

The AWL3-LED103 is a wall pack with an adjustable head that can be aimed straight down for dark sky requirements or aimed out to deliver the light where required.



### APPLICATIONS

**Ideal for use on outdoor walls along perimeters of buildings, townhouses, condominiums, schools.**

<b>Project</b>	
<b>Type</b>	
<b>Date</b>	
<b>Notes</b>	

### SPECIFICATIONS

#### Construction

Die cast aluminum housing with tamperproof stainless steel hardware. Clear tempered glass lens with a gasket. There are 6 conduit entries. The unit has a unique hinge assembly for easy installation and a leveling bubble on the back box for proper alignment.

#### LED configuration

The AWL3-LED103 has three LED Chips On Board (COBs) that deliver 10815 lumens. The LEDs have a colour temperature of 5000K as standard. 3000K and 4000K also available. The LEDs have a CRI of greater than 70 and an operating temperature range of -40°C to +40°C.

#### Adjustable head

The fixture can be aimed 0° - 90° delivering more lumens on the ground where needed.

#### Electrical

Total system wattage of the unit is 101W. The standard unit has a high efficiency driver that operates at 120 - 277V.

#### Finish

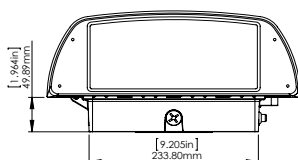
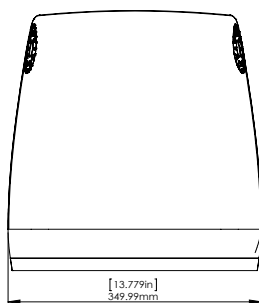
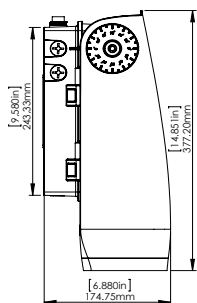
Standard finish is Bronze. Also available in Black or White. Please consult factory for custom colour.

#### Accessories

Visor, Polycarbonate Lens, Wire Guard, Photocontrol, On/Off Sensor and 0 - 10V Dimmable Smart Sensor.

<b>Equivalent to</b>	<b>up to 400W MH</b>
<b>Input Watts</b>	<b>101W</b>
<b>Lumens</b>	<b>10815 lumens</b>
<b>Efficiency</b>	<b>107 lumens per watt</b>
<b>Operating Temperature</b>	<b>-40°C - +40°C</b>
<b>Certification</b>	<b>cULus, DLC, IP65 meets LM79, LM80</b>
<b>Rated life</b>	<b>100,000 hours</b>
<b>Colour Temperature</b>	<b>5000K (standard) 4000K, 3000K (option)</b>
<b>Warranty</b>	<b>5 Years</b>
<b>Total Harmonic Distortion</b>	<b>10%</b>
<b>Power Factor</b>	<b>0.985</b>

### DIMENSIONS



**Shown with optional Motion Sensor**



## INSTALLATION INFORMATION

1. Open fixture, mount back box to junction box



2. Rest fixture onto hinges and connect wires



3. Reattach fixture to back box

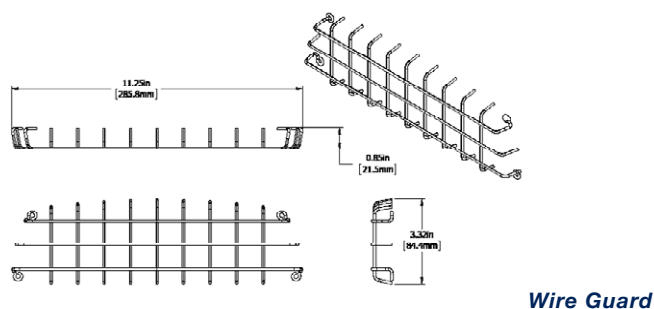
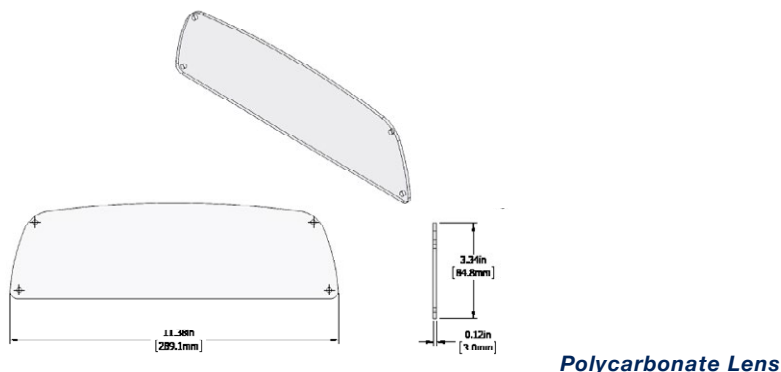
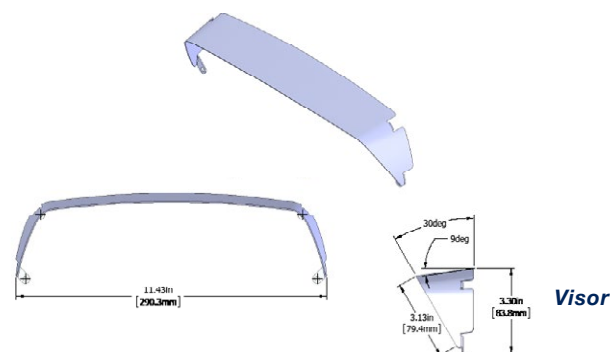
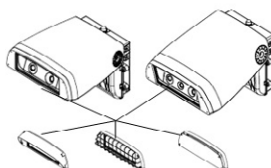


4. Use set screw to adjust fixture to desired angle



## ACCESSORIES

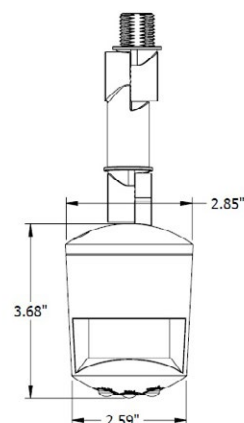
Visor (V), Wire Guard (WG),  
Polycarbonate lens (PCL)



\* Standard configuration

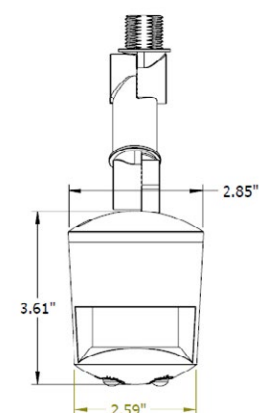
\*\* Chosen photocell option must be the same as voltage

**MS180 DIM** 0 - 10V Dimmable Smart Sensor (DMS),  
**MS180S** On/Off sensor (SMS)



### Dimmable Smart Sensor

The MS180DIM is a fully adjustable, dimmable smart sensor that allows you to provide reduced light levels as low as 10% when no motion is detected.



### On/Off Sensor

The MS180S is a fully adjustable motion sensor that can be set for dusk to dawn operation or other custom applications.

**Contact us to learn more.**

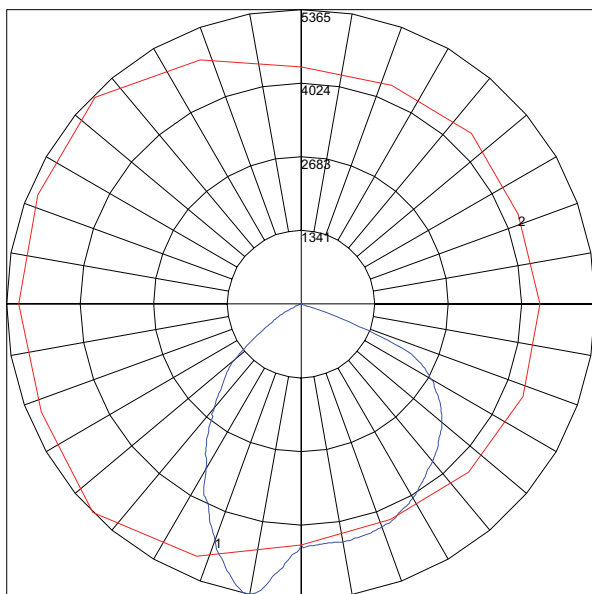
## PHOTOMETRIC DATA

IESNA:LM-63-2002  
[TEST]  
[TESTLAB]  
[TESTDATE] 2/26/2015  
[ISSUEDATE] 2/26/2015  
[MANUFAC] RAB DESIGN LIGHTING  
[LUMCAT] AWL3-LED103-B-5K-BRZ  
[LUMINAIRE] AWL3 SERIES

### CHARACTERISTICS

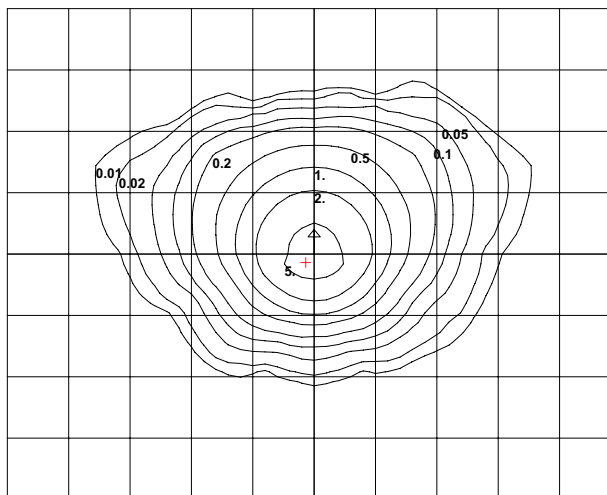
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10815
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	100.56
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5365.308
Maximum Candela Angle	225H 11V
Maximum Candela (<90 Degrees Vertical)	5365.308
Maximum Candela Angle (<90 Degrees Vertical)	225H 11V
Maximum Candela At 90 Degrees Vertical	3.476 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	94.344 (0.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**POLAR GRAPH**



Maximum Candela = 5365.308 Located At Horizontal Angle = 225, Vertical Angle = 11  
# 1 - Vertical Plane Through Horizontal Angles (225 - 45) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (11) (Through Max. Cd.)

**Isoilluminance Diagram**



Mounting Height	Multiplier
10	6.250
15	2.778
20	1.563
25	1.000
30	0.694
35	0.510
40	0.391
45	0.309
50	0.250

Mounting Height = 25'. Each box is one mounting height.

## ORDERING GUIDE

<b>AWL3</b>	-	<b>LED103</b>	-		-		-	
		<b>VOLTAGE</b>		<b>COLOUR TEMP</b>		<b>FINISH</b>		<b>OPTIONS</b>
		<b>B - 120 - 277V*</b>		<b>5K - 5000K*</b>		<b>BRZ - BRONZE*</b>		<b>V - Visor</b>
		<b>A - 120V</b>		<b>4K - 4000K</b>		<b>CC - CUSTOM</b>		<b>WG - Wire Guard</b>
		<b>F - 277V</b>		<b>3K - 3000K</b>		<b>COLOR</b>		<b>PCL - Polycarbonate Lens</b>
								<b>DMS - Dimmable Sensor</b>
								<b>SMS - On/Off Sensor</b>
								<b>PCA - 120V Photocell**</b>
								<b>PCF - 277V Photocell**</b>

\* Standard configuration

\*\* Chosen photocell option must be the same as voltage