

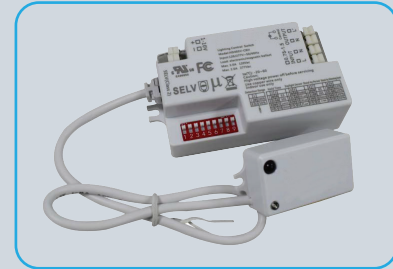
## LED SURFACE MOUNT

### DOUBLE RING - CHROME DEEP COLLAR EMERGENCY + BI-LEVEL MOTION SENSOR

12", 14", 16"



12"



LR25190 - MOTION SENSOR

14"



LR35120 - EM LED DRIVER

16"



#### EMERGENCY + MOTION SENSOR OPTION ALSO AVAILABLE

- |           |               |            |
|-----------|---------------|------------|
| LR23286-R | LR23286+EM+MS | LR23286+MS |
| LR23287-R | LR23287+EM+MS | LR23287+MS |
| LR23288-R | LR23288+EM+MS | LR23288+MS |



#### COLOR SELECTABLE

- 2700K 3000K 3500K 4000K 5000K

DIMMABLE

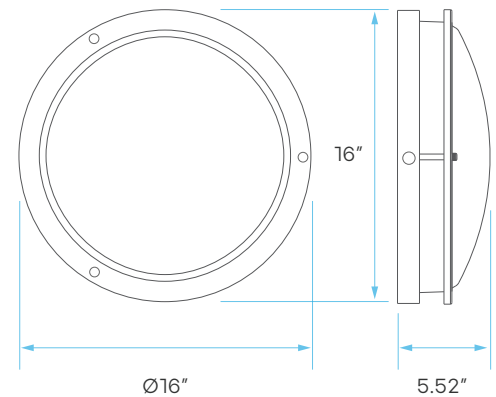
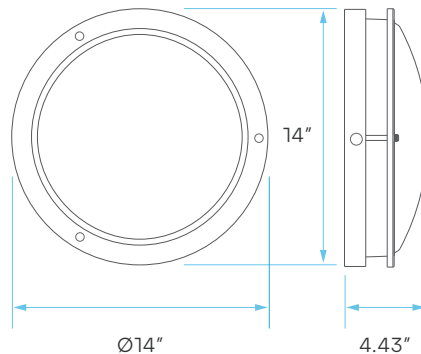
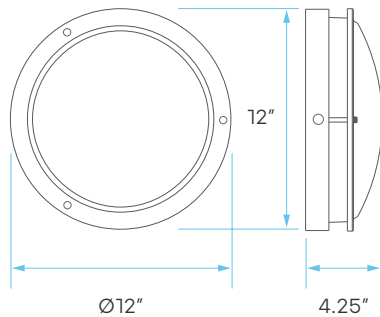
0-10V



\*OPTION AVAILABLE



\*OPTION AVAILABLE



## ELECTRICAL

	MODEL	DESCRIPTION	POWER	EMERGENCY TIME	EFFICACY	LIFETIME	COST/YR	EMERGENCY TIME	MOTION SENSOR
12"	LR23286	LED12"FLUSH/CHROME/5CCT/UNV/DC	14	120-277V	77	50,000	\$ 2.17		
	LR23286-R	LED12"FLUSH/CHROME/5CCT+EM	14	120-277V	77	50,000	\$ 2.17	90 MINS	
	LR23286+MS	LED12"FLUSH/CHROME/5CCT+MS	14	120-277V	77	50,000	\$ 2.17		BI-LEVEL
	LR23286+EM+MS	LED12"FLUSH/CHROME/5CCT+EM+MS	14	120-277V	77	50,000	\$ 2.17	90 MINS	BI-LEVEL
14"	LR23287	LED14"FLUSH/CHROME/5CCT/UNV/DC	18	120-277V	75	50,000	\$ 2.65		
	LR23287-R	LED14"FLUSH/CHROME/5CCT+EM	18	120-277V	75	50,000	\$ 2.65	90 MINS	
	LR23287+MS	LED14"FLUSH/CHROME/5CCT+MS	18	120-277V	75	50,000	\$ 2.65		BI-LEVEL
	LR23287+EM+MS	LED14"FLUSH/CHROME/5CCT+EM+MS	18	120-277V	75	50,000	\$ 2.65	90 MINS	BI-LEVEL
16"	LR23288	LED16"FLUSH/CHROME/5CCT/UNV/DC	24	120-277V	75	50,000	\$ 3.13		
	LR23288-R	LED16"FLUSH/CHROME/5CCT+EM	24	120-277V	75	50,000	\$ 3.13	90 MINS	
	LR23288+MS	LED16"FLUSH/CHROME/5CCT+MS	24	120-277V	75	50,000	\$ 3.13		BI-LEVEL
	LR23288+EM+MS	LED16"FLUSH/CHROME/5CCT+EM+MS	24	120-277V	75	50,000	\$ 3.13	90 MINS	BI-LEVEL

## PHOTOMETRIC

MODEL	DESCRIPTION	COLOR (CCT)	TEMP	LUMEN	FLOOD	CRI	ETL
LR23286	LED12"FLUSH/CHROME/5CCT/UNV/DC	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1120	120°	80	YES
LR23286-R	LED12"FLUSH/CHROME/5CCT+EM	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1120	120°	80	YES
LR23286+MS	LED12"FLUSH/CHROME/5CCT+MS	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1120	120°	80	YES
LR23286+EM+MS	LED12"FLUSH/CHROME/5CCT+EM+MS	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1120	120°	80	YES
LR23287	LED14"FLUSH/CHROME/5CCT/UNV/DC	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1440	120°	80	YES
LR23287-R	LED14"FLUSH/CHROME/5CCT+EM	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1440	120°	80	YES
LR23287+MS	LED14"FLUSH/CHROME/5CCT+MS	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1440	120°	80	YES
LR23287+EM+MS	LED14"FLUSH/CHROME/5CCT+EM+MS	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1440	120°	80	YES
LR23288	LED16"FLUSH/CHROME/5CCT/UNV/DC	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1920	120°	80	YES
LR23288-R	LED16"FLUSH/CHROME/5CCT+EM	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1920	120°	80	YES
LR23288+MS	LED16"FLUSH/CHROME/5CCT+MS	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1920	120°	80	YES
LR23288+EM+MS	LED16"FLUSH/CHROME/5CCT+EM+MS	2700K/3000K/3500K/4000K/5000K	CCT SELECT	1920	120°	80	YES

COMPATIBLE WITH:

**LR35120  
LR35121**  
Emergency LED Driver



**LR25190**  
BI-LEVEL MOTION SENSOR



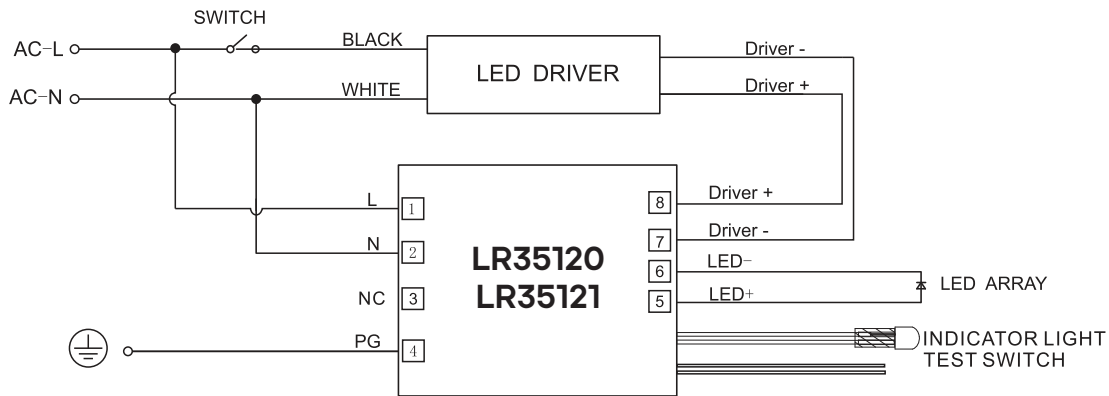


## LR35120, LR35121 - SPECIFICATIONS

MODEL	DESCRIPTION	EM POWER	INPUT VOLTS	FREQUENCY	INPUT CURRENT	INPUT POWER	OUTPUT VOLTAGE	RECHARGE TIME	EMERGENCY TIME
LR35120	LED/EMR/8W/DC	8	100-277V	50/60Hz	100mA	7W max	25-48VDC	24Hr	90min
LR35121	LED/EMR/15W/DC	15	100-277V	50/60Hz	100mA	7W max	25-48VDC	24Hr	90min

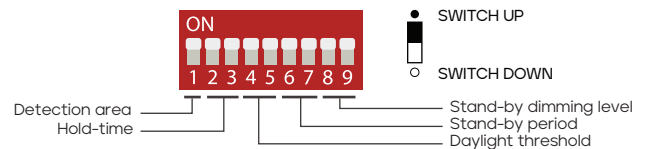
AMBIENT TEMPERATURE: 32°F ~ 104°F

## LR35120, LR35121 - WIRING DIAGRAM



## LR25190 - BI-LEVEL MOTION SENSOR SETTINGS

Operating voltage	120-277VAC, 50Hz/60Hz
Switching capacity	Max, 3.0A@120Vac, 50/60Hz; Max, 2.0A@277Vac, 50/60Hz
Stand-by power	≤1W
Control method	On/off / 1-10V Dimming Remote Control
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Detection area	50%/100%
Hold time	5s/30s/1min/10min
Daylight threshold	2Lux/10Lux/50Lux/Disable
Stand-by period	0s/30s/20min/+∞
Stand-by dimming level	10%/20%/30%/50%
Mounting height	8-15m / 26.25-49.2ft
Detection range	Max. ∅14m/45.93ft
Motion detection	0.5-1.5m/s
Operating temperature	-30°C ~ +70°C
IP rating	IP20
Warranty	5 years



●	100%
○	50%

### DETECTION AREA

In this area, movement will be detected and able to trigger the sensor. 100% detection area is also known as the strong sensitivity.

● ●	5s
○ ●	30s
● ○	1min
○ ○	10min

### HOLD-TIME

The period of light keeping 100% brightness after moving objects leave the detection area.

● ●	Disable
○ ●	50Lux
● ○	10Lux
○ ○	2Lux

### DAYLIGHT TRESHOLD

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

● ●	0s
○ ●	30s
● ○	20min
○ ○	+∞

### STAND-BY PERIOD

The period of light keeping low output before it's completely switched off. When it's preset as "+∞", the light always keep at low output if no movement in the detection area and doesn't turn off.

● ●	10%
○ ●	20%
● ○	30%
○ ○	50%

### STAND-BY DIMMING LEVEL

The definition of low output in the standby period.