RemPhos

OUTDOOR TOUGH DRUM (DOT)

PART #

JOB NAME / TYPE



IP65

IK08

RP-DOT-BZ

INDOORS OR OUT, OUR NEW OUTDOOR TOUGH DRUM (DOT) IS BUILT TO TAKE ON DEMANDING APPLICATIONS. A strong, rigid lens and thick metal housing provide added durability, while IP65 and IK08 ratings make it suited for wet locations and environments where impact and vandal resistance matter. Powered by the LEDCR G3, fisheye optics deliver expanded coverage and brighter, more uniform light output w/ up to 130 lumens per watt. Available in white and dark bronze housings. Maximize potential energy savings w/ optional SIMPLE & NETWORK LIGHTING CONTROLS.

SUPERFLEX SWITCH BETWEEN 4 WATTAGES & 5 CCTS

7 YEAR WARRANTY

0-10V DIM TO OFF — SENSOR READY

12V AUX OUTPUT

OPTIONAL NETWORK LIGHTING CONTROL

OPTIONAL SIMPLE OCC

OPTIONAL EMG BATTERY BACKUP

130 LPW — EFFICACY (LIGHT ENGINE)

80+ — CRI

120° — BEAM ANGLE

-4°F TO 140°F — OPERATING TEMP

L70 — 100,000hrs RATED LIFE

PART #	DESCRIPTION	VOLTAGE	LUMENS	WATTAGE	CCT	HOUSING COLOR
RP-DOT-14N-22W-40K-WC-G3	14 IN OUTDOOR TOUGH DRUM	120-277V	750-2750	FLEXWATT 6W/10W/16W/**22W**	FLEXCOLOR 2700K/3000K/3500K **4000K**/5000K	WHITE
RP-DOT-14N-22W-40K-WC-G3-BZ						DARK BRONZE

FACTORY SET WATTAGE AND CCT ARE SHOWN IN BOLD

ETL LISTED * FC * DLC LISTED *

* PENDING

HEADQUARTERS & TRAINING CENTER • Cary, IL | **INNOVATION & MANUFACTURING CENTER** • Middleton, MA
847.380.3540 • led-llc.com • sales@led-llc.com

10.06.26 Information is subject to change without notice.

Light Efficient Design

HOUSING OPTIONS

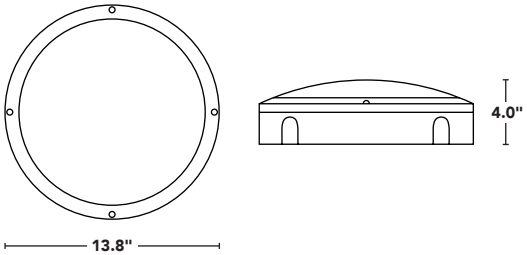


WHITE
(DEFAULT COLOR)



DARK BRONZE
(ADD -BZ TO PART #)

DIMENSIONS



PART NUMBER BUILDER

MFR	PRODUCT	SIZE	WATTAGE	CCT	FUNCTION	GEN	CONTROLS	EMG	HOUSING COLOR
RP	DOT	14N		XXK	WC	G3		EM1	
			6W 10W 16W **22W**	XX=CCT 27=2700K 30=3000K 35=3500K **40=4000K** 50=5000K	WC = FLEXWATT + FLEX COLOR		-OC -OCLR -OCBT -BT	4W - 500 LUMENS @ 90 MIN (SHIPS SEPARATELY)	WHITE* BZ = DARK BRONZE *DEFAULT COLOR, LEAVE BLANK

EXAMPLE PART NUMBER RP-DOT-14N-22W-40K-WC-G3-OC-EM1-BZ

FACTORY SET LUMEN PACKAGE (WATTAGE AND CCT) ARE SHOWN IN BOLD. THERE ARE TWO OPTIONS FOR SELECTING A DIFFERENT LUMEN PACKAGE (WATTAGE 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.
SCAN QR CODE FOR FULL FULHAM EMG SPEC SHEET.

CONTROL OPTIONS

SIMPLE LIGHTING CONTROLS

-OC
MICROWAVE OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR
IR23 REMOTE



-OCLR
LIMITED-RANGE MICROWAVE OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR
IR23 REMOTE



NETWORK LIGHTING CONTROLS

-OCBT
SILVAIR™ BLUETOOTH MICROWAVE MOTION AND DAYLIGHT HARVESTING SENSOR
IR23 REMOTE & SILVAIR APP



IR REMOTE SETS SENSOR RANGE

-BT
SILVAIR™ BLUETOOTH CONTROL NODE
SILVAIR APP



Light Efficient Design/RemPhos has partnered with Silvair to offer fixtures and retrofits w/ a wireless Bluetooth-mesh eco-system. 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 photocell/ambient light-sensing capabilities, along with embedded programming that can be configured and networked. System can control motion response, illumination levels, and scheduling.

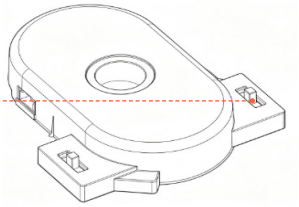
FLEXWATT™ TECHNOLOGY

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.

HOW EASY IS IT TO SET?

- Adjust the 4-position slide switch with your fingers. Quick and easy.



FLEXWATT SWITCH POSITION

MODEL	POSITION 1	POSITION 2	POSITION 3	POSITION 4
RP-DOT	6W (750LM)	10W (1300LM)	16W (2080LM)	22W (2750LM)

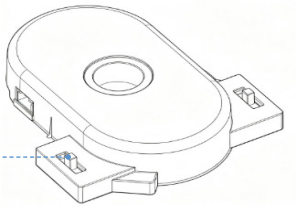
FLEXCOLOR™ TECHNOLOGY

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.

HOW EASY IS IT TO SET?

- Adjust the 5-position slide switch with your fingers. Quick and easy.



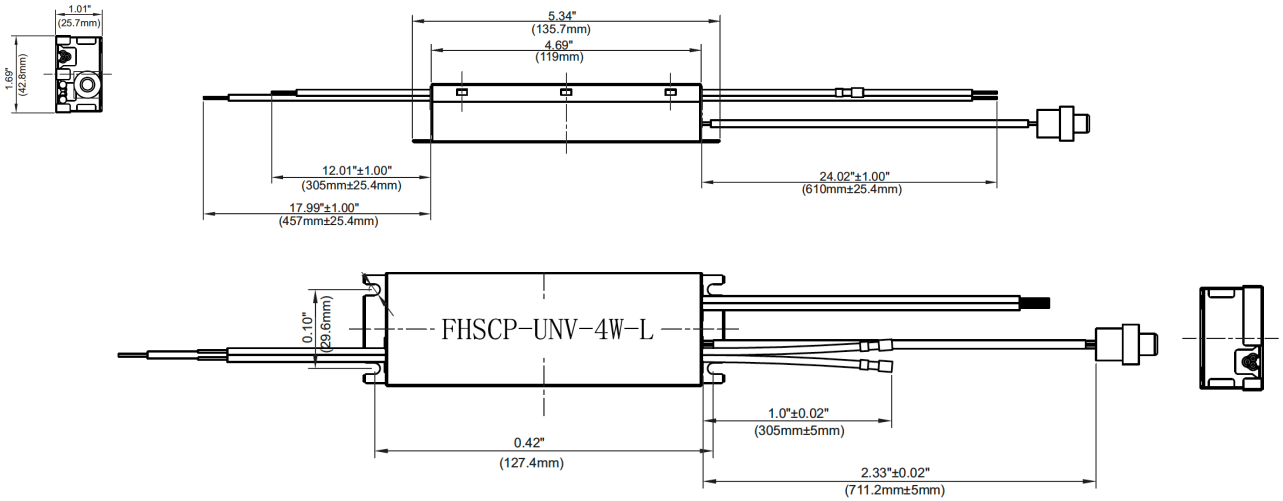
FLEXCOLOR SWITCH POSITION

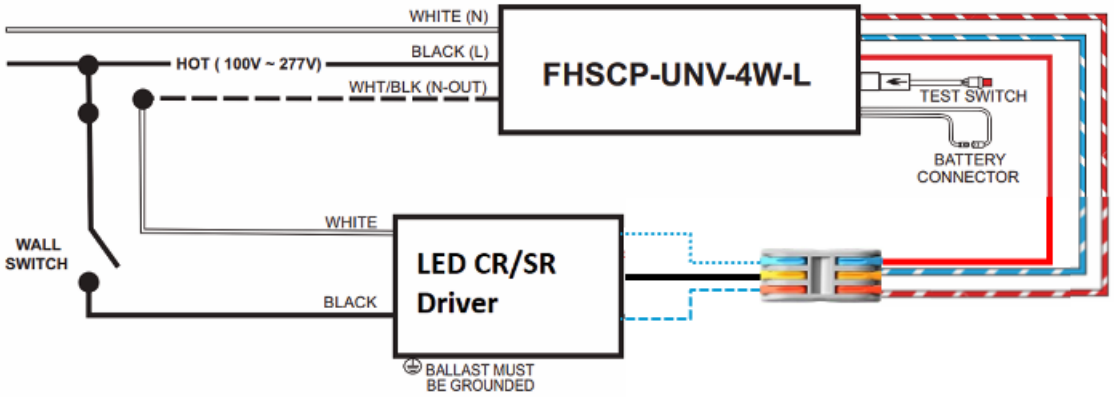
COLOR TEMPS	POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5
STANDARD (WC)	2700K	3000K	3500K	4000K	5000K

TURNS ON WHEN POWER GOES OFF

5 YEAR WARRANTY | 120-277V | 90 MIN RUN TIME | 41°F TO 131°F OPERATING TEMP | EMG OPTIONAL EMG BATTERY BACKUP

EMG DRIVER DIMENSIONS



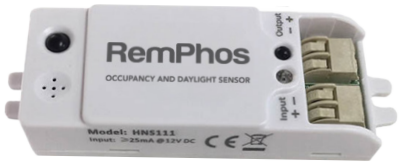


OPTIONAL EMERGENCY BATTERY BACKUP KIT

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	$LiFePO_4$
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 OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR

ADDING -OC TO THE DOT PART NUMBERS UPGRADES THE FIXTURE W/ A FACTORY INSTALLED SIMPLE CONTROL UTILIZING A MICROWAVE MOTION SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HOLD-OFF SENSOR TO DIM AND/OR TURN OFF THE DAL WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL LIGHT LEVELS ARE HIGH.

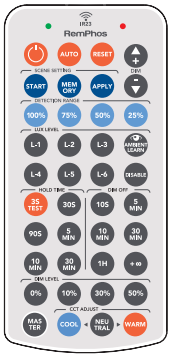


ATTRIBUTES

DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMISSIONING METHOD	IR REMOTE
REMOTE	IR23*
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

* SENSOR ALSO COMPATIBLE W/ IR12 REMOTE

IR23 REMOTE



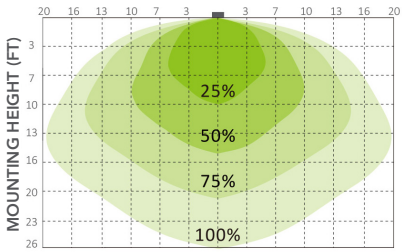
- PERMANENT ON/OFF FUNCTION
- SENSOR MODE
- RESET FUNCTION
- AMBIENT LEARN
- TEST MODE
- DIM +/-

FOR MORE INFORMATION ON THE IR23 REMOTE SCAN BELOW

DETECTION PATTERN / -OC

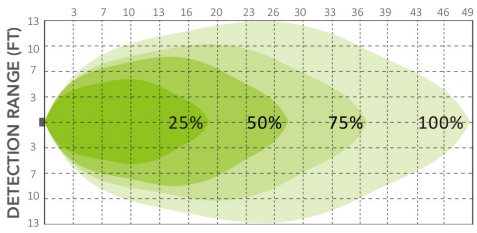
CEILING MOUNTING

DETECTION RANGE (FT)



WALL MOUNTING

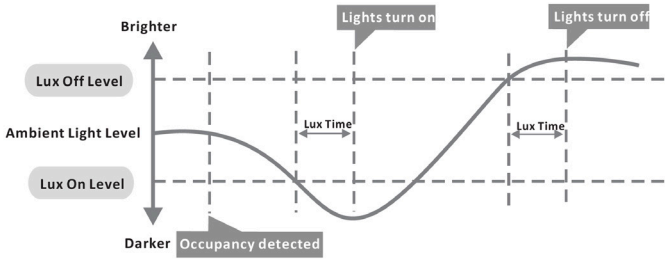
DETECTION DISTANCE (FT)



DAYLIGHT HOLD-OFF / -OC

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 OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR

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

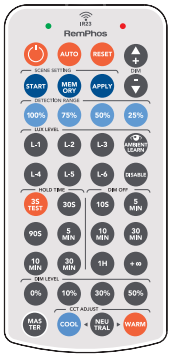


ATTRIBUTES

DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY
SENSOR POWER	12VDC
GROUPABLE	NO
NETWORK LIGHTING CONTROL	NO
COMISSIONING METHOD	IR REMOTE
REMOTE	IR23*
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

* SENSOR ALSO COMPATIBLE W/ IR12 REMOTE

IR23 REMOTE

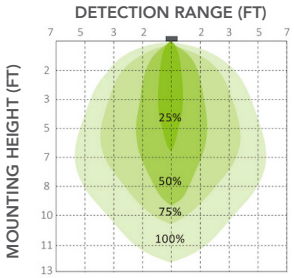


- PERMANENT ON/OFF FUNCTION
- SENSOR MODE
- RESET FUNCTION
- AMBIENT LEARN
- TEST MODE
- DIM +/-

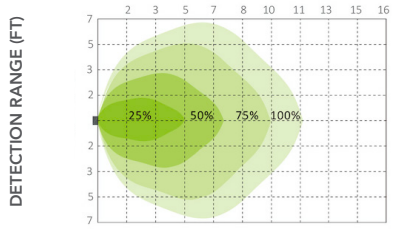
FOR MORE INFORMATION ON THE IR23 REMOTE SCAN BELOW

DETECTION PATTERN / RC-OCLR

CEILING MOUNTING



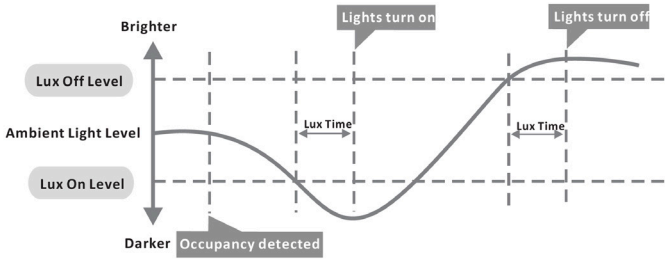
WALL MOUNTING



DAYLIGHT HOLD-OFF / -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 STAND-BY IS SET TO + ∞.



RemPhos®

-OCBT

SILVAIR™ BLUETOOTH MICROWAVE MOTION AND DAYLIGHT HARVESTING SENSOR

ORDERING **-OCBT**, IN ADDITION TO THE DOT 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.

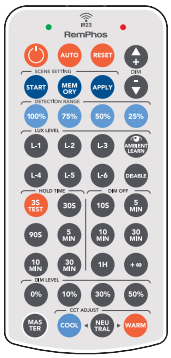


ATTRIBUTES

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	IR23*
DAYLIGHT HARVESTING	YES
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	YES
NETWORK TECHNOLOGY	SILVAIR BLUETOOTH MESH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC
CONTROL CAPACITY	10 FIXTURES

* SENSOR ALSO COMPATIBLE W/ IR12 REMOTE

IR23 REMOTE



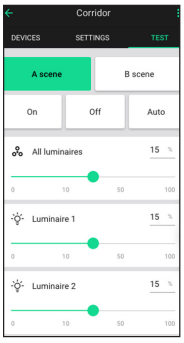
DETECTION RANGE

100% 75% 50% 25%

IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

FOR MORE INFORMATION 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

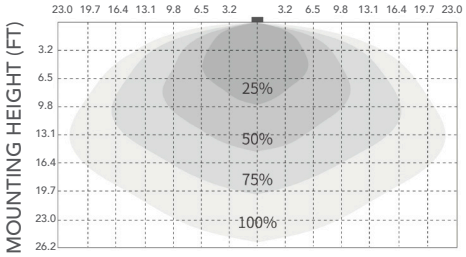
Silvair Lighting commissioning app OPEN

FOR MORE INFO SCAN ABOVE

DETECTION PATTERN / -OCBT

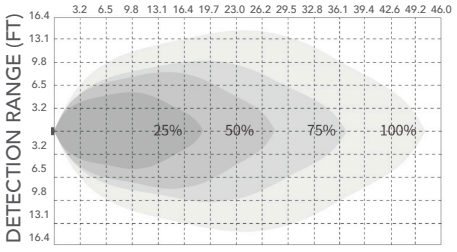
CEILING MOUNTING

DETECTION RANGE (FT)

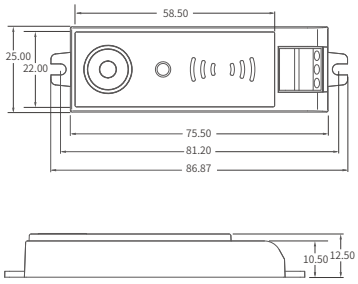


WALL MOUNTING

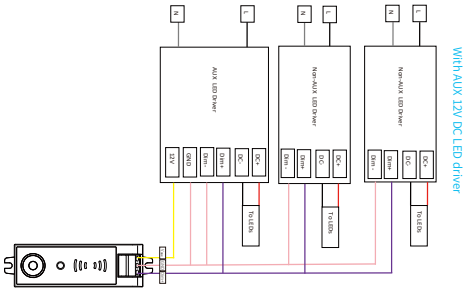
DETECTION DISTANCE (FT)



DIMENSIONS / -OCBT



WIRING DIAGRAM / -OCBT



SILVAIR™ BLUETOOTH CONTROL NODE

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

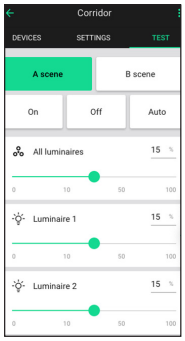


DLC LISTED
NLC LISTED

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



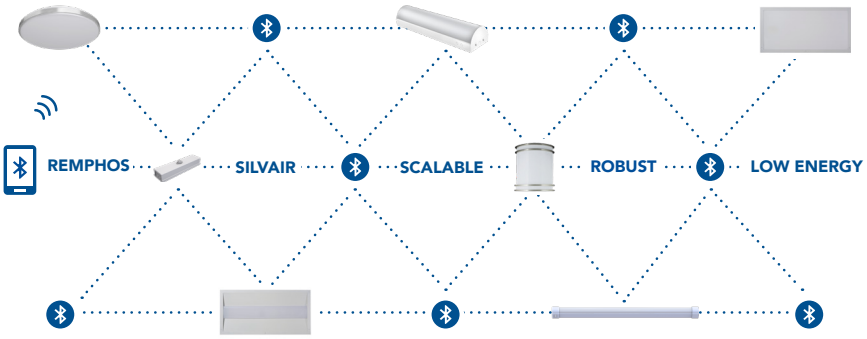
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.

Download on the APP Store

Silvair
Lighting commissioning app
OPEN

FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW

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

Silvair
Lighting commissioning app
OPEN

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



