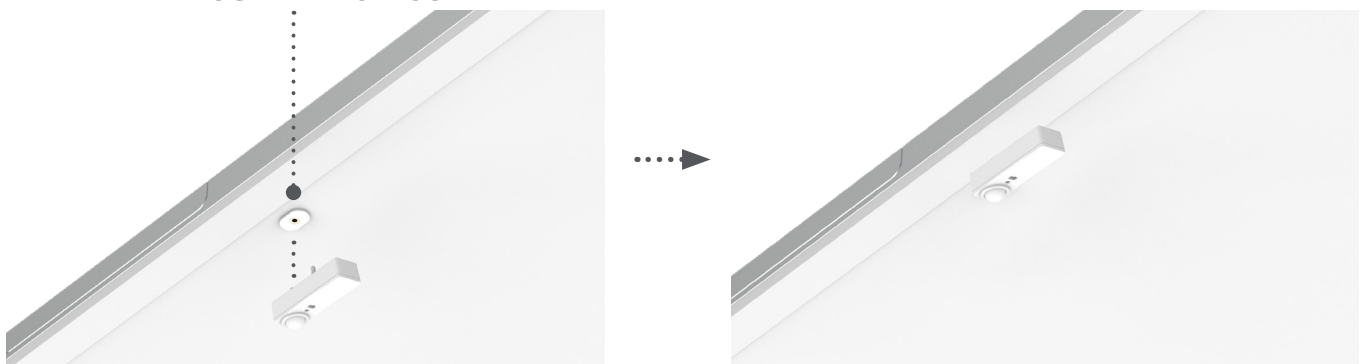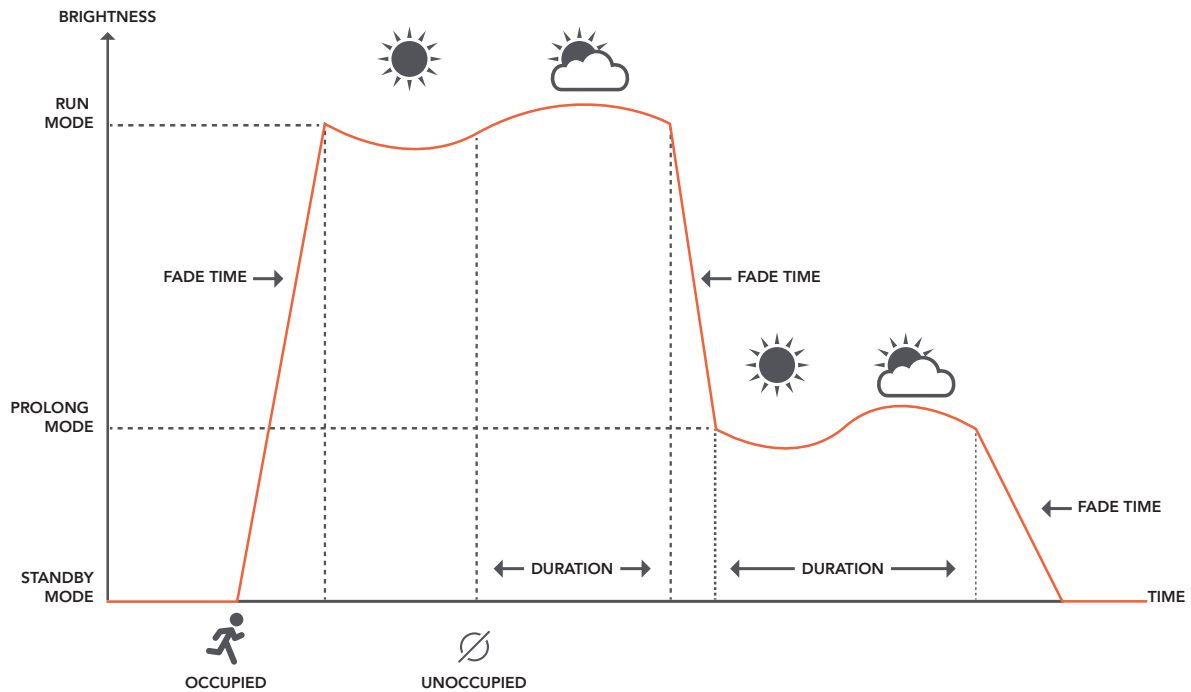
LIGHTING CONTROL SCENARIOS

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
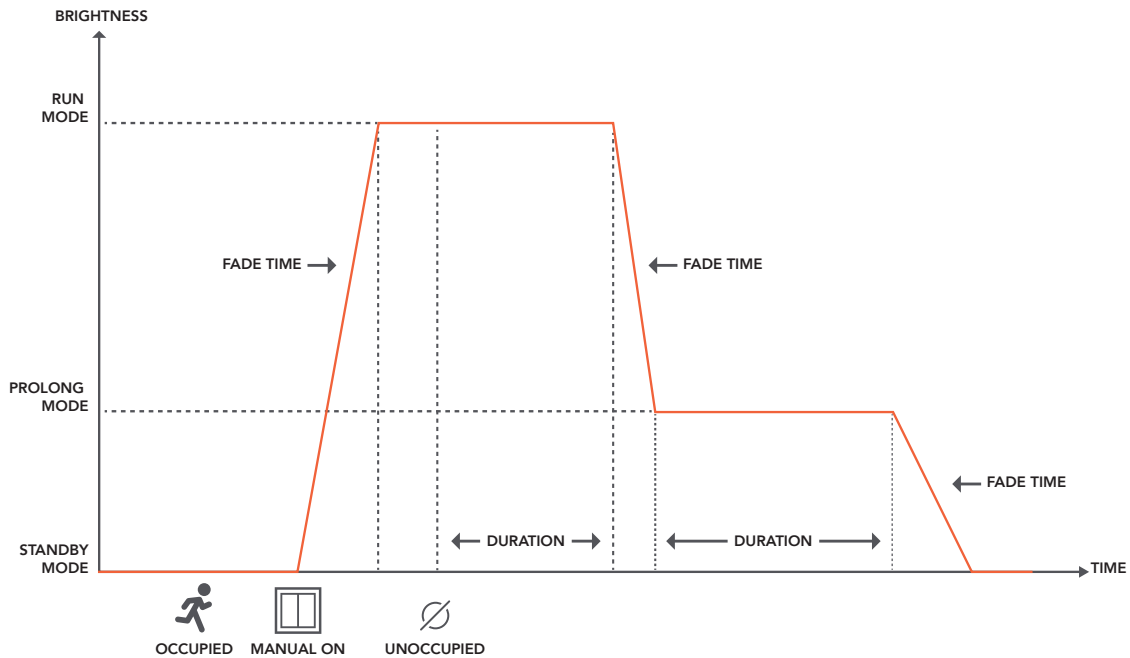

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EXAMPLE OCCUPANCY SENARIO W/ DAYLIGHT HARVESTING

BRIGHTNESS

RUN MODE

FADE TIME →

← FADE TIME

PROLONG MODE

← FADE TIME

STANDBY MODE

← DURATION →   ← DURATION →

TIME

OCCUPIED   UNOCCUPIED

EXAMPLE VACANCY SENARIO

BRIGHTNESS

RUN MODE

FADE TIME →   ← FADE TIME

PROLONG MODE

← FADE TIME

STANDBY MODE

← DURATION →   ← DURATION →

TIME

OCCUPIED   MANUAL ON   UNOCCUPIED

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EXAMPLE OCCUPANCY SENARIO W/ MANUAL OVERRIDE

BRIGHTNESS

RUN MODE

FADE TIME → ← FADE TIME →

PROLONG MODE

STANDBY MODE

← OVERRIDE TIME OUT →

TIME

OCCUPIED   MANUAL ON   UNOCCUPIED
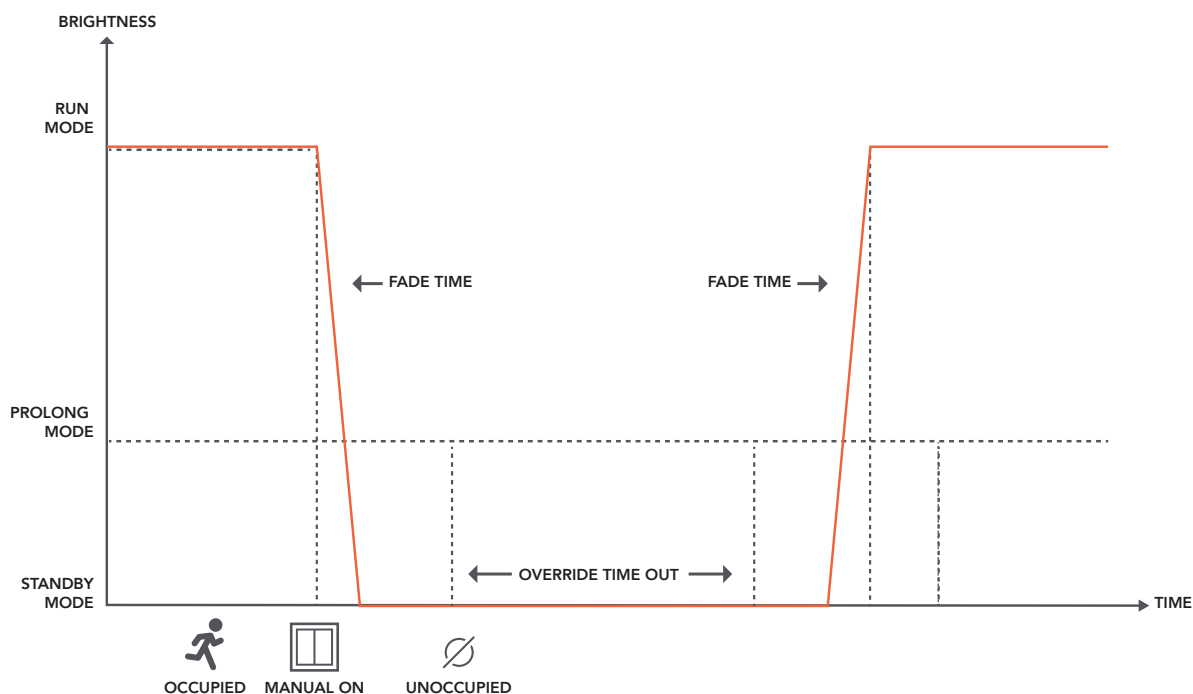
BLUETOOTH CONTROL

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

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RemPhos

STANDARD MICROWAVE MOTION SENSOR
-OCC
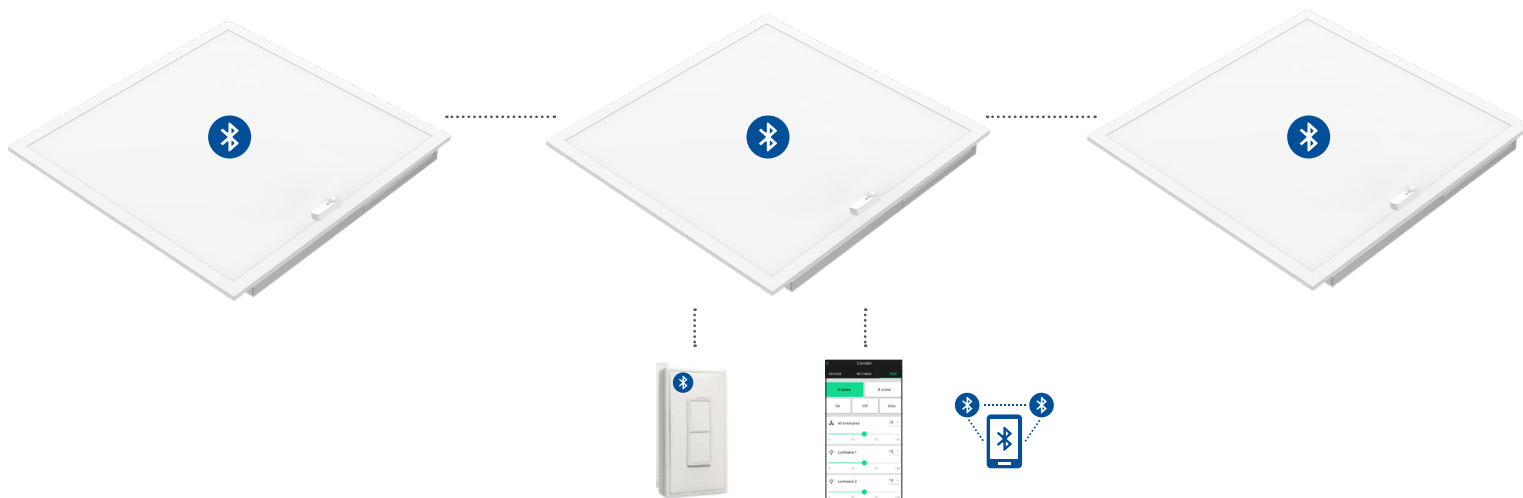
Adding -OCC to the Flat Panel part number upgrades the fixture with a factory installed SIMPLE CONTROL utilizing a microwave motion sensor. It also comes equipped with a daylight harvesting sensor to dim and/or turn off the Flat Panel when the space is unoccupied or surrounding natural light levels are high.

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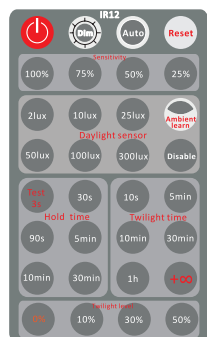
- Permanent ON/OFF Function
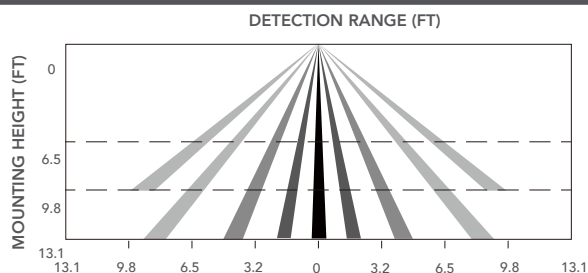- Dim+/-
- Sensor Mode
- Reset Function
- Ambient Learn
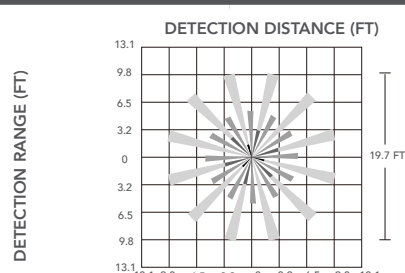- Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

DETECTION PATTERN / OCC

CEILING MOUNTING
DETECTION RANGE (FT)

MOUNTING HEIGHT (FT): 0, 6.5, 9.8, 13.1
13.1 9.8 6.5 3.2 0 3.2 6.5 9.8 13.1

WALL MOUNTING
DETECTION DISTANCE (FT)

DETECTION RANGE (FT): 13.1, 9.8, 6.5, 3.2, 0, 3.2, 6.5, 9.8, 13.1
13.1 9.8 6.5 3.2 0 3.2 6.5 9.8 13.1
19.7 FT

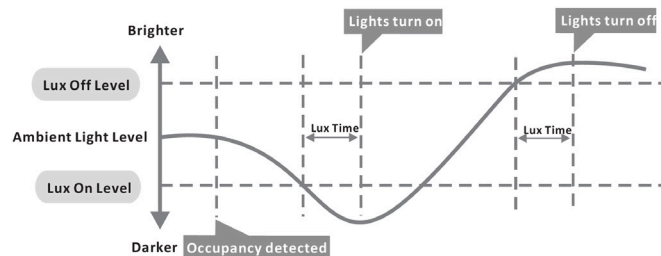## DAYLIGHT HARVESTING / OCC

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).

Brighter
Lights turn on
Lights turn off
Lux Off Level
Ambient Light Level
Lux Time
Lux Time
Lux On Level
Darker
Occupancy detected

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

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.

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	IR12 - 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

DLC LISTED — NLC LISTED

*SEE NEXT PAGE FOR MORE INFORMATION ON SILVAIR APP

IR12 REMOTE - SUBJECT TO CHANGE
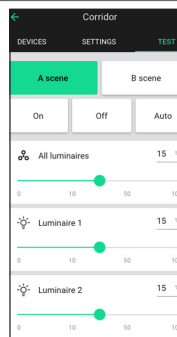

Sensitivity: 100% | 75% | 50% | 25%
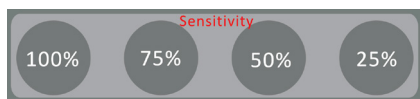
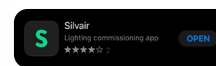IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

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 PG. 10

DETECTION PATTERN / OCBT

CEILING MOUNTING	WALL MOUNTING

CEILING MOUNTING
DETECTION RANGE (FT)

MOUNTING HEIGHT (FT)

WALL MOUNTING
DETECTION DISTANCE (FT)

DETECTION RANGE (FT) — 19.7 FT
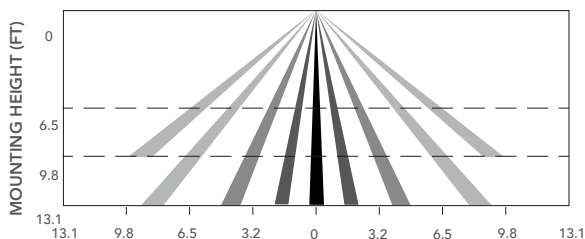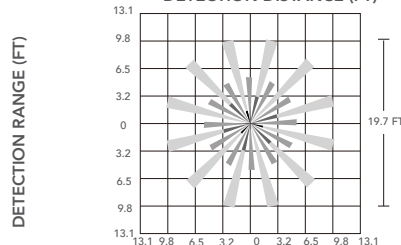
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Brighter — Lights turn on — Lights turn off
Lux Off Level
Ambient Light Level — Lux Time — Lux Time
Lux On Level
Darker — Occupancy detected

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

RemPhos
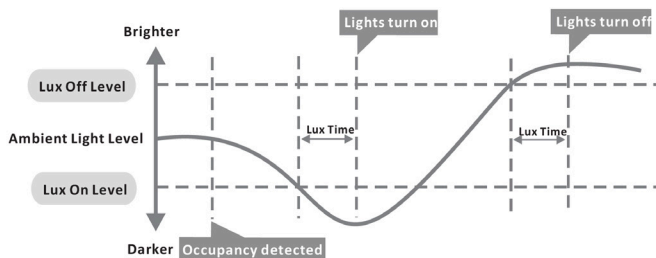
SILVAIR APP

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 their portal. It can also be commissioned in the field with the IOS app.

DOWNLOAD SILVAIR APPS

MOBILE APP: Apple App Store

WEB APP: platform.silvair.com

Download on the APP Store

Silvair
Lighting commissioning app
★★★★☆ 2
OPEN

SILVAIR

Advanced lighting control has never been *easier*

QUALIFIED BLUETOOTH® MESH

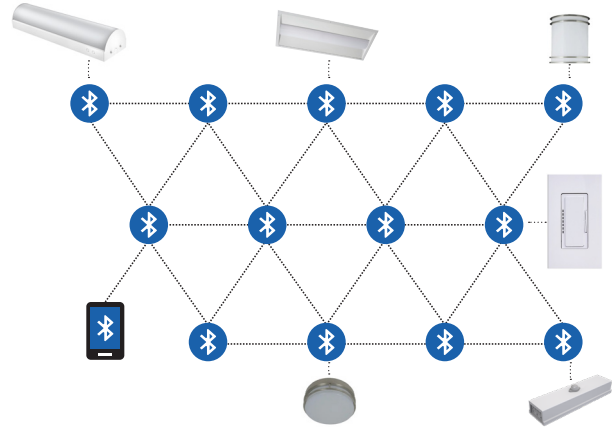---

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

New zone — SAVE

P1. Storage room
Manual control

P2. Restroom
Occupancy sensing

P3. Warehouse
Occupancy sensing

P4. Egress corridor
Occupancy sensing

P5. Conference room
Vacancy sensing with daylight harvesting

P6. Laboratory
Occupancy sensing with daylight harvesting

P7. Open office
Occupancy sensing with daylight harvesting

P8. Outdoor
Multiple scenes

P9. Lobby
Multiple scenes

Customize settings to meet your lighting needs

P5 - Conference Room

Scenario
Occupancy sensing

Occupied
Timeout
10   min

Light level

Fade time
1   sec

Prolonged
Timeout
0   min

Light level

Energy-efficient control strategies at your fingertips

Calibration

Light sensor
Light level

Measured light level
20   LX

CALIBRATE

Daylight controller
SLOW   FAST

CALIBRATE

Calibration test   RUN TEST

Support for self-powered **EnOcean switches**

Conference room
DEVICES   SETTINGS   TEST

Device A3F0
Proxy
Relay
EnOcean
REMOVE

Monitoring   Diagnostic

Device C5C7
PROXY

Device DF41
RELAY

Device B2B9

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

Add devices
25% Discovering
Completed 0   Incompleted 0

Device 95D4
Device B45E
Device B009

NEAR   ALL

Work on actual **floor plans**

Area 1

Zone 1
Zone 2
Zone 3

3 zones   NEW ZONE

No lighting control expertise required!

Light Efficient Design