



PART #

JOB NAME

TYPE



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

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



CRI



BEAM ANGLE



4°F TO 140°F  
OPERATING TEMP



100,000hrs  
RATED LIFE

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





## PART NUMBER BUILDER - SEE PG. 3 FOR ORDERING DIRECTIONS

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



If you require BAA (ARRA Section 1605) add  
-AA at end of part number.

For BAA projects, please contact our projects quotations team.



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

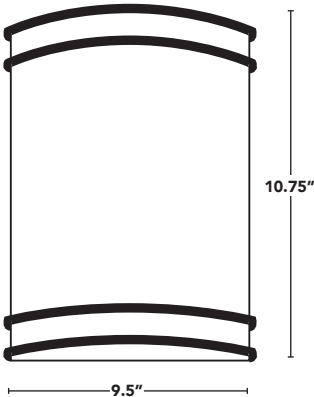
SIMPLE LIGHTING CONTROL		NETWORK LIGHTING CONTROLS		
<b>-OC1</b> MICROWAVE MOTION SENSOR (STANDARD) IR12 REMOTE	<b>-OCLR</b> LIMITED RANGE MICROWAVE MOTION SENSOR (STANDARD) IR12 REMOTE	<b>-OCBT</b> NETWORK LIGHTING CONTROL NODE + MICROWAVE MOTION & DAYLIGHT SENSOR IR12 REMOTE & SILVAIR APP	<b>-BT</b> NETWORK LIGHTING CONTROL NODE SILVAIR APP	<b>-BTX</b> NETWORK LIGHTING CONTROL NODE W/ EXT ANTENNA SILVAIR APP
		 IR REMOTE SETS SENSOR RANGE ONLY		



LIGHT EFFICIENT DESIGN/REMPHOS HAS PARTNERED WITH SILVAIR TO OFFER A WIRELESS BLUETOOTH-MESH ECO-SYSTEM FIXTURE INTEGRAL CONTROL. SILVAIR IS LISTED ON THE DLC NLC QPL CERTIFIED TO TECHNICAL REQUIREMENTS VERSION 5.1. OUR SILVAIR CONTROLS MEET ALL ELIGIBILITY CRITERIA OF INTEGRAL, FIXTURE-MOUNTED, ADDRESSABLE SENSORS WITH MOTION AND PHOTOCCELL/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	FLEXWATTAGE	LUMENS	LPW	FLEXCOLOR	ENERGY STAR	QUICK SHIP
RP-SCD-11N-8L-40K-WC-G2	844006022525	6W/10W/12W/15W	816	130-142	3000K/3500K/4000K	✓	✓
RP-SCD-11N-8L-40K-WC-G2-OC1	844006027193	6W/10W/12W/15W	816	130-142	3000K/3500K/4000K		✓



## 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.

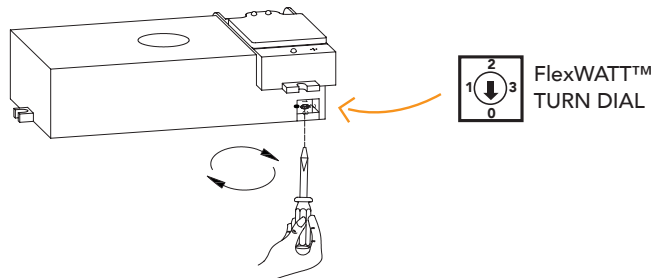
## WHAT ARE THE WATTAGE CHOICES?

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
LEDSR	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.



## HOW DOES IT WORK?

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

## WHAT ARE THE COLOR CHOICES?

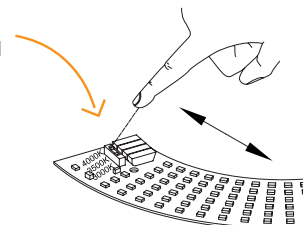
3000k, 3500k and 4000k. Please reference this table and the ordering guide on the last page of the cut sheet.

FLEXCOLOR SLIDE SWITCH POSITION		
TOP	MIDDLE	BOTTOM
3000K	3500K	4000K

## HOW EASY IS IT TO SET?

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

FlexCOLOR™  
SLIDE SWITCH





## URNS ON WHEN POWER GOES OFF



90 MIN RUN TIME

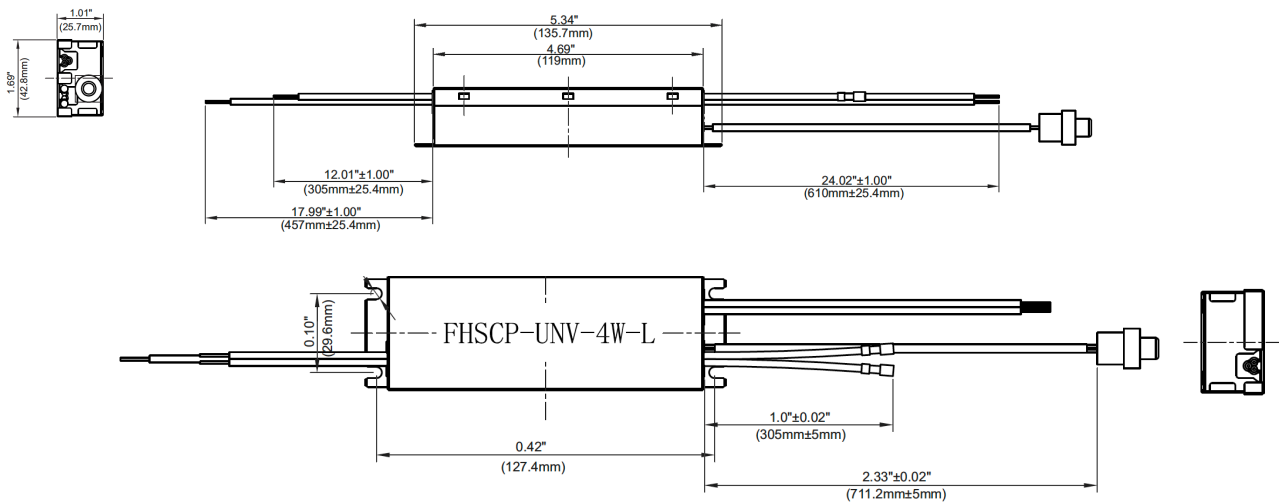


41°F TO 131°F  
OPERATING TEMP

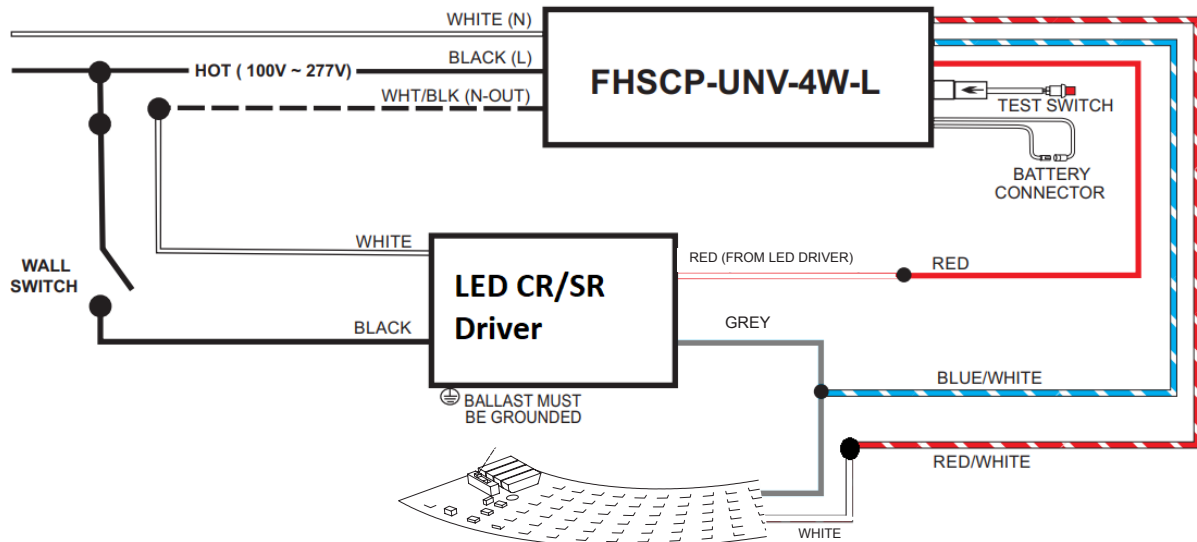


OPTIONAL EMG  
BATTERY BACKUP

### 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 Class2
NUMBER OF OUTPUT CHANNELS	1Channel
TEST SWITCH	Test Switch Included
PILOT LIGHT	Red Light
BATTERY ON/OFF	wire+Connector
DRY LOCATION	Dry Location
INPUT SURGE PROTECTION	Line-Neutral 1kV, Line & Neutral-Ground 2kV
EMERGENCY MODE PROTECTIONS	Battery Over Voltage Protection
RFI/EMI	FCC Part 15 ClassA
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	Min 90 Minutes
SERVICE LIFE	50,000 hours
WARRANTY	5 years



ADDING **-OC1** TO THE **SCONCE** PART NUMBERS 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 **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
COMMISSIONING 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+/-

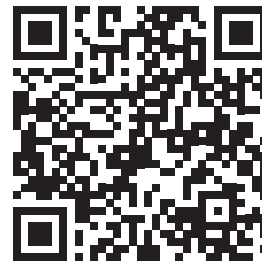
Sensor Mode

Reset Function

Ambient Learn

Test Mode

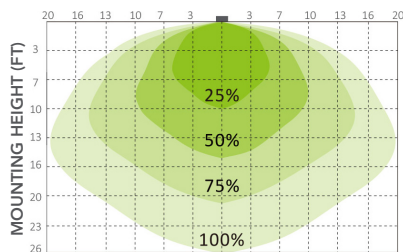
FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW



### DETECTION PATTERN / OC1

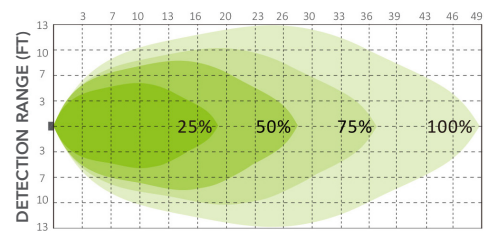
#### CEILING MOUNTING

DETECTION RANGE (FT)



#### WALL MOUNTING

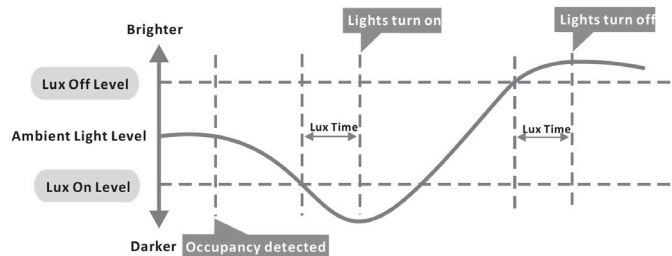
DETECTION DISTANCE (FT)



### 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 OPERATE WITHOUT MOTION WHEN STANDBY IS SET TO + ∞.





ADDING **-OCLR** TO THE **SCONCE** PART NUMBERS 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 **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
COMMISSIONING 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

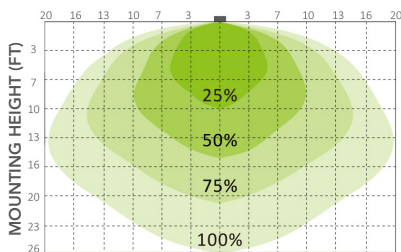
FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW



### DETECTION PATTERN / OCLR

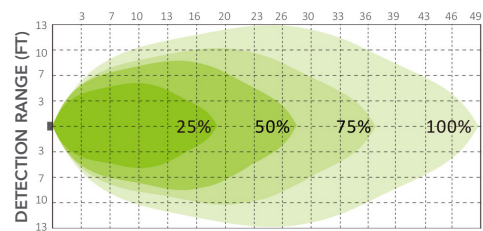
#### CEILING MOUNTING

DETECTION RANGE (FT)



#### WALL MOUNTING

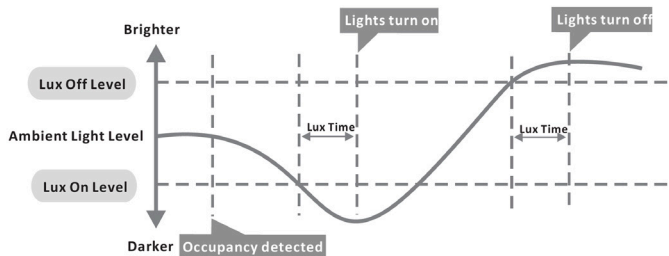
DETECTION DISTANCE (FT)



### 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 OPERATE WITHOUT MOTION WHEN STAND-BY IS SET TO + ∞.







ADDING **-OCBT** TO THE **SCONCE** PART NUMBERS 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

<b>DETECTION TECHNOLOGY</b>	MICROWAVE
<b>DETECTION TYPE</b>	OCCUPANCY / VACANCY
<b>SENSOR POWER</b>	12VDC
<b>GROUPABLE</b>	YES
<b>NETWORK LIGHTING CONTROL</b>	YES
<b>COMMISSIONING METHOD</b>	SILVAIR APP* + IR REMOTE FOR RANGE SETTING
<b>REMOTE</b>	IR 12
<b>DAYLIGHT HARVESTING</b>	YES
<b>HI OR LOW TRIM</b>	YES
<b>BI-LEVEL DIMMING</b>	YES
<b>NETWORK TECHNOLOGY</b>	BLUETOOTH
<b>INSTALLATION TYPE</b>	INTERNAL
<b>DLC LISTED</b>	YES + DLC NLC
<b>CONTROL CAPACITY</b>	10 FIXTURES

\*SEE PAGE 10 FOR MORE INFORMATION ON SILVAIR APP

## IR12 REMOTE

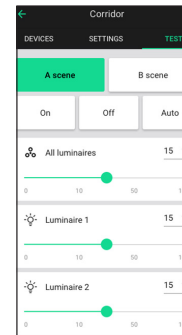


IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

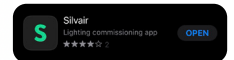


FOR MORE INFO SCAN ABOVE

## SILVAIR APP



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

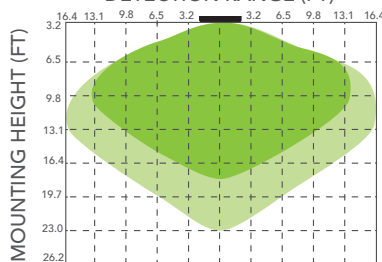


FOR MORE INFO SCAN ABOVE OR SEE PG. 10

## DETECTION PATTERN / OCBT

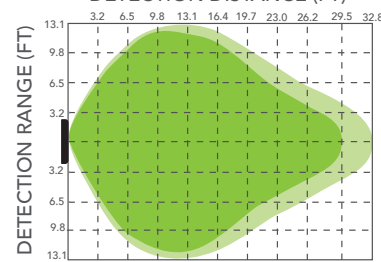
### CEILING MOUNTING

DETECTION RANGE (FT)

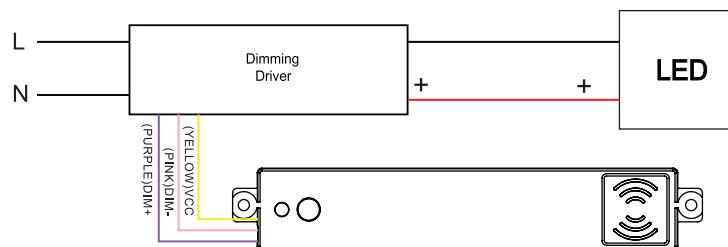


### WALL MOUNTING

DETECTION DISTANCE (FT)



## WIRING DIAGRAM / OCBT





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

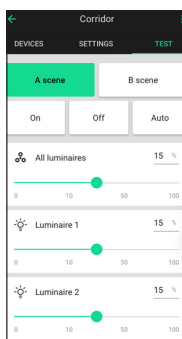


## ATTRIBUTES

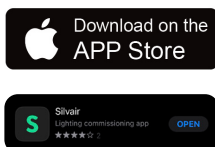
<b>DETECTION TECHNOLOGY</b>	NONE
<b>DETECTION TYPE</b>	NONE
<b>SENSOR POWER</b>	12VDC
<b>GROUPABLE</b>	YES
<b>NETWORK LIGHTING CONTROL</b>	YES
<b>COMMISSIONING METHOD</b>	NONE
<b>REMOTE</b>	SILVAIR APP*
<b>DAYLIGHT HARVESTING</b>	NO
<b>HI OR LOW TRIM</b>	YES
<b>BI-LEVEL DIMMING</b>	NO
<b>NETWORK TECHNOLOGY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

\*SEE PAGE 10 FOR MORE INFORMATION ON SILVAIR APP

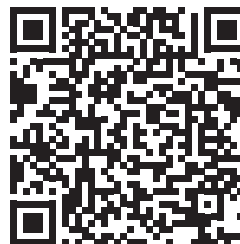
## SILVAIR APP



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. 10





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

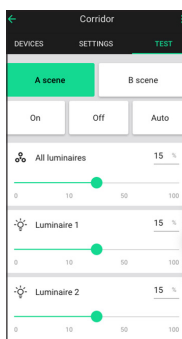


## ATTRIBUTES

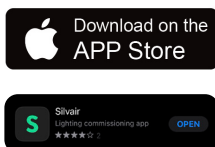
DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMMISSIONING METHOD	NONE
REMOTE	SILVAIR APP*
DAYLIGHT HARVESTING	NO
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	NO
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC

\*SEE PAGE 10 FOR MORE INFORMATION ON SILVAIR APP

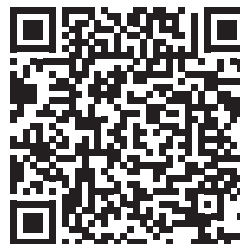
## SILVAIR APP

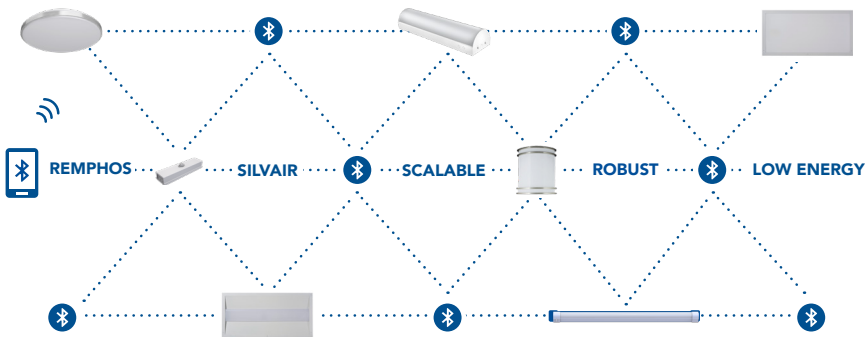


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FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW OR SEE PG. 10





### WHAT IS SILVAIR?

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

### HOW DOES IT CONNECT?

Silvaire can be set up in advance through the cloud and the Silvaire 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.silvaire.com](http://platform.silvaire.com)

