LED FIXTURE

DL Series

TUROLIGHT®

LED Connect Strip
DL-CS

Linear 2' or 4' LED strip light
Built-in microwave sensor (4' optional)

cUL LISTED   FC   RoHS COMPLIANT

5-year limited warranty

Operating temperature range -20˚C ~ +40˚C

4F2L/ MS

4F2L

2F1L
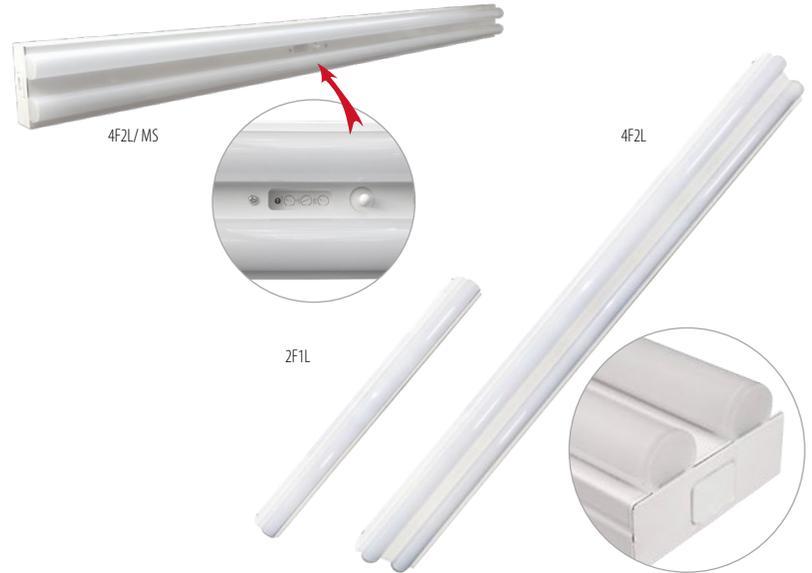
Features & Benefits

cUL listed, DLC rated

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 @ 40W, 25 pcs @ 20W or 30 pcs @ 10W

White metal housing construction, PC opal lens

L70 @ 50,000 hrs

Damp location rated

Dimensional Drawing

	L	W	H
2F1L	24"	1.77"	2.36"
2F2L	24"	3.54"	2.36"
4F1L	48"	1.77"	2.36"
4F2L	48"	3.54"	2.36"
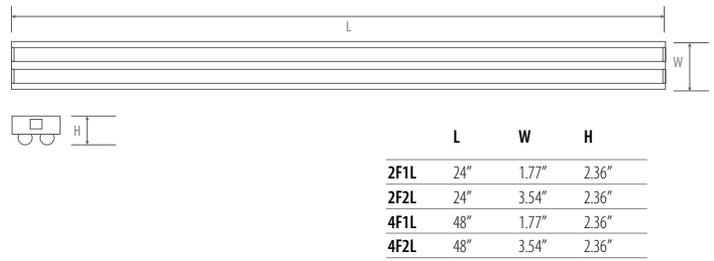
Ordering Information   Example: DL-CS/2F1L/10W/30/120-347V/D

| Family Name	Fixture Type	Size	Wattage	CCT	Voltage	Dimmable	Sensor	Option
DL (Deltalum)	CS (Connect strip)	2F1L (2', 1 lamp) 2F2L (2', 2 lamps) 4F1L (4', 1 lamp) 4F2L (4', 2 lamps)	10W 20W 40W	30 (3000K) 40 (4000K) 50 (5000K)	120-347V Blank (120-277V)	D (0-10V dimmable) Blank (Non-dimmable)	MS (Microwave sensor on-off)	Connecting cable order seperately

Product Specification

Ordering Code	Model Number	Wattage (W)	Input Voltage (V)	Hour Rating (L70)	Beam Angle	Initial Delivered Lumens (lumen)	CCT (K)	CRI	Damp Location	M.O.L (inch)	Case QTY.
3662218	DL-CS/2F1L/10W/30/120-347V/D	10	120-347V	50,000	120	1100	3000	>80	Yes	24	6
3662219	DL-CS/2F1L/10W/40/120-347V/D	10	120-347V	50,000	120	1127	4000	>80	Yes	24	6
3662220	DL-CS/2F1L/10W/50/120-347V/D	10	120-347V	50,000	120	1173	5000	>80	Yes	24	6
3663202	DL-CS/4F1L/20W/30/120-347V/D	20	120-347V	50,000	120	2200	3000	>80	Yes	48	6
3663203	DL-CS/4F1L/20W/40/120-347V/D	20	120-347V	50,000	120	2289	4000	>80	Yes	48	6
3663204	DL-CS/4F1L/20W/50/120-347V/D	20	120-347V	50,000	120	2381	5000	>80	Yes	48	6
3663205	DL-CS/2F2L/20W/30/120-347V/D	20	120-347V	50,000	120	2200	3000	>80	Yes	24	6
3663206	DL-CS/2F2L/20W/40/120-347V/D	20	120-347V	50,000	120	2279	4000	>80	Yes	24	6
3663207	DL-CS/2F2L/20W/50/120-347V/D	20	120-347V	50,000	120	2335	5000	>80	Yes	24	6
3665222	DL-CS/4F2L/40W/30/120-347V/D	40	120-347V	50,000	120	4271	3000	>80	Yes	48	6
3665223	DL-CS/4F2L/40W/40/120-347V/D	40	120-347V	50,000	120	4517	4000	>80	Yes	48	6
3665224	DL-CS/4F2L/40W/50/120-347V/D	40	120-347V	50,000	120	4763	5000	>80	Yes	48	6
3665130	DL-CS/4F2L/40W/40/MS	40	120-277V	50,000	120	4200	4000	>80	Yes	48	6
3665131	DL-CS/4F2L/40W/50/MS	40	120-277V	50,000	120	4400	5000	>80	Yes	48	6
3660011	DL-CS/1F/CC/WH	1' Connecting 5 PIN wire cable, white									
3660012	DL-CS/2F/CC/WH	2' Connecting 5 PIN wire cable, white									
3660013	DL-CS/4F/CC/WH	4' Connecting 5 PIN wire cable, white									
3660047	DL-CS/1F/CC3/WH	1' Connecting 3 PIN wire cable, white									
3660048	DL-CS/2F/CC3/WH	2' Connecting 3 PIN wire cable, white									
3660049	DL-CS/4F/CC3/WH	4' Connecting 3 PIN wire cable, white									

Caution:
Electrical shock hazard possible when using interconnecting systems (cables or supplied 3/ 5 pin connector). As with all electrical devices, power must be off (electrical breaker) before removing and installing 3/ 5 pin port cover and connecting next linkable "Connect Strip" or "Connecting Cable". Refer to installation manual when installing.

TUROLIGHT®
Tel: 905-479-7093
Toll Free: 1-888-425-7093
Email: customerservice@turolight.com
Website: www.turolight.com

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LED Connect Strip
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Microwave sensor

Sensor factory installed

2.5~3.5m

8m   1m 1m   8m
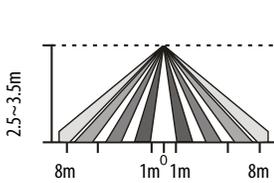
Height of installation 2.5~3.5m
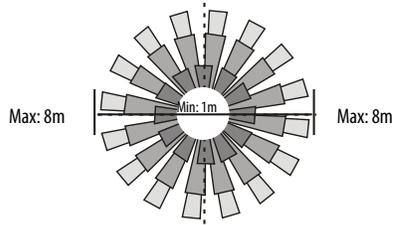
Max: 8m   Min: 1m   Max: 8m

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

Utilizing field and introduction

The sensor is a moving object sensor that can detect range of 360° and it's 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 untill you think it is suitable).

1~8m

Detection Range

10sec~30min

Time

10~2000lux
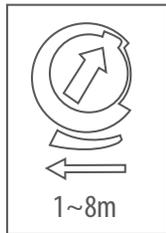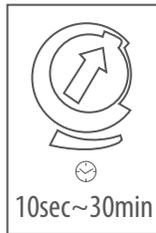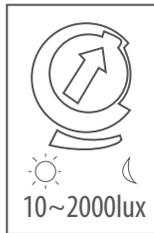
Light Control

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 al 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 1 0lux. Turn it fully clockwise lo 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 and, 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.

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