



PART #

JOB NAME

TYPE



- Choose from 5 fixture styles with multiple diameters.
- Available standard (control ready) or with **SIMPLE** or **NETWORK LIGHTING CONTROLS** (see pg. 2 & 9-14).
- Powered by the LEDCR G2 light engine — easily replaceable & upgradeable.
- Suitable for dry and damp locations.
- Optional emergency battery back-up.



DRU



DRD



DRT



DRO

POWERED
BY THE LEDCR

SCAN FOR THE
LEDCR SPEC SHEET



SUPERFLEX
SWITCH BETWEEN
4 WATTAGES & 3 CCTS



120-277V



SENSOR READY



12V
AUX OUTPUT



OPTIONAL NETWORK
LIGHTING CONTROL



OPTIONAL SIMPLE
OCC



OPTIONAL EMG
BATTERY BACKUP



CRI



BEAM ANGLE



OPERATING TEMP



100,000hrs
RATED LIFE

PART #	UPC	FLEXWATTAGE	LUMENS	LPW	FLEXCOLOR
RP-DRU-11N-14L-40K-WC-G2-A	844006022617	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K
RP-DRU-14N-14L-40K-WC-G2-A	844006022624	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K
RP-DRD-14N-14L-40K-WC-G2-A	844006040673	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K
RP-DRD-18N-14L-40K-WC-G2-A	844006040697	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K



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

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

11.14.24 Information is subject to change without notice.

Light Efficient Design



PART NUMBER BUILDER - SEE PG. 3 FOR ORDERING DIRECTIONS

MFR	PRODUCT	SIZE	LUMENS	CCT	FUNCTION	GENERATION	CONTROLS	EMG	AA
RPT				8XX	WC	G2		EMG	
	DRU DRD DRO DRT	11N = 11IN 12N = 12IN 13N = 13IN 14N = 14IN 18N = 18IN	8L, 14L , 23L, 31L	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-DRU-11N-14L-40K-WC-G2-A-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		
-OC1 MICROWAVE MOTION SENSOR (STANDARD) IR12 REMOTE	-OCLR LIMITED RANGE MICROWAVE MOTION SENSOR (STANDARD) IR12 REMOTE	-OCBT NETWORK LIGHTING CONTROL NODE + MICROWAVE MOTION & DAYLIGHT SENSOR IR12 REMOTE & SILVAIR APP	-BT NETWORK LIGHTING CONTROL NODE SILVAIR APP	-BTX NETWORK LIGHTING CONTROL NODE W/ EXT ANTENNA SILVAIR APP
		 IR REMOTE SETS SENSOR RANGE ONLY		



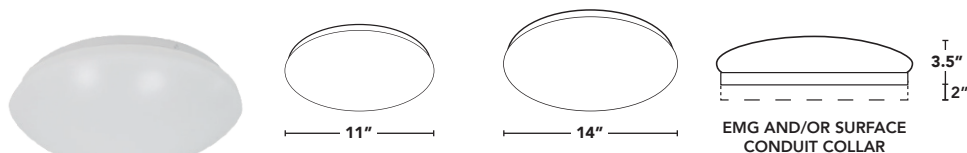
LIGHT EFFICIENT DESIGN/REMPHOS HAS PARTNERED WITH SILVAIR TO OFFER A WIRELESS BLUETOOTH-MESH ECO-SYSTEM FIXTURE INTEGRAL CONTROL. SILVAIR IS LISTED ON THE DLC NLC QPL CERTIFIED TO TECHNICAL REQUIREMENTS VERSION 5.1. OUR SILVAIR CONTROLS MEET ALL ELIGIBILITY CRITERIA OF INTEGRAL, FIXTURE-MOUNTED, ADDRESSABLE 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
23L	2256LM, 16W	2240LM, 16W	2352LM, 16W
31L	2970LM, 22W	3080LM, 22W	3124LM, 22W

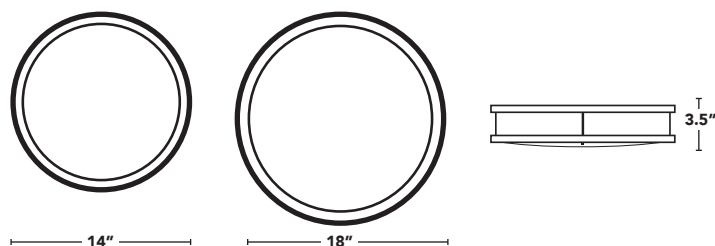
DRU - UTILITY DRUM 11" OR 14"



- Flexible lens made from high transmission, UV blocking acrylic plastic.
- Thick metal, white painted base.
- Lens attaches to metal base via twist lock - no tools required.
- Available in 11in and 14in diameters.

PART #	UPC	FLEXWATTAGE	LUMENS	LPW	FLEXCOLOR	ENERGY STAR	QUICK SHIP
RP-DRU-11N-14L-40K-WC-G2-A	844006022617	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓
RP-DRU-11N-14L-40K-WC-G2-OC1-A	844006022631	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓
RP-DRU-14N-14L-40K-WC-G2-A	844006022624	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓
RP-DRU-14N-14L-40K-WC-G2-OC1-A	844006022648	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓

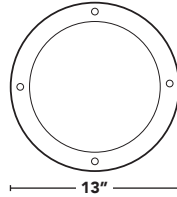
DRD - DESIGNER DRUM 14" OR 18"



PART #	UPC	FLEXWATTAGE	LUMENS	LPW	FLEXCOLOR	ENERGY STAR	QUICK SHIP
RP-DRD-14N-14L-40K-WC-G2-A	844006040673	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓
RP-DRD-14N-14L-40K-WC-G2-OC1-A	844006040680	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓
RP-DRD-18N-14L-40K-WC-G2-A	844006040697	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓
RP-DRD-18N-14L-40K-WC-G2-OC1-A	844006040703	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓



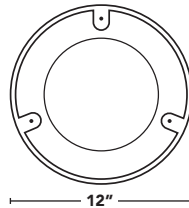
DRT -TOUGH DRUM 13"



- Vandal resistant and watertight/wet-rated.
- Strong rigid lens made from high transmission, UV blocking polycarbonate.
- Thick metal, brushed nickel plated base, trim rings and hardware.
- Available in 13in diameters. Contact us for custom paint colors such as white, brass or

PART #	UPC	FLEXWATTAGE	LUMENS	LPW	FLEXCOLOR	ENERGY STAR	QUICK SHIP
RP-DRT-13N-14L-40K-WC-G2	844006015794	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓
RP-DRT-13N-14L-40K-WC-G2-OC1	844006010492	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K		✓

DRO - OUTDOOR DRUM 12"



- Vandal resistant and watertight/wet-rated.
- Strong rigid lens made from high transmission, UV blocking polycarbonate.
- Strong white polycarbonate base.
- Available in 12in diameter.

PART #	UPC	FLEXWATTAGE	LUMENS	LPW	FLEXCOLOR	ENERGY STAR	QUICK SHIP
RP-DRO-12N-14L-40K-WC-G2	844006015763	6W/10W/16W/22W	780-3124	130-142	3000K/3500K/4000K	✓	✓
RP-DRO-12N-14L-40K-WC-G2-OC1	844006019983	6W/10W/16W/22W	780-3124	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.

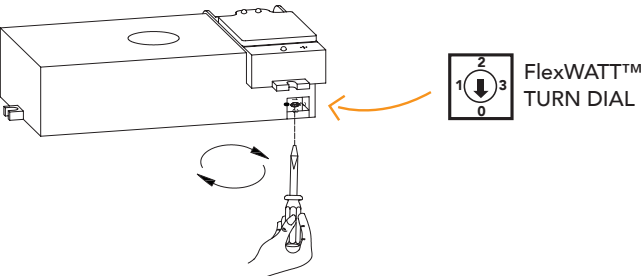
WHAT ARE THE WATTAGE CHOICES?

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
LED CR	6W (8L)	10W (14L)	16W (23L)	22W (31L)

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.

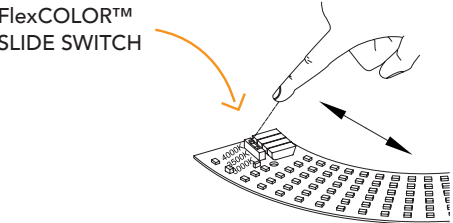
WHAT ARE THE COLOR CHOICES?

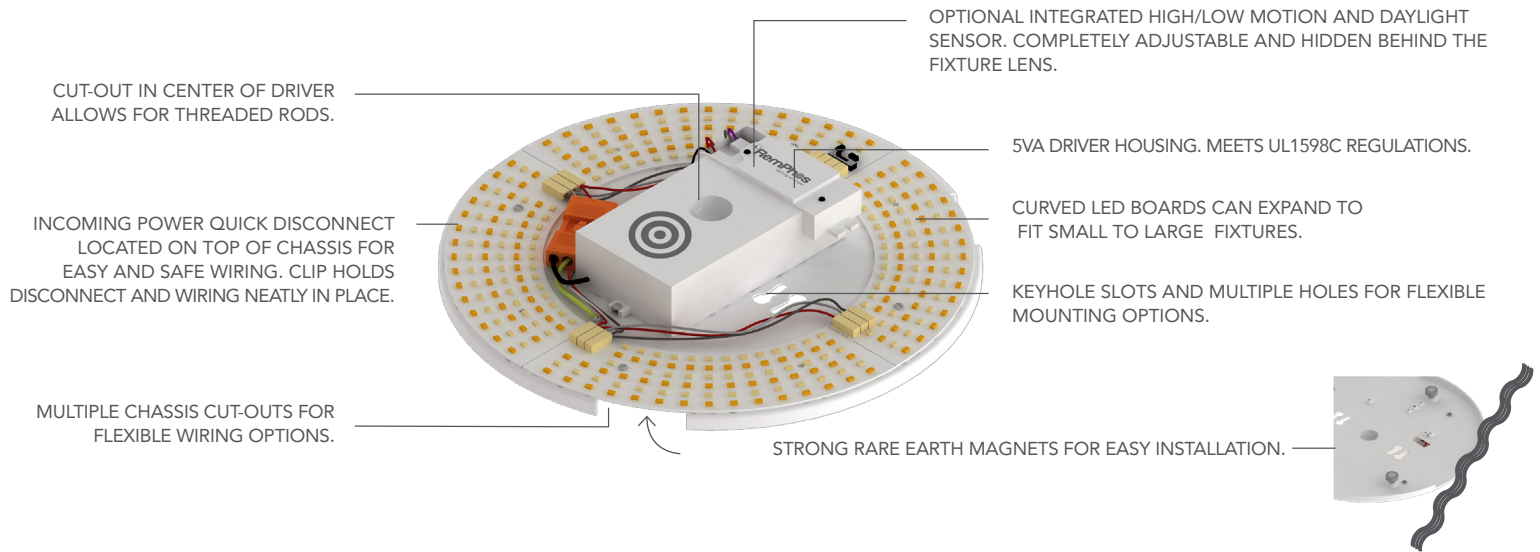
3000k, 3500k and 4000k. Please reference this table and the ordering guide on the last page of the cut sheet.

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.





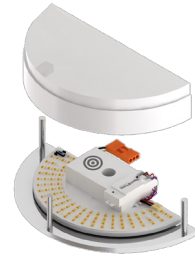
EASILY RETROFIT THESE FIXTURE STYLES, AND MORE!



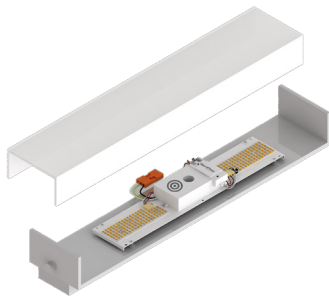
LEDCR-G2-9IN/SURFACE MOUNT



LEDCR-G2-9IN/SURFACE MOUNT



LEDSR-G2-9IN/SCONCE



LEDSR-G2-14INM/VANITY + LINEAR



LEDSR-G2-14INE/VANITY + LINEAR



LEDSR-G2-4IN/SCONCE



URNS ON WHEN POWER GOES OFF



90 MIN RUN TIME

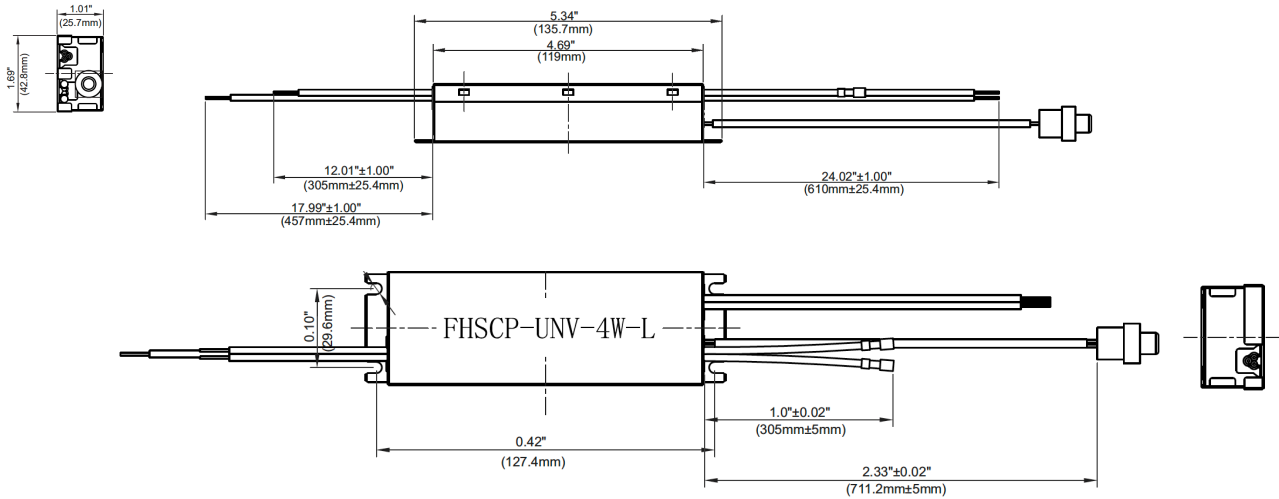


OPERATING TEMP

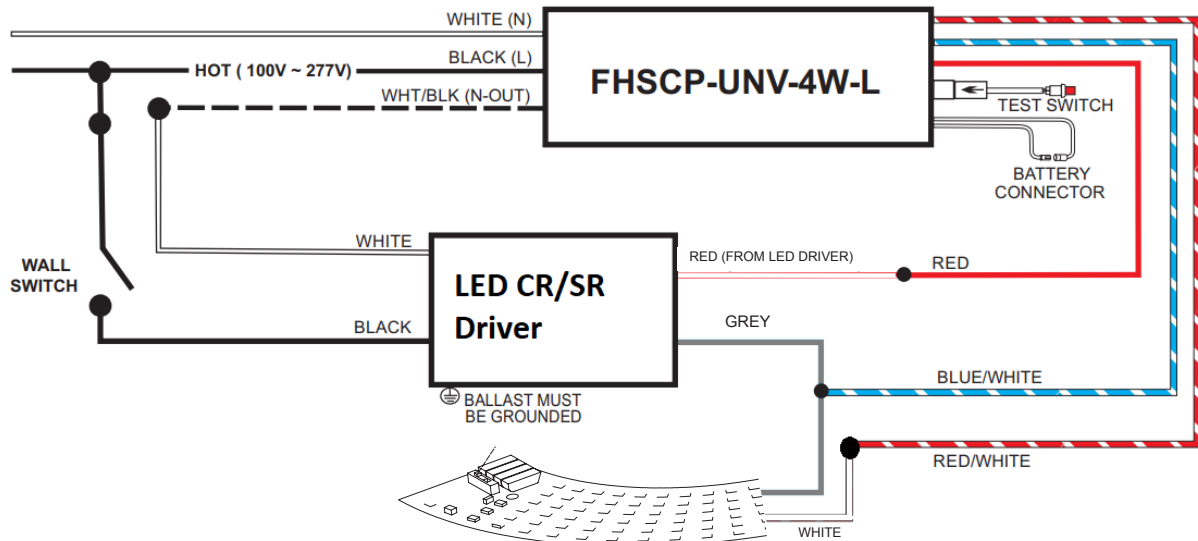


OPTIONAL EMG
BATTERY BACKUP

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 **DRUMS** 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 **DRUMS** 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

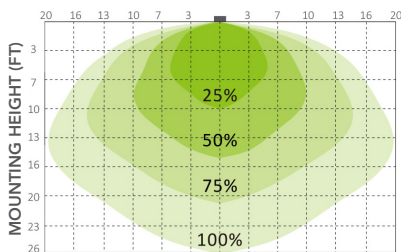
FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW



DETECTION PATTERN / OC1

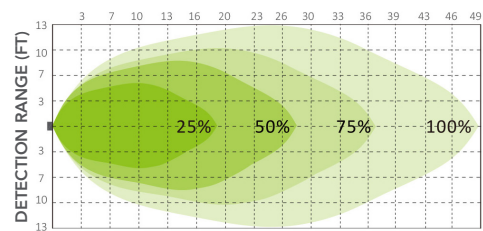
CEILING MOUNTING

DETECTION RANGE (FT)



WALL MOUNTING

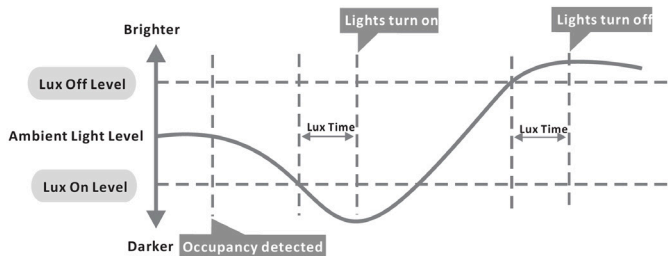
DETECTION DISTANCE (FT)



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 STAND-BY IS SET TO + ∞.





ADDING **-OCLR** TO THE **DRUMS** 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 **DRUMS** 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

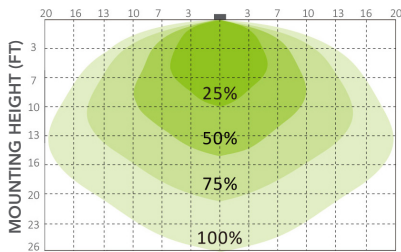
FOR MORE INFORMATION ON THE IR12 REMOTE SCAN BELOW



DETECTION PATTERN / OCLR

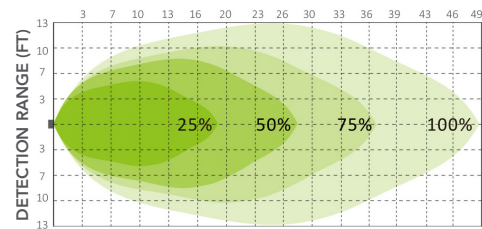
CEILING MOUNTING

DETECTION RANGE (FT)



WALL MOUNTING

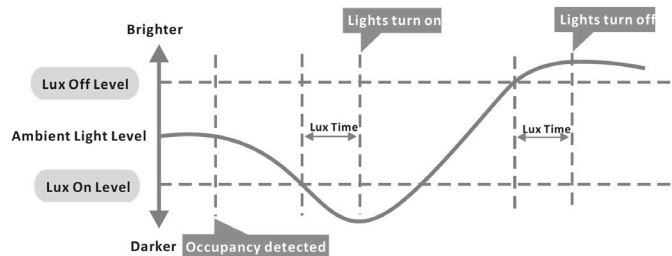
DETECTION DISTANCE (FT)



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 **DRUMS** 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.

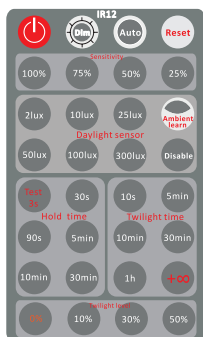


ATTRIBUTES

DETECTION TECHNOLOGY	MICROWAVE
DETECTION TYPE	OCCUPANCY / VACANCY
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMMISSIONING 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

*SEE PAGE 10 FOR MORE INFORMATION ON SILVAIR APP

IR12 REMOTE

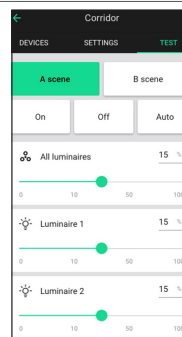


IR REMOTE FOR SENSITIVITY RANGE SETTING ONLY

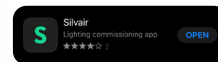


FOR MORE INFO SCAN ABOVE

SILVAIR APP



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

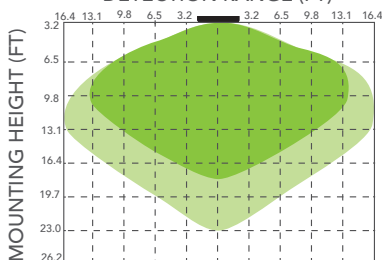


FOR MORE INFO SCAN ABOVE OR SEE PG. 10

DETECTION PATTERN / OCBT

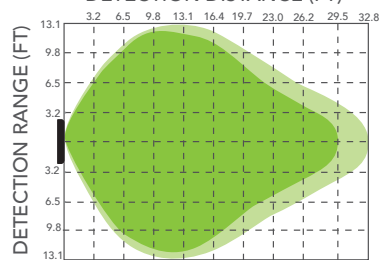
CEILING MOUNTING

DETECTION RANGE (FT)

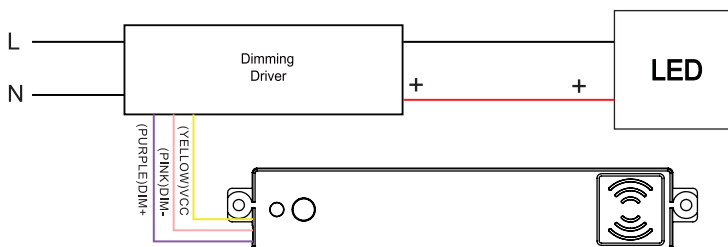


WALL MOUNTING

DETECTION DISTANCE (FT)



WIRING DIAGRAM / OCBT





ADDING **-BT** TO THE **DRUMS** 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.

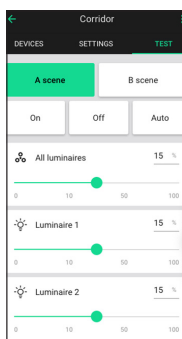


ATTRIBUTES

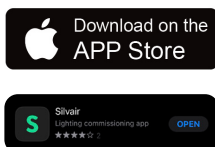
DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMMISSIONING METHOD	NONE
REMOTE	SILVAIR APP*
DAYLIGHT HARVESTING	NO
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	NO
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC

*SEE PAGE 10 FOR MORE INFORMATION ON SILVAIR APP

SILVAIR APP



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 **DRUMS** 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.

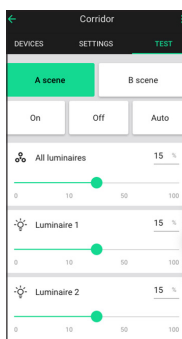


ATTRIBUTES

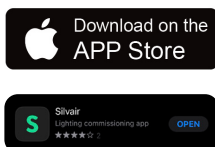
DETECTION TECHNOLOGY	NONE
DETECTION TYPE	NONE
SENSOR POWER	12VDC
GROUPABLE	YES
NETWORK LIGHTING CONTROL	YES
COMMISSIONING METHOD	NONE
REMOTE	SILVAIR APP*
DAYLIGHT HARVESTING	NO
HI OR LOW TRIM	YES
BI-LEVEL DIMMING	NO
NETWORK TECHNOLOGY	BLUETOOTH
INSTALLATION TYPE	INTERNAL
DLC LISTED	YES + DLC NLC

*SEE PAGE 10 FOR MORE INFORMATION ON SILVAIR APP

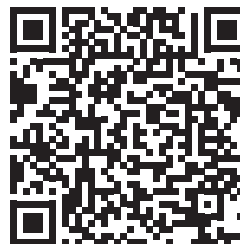
SILVAIR APP

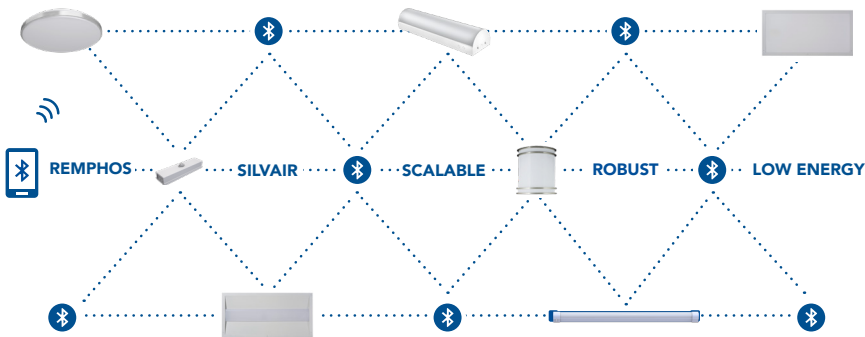


SILVAIR IS A SOFTWARE AND COMMISSIONING APP THAT CONNECTS AND CONTROLS LIGHTING FIXTURES USING BLUETOOTH MESH TECHNOLOGY.



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





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

