



Antron Electronics Co.,LTD
安雄電子股份有限公司

Microwave Occupancy LED Driver



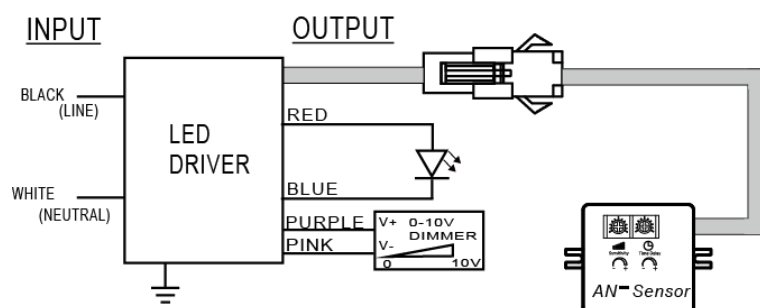
Model Name	AV24S100D-EOS
Output Model	Constant Voltage
Input Voltage	120-277 Vac
Input Frequency	50/60 Hz
Dimming	3 in 1 (PWM, 1-10V, Resistance) Dimming: 10-100%
Surge Rating	3KV
Warranty	5 Years $TC \leq 75^{\circ}C$ 3 Years $75^{\circ}C \leq TC \leq 90^{\circ}C$

Product Specification



Output Power (W)	Output Voltage (V)	Output Current (A)	Start Temp. (°F/°C)	Tcase Temp. (°F/°C)	Input Current (A)	Input Power (W)	Inrush Current (A)	THD (%)	Power Factor	Efficiency (%)
Max. 100	24	0.41-4.1	Min -40/-40	Max. 194/90	0.98@120V 0.42@277V	111	Max. 40	Max. 20	Min. 0.9	Typ. 89

Wire Diagram

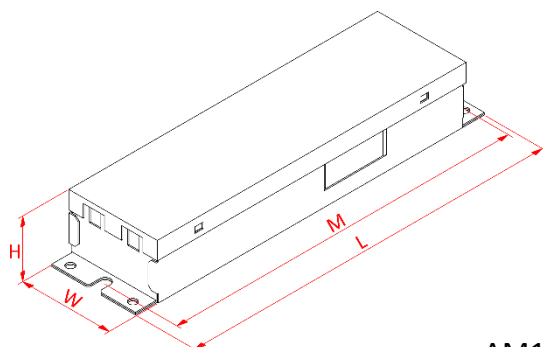


Maximum Wiring Distance (at full load) is 18AWG/18Feet

LED case should be grounded

Lead Length		Inch	Cm
Black		5.9	15
White		5.9	15
Green		NA	NA
Red		5.9	15
Blue		5.9	15
Purple		7.1	18
Pink		7.1	18
AN-Sensor	Male	18.1	46
	Female	5.9	15

Enclosure



AM105

Enclosure	Inch	Cm
Length(L)	9.5	24.1
Width(W)	2.4	6.1
Height(H)	1.46	3.7
Mounting(M)	8.9	22.6

Published 2018/04/10

Revised 2021/12/29

www.antron.com.tw

Tel:886-6-726-3906/7

Fax:886-6-726-3908

info@antron.com.tw



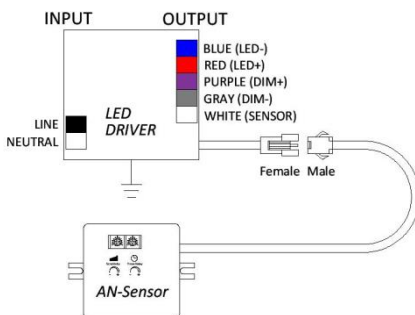
Microwave Occupancy Sensor Electrical Specifications

Operating Temperature	Sensitivity	Time Delay
20~50℃	10m Max	1sec-15minutes

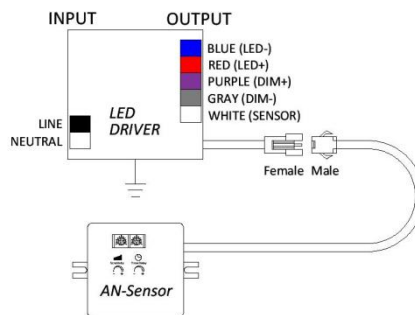
Over All(L)	Width(W)	Height(H)	Mounting(M)
6.16cm	4.6cm	2cm	5.3cm
2.43"	1.81"	0.79"	2.09"



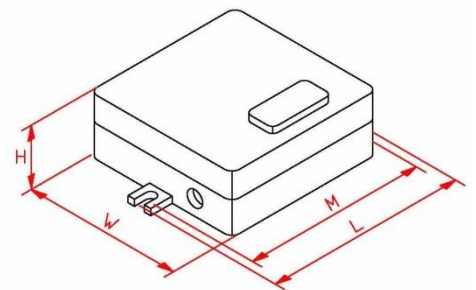
EOS-0-10V Dimming



EOS-Pre-set

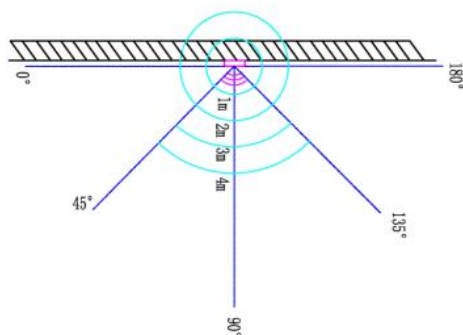


Enclosure - Microwave Sensor

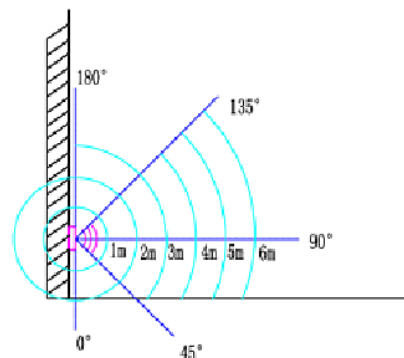


Sensor Coverage Area

Wall Mount



Ceiling Mount



Data is based upon tests performed by Antron Electronics in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.