SURFACE MOUNT DRUM FIXTURES G2 LEDCR G2 LIGHT ENGINE

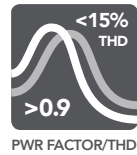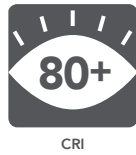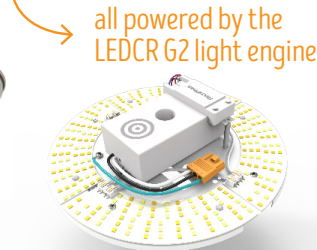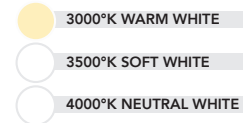|								
10 YEAR WARRANTY	**120-277V**	**0-10V DIM**	**130-150 LPW**	**-20°C TO 60°C**	**<15% THD / >0.9**	**80+**	**EMG**	**L70 >100,000**
WARRANTY	VOLTAGE	DIMMING	EFFICACY (LIGHT ENGINE)	OPERATING TEMP	PWR FACTOR/THD	CRI	*OPTIONAL EMG BATTERY BACKUP	RATED LIFE

future-proof & flexible drums

- Choose from 5 fixture styles with multiple diameters.

- Flexible: FlexWatt allows you to select between 4 wattages & FlexColor between 3 colors... all in the same fixture!

- Future-proof: Powered by easily replaceable & upgradeable LEDCR G2 light engine.

- Optional emergency battery back-up and/or control options.

all powered by the LEDCR G2 light engine

flexWATT STANDARD

6W   10W   16W   22W

flexCOLOR

- 3000°K WARM WHITE
- 3500°K SOFT WHITE
- 4000°K NEUTRAL WHITE

flexCONTROL OPTIONAL

ORDER CONTROL READY, BASIC CONTROL OR LG ADVANCED CONTROL

DEFAULT CONFIGURATIONS

PART #	UPC	DESCRIPTION	WATTAGE	LUMENS	LPW	CCT (K)
RP-DRU-11N-14L-40K-WC-G2-A	844006022617	11IN UTILITY DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
RP-DRU-11N-14L-40K-WC-G2-OC1-A	844006022631	11IN UTILITY DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
RP-DRU-14N-14L-40K-WC-G2-A	844006022624	14IN UTILITY DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
RP-DRU-14N-14L-40K-WC-G2-OC1-A	844006022648	14IN UTILITY DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
RP-DRD-14N-14L-40K-WC-G2-A	844006040673	14IN DESIGNER DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
RP-DRD-14N-14L-40K-WC-G2-OC1-A	844006040680	14IN DESIGNER DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
RP-DRD-18N-14L-40K-WC-G2-A	844006040697	18IN DESIGNER DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
RP-DRD-18N-14L-40K-WC-G2-OC1-A	844006040703	18IN DESIGNER DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**

Default setting are above in bold. See pages 2 and 3 for additional styles, lumen packages, color temperatures and options.

* EMG is not available inside of DRT (tough drum) and DRG (glass drum)

ENERGY STAR   RoHS Compliant   ETL LISTED c US   UL 1598 LISTED FIXTURE   FC CLASS B

Light Efficient Design

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INNOVATION & MANUFACTURING CENTER 30 Log Bridge Road, Building 200 • Middleton, MA 01949
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SURFACE MOUNT DRUM FIXTURES G2 LEDCR G2 LIGHT ENGINE

PART NUMBER BUILDER

MFR	PRODUCT	SIZE	LUMENS	COLOR	FUNCTION	GEN	OPTIONS	REV-A
RP					WC	G2		

PRODUCT
DRU=UTILITY DRUM
DRD=DESIGNER DRUM
DRO=OUTDOOR DRUM
DRT=TOUGH DRUM
DRG=GLASS DRUM

SIZE
11N/14N
14N/18N
12N
13N
15N
N = INCHES

LUMENS
8L
14L
23L
31L

COLOR
30K = 3000K, 85CRI
35K = 3500K, 85CRI
40K = 4000K, 85CRI

FUNCTION
WC= FlexWatt + FlexColor

OPTIONS
OCC=high/low motion sensor
* EMG=90 min emergency battery backup
† LVD=120-277V line voltage dimmimg.

ORDERING EXAMPLE
RP-DRU-11N-8L-830-WC-G2
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.

EFFICIENCY/ELECTRICAL DATA

LUMEN SELECTION	CCT 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

ORDERING GUIDE (Default part numbers listed below. Please Use the part number builder for additional configurations.)

DRU - UTILITY DRUM 11" OR 14"

11"

14"

3.5"
← 2"
EMG AND/
OR SURFACE
CONDUIT COLLAR
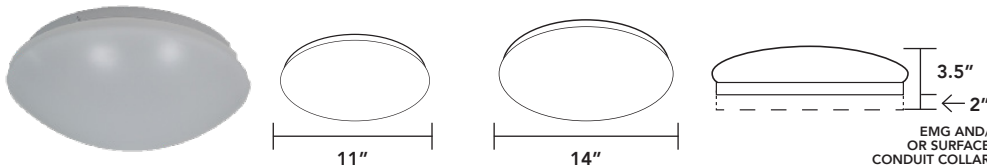
- Flexible lens made from high transmission, UV blocking acrylic plastic.
- Thick metal, white painted base.
- Lens attaches to metal base via twist lock - no tools required.
- Available in 11in and 14in diameters.

CASE QTY	QUICK SHIP	ENERGY STAR	DEFAULT PART #	UPC	DESCRIPTION	WATTAGE	LUMENS	LPW	CCT (K)
1	•	•	RP-DRU-11N-14L-40K-WC-G2-A	844006022617	11IN UTILITY DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
1	•	•	RP-DRU-11N-14L-40K-WC-G2-OC1-A	844006022631	11IN UTILITY DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
1	•	•	RP-DRU-14N-14L-40K-WC-G2-A	844006022624	14IN UTILITY DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
1	•	•	RP-DRU-14N-14L-40K-WC-G2-OC1-A	844006022648	14IN UTILITY DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**

Default lumen package (wattage and CCT) are bold.
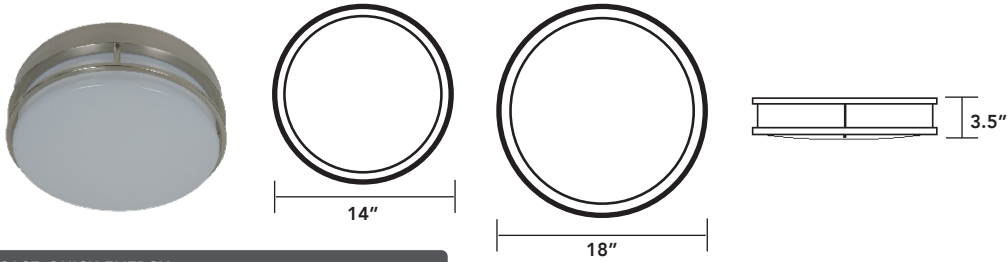
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SURFACE MOUNT DRUM FIXTURES G2 LEDCR G2 LIGHT ENGINE

DRD - DESIGNER DRUM 14" OR 18"


14"

18"

3.5"

- Flexible lens made from high transmission, UV blocking acrylic plastic.
- Thick metal base, brushed nickle plated base, trim rings and hardware.
- Available in 14.5in and 18in diameters.
- Contact us for custom paint colors such as white, brass or bronze.

CASE QTY	QUICK SHIP	ENERGY STAR	DEFAULT PART #	UPC	DESCRIPTION	WATTAGE	LUMENS	LPW	CCT (K)
1	●	●	RP-DRD-14N-14L-40K-WC-G2-A	844006040673	14IN DESIGNER DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
1	●	●	RP-DRD-14N-14L-40K-WC-G2-OC1-A	844006040680	14IN DESIGNER DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
1	●	●	RP-DRD-18N-14L-40K-WC-G2-A	844006040697	18IN DESIGNER DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
1	●	●	RP-DRD-18N-14L-40K-WC-G2-OC1-A	844006040703	18IN DESIGNER DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**

Default lumen package (wattage and CCT) are bold.

DRO - OUTDOOR DRUM 12"
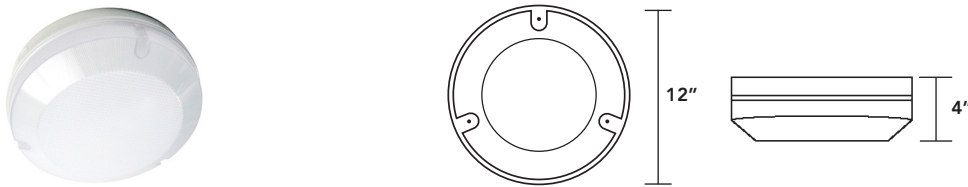
12"

4"

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

| CASE QTY	QUICK SHIP	ENERGY STAR	DEFAULT PART #	UPC	DESCRIPTION	WATTAGE	LUMENS	LPW	CCT (K)
1	●	●	RP-DRO-12N-14L-40K-WC-G2	844006015763	12IN OUTDOOR DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
1	●	●	RP-DRO-12N-14L-40K-WC-G2-OC1	844006019983	12IN OUTDOOR DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**

Default lumen package (wattage and CCT) are bold.

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# SURFACE MOUNT DRUM FIXTURES G2 LEDCR G2 LIGHT ENGINE

DRT - TOUGH DRUM 13"
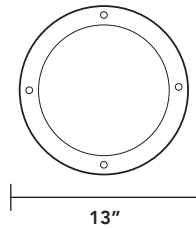
- Vandal resistant and watertight/wet-rated.
- Strong rigid lens made from high transmission, UV blocking polycarbonate.
- Thick metal, black painted base, trim rings and hardware.
- Available in 13in diameter. Contact us for custom paint colors such as white, brass or bronze.

3.75"

13"

CASE QTY	QUICK SHIP	ENERGY STAR	DEFAULT PART #	UPC	DESCRIPTION	WATTAGE	LUMENS	LPW	CCT (K)
1	●	●	RP-DRT-13N-14L-40K-WC-G2	844006015794	13IN TOUGH DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
1	●		RP-DRT-13N-14L-40K-WC-G2-OC1	844006010492	13IN TOUGH DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**

Default lumen package (wattage and CCT) are bold.

DRG - GLASS DRUM 15"
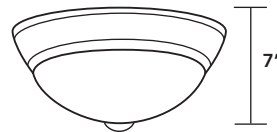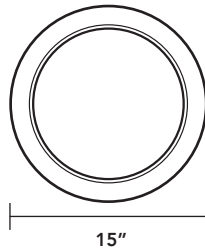
- Diffused glass lens.
- Brushed aluminum finished base and hardware.
- Available in 15in diameter. Contact us for custom paint colors such as white, brass or bronze.

7"

15"

CASE QTY	QUICK SHIP	ENERGY STAR	DEFAULT PART #	UPC	DESCRIPTION	WATTAGE	LUMENS	LPW	CCT (K)
1	●	●	RP-DRG-15N-14L-40K-WC-G2	844006010508	15IN GLASS DRUM	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**
1	●		RP-DRG-15N-14L-40K-WC-G2-OC1	844006010515	15IN GLASS DRUM WITH HIGH/LOW MOTION SENSOR	6/**10**/16/22	780-3124	130-142	3000/3500/**4000**

Default lumen package (wattage and CCT) are bold.

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flexWATT

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
LEDCR	6W (8L)	10W (14L)	16W (23L)	22W (31L)
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.

FLEXWATT™
TURN DIAL
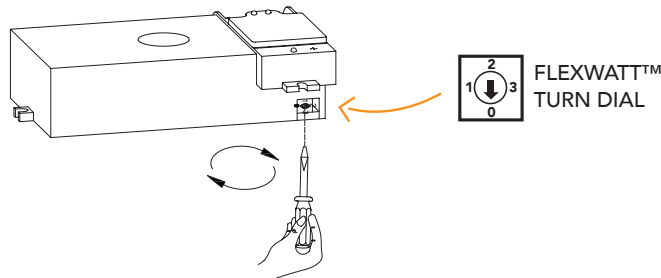
flexCOLOR

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.
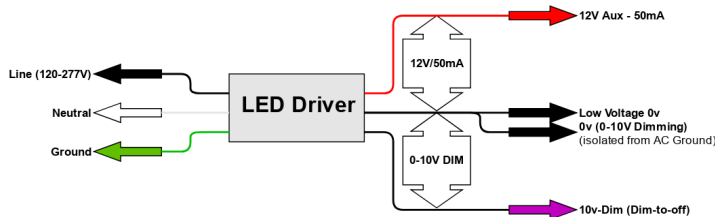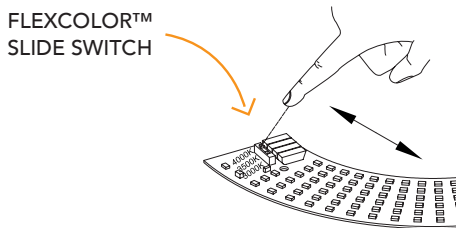
WHAT ARE THE COLOR CHOICES?

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

flexCONTROL

12v Aux - 50mA
10V DIM-to-OFF

Line (120-277V)
Neutral
Ground

LED Driver

12V Aux - 50mA
12V/50mA
Low Voltage 0v
0v (0-10V Dimming)
(isolated from AC Ground)
0-10V DIM
10v-Dim (Dim-to-off)

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SURFACE MOUNT DRUM FIXTURES G2 LEDCR G2 LIGHT ENGINE

CUT-OUT IN CENTER OF DRIVER ALLOWS FOR THREADED RODS

INCOMING POWER QUICK DISCONNECT LOCATED ON TOP OF CHASSIS FOR EASY AND SAFE WIRING.

MULTIPLE CHASSIS CUT-OUTS FOR FLEXIBLE WIRING OPTIONS

OPTIONAL INTEGRATED HIGH/LOW MOTION AND DAY-LIGHT SENSOR. COMPLETELY ADJUSTABLE AND HIDDEN BEHIND THE FIXTURE LENS

5KVA DRIVER HOUSING. MEETS UL1598C REGULATIONS

CURVED LED BOARDS CAN EXPAND TO FIT SMALL TO LARGE FIXTURES

KEYHOLE SLOTS AND MULTIPLE HOLES FOR FLEXIBLE MOUNTING OPTIONS

STRONG RARE EARTH MAGNETS FOR EASY INSTALLATION

CONTROL OPTIONS

CONTROL READY

DRIVER
10V DIM
12V POWER

All LEDCR/SR models come standard as factory enabled to add controls at the factory, in the field or at a later date. Driver comes with 10V dimming and 12V DC power wiring.

BASIC CONTROL

OCC SENSOR

Integrated high frequency, high/low motion and daylight sensor. Can be mounted behind glass or plastic lens. Purchase optional remote control to adjust settings.

ORDERING CODES
SENSOR = OCC / RC = HNSIII REMOTE

ADVANCED WIRELESS CONTROL

MAGNUM INNOVATIONS
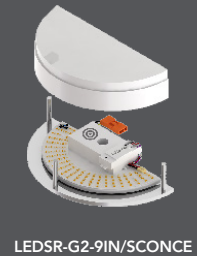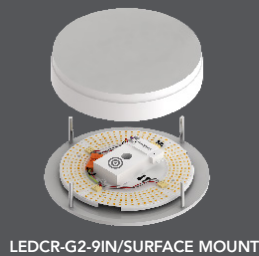Proudly Made In America

avi-on
Simple Bluetooth® Controls

PHILIPS

LUTRON

We partner with Magnum, avi-on, Philips, Lutron and other intelligent wireless lighting control systems. Allows for occupancy sensing, daylight harvesting, grouping, scheduling, high-end trim and more. Adjust settings via iPhone/Android apps. Contact us for

CONTACT US FOR ORDERING CODES

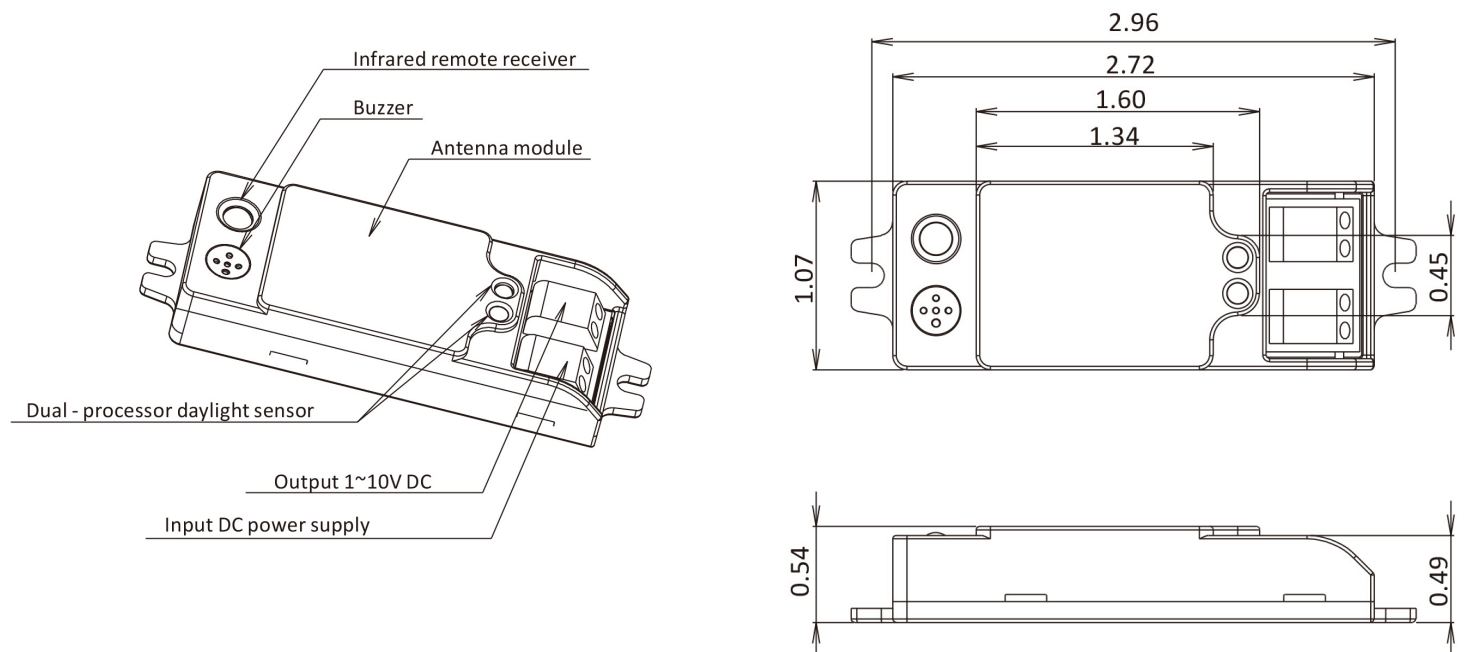## EASILY RETROFIT THESE FIXTURE STYLES, AND MORE!

LEDCR-G2-9IN/SURFACE MOUNT

LEDCR-G2-9IN/SURFACE MOUNT

LEDSR-G2-9IN/SCONCE

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SURFACE MOUNT DRUM FIXTURES G2 LEDCR G2 LIGHT ENGINE

-OCC Standard high/low motion sensor
        -Remote IR12

-OCCLR Limited range high/low motion sensor
        -Remote IR12

Infrared remote receiver

Buzzer

Antenna module

Dual - processor daylight sensor

Output 1~10V DC

Input DC power supply

2.96
2.72
1.60
1.34
1.07
0.45
0.54
0.49

- occupancy sensor w/ daylight hold-off
- powered by 12V DC LED driver from fixture - provided by the LED poer supply
- high frequency radar occupancy sensor
- infared remote control available (sold separately)
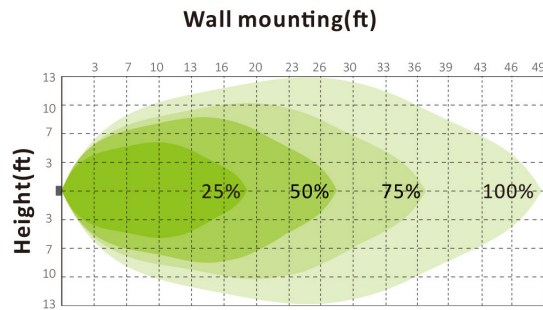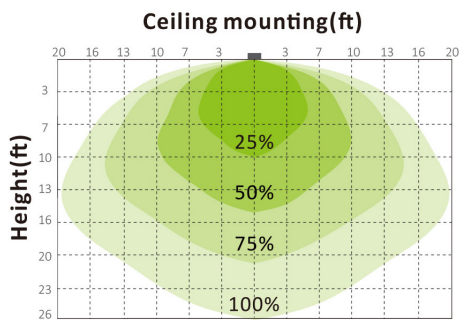- uses less than 0.1W in standby mode

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SURFACE MOUNT DRUM FIXTURES G2 LEDCR G2 LIGHT ENGINE

DETECTION PATTERN OCC (STANDARD OPTION)

Ceiling mounting(ft)

20 16 13 10 7 3 3 7 10 13 16 20

Height(ft): 3, 7, 10, 13, 16, 20, 23, 26

25%
50%
75%
100%

Wall mounting(ft)

3 7 10 13 16 20 23 26 30 33 36 39 43 46 49

Height(ft): 13, 10, 7, 3, 3, 7, 10, 13

25%   50%   75%   100%

DETECTION PATTERN OCCLR (LIMITED RANGE)

Ceiling mounting(ft)

7 5 3 2 2 3 5 7

Height(ft): 2, 3, 5, 7, 8, 10, 11, 13

25%
50%
75%
100%

Wall mounting(ft)

2 3 5 7 8 10 11 13 15 16

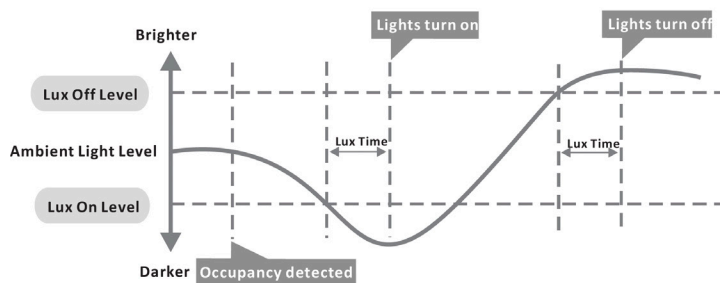Height(ft): 7, 5, 3, 2, 2, 3, 5, 7

25%   50%   75%   100%

DAYLIGHT MONITORING FUNCTION

This sensor can tell 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 then switch off automatically whenever the artificial light is not required (ambient light is bright enough).

Note: Lux-Off sampling time - 30s; Lux-On sampling time - 10s

Lux-On function will only opperate without motion when standby is set to + ∞.

Brighter

Lights turn on   Lights turn off

Lux Off Level

Ambient Light Level   Lux Time   Lux Time

Lux On Level

Darker Occupancy detected

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SENSOR OPTIONS: OCC / OCCLR

Permanent ON/OFF function

Press "POWER" button, sensor is disabled.

*press "Auto", "Reset" or "Ambient learn" to quit this mode.

Dim +/-

Press "Dim" button to automatically dim up or down the light brightness during hold-time from 10% to 100%. Another press to lock it down when desired brightness is achieved.

*after desired brightness is locked down, if user wants to dim again reversely, just press the "Dim" button again and then lock down the new brightness again.

Sensor mode

Press "Auto" button, the sensor starts to work and all settings remain the same as the latest status before the sensor was disabled.

Reset function

Press "Reset" button, all settings go back to factory default settings.

*Factory default settings--

Sensitivity=100%
Daylight sensor=disable
Hold time=5min
Twilight time=+∞
Twilight level=30%

Ambient learn

Press "Ambient learn" button, the latest surrounding lux value overwrites previous lux value learned, and set as the daylight threshold. This feature enables the fixture to function well in any real application circumstance.

Test mode

"Test mode" is for testing purpose only, for users to check the functionality and choose the desired detection range. The sensor goes to test mode automatically after pressing this button.

Users can quit this mode by pressing "ON/OFF", "Reset", or any button of "Hold time". The sensor settings are changed accordingly.

*Test mode defaulted settings--
Daylight sensor=disable
Hold time=3s
Twilight time=N/A
Twilight level=N/A

IR12

		IR12		
⏻	Dim	Auto	Reset	

Sensitivity

100%	75%	50%	25%

2lux	10lux	25lux	Ambient learn

Daylight sensor

50lux	100lux	300lux	Disable

Test 3s	30s	10s	5min

| **Hold time** | | **Twilight time** | |

90s	5min	10min	30min

10min	30min	1h	+∞

Twilight level

0%	10%	30%	50%

Note:

● The buzzer short beeps(~0.5s) ONCE when sensor successfully receives RC signal after pressing any buttons except for "Ambient learn".

● The buzzer short beeps(~0.5s) TWICE to start learning ambient lux after pressing "Ambient learn" Then followed by a long beep(~1s) to indicate the success of ambient learning.

● When "twilight level" set at 0%, it becomes ON/OFF control.
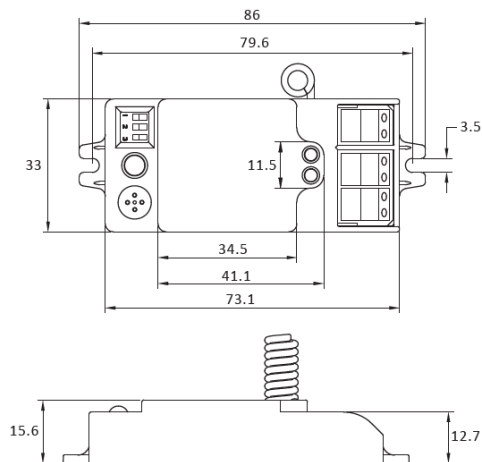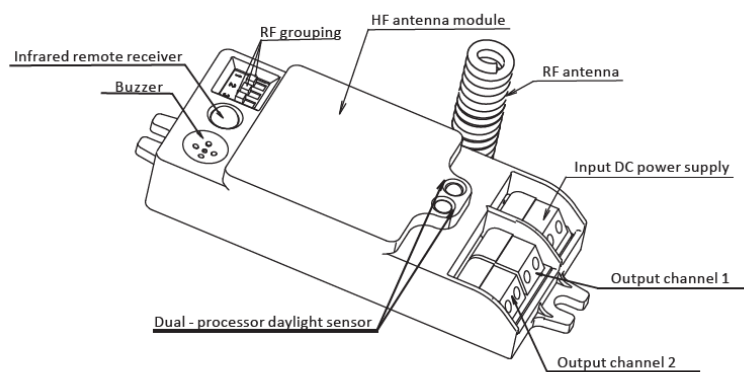
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SENSOR OPTIONS: OCCRF (SIMPLE GROUPING SENSOR)

-OCCRF Simple grouping high/low motion sensor
- Remote IR13

- simple grouping motion sensor w/ daylight hold-off
- powered by 12V DC - provided by the LED power supply
- max 150 ft grouping range
- ideal for stairways, parking garages and hallways
- grouping by remote or dip switch (infared remote control sold separately)
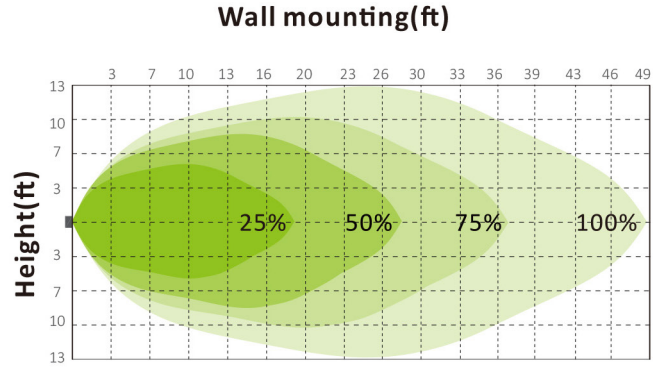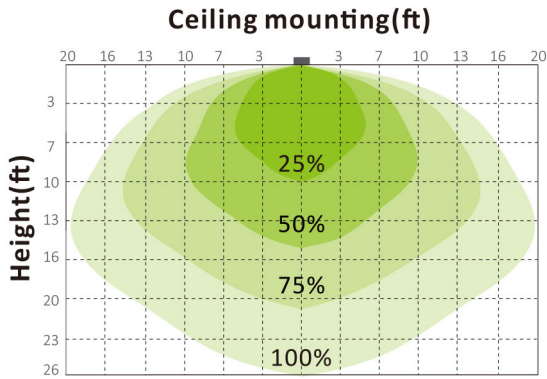- uses less than 0.1W in standby mode

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SURFACE MOUNT DRUM FIXTURES G2 LEDCR G2 LIGHT ENGINE

DETECTION PATTERN OCCRF

Ceiling mounting(ft)
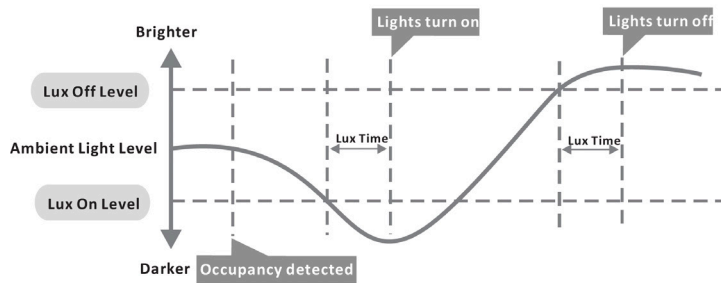

Wall mounting(ft)

DAYLIGHT MONITORING FUNCTION

This sensor can tell 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 then switch off automatically whenever the artificial light is not required (ambient light is bright enough).

Note: Lux-Off sampling time - 30s; Lux-On sampling time - 10s

Lux-On function will only opperate without motion when standby is set to + ∞.

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SENSOR OPTION: OCCRF (SIMPLE GROUPING SENSOR)

OCC OFF function

Press "OCC OFF" button, the motion sensor will be disabled.

*press "OCC ON" , "Reset" or "Ambient" to re-activate the motion sensor.

Dim

Press "Dim" button to automatically dim up or down the light brightness during hold-time from 10% to 100%. Another press to lock it down when desired brightness is achieved.

*After desired brightness is locked down, if user wants to dim again reversely, just press the "Dim" button again and then lock down the new brightness again.

OCC ON function

Press "OCC ON" button, the sensor starts to work and all settings remain the same as the latest status before the light was switched on / off.

Reset function

Press "Reset" button, all sensor settings go back to factory default settings.

* Factory default setting:

Sensitivity=100%
Daylight sensor=disable
Hold time=90s
Twilight time=5min
Twilight level=10%
CCT=Neutral

Ambient learn

Press "Ambient learn" button, the latest surrounding lux value overwrites previous lux value learned, and set as the daylight threshold. This feature enables the fixture to function well in any real application circumstance.

Test mode

"Test mode"is for testing purpose only, for users to check the functionality and choose the desired detection range. The sensor goes to test mode automatically after pressing this button.

Users can quit this mode by pressing "ON/OFF", "Reset", or any button of "Hold time". The sensor settings are changed accordingly.

*
Test mode defaulted settings--
Daylight sensor=disable
Hold time=3s
Twilight time=N/A
Twilight level=N/A

In this mode, when used for on/off control, after motion detected, sensor enters into a cycle of 3s on and 2s off.

In this mode, when used for tri-level dimming control, after motion detected, sensor enters into a cycle of 3s on and 2s off (0.5s soft off + 1.5s off).

IR13

| OCC OFF | Dim | OCC ON | Reset |

CCT Adjust settings not used for this sensor model

Sensitivity▼ / **CCT Adjust▼**

100% | Cool | ◄Neutral► | Warm

RF Grouping▼

50% | Learn | Erase | Send

Time Dim ▼ / **Daylight sensor ▼**

Test 3s | 30s | 2lux | 10lux
90s | 5min | 25lux | 50lux
10min | 30min | Disable | Ambient learn

Time off ▼

10s | 5min | 30min | +∞

Dim Level ▼

0% | 10% | 30% | 50%

Note:

● The buzzer short beeps (~0.5s) ONCE when sensor successfully receives RC signal after pressing any buttons except for"Ambient learn".

● The buzzer short beeps (~0.5s) TWICE to start learning ambient lux after pressing "Ambient learn" Then followed by a long beep (~1s) to indicate the success of ambient learning.

● When"twilight level"set at 0%, it becomes ON/OFF control.

● Function zone of "CCT Adjust" is invalid for this model.

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SENSOR OPTION: OCCRF (SIMPLE GROUPING SENSOR)

RF Grouping (via remote control)

Learn — Short press "Learn" button to the receiver unit to start grouping mode, the receiver unit will beep quickly (every second for 3min). This grouping mode will last for 3min, second short press on it will quit the grouping mode.

Send — Short press "Send" button to the commander unit, it will beep once to start a 5s RF signal sending, and then beep twice to indicate finish of it. After receiving the RF signal, the receiver unit will beep 1s to indicate the success of grouping.

Erase — Long press "Erase" button for 5s to the sensor unit, it will long beep once, to indicate the success of erasing.

Note:

1. If you want the sensor to work as both commander and receiver , you need to repeat the "learn" and "send" process again with the identification exchanged.

2. Each receiver can learn up to max. 32 commanders, commanders added beyond 32pcs will automatically substitute earlier ones.

3. Before using the remote control for grouping, you have to position the grouping DIP switch at OFF - OFF - OFF. (default from factory)

Steps for grouping with remote control:

Step 1: Press"Learn" button on sensor A

⬇

Step 2: Press"Send" button on sensor B   ➡   Step 3: Press"Learn" button on sensor B

Step 4: Press"Send" button on sensor A

⬆

Fast RF Grouping (via DIP switch)

By simply selecting the same channel on each sensor unit, the grouping is quickly and automatically completed. Totally 7 channels are available for fast grouping.

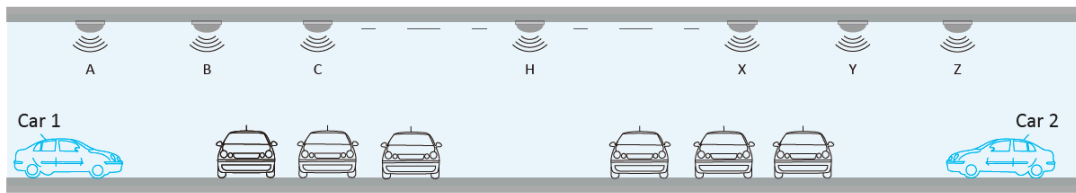*Channel OFF - OFF - OFF is not for fast grouping, it is for remote control grouping only.

Light Efficient Design

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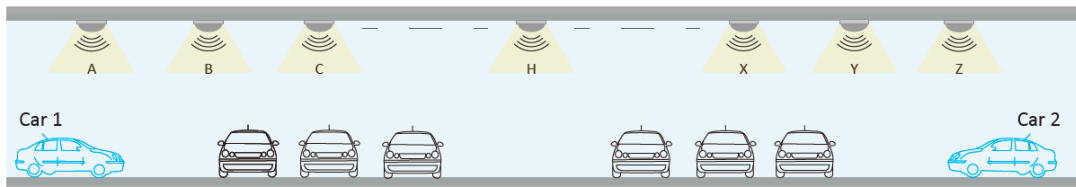
## ILLUSTRATION FOR TYPICAL PARKING GARAGE APPLICATION

With sufficient daylight, sensor will not be triggered by motion, all lamps are off.
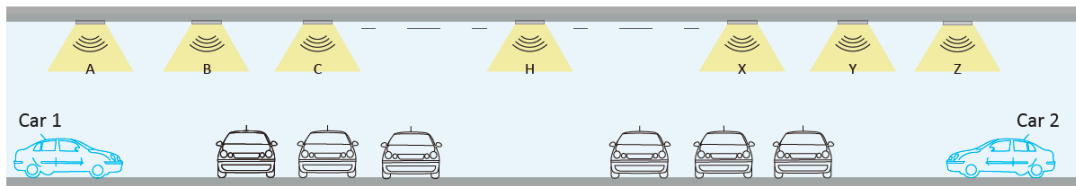

With insufficient natural light, either car 1 or car 2 enters the garage, sensor A or Z will be triggered on, and send RF signal simultaneously to all grouped sensors, all lamps will be 100% ON.

After the hold-time, the whole grouped lamps will dim to pre-defined dimming level (e.g., 10%) if no further movement detected.
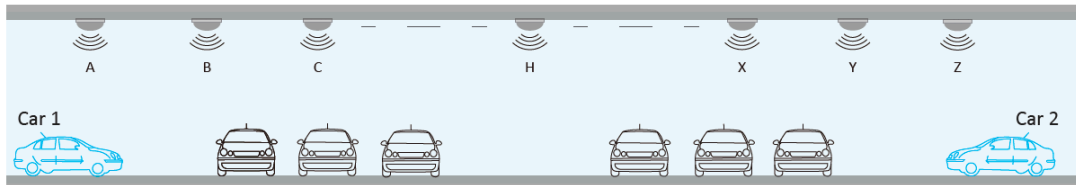
The whole grouped lamps will switch off automatically after the stand-by period if no further movement detected.
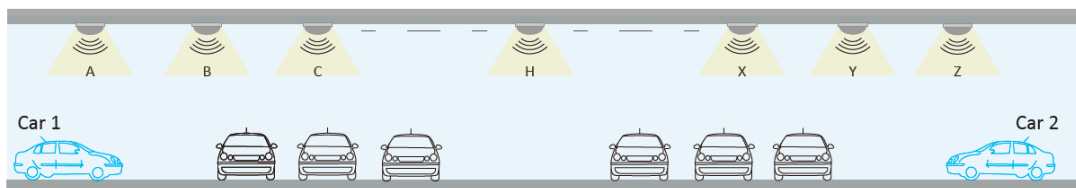
Thanks to the daylight monitoring function, even no movement detected, the sensor will automatically switch on the lamp to pre-defined stand-by dimming level (e.g., 10%), as long as the natural light is below pre-defined lux threshold. (to achieve this unique function stand-by period of the sensor has to be set at $+\infty$).

*Note:

1. The RF transmission is a triggering signal only to activate the grouped sensors, each sensor will act based on their own settings.

2. Thanks to the Dual-processor technology, the built-in daylight sensor will shut off the lamp in real time regardless of any movements as long as the detected natural light is higher than pre-defined lux threshold.

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