



PART #

JOB NAME

TYPE



- High-transmission acrylic plastic lens
- Powered by the LEDSR G2 light engine — easily replaceable & upgradeable
- Suitable for dry and damp locations
- Optional emergency battery backup
- Available standard (control-ready) or w/ **SIMPLE** or **NETWORK LIGHTING CONTROLS** (see pg. 2 & 7-12)

POWERED
BY THE LEDSR

SCAN FOR THE
LEDSR SPEC SHEET



SUPERFLEX SWITCH BETWEEN
4 WATTAGES & 3 CCTS



SENSOR READY

12V
AUX OUTPUT

OPTIONAL NETWORK
LIGHTING CONTROL

OPTIONAL SIMPLE OCC

OPTIONAL EMG
BATTERY BACKUP

BEAM ANGLE

CRI

OPERATING TEMP

100,000hrs
RATED LIFE

PART #	UPC	WATTAGE	LUMENS	LPW	CCT
RP-SCD-11N-8L-40K-WC-G2	844006022525	FLEXWATT 6W/10W/12W/15W	816	130-150	FLEXCOLOR 3000K/3500K/4000K

DEFAULT WATTAGE AND CCT ARE SHOWN IN BOLD.



HEADQUARTERS & TRAINING CENTER • Cary, IL | INNOVATION & MANUFACTURING CENTER • Middleton, MA

847.380.3540 • led-llc.com • sales@led-llc.com

02.14.25 Information is subject to change without notice.

Light Efficient Design



PART NUMBER BUILDER

MFR	PRODUCT	SIZE	LUMENS	CCT	FUNCTION	GENERATION	CONTROLS	EMG	AA
RPT				8XX	WC	G2		EMG	
	SCD	11N = 11IN	8L,14L, 17L,21L	8=85 CRI XX=CCT 30=3000K 35=3500K 40=4000K	WC = FLEXWATT + FLEX COLOR		-OC1 -OCLR -OCBT -BT -BTX	4W - 500 LUMENS @ 90 MIN - SHIPS SEPARATELY	-AA = AARA SECTION 1605 BLANK = STANDARD

ORDERING EXAMPLE: RP-SCD-11N-8L-40K-WC-G2-OC1

DEFAULT LUMEN PACKAGE (WATTAGE AND CCT) ARE SHOWN BELOW IN BOLD. There are two ways to achieve a non-default lumen package and/or CCT -

1. You can easily adjust in the field via our FlexWATT and FlexCOLOR internal switches. 2. Have us adjust the FlexWATT and FlexCOLOR at the factory for an additional charge.



EMERGENCY BATTERY BACKUP OPTIONS CAN ALSO BE ORDERED SEPARATELY. SEE PAGES 5 & 6 FOR MORE INFORMATION. OR SCAN QR CODE FOR FULL FULHAM EMG SPEC SHEET.

CONTROL OPTIONS

SIMPLE LIGHTING CONTROLS



-OC1

MICROWAVE AND
DAYLIGHT HARVESTING
OCCUPANCY SENSOR
IR12 REMOTE



-OCLR

LIMITED-RANGE MICROWAVE
AND DAYLIGHT HARVESTING
OCCUPANCY SENSOR
IR12 REMOTE

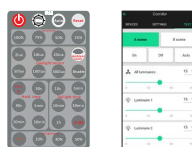


NETWORK LIGHTING CONTROLS



-OCBT

SILVAIR-READY BLUETOOTH
MICROWAVE AND DAYLIGHT
HARVESTING OCCUPANCY SENSOR
IR12 REMOTE & SILVAIR APP



IR REMOTE SETS
SENSOR RANGE ONLY

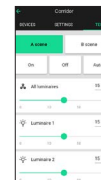
-BT

SILVAIR-READY
BLUETOOTH
CONTROL NODE
SILVAIR APP



-BTX

SILVAIR-READY BLUETOOTH
CONTROL NODE W/
EXTERNAL ANTENNA
SILVAIR APP

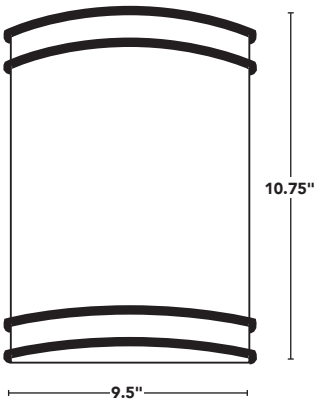


Light Efficient Design/RemPhos has partnered with Silvaire to offer fixtures and retrofits w/ a wireless Bluetooth-mesh eco-system. Silvaire is listed on the DLC NLC QPL certified to Technical Requirements Version 5.1. Our Silvaire controls meet all eligibility criteria of integral, fixture-mounted, addressable sensors with motion and photocell/ambient light-sensing capabilities, along with embedded programming that can be configured and networked. System can control motion response, illumination levels, and scheduling.



CCT SELECTION

LUMEN SELECTION	830	835	840
8L	780LM, 6W	780LM, 6W	816LM, 6W
14L	1370LM, 10W	1440LM, 10W	1370LM, 10W
17L	1692LM, 12W	1680LM, 12W	1764LM, 12W
21L	2025LM, 15W	2100LM, 15W	2130LM, 15W



PART #	UPC	WATAGE	LUMENS	LPW	CCT	ENERGY STAR	QUICK SHIP
RP-SCD-11N-8L-40K-WC-G2	844006022525	FLEXWATT	816	130-142	FLEXCOLOR 3000K/3500K/ 4000K	✓	✓
RP-SCD-11N-8L-40K-WC-G2-OC1	844006027193	6W /10W/12W/15W					✓

DEFAULT WATTAGE AND CCT ARE SHOWN IN BOLD.



FLEXWATT™ TECHNOLOGY

HOW DOES IT WORK?

- Our exclusive LED driver is designed to operate at 90%+ efficiency at each wattage setting. Standard drivers would have much lower efficiency (as low as 60%) and would result in poor performance and reduced efficacy.

WHAT ARE THE WATTAGE CHOICES?

- Please reference this table and the ordering guide on the last page of the cut sheet.

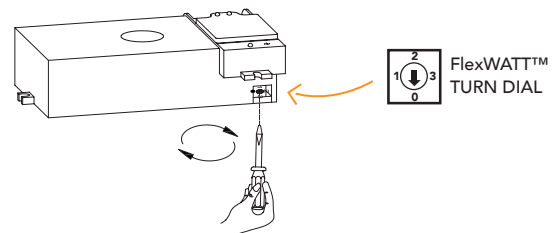


FLEXWATT TURN DIAL POSITION

STYLE	0	1	2	3
LED CR	6W (8L)	10W (14L)	12W (17L)	15W (21L)

HOW EASY IS IT TO SET?

- Simply slide off the driver door, adjust the 4-position turn dial with a small, flat-head screw driver, and replace the door. Quick and easy.
- Can be "locked-out" to prevent field-adjustability if desired.



FLEXCOLOR™ TECHNOLOGY

HOW DOES IT WORK?

- We select the highest efficacy, multi-color LED diodes from quality suppliers and mount them on the same circuit board.
- A proprietary LED binning process ensures color consistency between fixtures, while the FlexColor technology controller ensures the correct color is selected, every time.

WHAT ARE THE COLOR CHOICES?

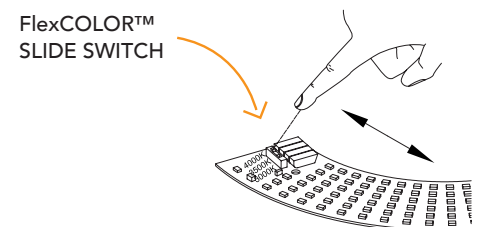
- 3000K, 3500K, and 4000K. Please reference this table and the ordering guide on the last page of the cut sheet.



3000K	3000°K WARM - TOP
3500K	3500°K NEUTRAL - MIDDLE
4000K	4000°K NEUTRAL - BOTTOM

HOW EASY IS IT TO SET?

- Adjust the 3-position slide switch with your fingers. Quick and easy.
- Can be "locked-out" to prevent field-adjustability if desired.





Turns on when power goes off



90 MIN RUN TIME

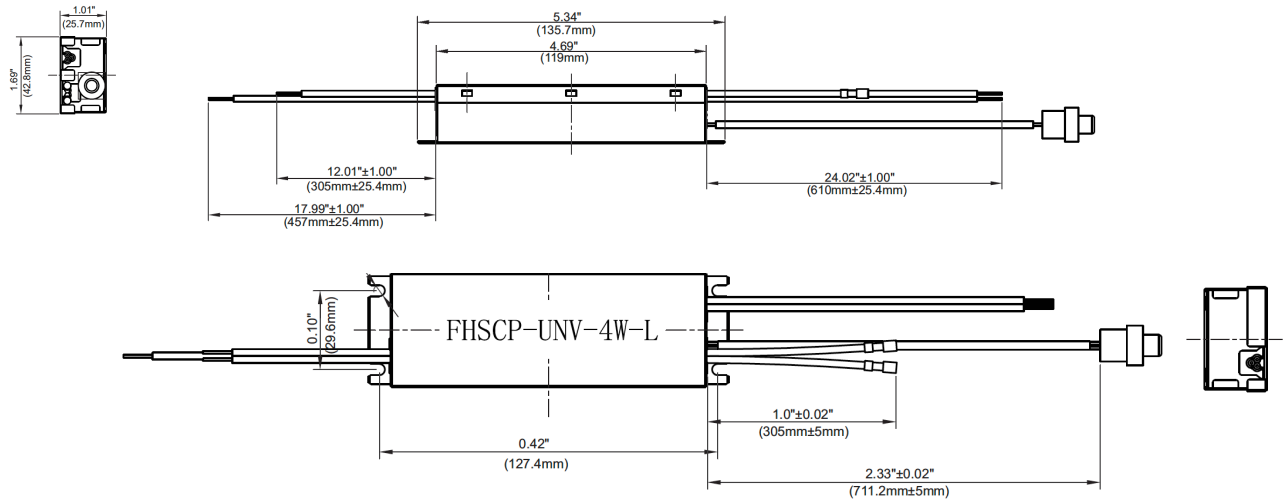


41°F TO 131°F
OPERATING TEMP

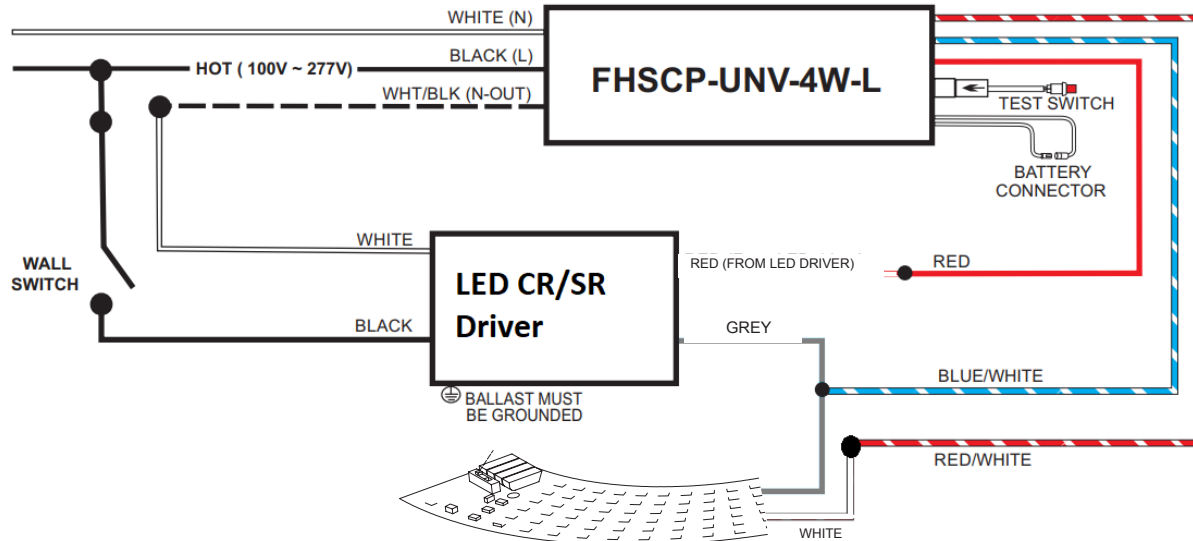


OPTIONAL EMG
BATTERY BACKUP

EMG DRIVER DIMENSIONS



EMG WIRING DIAGRAM





PRODUCT SPEC	INFORMATION
INPUT VOLTAGE / FREQUENCY	120-277V~ , 50/60Hz
INPUT CURRENT	100mA Max
INPUT POWER	3W
STANDBY POWER	<0.85W
DRIVER TYPE	Constant Power
CURRENT RATED	333mA@12V, 73mA@55V
OUTPUT VOLTAGE RANGE	12-55V
OUTPUT POWER	4W
OUTPUT CLASS	LED Class 2
NUMBER OF OUTPUT CHANNELS	1
TEST SWITCH	Included
PILOT LIGHT	Red Light
BATTERY ON/OFF	Wire + Connector
LOCATION TYPE	Dry Location
INPUT SURGE PROTECTION	Line-Neutral 1kV, Line & Neutral-Ground 2kV
EMERGENCY MODE PROTECTIONS	Battery Over Voltage Protection
RFI/EMI	FCC Part 15 Class A
AMBIENT OPERATING TEMPERATURE RANGE	5°C To 55°C (41°F To 131°F)
BATTERY TYPE	LiFePO4
BATTERY VOLTAGE	6.4V
BATTERY CAPACITY	2Ah Max
BATTERY CHARGE CURRENT	165mA
BATTERY RECHARGE TIME	12 Hours
BATTERY DISCHARGE TIME	Minimum 90 Minutes
SERVICE LIFE	50,000 Hours
WARRANTY	5 Years



MICROWAVE AND DAYLIGHT HARVESTING OCCUPANCY SENSOR

ADDING **-OC1** TO THE **SCONCE** PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **SIMPLE CONTROL** UTILIZING A MICROWAVE MOTION SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HARVESTING SENSOR TO DIM AND/OR TURN OFF THE **SCONCE** WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL LIGHT LEVELS ARE HIGH.



ATTRIBUTES

DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMISSIONING METHOD	IR REMOTE
REMOTE	IR12
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES
CONTROL CAPACITY	10 FIXTURES

IR12 REMOTE

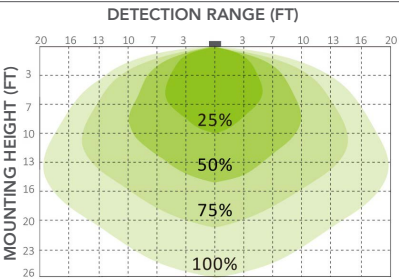
- Permanent ON/OFF Function
- Dim +/-
- Sensor Mode
- Reset Function
- Ambient Learn
- Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

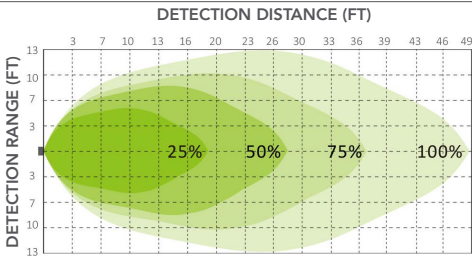


DETECTION PATTERN / -OC1

CEILING MOUNTING



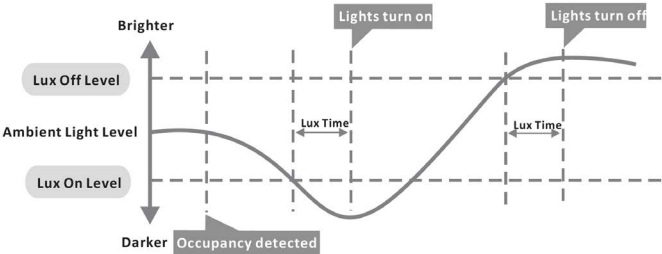
WALL MOUNTING



DAYLIGHT HARVESTING / -OC1

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 STAND-BY IS SET TO + ∞.





LIMITED-RANGE MICROWAVE AND DAYLIGHT HARVESTING OCCUPANCY SENSOR

ADDING **-OCLR** TO THE **SCONCE** PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **SIMPLE CONTROL** UTILIZING A MICROWAVE MOTION SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HARVESTING SENSOR TO DIM AND/OR TURN OFF THE **SCONCE** WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL LIGHT LEVELS ARE HIGH.



ATTRIBUTES

DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMISSIONING METHOD	IR REMOTE
REMOTE	IR12
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	NO
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	NONE
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES
CONTROL CAPACITY	10 FIXTURES

IR12 REMOTE



Permanent ON/OFF Function

Dim +/-

Sensor Mode

Reset Function

Ambient Learn

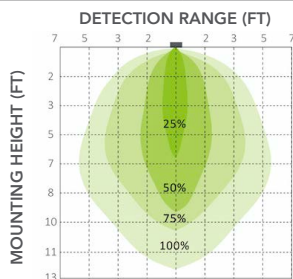
Test Mode

FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW

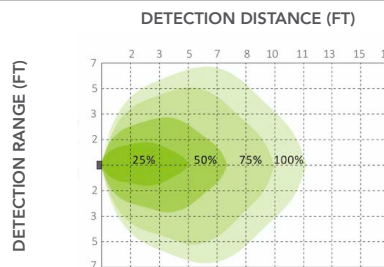


DETECTION PATTERN / RC-OCLR-HNS111LR-A

CEILING MOUNTING



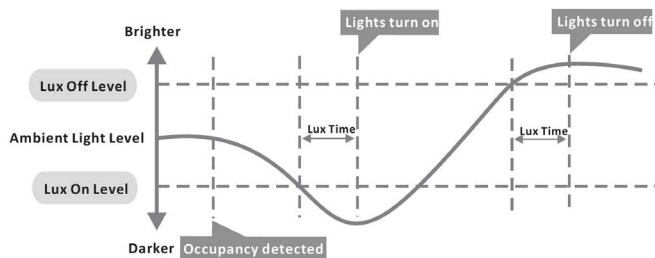
WALL MOUNTING



DAYLIGHT HARVESTING / -OCLR

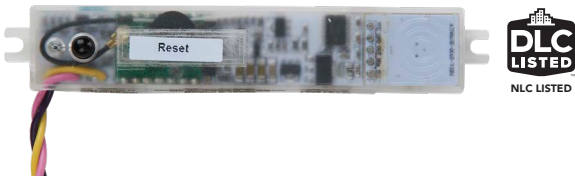
Sensor detects the difference between natural light and artificial light (lamp) from behind the diffuser, switch on automatically (even w/o movements) when the ambient light is below the target value, and switch off automatically whenever the artificial light is not required (ambient light meets target 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 BLUETOOTH MICROWAVE AND DAYLIGHT HARVESTING OCCUPANCY SENSOR

ADDING **-OCBT** TO THE **SCONCE** PART NUMBER UPGRADES THE FIXTURE W/ 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	MICROWAVE
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
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC
CONTROL CAPACITY	10 FIXTURES

IR12 REMOTE

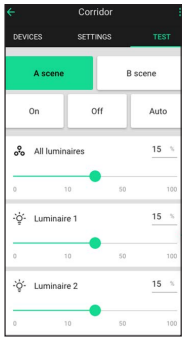
Sensitivity

100% 75% 50% 25%

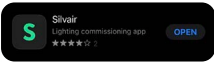
IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

FOR MORE INFO SCAN ABOVE

SILVAIR APP



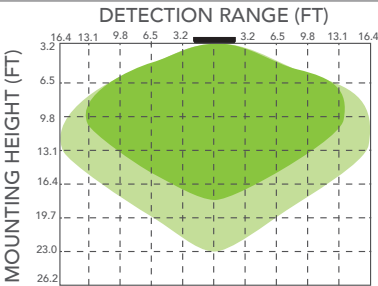
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



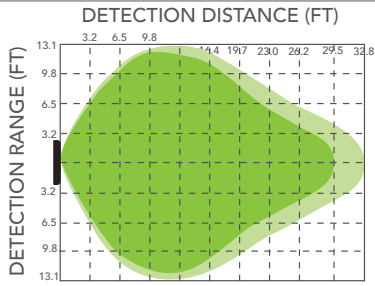
FOR MORE INFO SCAN ABOVE OR SEE PG. 12

DETECTION PATTERN / -OCBT

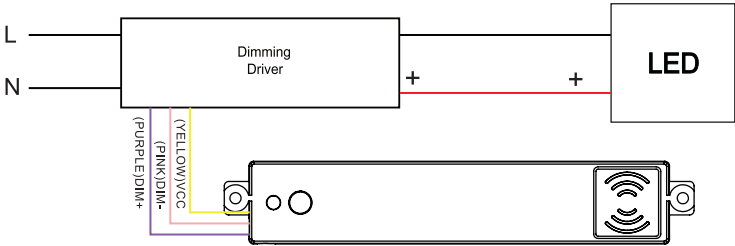
CEILING MOUNTING



WALL MOUNTING



WIRING DIAGRAM / -OCBT



SILVAIR-READY BLUETOOTH CONTROL NODE

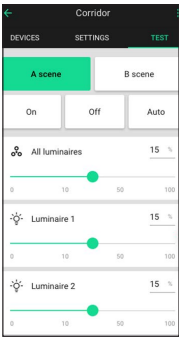
ADDING **-BT** TO THE **SCONCE** PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP USING BLUETOOTH MESH TECHNOLOGIES. CAN BE PAIRED W/ A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES W/ SENSORS TO MAXIMIZE COST SAVINGS.



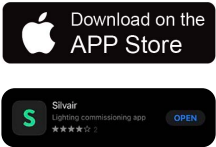
ATTRIBUTES

DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMISSIONING METHOD	NONE
REMOTE	SILVAIR APP
DAYLIGHT HARVESTING	NO
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	NO
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC

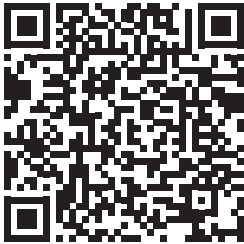
SILVAIR APP



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. 12



SILVAIR-READY BLUETOOTH CONTROL NODE W/ EXTERNAL ANTENNA

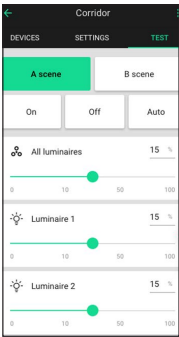
ADDING **-BTX** TO THE **SCONCE** PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP USING BLUETOOTH MESH TECHNOLOGIES. CAN BE PAIRED W/ A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES W/ SENSORS TO MAXIMIZE COST SAVINGS.



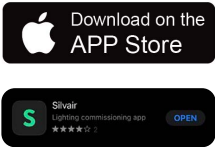
ATTRIBUTES

DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMISSIONING METHOD	NONE
REMOTE	SILVAIR APP
DAYLIGHT HARVESTING	NO
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	NO
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC

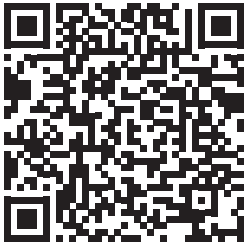
SILVAIR APP



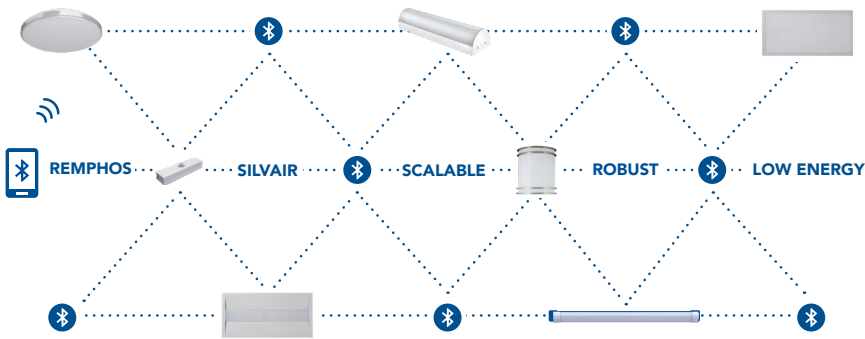
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 12



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

