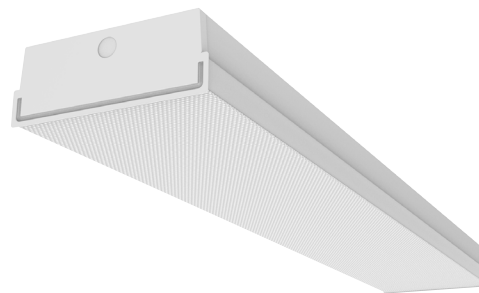


DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

tradeSELECT®



FEATURES

- Switchable Lumen Technology, 4400/4850/5300 lumens
- Switchable CCT, 3000K/3500K/4000K/5000K
- Field Installable behind-the-lens microwave sensor accessory
- Wide range of applications
- 80+ CRI
- 0-10V Dimming to 10%
- Ceiling or Wall Mounting
- Universal Voltage (120-347V)



SERVICE PROGRAMS

STOCK

Typical Dimensions and Weights				
Sizes	Length Inches (mm)	Width Inches (mm)	Height Inches (mm)	Weight lbs (kg)
4ft	48.03 (1220.0)	9.0 (228.6)	3.54 (90.0)	6.10 (2.80)

SPECIFICATIONS

OPTICS

- Frosted acrylic lens

INSTALLATION

- Fully assembled for quick installation

ELECTRICAL

- 54,000 hour LEDs at L70 for reduced maintenance

CERTIFICATIONS

- All luminaires are built to UL1598 standards and bear appropriate ETL labels
- Damp location label standard
- DLC® (DesignLights Consortium Qualified)
Please refer to the DLC website for specific product qualifications, www.designlights.org.

WARRANTY

- 5 year warranty

ORDERING GUIDE

Catalog No.	UPC	Description	Setting	Lumens				Watts	LPW			
				3000K	3500K	4000K	5000K		3000K	3500K	4000K	5000K
☐ CWP4-B-LSCS	840141439440	4' LED Wrap, 4400/ 4850 /5300 Switchable Lumens, 3000K/3500K/ 4000K /5000K Switchable CCT, 0-10V Dimming, 120-347V	LOW	4797	4973	5069	5106	32.5	148	153	156	157
			MED	5209	5401	5505	5545	36	145	150	153	154
			HIGH	5650	5858	5971	6014	41	138	143	146	147

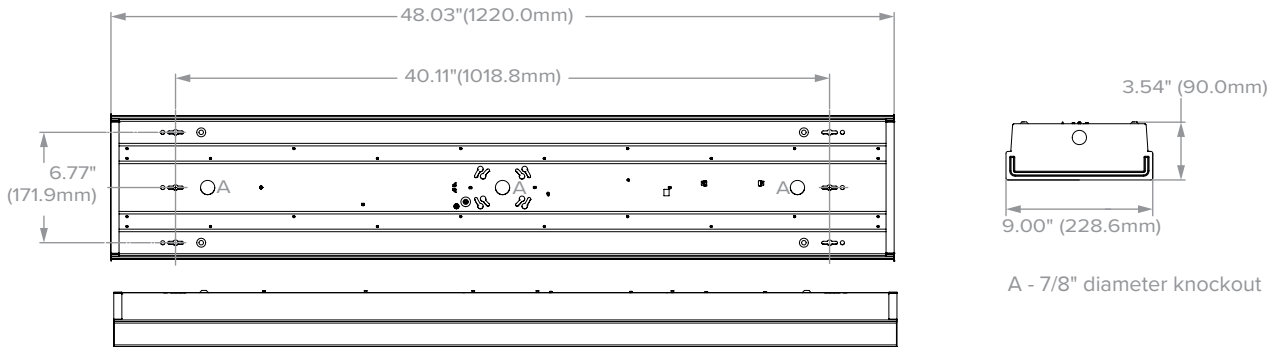
Bold indicates default settings

Accessories (Order Separately)

- ☐ MSKIT Field Installable Microwave Sensor Kit

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DIMENSIONS

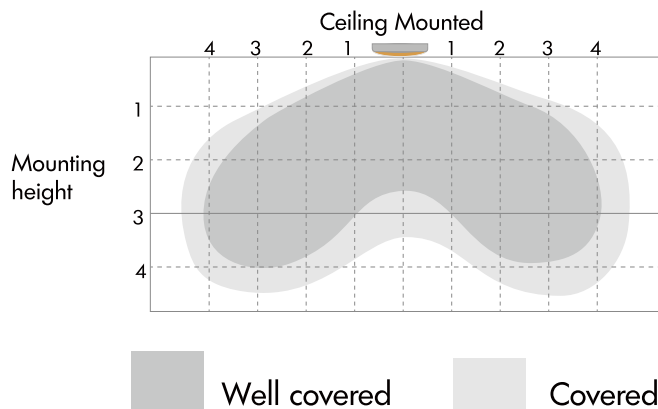


SENSOR TECHNICAL DATA

Sensor Parameters	Microwave Frequency	5.8Hz ± 75MHz
	Microwave Power	<0.3mW
		DIP Switch
	Detection Area	50%/100%
	Hold Time	10s/1min/5min/10min
	Daylight Threshold	10lux/30Lux/50Lux/Disable
	Stand-by Period	1min/ 30min/ 60min/+∞
	Stand-by Dimming Level	10% 20% 30% 50% 100%
	Mounting Height	Max. 4m (ceiling mounted)
	Detection Range	Diameter 10* 4m (Max)
	Motion Detection	0.5~+ 1m/s
	Detection Range	150° (Wall Mounted) 360° (Ceiling Mounted)
Others	Input Range	12VDC
	Voltage Range	10-15VDC
	Current	≤30mA
	Signal	DIM 0-10V
	Connection	12VDC input/ Black&White wire; DIM+/ Purple wire; DIM-/ Pink wire
Note	- The result is based on 1.65M/60kg medium-size man walking toward sensor with speed of 0.8m/s in a vacant room. The sensor is hanging at 3M height. - It may have different performance if the test is delivered by different people, with different speed, at different height or in different conditions.	

SENSOR COVERAGE

This figure indicates maximum distance at the highest mounting height with 100% sensitivity



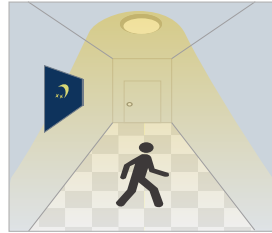
SENSOR FUNCTIONALITY

1. AUTOMATICALLY ON/OFF FUNCTION

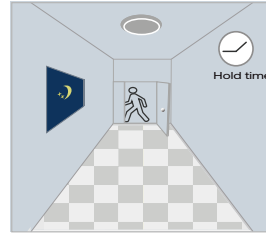
Light comes on when the sensor detects movement and off after people leave at night.
Applications: Corridors and staircases.



With sufficient daylight, even when motion is detected, light remains OFF.



With insufficient daylight, when motion is detected, light turns ON.



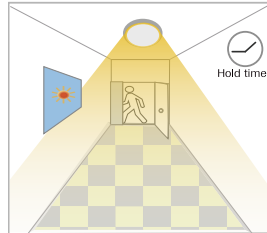
After the last detection and the present hold time is elapsed, light turns OFF.

2. NO DAYLIGHT FUNCTION

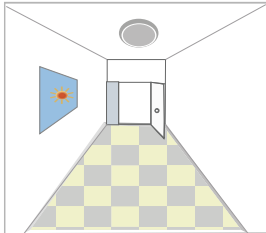
The daylight threshold is set to "Disable"
Light comes on when it detects movement. After people leave, light goes off after a stand-by period.
Applications: Dim places such as basement parking or an underpass.



When motion is detected, the sensor will switch on the light to 100% brightness

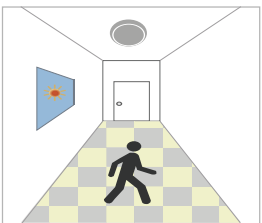


After people leave the detection area, light remains at 100% brightness within the hold time.



After the last detection and the present hold time is elapsed, light turns OFF.

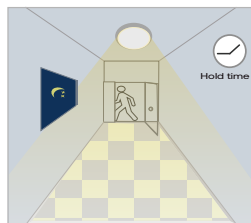
3. FUNCTION DEMO - DIMMABLE CONTROL/CORRIDOR FUNCTION



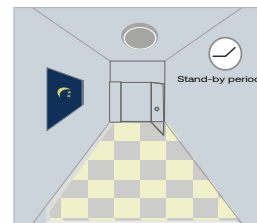
With sufficient daylight, even when motion is detected, light remains OFF.



With insufficient daylight, when motion is detected, light turns ON.



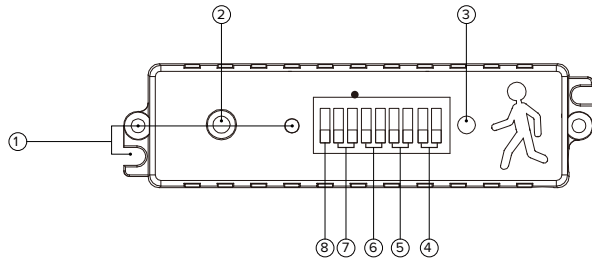
After the last detection, the light will be dimmed down to the stand-by level (10%, 20%, 30% or 50%) after hold time.



After the stand-by period, light turns OFF

SENSOR FUNCTIONALITY CONTINUED

Mechanical Structure



DIP Switch Setting



● Switch UP
○ Switch DOWN

Factory Default Setting: All switches UP as shown

Stand-by dimming level

●	●	10%
●	○	20%
○	●	30%
○	○	50%

The definition of low output in the standby period.

Stand-by period

●	●	0s
●	○	30s
○	●	20min
○	○	+ ∞

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

Daylight Threshold

●	●	Disable
●	○	50lux
○	●	10lux
○	○	2lux

Definition of the ambient brightness; only when the ambient brightness is lower than preset specific lux amount, the sensor will work; when its preset as "disable", the sensor works every time it detects motion regardless of the ambient brightness

Hold-Time

●	●	5s
●	○	30s
○	●	1min
○	○	10min

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

Detection Area

●	100%
○	50%

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