## **LED Eco-Commercial Strip**

	Segment	Wattage Range	Lumen Range
DL-EC	Commercial & Industrial	18-90W Selectable Wattage	2,340-12,150lm



#### **Features**

- White post painted steel housing in 4ft or 8ft lengths
- Operating temperature range of -20 °C ~ +50 °C.
- Field Selectable CCT (3500K, 4000K & 5000K) along with Auto Sensing 120-347V Driver.
- PMMA opal lens and optional field installed wire guard for additional protection.
- Suitable for Surface, or suspended chain mounting. J-BOX split cover plate (included) and row mounting possible with optional joiner plate.
- Compatible with 0-10V Dimming



#### Housing:

White post painted steel housing with split octagon box cover.

#### Optics:

PMMA opal lens snaps onto housing.

#### Mounting:

Suitable for surface or suspended mounting with standard snap on moutning brackets. Row mounting possible with optional row mount joiner plate.

Autosensing 120-347V, selectable wattage with Operating temperature range of -20°C~+50°C.

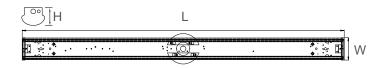
#### LED:

Field Selectable CCT of 3500K, 4000K & 5000K. Efficacy of 130lm/w with Lumiled LED

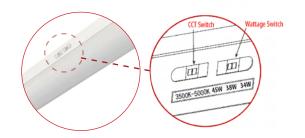
#### Controls:

Compatible with optional microwave sensor controlled via optional Remote Control.

#### **Dimensional Drawing**



	L	W	Н
4FT	47.3"	3.3"	3.6"
8FT	94.2"	3 3"	3.6"









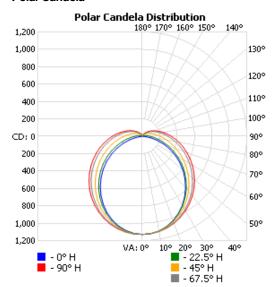








#### Polar Candela



### **Applications**









# **LED Eco-Commercial Strip**

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### Ordering Information Example: DL-EC/4F/56W/MK/120-347V/D

Family Name	Fixture Type	Size	Wattage	ССТ	Voltage	Dimmable	Sensor	Accessories
DL (Deltalum)	EC (Eco-Commercial)	4F (4') 4FS (4'Small wattage) 4FL (4'Large wattage) 8FL (8'Large wattage)	56W MW (Selectable wattage)	MK (Selectable CCT)	120-347V	D (Dimmable)	Blank (no sensor) LV6S	RM (Row MTG plate) DL-EC/4F/WG DL-EC/MTG/H-C/KIT DL-EC/LV6S/CONTROLLER

#### **Product Specification**

Ordering Code	DLC	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.
3666309	Yes	DL-EC/4F/56W/MK/120-347V/D	56	120-347V	100,000	120°	7448	35-40-50	>80	Yes	48	6
3664306	Yes	DL-EC/4FS/MW/MK/120-347V/D	30-25-18	120-347V	100,000	120°	4050-3250-2340	35-40-50	>80	Yes	48	6
3664307	Yes	DL-EC/4FL/MW/MK/120-347V/D	45-38-34	120-347V	100,000	120°	6075-4940-4420	35-40-50	>80	Yes	48	6
3664308	Yes	DL-EC/8FL/MW/MK/120-347V/D	90-75-65	120-347V	100,000	120°	12150-9750-8450	35-40-50	>80	Yes	96	4
3686300	Yes	DL-EC/4F/56W/MK/120-347V/D/LV6S	56	120-347V	100,000	120°	7448	35-40-50	>80	Yes	48	6
3680311	Yes	DL-EC/4FS/MW/MK/120-347V/D/LV6S	30-25-18	120-347V	100,000	120°	3900-3250-2340	35-40-50	>80	Yes	48	6
3680312	Yes	DL-EC/4FL/MW/MK/120-347V/D/LV6S	45-38-34	120-347V	100,000	120°	6075-4940-4420	35-40-50	>80	Yes	48	6
3680313	Yes	DL-EC/8FL/MW/MK/120-347V/D/LV6S	90-75-65	120-347V	100,000	120°	12150-9750-8450	35-40-50	>80	Yes	96	4
3660057	-	DL-EC/4F/LENS	4ft, replaceme	4ft, replacement white PMMA lens								
3660058	-	DL-EC/8F/LENS	8ft, replacemen	8ft, replacement white PMMA lens								
3660092	-	DL-EC/4F/WG	4ft,wire guard	4ft,wire quard								
3660096	-	DL-EC/RM	Row mounting	Row mounting plate								
3660190	-	DL-EC/MTG/H-C/KIT	2 x V hooks and	2 x V hooks and 2 x 1.05m lengths of link chain								
3768101	-	TL-2052	PIR motion ser	PIR motion sensor (sold separately)								
3660196	-	DL-EC/LV6S/CONTROLLER	Remote Handh	eld Controller, for LV	6S LOVO 6M SENSOR							

#### Accessories

DL-EC/LENS



DL-EC/WG



DL-EC/RM



DL-EC/LV6S/CONTROLLER



TL-2052



DL-EC/MTG-HC-KIT



## **Related Products**



SSL-CPG







TL-RMES111-UDC

## **LED Eco-Commercial Strip**

	Segment	Wattage Range	Lumen Range
DL-EC	Commercial & Industrial	18-90W Selectable Wattage	2,340-12,150lm



#### Haisen sensor (Low voltage sensor)

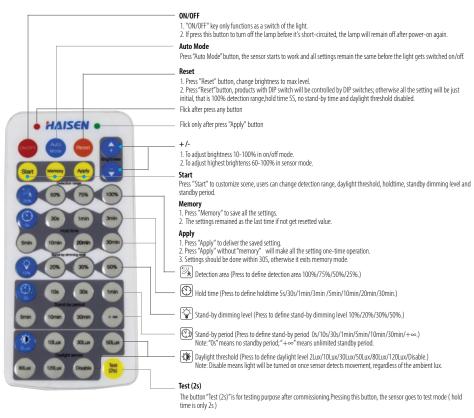


Note: Haisen sensor factory installed

Operating voltage	10.5-15V DC (supply current >50mA, operating current <30mA)
Output	DIM/1-10V
Stand-by Power	<0.5W
Detection area	100%/75%/50%/25%
Hold-time	5s/30s/1min/3 min/5min/10min/20min/30min
Daylight threshold	2lux/10lux/30lux/50lux/80lux/120lux/Disable
Stand-by period	0s/10s/30s/min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Mounting height	Max.6m (ceiling mounted)
Detection range	Radius:2-5m(ceiling mounted)
Detection angle	360°(ceiling mounted); <150° (Wall Mounted)
Operating termperature	-40°C~+80°C
Warranty	5 years

Note: Different applications and places will make different detection distance, our result is just for your information. Motion sensor setting and dimming setting please refer to remote control HD05R Lo/Vo controller Haisen.

#### DL-EC/LV6S/CONTROLLER



#### Memory & Apply Mode

- 1. Press "ON/OFF button" to turn on the light or off.
- 2. To reset the parameters, Please follow the steps as below
- Step 1 Press ON, to turn on the light if it was off at the start.
- Step 2 Press "Start" to the well-setting sensor
- Step 3 Press the button of Detection range, Hold time, Stand-by dimming level, Stand-by period and Daylight threshold one after the other in sequence.
- Step 5 Press "Memory" to memorize the settings.

#### Note: The interval of each parameter setting shall be controlled within 30s. 3. To programme other lights in the array that have similar sensors to the same programme.

- Step 1 Press "ON" to the second sensor
- Step 2 Press "Apply"

### Isolated Setting Mode

- Press "ON/OFF button" to turn on the light or off. Press "Auto Mode", the remote will activate settings that were saved last or remain at the factory default settings.
- 2. To reset the parameters, Please follow the steps as below:
- Step 1 Press ON, to turn on the light if it was off at the start.
- Step 2- Press any button of "Auto Mode", "Reset", Test" and "Apply" to begin the sensor detection mode. Step 3 - Press the button of Detection range, Hold time, Stand-by dimming level, Stand-by
- period and Daylight threshold one after the other in sequence

- 1. Settings will be saved automatically and remain until you press reset again.
- 2. Light will flicker when setting each parameter.

#### **DL-EC/LV6S Sensor Preset Sensor Settings**

Detection area	100%		
Hold-time	5s		
Daylight threshold	Disable		
Stand-by period	30min		
Stand-by dimming level	50%		

- Microwave can penetrate walls or glass thinner than 20cm, movement in adjacent corridors may be detected.
- Detection area will be affected by speed of motion, mounting height and movement volume.
  Installation shall not be mounted to avoid false trigger caused by the luminaire itself shaking. (Rooftop HVAC, upper floor vibration, etc.)
- Shall not be installed next to large operating machines such as ventilator/ceiling fan to avoid false triggering caused by machine vibration.
- They cannot penetrate metal. Large metal object near the sensor may create a "dead zone" behind it.
- Microwave sensors have advantage over PIR device in that they can operate in hot environments, however, they are sensitive devices and can be prone to false detection by everyday items like ceiling fans, moving branches or curtains, loose packaging, etc.

Other options may be available, consult Turolight Sales. Specifications and data are subject to change without notice.

