ORTECH

Product Specification Sheet

# LED LINEAR STRIP LIGHTS

## OL-ST4-3CCT+WMS

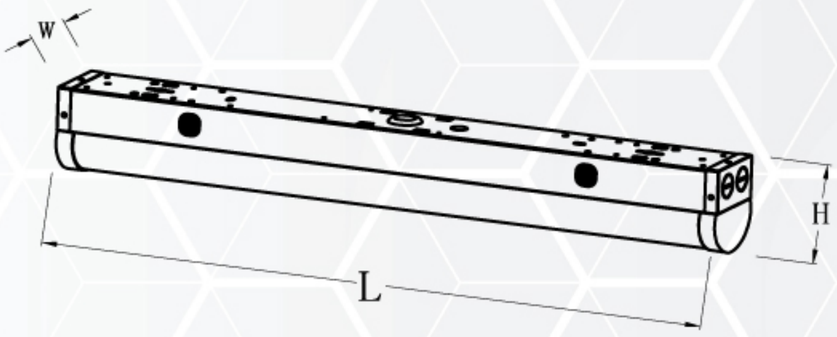



## HIGHLIGHTS

**48" LED Strip Light Power & CCT adjusted, with Built-in Motion Sensor**

- Built-in motion sensor with dip switches
- Factory setting: dims to 50%. Please see page 3 for more dimmer and sensor settings
- Daisy connection of up to 24 units per single power source running 347v
- Suspending installation and surface-mounted installation
- Diffused light, Damp location rated, Polycarbonate lens
- 5 year warranty

## DIMENSIONS




| Model | L×W×H (mm/inch) |
|---|---|
| OL-ST4-3CCT+WMS | 1185x74x83(mm) / 46.65''x2.91''x3.27 |

### MOUNTING DIAGRAM




## SPECIFICATIONS

| Model | OL-ST4-3CCT+WMS |
|---|---|
| Wattage | 30W \| 40W \|50W |
| Voltage | AC120-347V |
| Lumens | 3900lm \|5200lm \| 6500lm |
| Beam Angle \| CRI | 120° \| 80 |
| Lifetime | 50000 hours |
| Dimmable | Yes(only 0-10v dimming available) |
| Warranty | 5 years |
| Grade of Protection | IP20 |
| Luminous Efficiency | 130LM/W |
| Colour Temp. | 3500K / 4000K / 5000K |
| Application | School / Hospital / Super market / Office / Warehouse |
| Operating Temp. | -20°C ~ +40°C |
| Case Quantities | 8 |

## ACCESSORIES



**OL-ST4-LINK-KIT**



**SUS-KIT**
(aircraft cable length: 4.92ft.)

## DAISY CONNECTION

- 120V = **10 units**
- 277V = **19 units**
- 347V = **24 units**


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205 Summerlea Road, Brampton, Ontario
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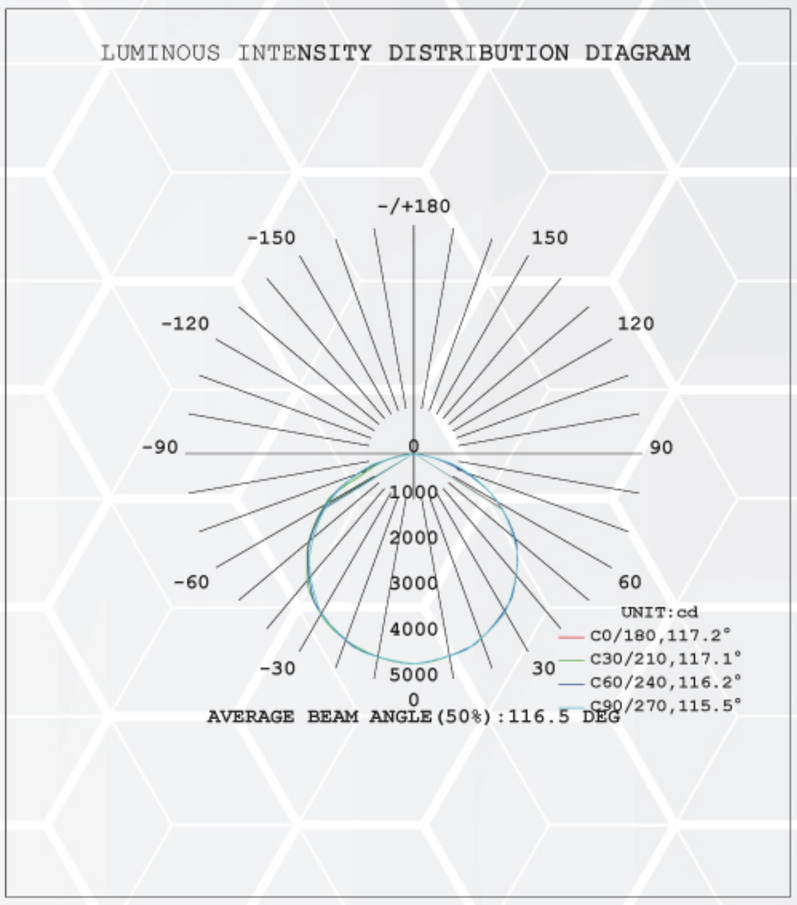
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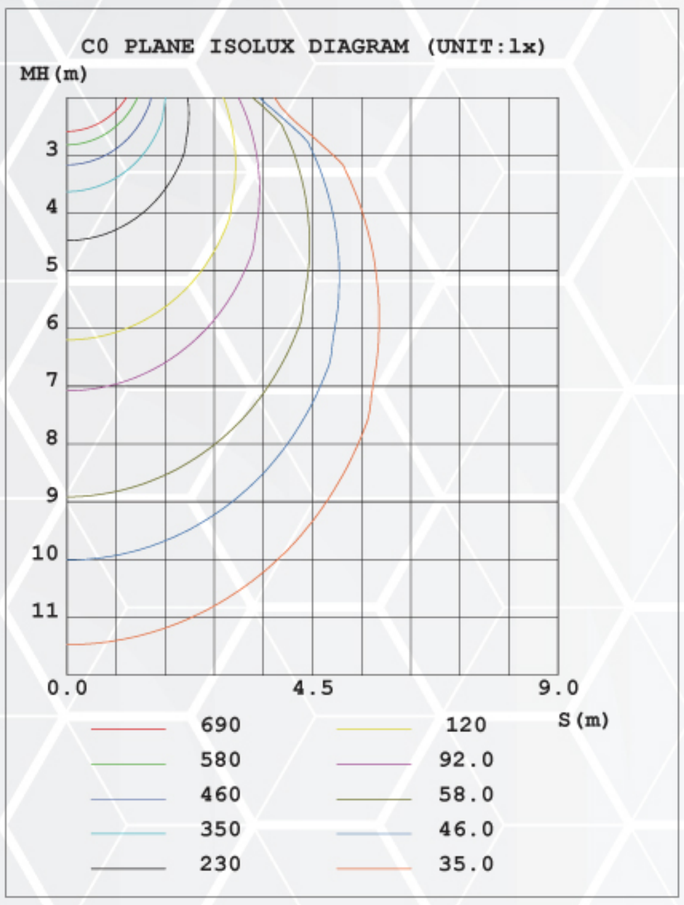
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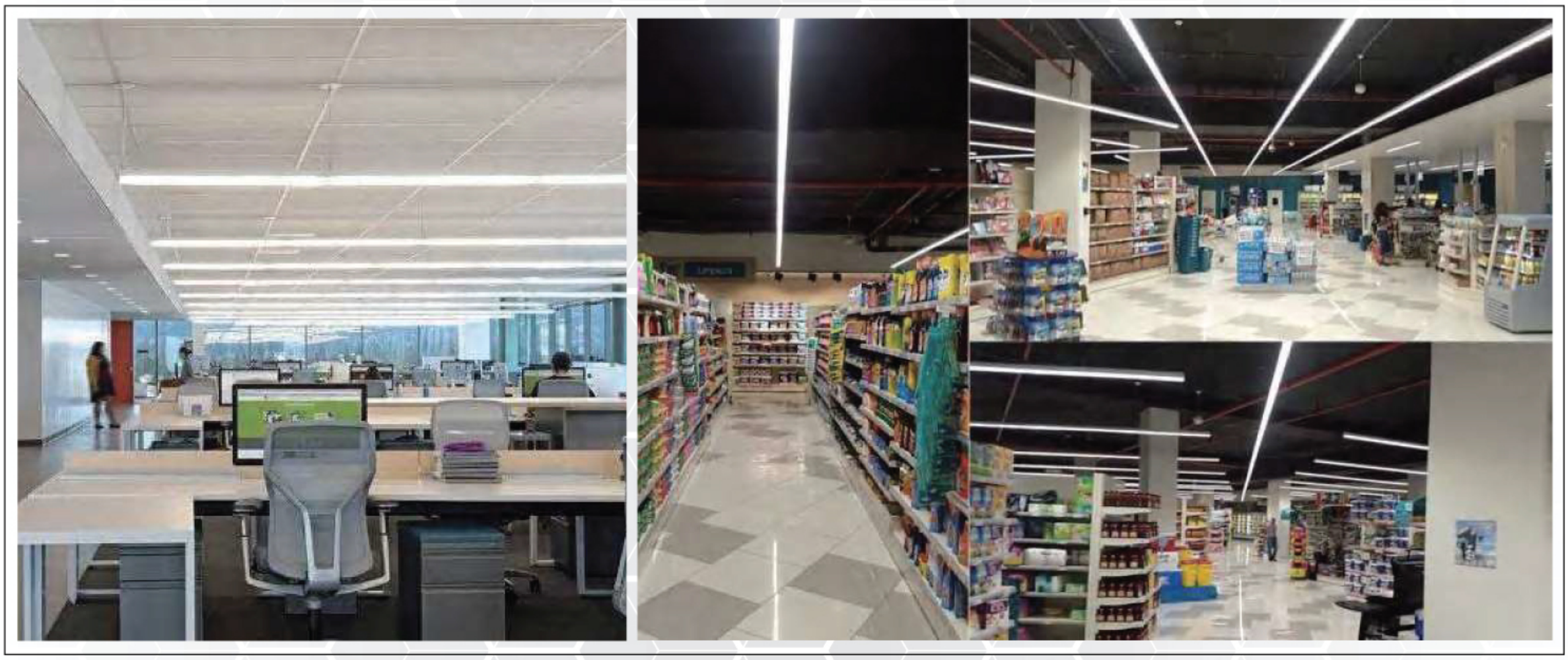
## OL-ST4-3CCT+WMS

## TESTING REPORT




## APPLICATIONS




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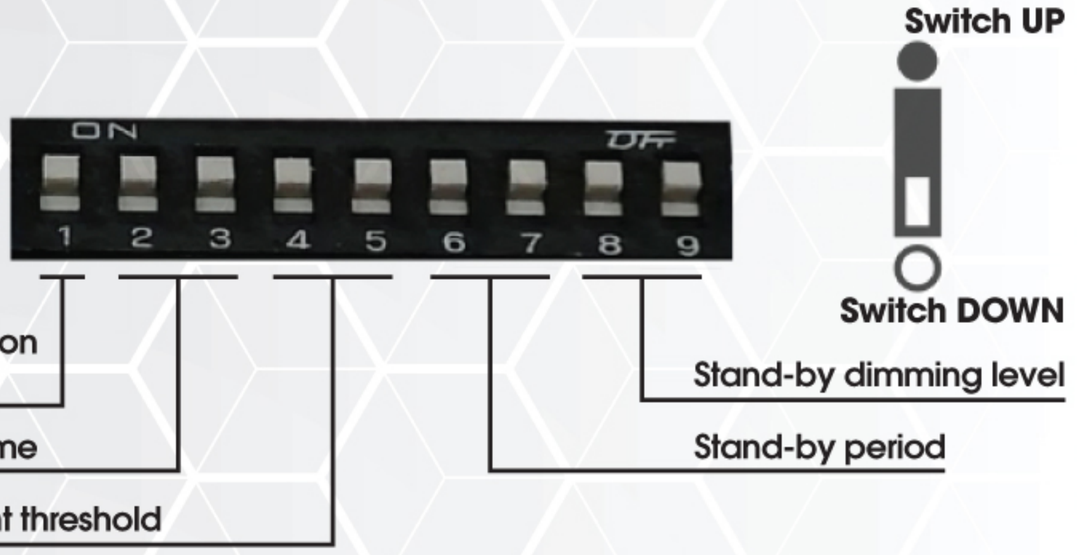
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## LED LINEAR STRIP LIGHTS

**OL-ST4-3CCT+WMS**




## MOTION SENSOR SETTINGS

By selecting the combination of the DIP switches, sensor will be precisely set for different applications.

| 1 | |
|---|---|
| ● | 100% |
| ○ | 50% |

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

| 2 | 3 | |
|---|---|---|
| ● | ● | 5s |
| ● | ○ | 30s |
| ○ | ● | 1min |
| ○ | ○ | 10min |

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

| 4 | 5 | |
|---|---|---|
| ● | ● | Disable |
| ● | ○ | 50lux |
| ○ | ● | 10lux |
| ○ | ○ | 2lux |

**Daylight threshold**
Definition of the ambient brightness; only when the ambient brightness is lower that the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works every time it detects motion regardless the ambient brightness.

| 6 | 7 | |
|---|---|---|
| ● | ● | 0s |
| ● | ○ | 30s |
| ○ | ● | 20min |
| ○ | ○ | + ∞ |

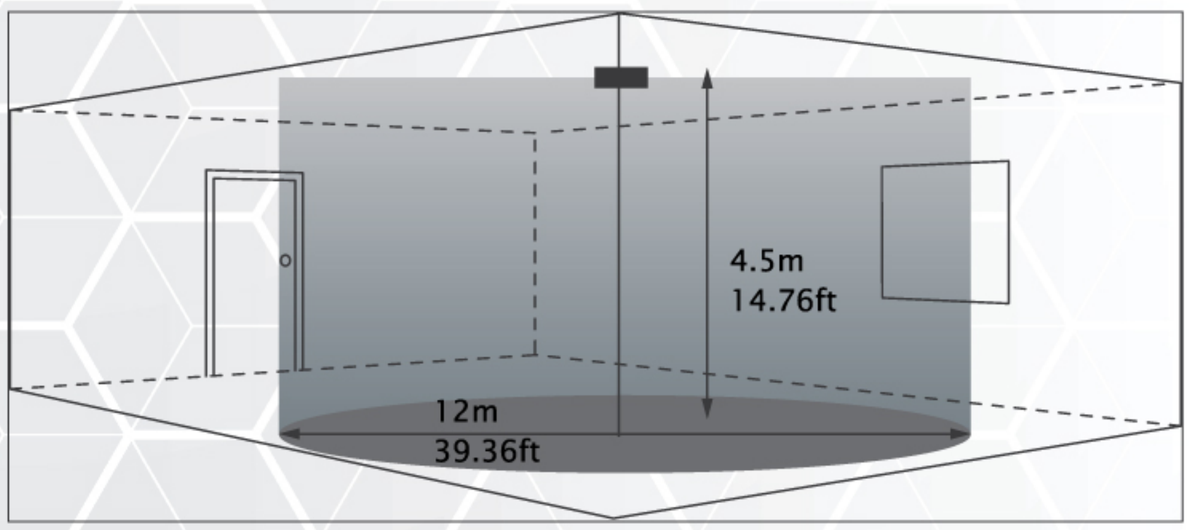
**Stand-by period**
The period of light keeping low output before it's completely switched off. When it's preset as "∞", the light always keep at low output if no movement in the detection area and doesn't turn off.

| 8 | 9 | |
|---|---|---|
| ● | ● | 10% |
| ● | ○ | 20% |
| ○ | ● | 30% |
| ○ | ○ | 50% |

**Stand-by dimming level**
The definition of low output in the standby period.

| | |
|---|---|
| Operating voltage | 10-15VDC |
| Stand-by power | <0.5W |
| Stand-by power | ≤1W |
| Detection area | 50%/100% |
| Hold time | 5s/30s/1min/10min |
| Daylight threshold | 2Lux/10Lux/50Lux/Disable |
| Stand-by period | 0s/30s/20min/+∞ |
| Stand-by dimming level | 10%/20%/30%/50% |
| Microwave frequency | 5.8GHz±75MHz |
| Microwave power | <1mW |
| Mounting height | Max. 4.5m/14.76ft ( ceiling mounted ) |
| Detection range | Max.ø12m/39.36ft ( ceiling mounted ) |
| Operating temperature | -20°C~+60°C |
| Detection angle | 30°-150° |
| Motion detection | 0.5~3m/s |
| IP rating | IP20 |
| Warranty | 5 years |

**Detection Range**




| Reference | QTY. | Remarks | Project: |
|---|---|---|---|
| | | | Location: |
| | | | Architect: |
| | | | Engineer: |
| | | | Contractor: |
| | | | Submitted by: |
| | | | Date: |

ORTECH reserves the right to modify at any time, without notice, any or all of our product's features, designs, components and specifications to meet market changes.

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