



PART #

JOB NAME / TYPE



LEDCR-G3-9IN

FISHEYE OPTICS



LEDSR-G3-4IN

MORE CCTs,
MORE LUMENS
PER WATT

THE NEW GENERATION OF THE LEDCR + LEDSR COMES BUILT W/ UP TO 160 LUMENS PER WATT ALLOWING YOU TO KEEP YOUR FIXTURE AND UPGRADE PERFORMANCE. Expanded coverage w/ fisheye optics, creating a brighter, more uniform light output. Adaptable mounting — flexible wiring accommodates various wiring configurations. Suitable for dry and damp locations. Optional **SIMPLE** & **NETWORK LIGHTING CONTROLS**.

SUPERFLEX SWITCH BETWEEN 4 WATTAGES & 5 CCTS

10 YEAR WARRANTY

0-10V
DIM TO OFF

12V
AUX OUTPUT

EMG
OPTIONAL EMG
BATTERY BACKUP

160
LPW
EFFICACY
(LIGHT ENGINE)

80+
CRI

170°
BEAM ANGLE

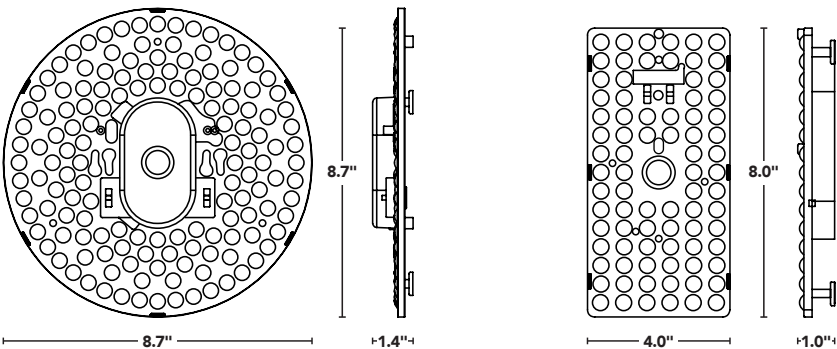
-4°F TO 140°F
OPERATING TEMP

100,000hrs
RATED LIFE

PART #	DESCRIPTION	VOLTAGE	LUMENS	WATTAGE	CCT
RP-LEDCR-G3-9IN-22W-40K-WC	9 IN CIRCULAR RETROFIT KIT	120-277V	930-3410	FLEXWATT 6W/10W/16W/ 22W	FLEXCOLOR 2700K/3000K/3500K 4000K/5000K
RP-LEDSR-G3-4IN-15W-40K-WC	4 IN SCONCE RETROFIT KIT		930-2325	FLEXWATT 6W/10W/12W/ 15W	

FACTORY SET WATTAGE AND CCT ARE SHOWN IN BOLD





PART NUMBER BUILDER

MFR	PRODUCT	GENERATION	SIZE	WATTAGE	CCT	FUNCTION	CONTROLS	EMG
RP		G3			40K	WC		
	LEDCR		9IN	6W/10W/16W/22W	XX = CCT	WC = FLEXWATT + FLEXCOLOR	-OC	EM1 = EMERGENCY BATTERY BACKUP
	LEDSR		4IN	6W/10W/12W/15W	27 = 2700K		-OCLR	
					30 = 3000K		-OCBT	
					35 = 3500K		-BT	
					40 = 4000K		-BTX	
					50 = 5000K			

EXAMPLE PART NUMBER RP-LEDCR-G3-9IN-22W-40K-WC-OC-EM1

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		NETWORK LIGHTING CONTROLS		
-OC MICROWAVE OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR IR23 REMOTE	-OCLR LIMITED-RANGE MICROWAVE OCCUPANCY AND DAYLIGHT HOLD-OFF SENSOR IR23 REMOTE	-OCBT SILVAIR™ BLUETOOTH MICROWAVE MOTION AND DAYLIGHT HARVESTING SENSOR IR23 REMOTE & SILVAIR APP	-BT SILVAIR™ BLUETOOTH CONTROL NODE SILVAIR APP	-BTX SILVAIR™ BLUETOOTH CONTROL NODE W/ EXTERNAL ANTENNA SILVAIR APP
		IR REMOTE SETS SENSOR RANGE		



Light Efficient Design/RemPhos has partnered with Sil vair to offer fixtures and retrofits w/ a wireless Bluetooth-mesh eco-system. Sil vair is listed on the DLC NLC QPL certified to Technical Requirements Version 5.1. Our Sil vair 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.



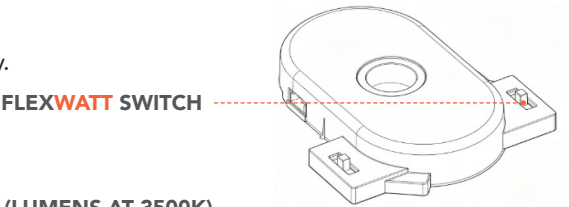
FLEXWATT™ TECHNOLOGY

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 w/ your fingers. Quick and easy.



FLEXWATT SWITCH POSITION (LUMENS AT 3500K)

MODEL	POSITION 1	POSITION 2	POSITION 3	POSITION 4
LEDCR	6W (960LM)	10W (1560LM)	16W (2496LM)	22W (3432LM)
LEDSR	6W (960LM)	9W (1404LM)	12W (1872LM)	15W (2340LM)

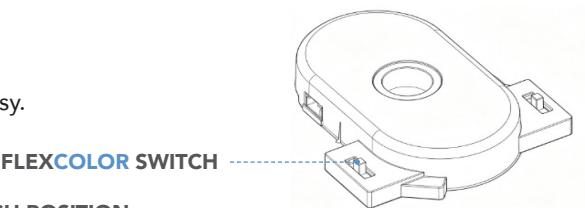
FLEXCOLOR™ TECHNOLOGY

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 w/ 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

EASILY RETROFIT FIXTURES 24 IN AND LARGER!





Turns on when power goes off

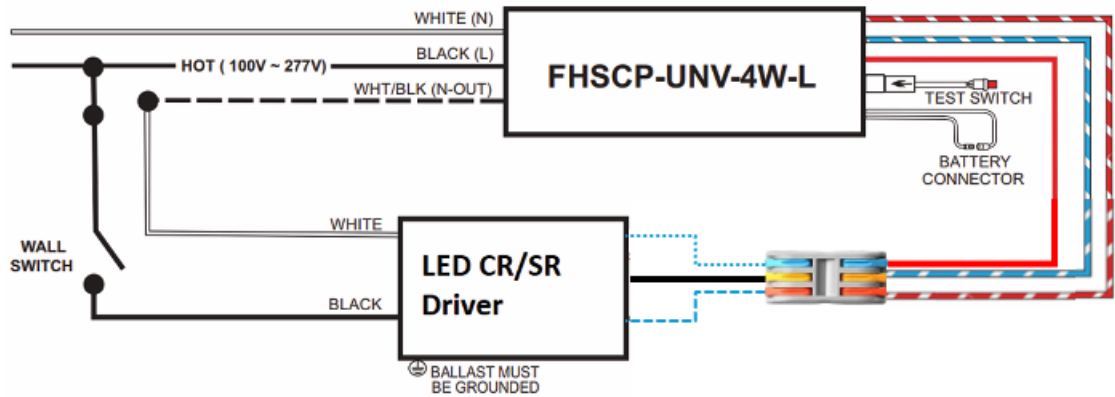
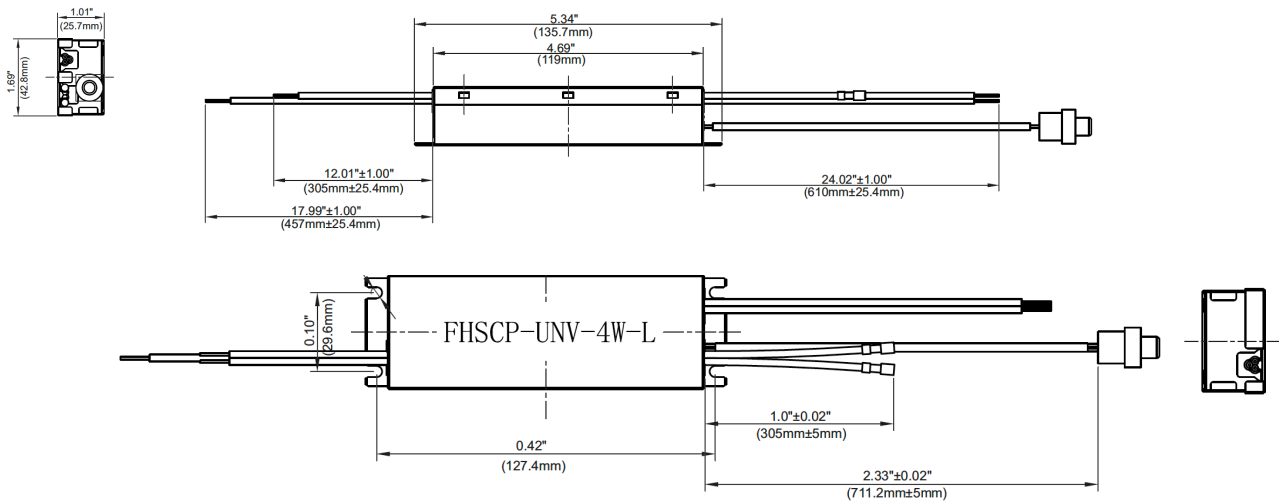


41°F to 131°F
OPERATING TEMP



OPTIONAL EMG
BATTERY BACKUP

EMG DRIVER DIMENSIONS





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 Battery Under Voltage Protection Battery Hot Plug at Normal Mode Protection Battery Hot Plug at Emergency Mode 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

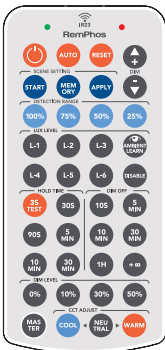
ADDING -OC TO THE CR OR SR PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **SIMPLE CONTROL** UTILIZING A MICROWAVE MOTION SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HOLD-OFF SENSOR TO DIM AND/OR TURN OFF THE CR OR SR WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL LIGHT LEVELS ARE HIGH.



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

IR23 REMOTE



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

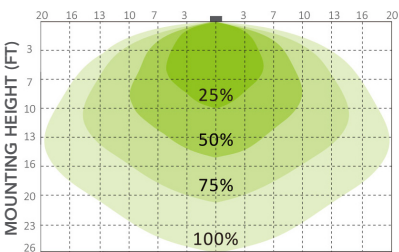
FOR MORE INFORMATION ON THE IR23 REMOTE SCAN BELOW



DETECTION PATTERN / -OC

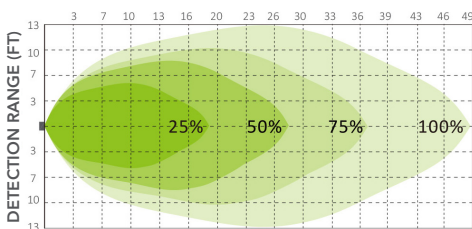
CEILING MOUNTING

DETECTION RANGE (FT)



WALL MOUNTING

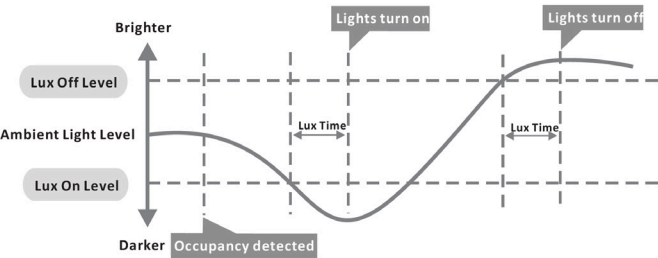
DETECTION DISTANCE (FT)



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

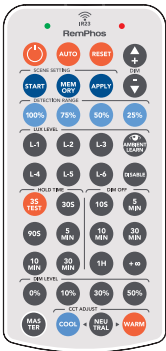
ADDING -OCLR TO THE CR OR SR PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **SIMPLE CONTROL** UTILIZING A MICROWAVE MOTION SENSOR. IT ALSO COMES EQUIPPED W/ A DAYLIGHT HOLD-OFF SENSOR TO DIM AND/OR TURN OFF THE CR OR SR WHEN THE SPACE IS UNOCCUPIED OR SURROUNDING NATURAL LIGHT LEVELS ARE HIGH.



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

IR23 REMOTE



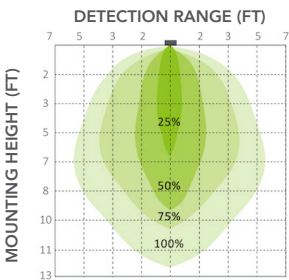
- PERMANENT ON/OFF FUNCTION
- SENSOR MODE
- RESET FUNCTION
- AMBIENT LEARN
- TEST MODE
- DIM +/-

FOR MORE INFORMATION ON THE IR23 REMOTE SCAN BELOW

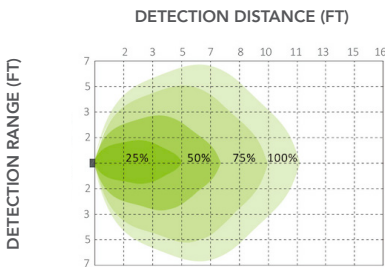


DETECTION PATTERN / -OCLR

CEILING MOUNTING



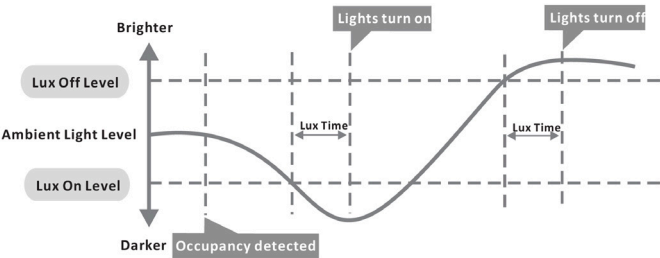
WALL MOUNTING



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 + ∞.



SILVAIR™ BLUETOOTH MICROWAVE MOTION AND DAYLIGHT HARVESTING SENSOR

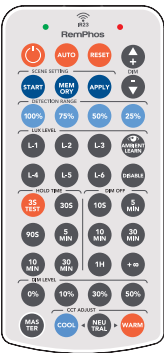
ADDING **-OCBT** TO THE CR OR SR PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. ONCE CONNECTED THROUGH THE SILVAIR APP, THE BLUETOOTH MICROWAVE MOTION SENSOR AND DAYLIGHT HARVESTING TECHNOLOGY CAN MAXIMIZE ENERGY SAVINGS.



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

IR23 REMOTE



DETECTION RANGE

100%

75%

50%

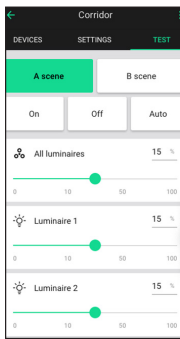
25%

IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY



FOR MORE INFORMATION SCAN ABOVE

SILVAIR APP



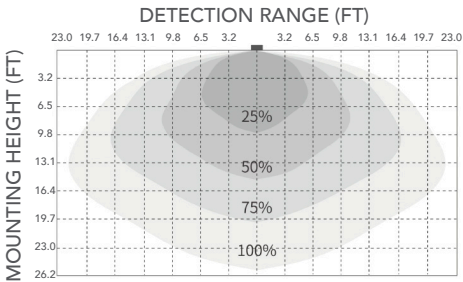
SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



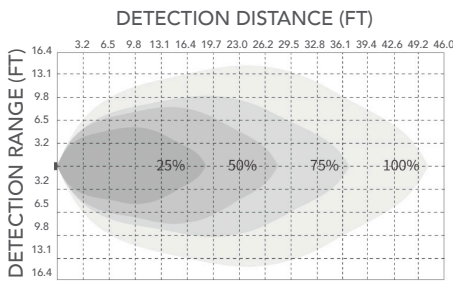
FOR MORE INFO SCAN ABOVE

DETECTION PATTERN / -OCBT

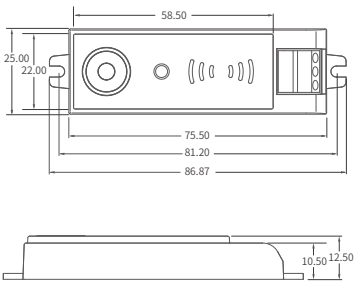
CEILING MOUNTING



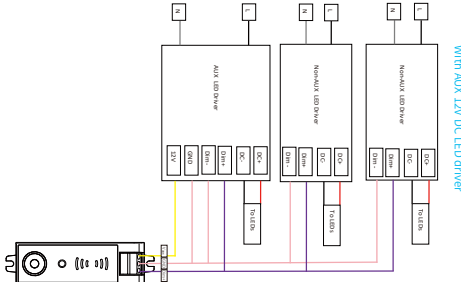
WALL MOUNTING



DIMENSIONS / -OCBT



WIRING DIAGRAM / -OCBT



SILVAIR™ BLUETOOTH CONTROL NODE

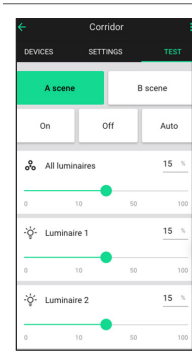
ADDING **-BT** TO THE CR OR SR PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP ON ROBUST BLUETOOTH MESH. CAN BE PAIRED W/ A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES WITH SENSORS TO MAXIMIZE COST SAVINGS.



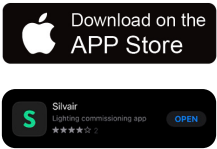
ATTRIBUTES

DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
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



SILVAIR™ BLUETOOTH CONTROL NODE W/ EXTERNAL ANTENNA

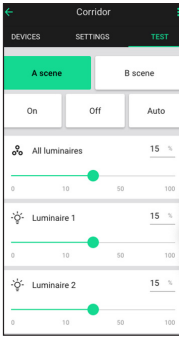
ADDING **-BTX** TO THE CR OR SR PART NUMBER UPGRADES THE FIXTURE W/ A FACTORY INSTALLED **NETWORK LIGHTING CONTROL**. CONNECT THROUGH THE SILVAIR APP WITH BLUETOOTH MESH TECHNOLOGIES. CAN BE PAIRED W/ A SWITCH FOR WIRELESS DIMMING CONTROL OR CONNECT TO OTHER FIXTURES WITH SENSORS TO MAXIMIZE COST SAVINGS.



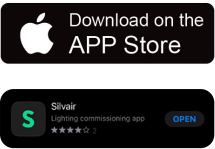
ATTRIBUTES

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

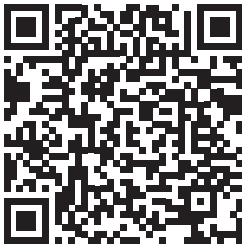
SILVAIR APP

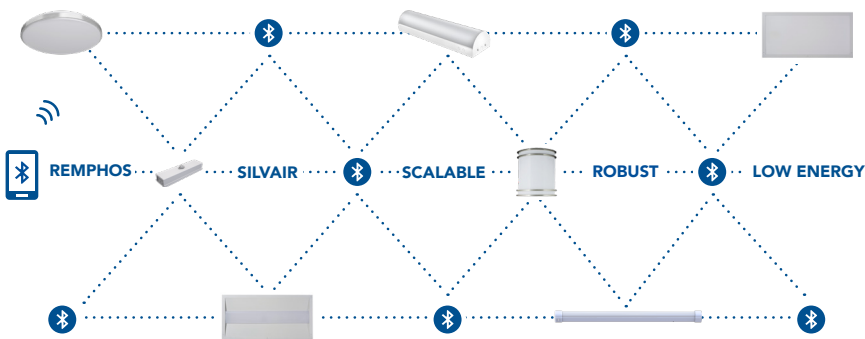


SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



FOR MORE INFORMATION ON THE SILVAIR APP SCAN BELOW





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

