

4ft LED Linear Strip with motion sensor

LS48-30W-46W-VAR-V2-MS

Date:	Project:	Comments:
Prepared for:	Type:	



Power Selectable
30W | 38W | 46W

Colour Selectable
3500k | 4000k | 5000k



Performance Specifications

Input Voltage	120-347Vac, 60Hz
Input Current	0.46A
Power Selectable	30W / 38W / 46W
Equivalent to	120W
Power Factor	0.9
Total Harmonic Distortion	<20%
Dimmable	0-10V
Efficacy	130 lm/W
Lumen Output	5980lm at 46W
Colour Rendering Index (CRI)	+80
Colour Temperature (CCT)	Selectable 3500K / 4000K / 5000K
Beam Angle	120°
UGR (Unified Glare Rating)	27.6
Operating Temperature	-20°C to 40°C

Physical Specifications

Measurements	45-1/2" (115.6 cm) x 2-11/16" (6.9 cm) x 2-5/8" (6.7 cm)
Wire Size of Leads	18 AWG
Length of Leads	12 inches
Materials	Metal body, Polycarbonate lens
Colour	White

Certifications

Years of Warranty	5 Years
Certification and Compliances	cETLus DLC (Product ID: S-G5F2ZX, S-7T6612) DLC Premium (Product ID: S-F82K8T)

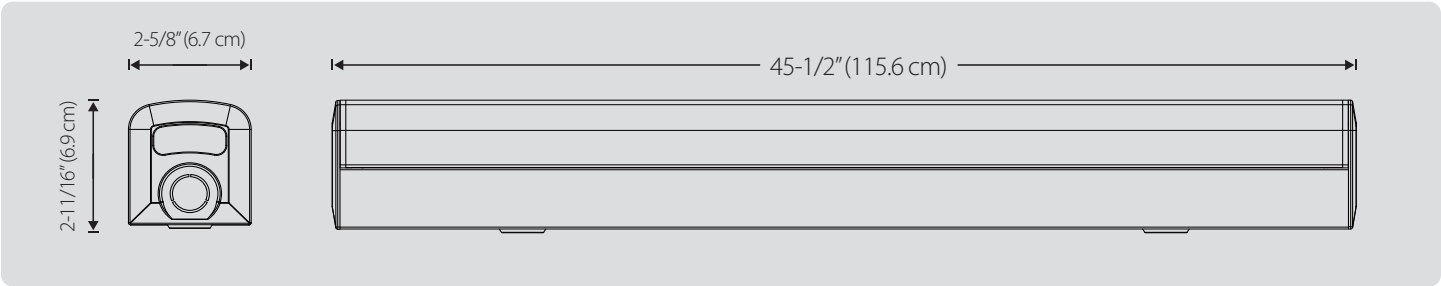
Ordering Information

Stock item. Orders placed by 3pm ship out the same day.

Input Voltage	Power (Selectable)	Equivalent to	Lumens	Color Temperature (Selectable)	Model Number	Ordering Code
120-347Vac	30W/38W/46W	120W	5980lm @ 46W	3500K 4000K 5000K	WRA48L0046W-DHV13P3C-V2	LS48-30W-46W-VAR-V2-MS



Dimensions

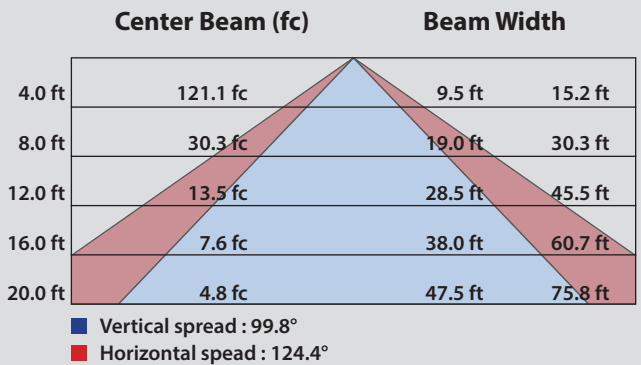


Photometrics

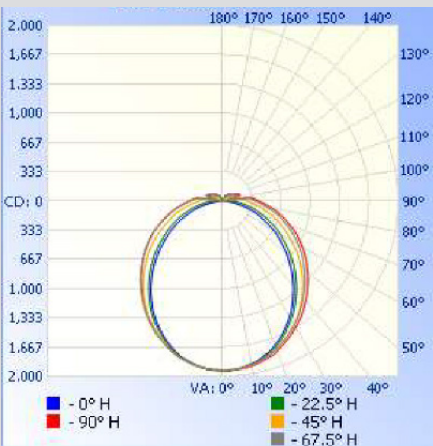
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,485.9	23.3%
0-40	2,417.3	37.9%
0-60	4,272.2	66.9%
60-90	1,614.4	25.3%
70-100	1,053.4	16.5%
90-120	346.5	5.4%
0-90	5,886.6	92.2%
90-180	498.7	7.8%
0-180	6,385.3	100%

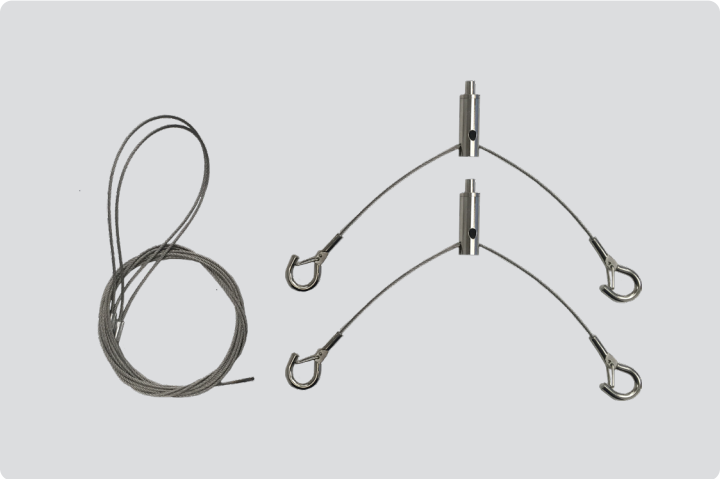
Illuminance at a distance



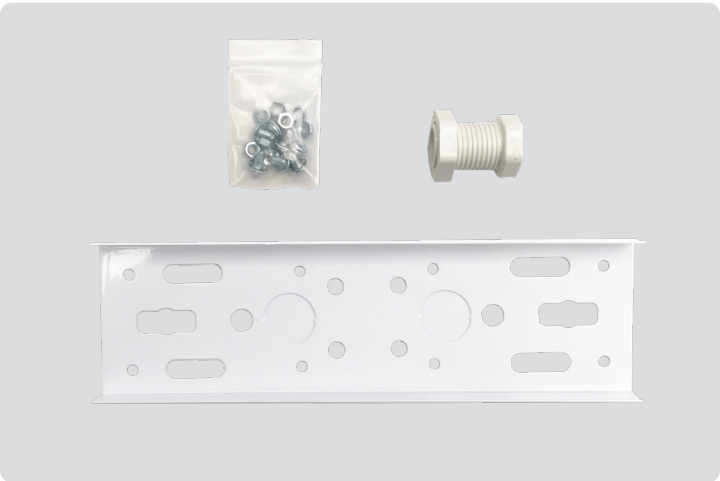
Polar Candela Distribution



Additional Accessories



LS-AC-S
(sold separately)
2 suspension point suspension Kit



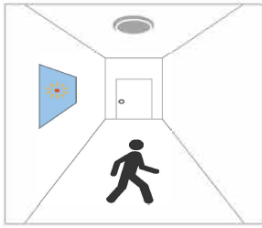
LS-AC-C
(sold separately)
Connector Kit
Connects 2 4ft fixtures to form a 8ft fixture



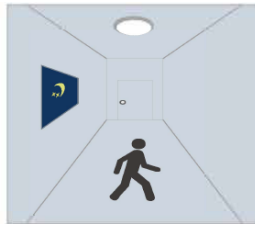
Applications:

1. Automatically ON/OFF function:

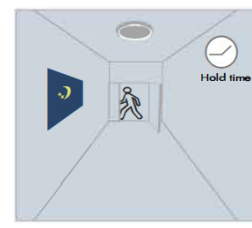
Light on when detect movement and off after people leave at night. Applications: Corridor, Staircase.



With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.

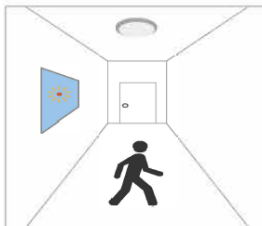


After the last detection and the present hold time elapsed, light OFF.

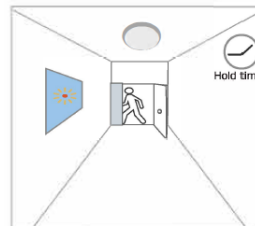
2. No daylight function

The daylight threshold is set to "Disable".

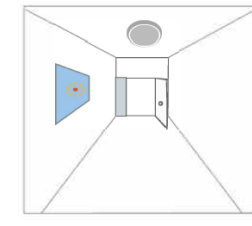
Light on when detect movement, after people leave, light off after stand-by period. Applications: Dim places such as basement parking, underpass.



When motion is detected, the sensor will switch on the light to 100% brightness.

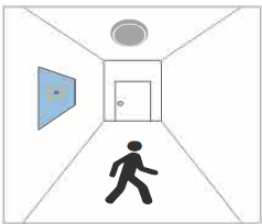


After people leave the detection area, light remains 100% brightness within hold time.



After the last detection and the present hold time elapsed, light OFF.

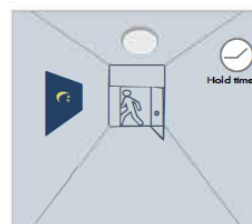
3. Function Demo - Dimmable control/Corridor function



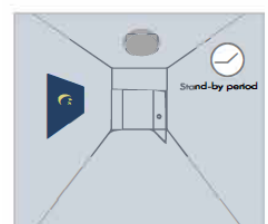
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion when motion detected light ON.

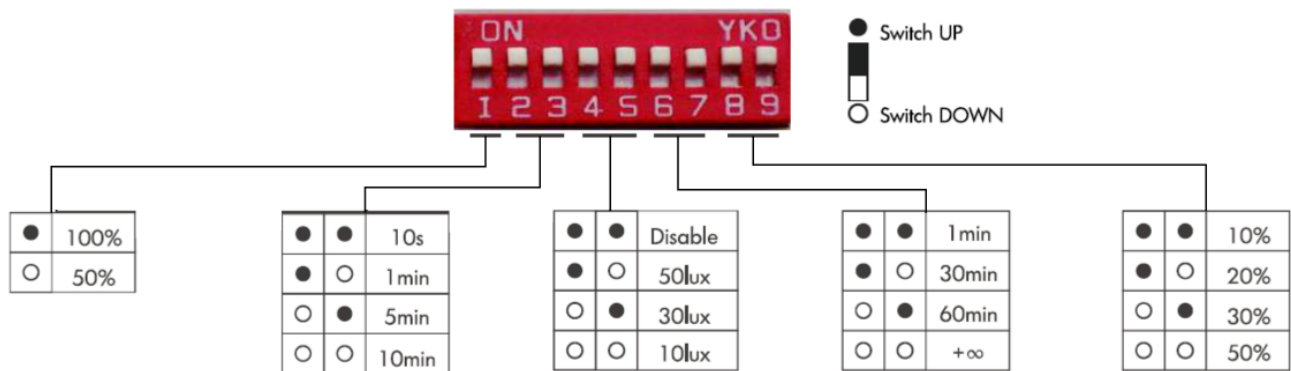


After last detection, the light will be dimmed down to the stand-by dimming level (10%, 20%, 30% or 50%) after holdtime.



After the stand-by period, light OFF.

Settings:



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.

Hold-time

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

Daylight threshold

Definition of the ambient brightness; only when the ambient brightness is lower than the preset specific lux amount, the sensor will work; when it's preset as "disable", the sensor works everytime it detects motion regardless the ambient brightness.

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.

Stand-by dimming period

The definition of low output in the standby period.

Detection coverage

This figure indicates the maximum distance at the highest mounting height with 100% sensitivity.

