ORTECH®

Product Specification Sheet

LINEAR STRIP LIGHTS

SLST4-5CCT+WMS



HIGHLIGHTS

48" LED Linear Strip Light With Selectable CCT And Wattage, Along With Built-In Motion Sensor

- Daisy connection of up to 20 units per single power source running 347v
- Suspending installation and surface-mounted installation
- Diffused light, Damp location rated, Polycarbonate lens
- 5 year warranty

130 LM/W | 120-347V AC | 80 CRI | 120°

CERTIFICATIONS

DLC LISTED PREMIUM | c UL us LISTED | DIMMABLE

COLOUR TEMPERATURE

3000K / 3500K / 4000K / 5000K / 6000K (Selectable)

SPECIFICATIONS

MODEL	SLST4-5CCT+WMS
Wattage	40W/50W/60W
Voltage	120-347V AC, 60Hz
Lumens	5200 lmn/6500 lmn/7800 lmn
Beam Angle	120°
Lifetime	50,000 hours
Dimmable	Yes (0-10v dimming)
CRI	80
Application	School/Hospital/Super Market/ Office/Warehouse
Grade of Protection	IP20
Luminous Efficiency	130 LM/W
Power Factor	0.9
Operating Temperature	-20°C ~ +40°C
Case Quantities	8

LONG, LEAN AND LUMINOUS

5 YEAR WARRANTY

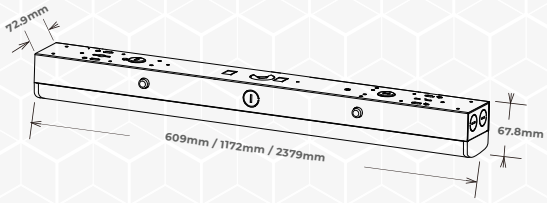
ORTECH reserves the right to modify at any time, without notice, any or all of our product's features, designs, components and specifications to meet market changes.

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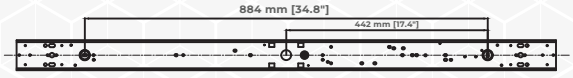
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DIMENSIONS

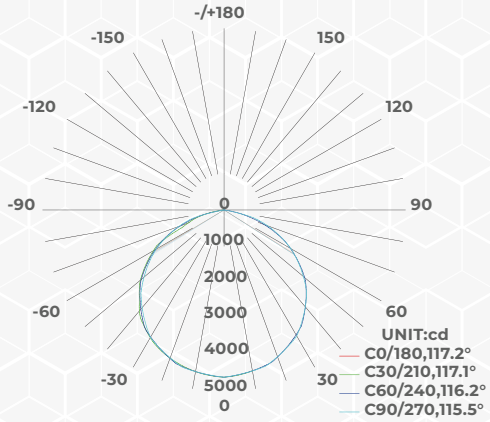


MOUNTING DIAGRAM



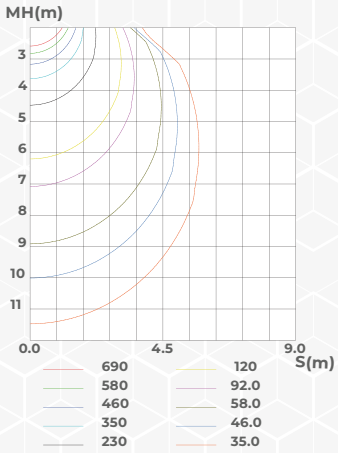
TESTING REPORT

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):116.5 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



ACCESSORIES



OL-ST4-LINK-KIT



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

DAISY CONNECTION

120V = 8 units
277V = 16 units
247V = 20 units



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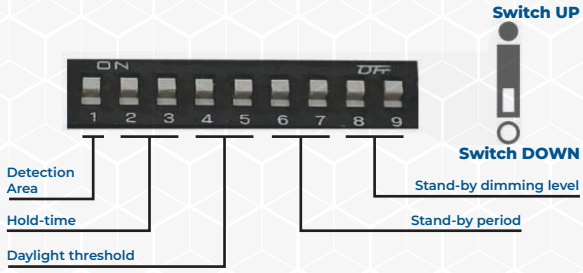
Product Specification Sheet

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SLST4-5CCT+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.

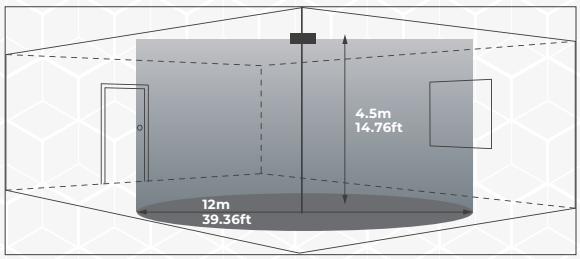
8	9	
●	●	10%
●	○	20%
○	●	30%
○	○	50%

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	QUANTITY	REMARKS	PROJECT DETAILS
			Project:
			Location
			Architect:
			Engineer:
			Contractor:
			Submitted By:
			Date:

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