

# LED FIXTURE

## DL Series

# LED Connect Strip

## DL-CS/MS

Linear 4' LED strip light, built-in Microwave Sensor



## Features & Benefits

CUL listed

Familiar surface strip design in 4' length, low profile

Integral-LED luminaire (no lamps required), LED Driver PF>0.9

Strips are linkable either with connector supplied or by optional connecting cables

15 pcs maximum @ 40W per fixture

L70 @ 50,000 HRS

White metal housing construction, PC Opal Lens

Microwave sensor for on-off applications

Damp location rated

## Dimensional Drawing



	L	W	H
4F2L	48"	3.54"	2.36"

## Warranty

5-year limited warranty in commercial use from the date of purchase

Operating temperature range between -20°C and +40°C

## Applications

Utility Rooms, Corridors, Work Shops, Garage, Stock Rooms etc.

## Ordering Information

Example: DL-CS/4F2L/40W/40/MS

Family Name	Fixture Type	Size	Wattage	CCT	Microwave Sensor	Options
DL (Deltalum)	CS (Connect Strip)	4F2L (4', 2 lamp)	40W	40 (4000K)	MS (Microwave Sensor on-off)	Connecting Cable order separately

## Product Specification

Model Number	Wattage (W)	Input Voltage (V)	Hour Rating	Beam Angle	Initial Delivered Lumens (lumen)	CCT (K)	CRI	Damp Location	M.O.L (inch)	Case QTY.
DL-CS/4F2L/40W/40/MS	40	120-277V	50,000	120°	4,200	4000K	>80	Yes	48	6
DL-CS/1F/CC3/WH	1' CONNECTING CABLE, WHITE									
DL-CS/2F/CC3/WH	2' CONNECTING CABLE, WHITE									
DL-CS/4F/CC3/WH	4' CONNECTING CABLE, WHITE									

### Connector Images



### Caution:

Electrical shock hazard possible when using interconnecting systems (cables or supplied 5 pin connector). As with all electrical devices, power must be off (electrical breaker) before removing and installing 5 pin port cover and connecting next linkable "Connect Strip" or "Connecting Cable". Refer to installation manual when installing.

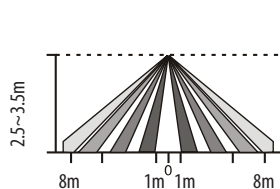
### Microwave Sensor Image



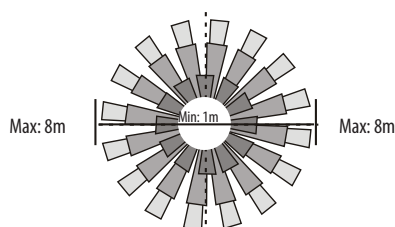
# LED Connect Strip

## DL-CS/MS

### Sensor Information



Height of installation 2.5~3.5m

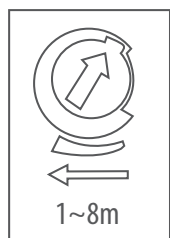


Detection range Min: 1m, Max: 8m  
Detection angle 360°

#### UTILIZING FIELD AND INTRODUCTION

The sensor is a moving object sensor that can detect range of 360° and its working frequency is 5.8GHz. The advantage of this product is stable working state (stable working temperature: -15°C~+70°C), The sensor adopts a microwave sensor (high-frequency output < 0.2mW), so that it is safe and performs better than infrared sensor.

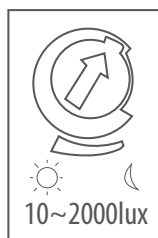
If you want the sensor to detect small zone, you can just adjust the sense knob SENS to the range that you need (You may need to adjust sometimes until you think it is suitable). If you want that the light can be turned on when the circumstance luminance is under some value, you can just adjust the knob LUX (The working luminance knob) to select the luminance value (You may need to adjust some times until you think it is suitable).



Detection Range



Time



Light Control

#### Detection range setting (sensitivity)

Detection range is the term used to describe the radii of the more or less circular detection zone produced on the ground after mounting the sensor light at a height of 2.5m, turn the detection control fully anticlockwise to select minimum detection range (approx. 1m radii), and fully clockwise to select maximum detection range (approx. 8m radii).

**Note:** the above detection range is gained if the detected person is between 1.6m-1.7m tall with middle figure and moves at a speed of 1.0-1.5m/sec. If person's stature, figure and moving speed change, the detection distance will also change.

In different cases, the sensitivity of the lights has certain deviation.

**ATTENTION:** When use this product, please adjust the sensitivity to an appropriate position you need, please do not adjust the sensitivity to maximum, in case the product works abnormally because of wrong motion detection, including blowing leaves & curtains, small animals, or even power grid & electrical equipment. All the above factors can lead to abnormal work. When the product does not work normally, please try to lower the sensitivity appropriately, and then test it.

#### Time setting

The light can be set to stay ON for any period of time between approx. 10sec (dial turned fully anti-clockwise) and a maximum of 30min (dial turned fully clockwise). Any movement detected during the "on" time will reset the timer. The LED indicator will flash when adjusting the time setting dial. The number of flashes means the following:

1 flash = 10sec, 2 flashes = 1 min, 3 flashes = 2 min, 4 flashes = 5 min, 5 flashes = 8 min, 6 flashes = 10 min, 7 flashes = 15 min, 8 flashes = 20 min, 9 flashes = 25 min, 10 flashes = 30 min.

**Note:** after the light switches OFF, it takes approx. 4sec before it is able to start detecting movement again. The light will only switch on in response to movement once this period has elapsed.

#### Light-control setting

The chosen light response threshold can be infinitely from approx. 10-2000lux. Turn it fully anti-clockwise to select dusk to-dawn operation at about 10lux. Turn it fully clockwise to select daylight operation at about 2000lux. The knob must be turned fully clockwise when adjusting the detection zone and performing the walk test in daylight.

**Note:** please don't adjust the three functional buttons to excess. That is because the three functional buttons were connected to the components directly, there is a small stopper in each of the three components, when you adjust the buttons from start to end, the excessive turn will damage the stopper, and lead to the 360° non-stop turn around. The adjust range limit is 270°, please do pay attention to this.