

# AW Series

## 2' and 4' LED Aluminum Wrap Fixtures

### Specifications/Features

#### Housing

Commercial grade 2' and 4' Aluminum wrap fixtures.  
Integrated LED Strips delivering over 1000 lumens per foot.  
Integrated Motion sensors for on/off control or dimming control.  
Matte White finish with opaque white high impact acrylic lens.  
Available in 2700K, 3000K, 3500K, and 4000K CCT with 83 CRI.

#### Lamp/Electrical

Light engine consists of multi-chip LED strips.  
10 Watts per linear foot.  
120-277V Integrated Driver.  
Microwave sensor option.  
Dimming Motion Sensor (DS Option):  
Adjustable Detection Area: 10%, 50%, 75%, 100%  
Hold Time: 5s, 30s, 90s, 3min, 20min, and 30min  
Stand-by Period: 0s, 5s, 5min, 10min, 30min, 1hr, and infinite  
Daylight Sensor: Disable or 6 levels from 0.2fc to 9fc  
Dimming level: 0%, 10%, 20%, 30%, 50%  
Max Detection Zone: 50' x 50'  
90 Minute integrated battery pack with test switch, optional.

#### Mounting

Surface mounting for ceiling or wall.  
Includes mounting hardware.

#### Warranty

This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

#### Listing

ETL Certified for use in the U.S. and Canada.  
All models must be installed per specific product installation instruction and all appropriate National Electrical Codes.  
Suitable for use in closets when installed in accordance with NFPA® 70, NEC® Section 410.16.



Dimensional drawings on page 2

### Ordering Information

Example Order:  -  -  -

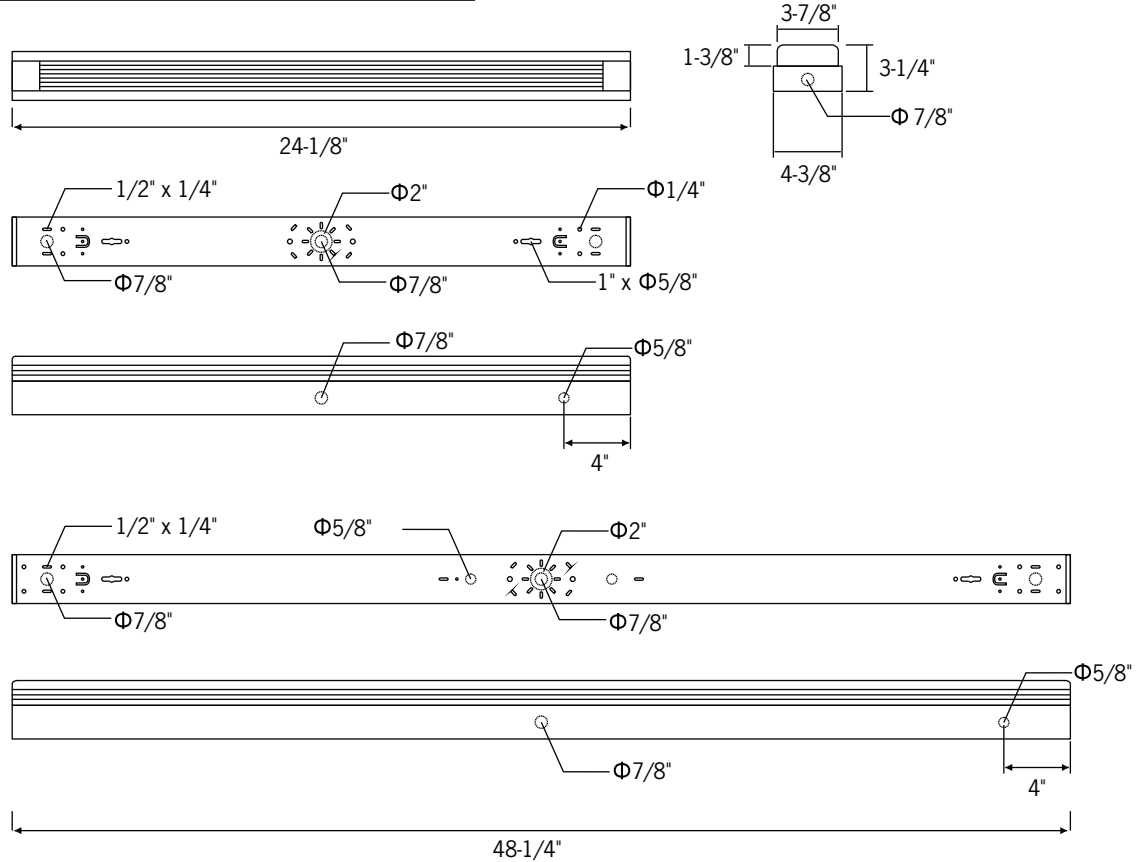
Fixture	Length	Color Temp	Driver	Control Sensor	Finish	Battery Back-Up
<b>AW</b>	<b>2*</b> - 2FT/24" <b>4</b> - 4FT/48"	<b>27K</b> - 2700K <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K	<b>MVD2</b> - 120 - 277V 0-10V Dimming	- Blank, No Sensor <b>DS</b> - Dimming Motion Sensor	<b>P</b> - White	- Blank, No Battery Back Up <b>EM</b> - Emergency Battery with Integrated Test Switch

\*2 Foot units may not include both DS and EM options

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## 2' and 4' LED Aluminum Wrap Fixtures

### Dimensional Drawings

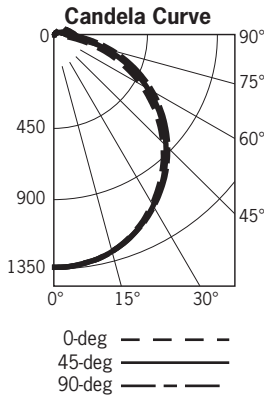
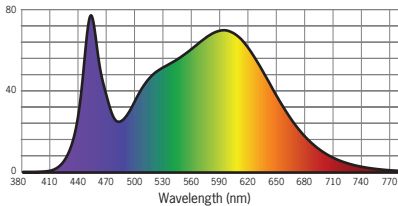


### Photometrics

#### AW440KMVD2

Designed for 50,000 Hour Lamp Life!; LM-63 Test No. 88383

**Light Output (Fixture Delivered Lumens):** 4094  
**Total Watts@120V:** 41.0  
**Lumens Per Watt:** 99.9  
**Color Rendering Index (CRI)<sup>2</sup>:** 84  
**Color Temperature (CCT)<sup>3</sup>:** 4173K  
**Spectral Power Distribution Chart<sup>4</sup>**



#### Candlepower Summary

	CANDELLA FROM 0	CANDELLA FROM 45	CANDELLA FROM 90	LUMENS
0	1327	1327	1327	
5	1321	1321	1321	126
15	1272	1274	1274	359
25	1170	1177	1181	541
35	1026	1043	1050	650
45	853	880	894	675
55	657	696	718	618
65	445	495	528	486
75	226	291	332	303
85	38	115	160	126
95	0	64	107	65

**Beam Distribution:** 110° x 116°  
**Spacing Criteria:** 1.23 @ 0°

#### Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	36.9	7.5
8'	20.7	9.9
10'	13.3	12.4
12'	9.22	14.9
14'	6.8	17.4
16'	5.2	19.9

1. Dependent on surrounding temperatures  
 2. Accuracy of rendering colors  
 3. Color appearance of light source  
 4. Colors present within the light source