RDA LIGHTING

The AWL2-LED80 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.

Project	
Type	
Date	
Notes	

APPLICATIONS

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

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 AWL2-LED80 has two LED Chips On Board (COBs) that deliver 7467 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 78W. The standard unit has a high efficiency driver that operates at 120V - 277V.
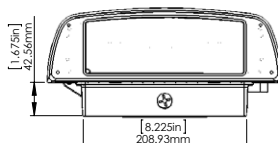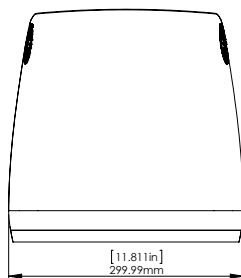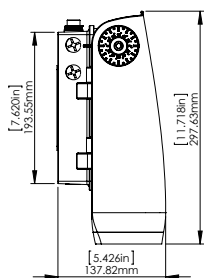
Finish
Standard finish is Bronze. Also available in Black or White. Please consult factory for custom colour.

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

Equivalent to	**up to 250W MH**
Input Watts	**78W**
Lumens	**7467 lumens**
Efficiency	**96 lumens per watt**

Operating Temperature	-40°C – +40°C
Certification	cUL, DLC, IP65 meets LM79, LM80
LED life	100,000 hours
Colour Temperature	5000K (standard) 4000K, 3000K (option)
Warranty	5 Years
Total Harmonic Distortion	10%
Power Factor	0.982

DIMENSIONS

[7.620in] 193.55mm
[11.718in] 297.63mm
[5.426in] 137.82mm
[11.811in] 299.99mm
[1.675in] 42.56mm
[8.225in] 208.93mm

Shown with optional Motion Sensor

INSTALLATION INFORMATION

1. Open fixture, mount back box to junctiion box

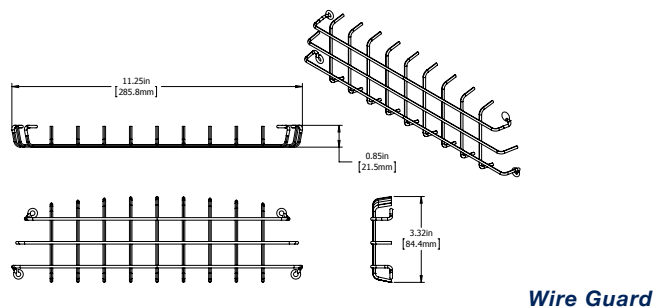**2.** Rest fixture onto hinges and connect wires

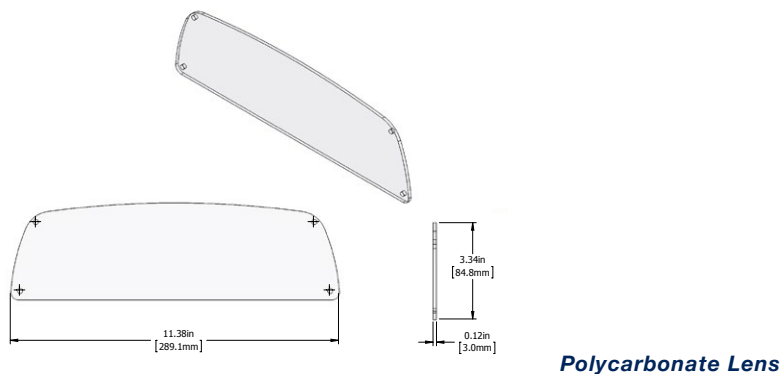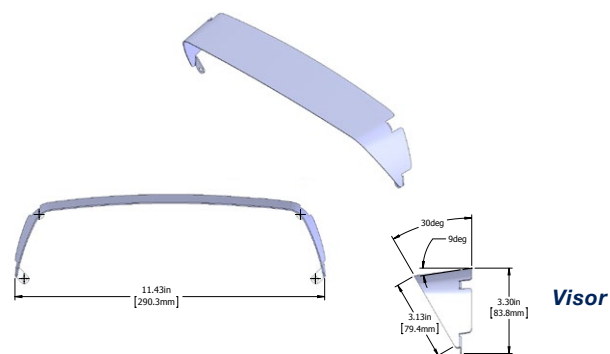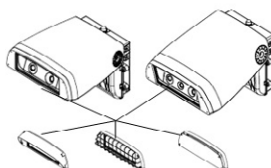**3.** Reattach fixture to back box

4. Use set screw to adjust fixture to desired angle

ACCESSORIES

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

30deg
9deg
11.43in [290.3mm]
3.30in [83.8mm]
3.13in [79.4mm]

Visor

3.34in [84.8mm]
11.38in [289.1mm]
0.12in [3.0mm]

Polycarbonate Lens

11.25in [285.8mm]
0.85in [21.5mm]
3.32in [84.4mm]
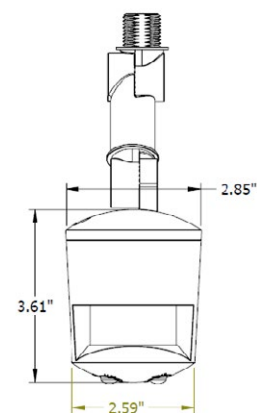
Wire Guard

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

2.85"
3.68"
2.59"
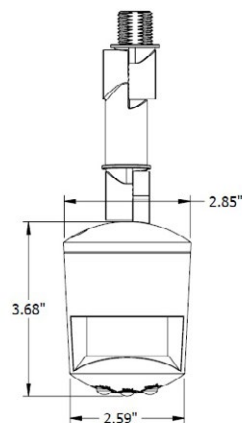
Dimmable Smart Sensor

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.

2.85"
3.61"
2.59"

On/Off Sensor

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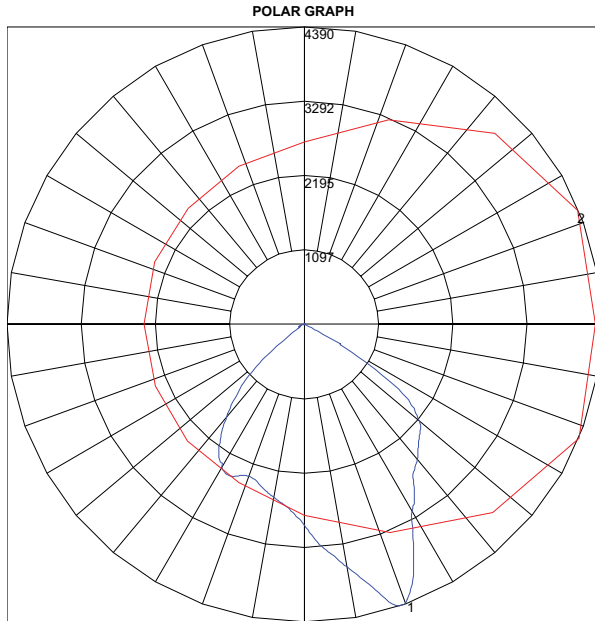
Contact us to learn more.

RDA LIGHTING INC.   222 Islington Avenue, Toronto, ON M8V 3W7 • TEL. 1-855-865-5445 • EMAIL info@rdalighting.com   RDALIGHTING.COM

06 | 2015

PHOTOMETRIC DATA

IESNA:LM-63-2002
[TEST]
[TESTLAB]
[TESTDATE] 2/10/2015
[ISSUEDATE] 2/10/2015
[MANUFAC] RAB DESIGN LIGHTING
[LUMCAT] AWL2-LED80-B-5K-BRZ
[LUMINAIRE] AWL2 SERIES

POLAR GRAPH

Maximum Candela = 4389.723   Located At Horizontal Angle = 337.5, Vertical Angle = 19
1 - Vertical Plane Through Horizontal Angles (337.5 - 157.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (19) (Through Max. Cd.)

CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7467
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	77.31
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	4389.723
Maximum Candela Angle	337.5H 19V
Maximum Candela (<90 Degrees Vertical)	4389.723
Maximum Candela Angle (<90 Degrees Vertical)	337.5H 19V
Maximum Candela At 90 Degrees Vertical	6.142 (0.1% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	12.987 (0.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

Isoilluminance Diagram
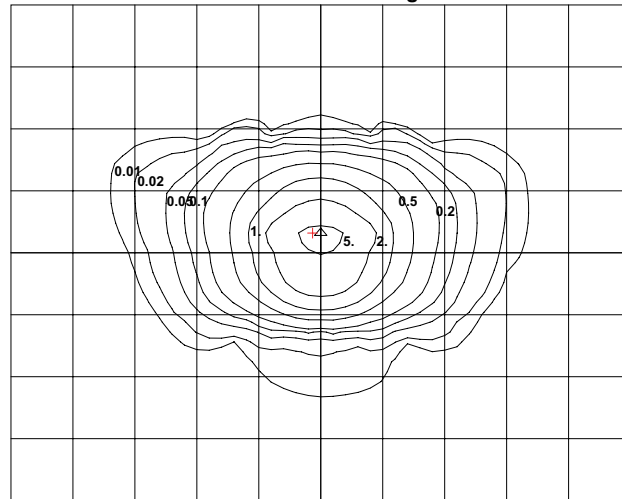
Mounting Height	Multiplier
10	5.760
15	2.560
20	1.440
25	0.922
30	0.640
35	0.470
40	0.360
45	0.284
50	0.230

Mounting Height = 24 '. Each box is one mounting height.

ORDERING GUIDE

AWL2	–	LED80	–		–		–		–	

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

* Standard configuration
** Chosen photocell option must be the same as voltage

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