LED Eco-Commercial Strip

DL-EC2	Segment	Wattage Range	Lumen Range
	Commercial & Industrial	16~90W	2,080~11,700lm

TUROLIGHT

Features

- White post painted steel housing in 2', 3', 4' and 8' lengths.
- Operating temperature range of -20˚C ~ +50˚C.
- Field Selectable 5 CCT (3000K,3500K, 4000K, 5000K & 6500K) 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

Specifications

Housing:
White post painted steel housing with split LED box cover.

Optics:
PMMA opal lens mounted on LED Box cover snaps onto housing.

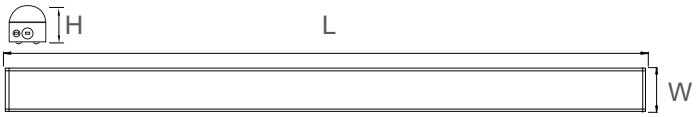
Mounting:
Suitable for surface or suspended mounting with standard snap on moutning brackets. Row mounting possible with optional row mount joiner plate.

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

LED:
Field Selectable CCT of 3000K, 3500K, 4000K, 5000K & 6500K. Efficacy of 130lm/w with Lumiled LED

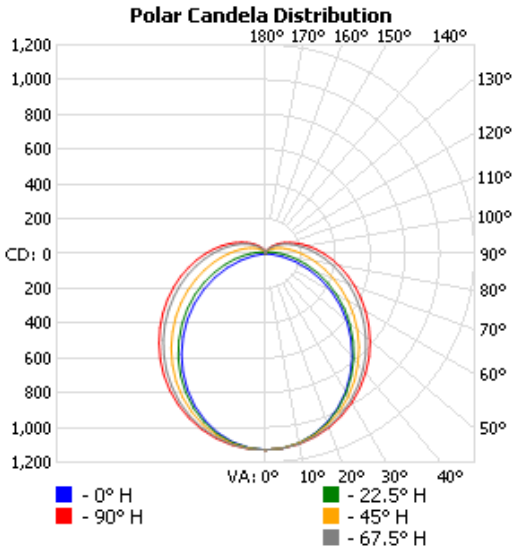
Controls:
Compatible with optional microwave sensor controlled via optional Remote Control.

Dimensional Drawing



	L	W	H
2FT	22.2"	2.8"	3.1"
3FT	35.0"	2.8"	3.1"
4FT	47.3"	2.8"	3.1"
8FT	94.2"	2.8"	3.1"

Polar Candela



Applications

Corridors

Utility rooms

Warehousing

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Ordering Information DL-EC2/4F/56W/MK/120-347V/D/A

Family Name	Fixture Type	Size	Wattage	CCT	Voltage	Dimmable	Compatible	Sensor
DL (Deltalum)	EC2 (Eco-Commercial)	2F (2') 3F (3') 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)	A (12v Aux compatible)	LV6SA (Low voltage 6m sensor)

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.
3680381	DL-EC2/2F/MW/MK/120-347V/D/A	20-18-16	120-347V	50,000	120°	2600-2340-2080	30-35-40-50-65	>80	Yes	24	6
3680382	DL-EC2/3F/MW/MK/120-347V/D/A	25-21-17	120-347V	50,000	120°	3250-2730-2210	30-35-40-50-65	>80	Yes	36	6
3666323	DL-EC2/4F/56W/MK/120-347V/D/A	56	120-347V	50,000	120°	7280	30-35-40-50-65	>80	Yes	48	6
3680369	DL-EC2/4FS/MW/MK/120-347V/D/A	30-25-18	120-347V	50,000	120°	3900-3250-2340	30-35-40-50-65	>80	Yes	48	6
3680370	DL-EC2/4FL/MW/MK/120-347V/D/A	45-38-34	120-347V	50,000	120°	6075-4940-4420	30-35-40-50-65	>80	Yes	48	6
3680371	DL-EC2/8FL/MW/MK/120-347V/D/A	90-75-65	120-347V	50,000	120°	11700-9750-8450	30-35-40-50-65	>80	Yes	96	4
3680383	DL-EC2/4FS/MW/MK/120-347V/D/A/LV6SA	30-25-18	120-347V	50,000	120°	3900-3250-2340	30-35-40-50-65	>80	Yes	48	6
3680372	DL-EC2/4FL/MW/MK/120-347V/D/A/LV6SA	45-38-34	120-347V	50,000	120°	5850-4940-4420	30-35-40-50-65	>80	Yes	48	6
3680373	DL-EC2/8FL/MW/MK/120-347V/D/A/LV6SA	90-75-65	120-347V	50,000	120°	11700-9750-8450	30-35-40-50-75	>80	Yes	96	4
3660249	DL-EC2/LV6SA/SENSOR	DeltaLum EC2 Strip 12V DC LoVo Microwave Sensor (Default Setting, Trim level 100%, Sensitivity High, Hold Time 15, Standby Dim 50%, Standby time ~, Photocell Off)									
3660193	SSL-LHB3/LV/12V/CONTROLLER2	SSL-LHB3 Linear Highbay 12V DC Microwave Sensor Remote Control 2 (required for programing)									
3660250	DL-EC2/4F/WG	DL-EC2 Strip, 4FT Wire Guard									
3660251	DL-EC2/RM	DL-EC2 Strip, Row Mounting									
-	DL-EC2/EM/BAT/8W	DL-EC2 Strip, Emergency Battery Pack, 8W, Factory Installed*									

*consult factory for details.

NOTE:

- 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.

Related Products

SSL-CPG

VIV-T8DF4/11.5W/XX/F

VIV-T8BPSP4/11.5W/XX/F/120-347V

TL-RMES111-UDC

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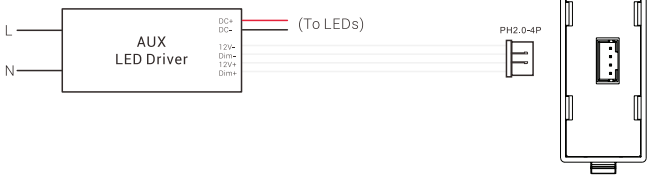
DL-EC2/LV6SA/SENSOR

12V Low Voltage Microwave Sensor

Sensor Wiring



SSL-LHB3/LV2/12V/CONTROLLER2

12V Low Voltage Microwave Sensor Remote Control

Memory Mode (Commissioning) To begin commissioning, follow the steps below:

1. Select either A, B, C, D.
2. Indicator lights on the remote will flash to indicate the current saved settings.
3. Settings can be configured by pressing appropriate buttons in the highlighted gray area of the remote. (TRIM-LEVEL, SENSITIVITY, HOLD TIME, STANDBY DIM, STANDBY TIME, and PHOTOCELL). Review selected settings and make changes as necessary.
4. Point IR remote to desired luminaire for configuration and press "SEND".
5. If configuration is successful, luminaire will flash two times suggesting settings are saved. Any parameter change to the current saved settings on A to F will override previous settings and will be automatically saved on the remote. If configurating multiple luminaires, select the configured memory mode A to E then follow steps 4 and 5.

*** **E Mode** allows visual adjustment to choose the desired dimming Level.

Continuous Adjustment Mode or Daylight Harvesting (F Mode)
Enables dimmability in response to daylight availability.

1. Point IR remote to desired luminaire
2. Press "ON" then press DIM+ or DIM- to adjust dimming level.
3. Press "F", indicator lights on the remote will indicate current saved settings. Note: only TRIM-LEVEL, SENSITIVITY, and HOLD TIME can be selected for Daylight Harvesting settings.
4. Review selected settings and make changes as necessary. Press "SEND".
5. If configuration is successful, luminaire will flash twice to confirm setting saved.
   If configurating multiple luminaires, select the configured DAYLIGHT HARVESTING settings then follow steps 4 and 5.
6. Default Settings:Motion --> 100%,No Motion >= 5min --> dim to 30%,No Motion >= 60min --> Off

ON	Turns On Luminaires
OFF	Turns OFF Luminaires
TEST	Test mode will last 5 mins then return to previous setting. Test mode: hold time 2s,standby Dim level 50%, standby time 2s.
RESET	Trim-High=100%,sensitivity=High,T1=5min,Standby Dim=30%, T2=60min,Photocell=OFF
DIM+/-	Remote will manually dim luminaire up or down by increments of 0.5volts. Must be smooth dimming if holding dimming button.
TRIM-LEVEL	Set Maximum threshold value 50/75/100%
SENSITIVITY	OFF(PIR OFF Enter PC ON/OFF function)/LOW(50%)/HIGH (100%)
HOLD TIME	(time of no occupancy after which fixture goes to stand by) 30s / 5min /15min / 30min
F MODE DAYLIGHT HARVESTING	(Enable/Disable) Measure and set feature to allow the fixture to maintain a light level. If turned ON.
STANDBY DIM	Select any standby dim level 0/10/30/50%
STANDBY TIME	Stand by time - 10s / 5min /15min / 30min / 1h / ∞. "∞" means the stand-by time is infinite and the fixture is effectively controlled by the daylight sensor)
PHOTOCELL	LOW (1fc) and HIGH (50fc) CAL Collecting The current Lux Level / OFF
MODE	Set settings to a Program profile A to F
SEND	Send settings to sensor
DEFAULT MODE A	Trim-High=100%,sensitivity=low,T1=30min,Standby Dim=50%, T2=∞,Photocell=CAL
DEFAULT MODE B	Trim-High=100%,sensitivity=low,T1=30min,Standby Dim=50%, T2=15min,Photocell=CAL
DEFAULT MODE C	Trim-High=100%,sensitivity=low,T1=30min,Standby Dim=50%, T2=15min,Photocell=OFF
DEFAULT MODE D	Trim-Low=50%,sensitivity=low,T1=30s,Standby Dim=50%, T2=30min,Photocell=CAL
DEFAULT MODE E	Manual Mode,Trim-High=100%
DEFAULT MODE F	Daylight Harvesting,Trim-Low=50%,sensitivity=low,T1=15min