RDA LIGHTING

MS 180S
On/Off Motion sensor

The MS 180S is a fully adjustable motion sensor that can be set for dusk to dawn operation and other custom applications

Project	
Type	
Date	
Notes	

APPLICATIONS

Ideal for use on building perimeters and entrances.

SPECIFICATIONS

Construction
Durable polycarbonate construction. An adjustable aluminum extension arm is included with the sensor. The arm has two joints that are connected by screws and rotate 180° along the vertical axis. It can be detached from the sensor when not required.

Electrical
The sensor consumes negligible power and has a load rating of 200W. The unit has surge suppression of 4kV.

Mounting
Standard unit comes with 1/2" NPS threaded arm that fits on all standard boxes, covers and fixture knockouts. Fixture can be mounted from the bottom or the side conduit access. Ensure sensor faces downward toward desired detection range.

Load rating
200W

Voltage
120 - 277V

Surge Suppression
4kV

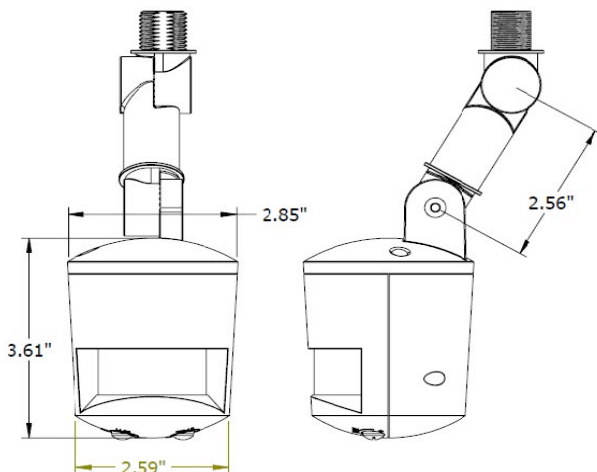### Detection range
180°

Detection method
Passive Infrared

Sensor range
50 feet X 180° X at 8 feet mounting height

Time adjustment
5 secs to 7 minutes

Daylight Adjustment
Fully adjustable for 24 hour operation or custom applications

Ideal mounting height	**8' - 12'**
Operating Temperature	**-40°C to +40°C**
Certification	**cCSAus**
Warranty	**5 years**
Weight	**0.75 lbs**

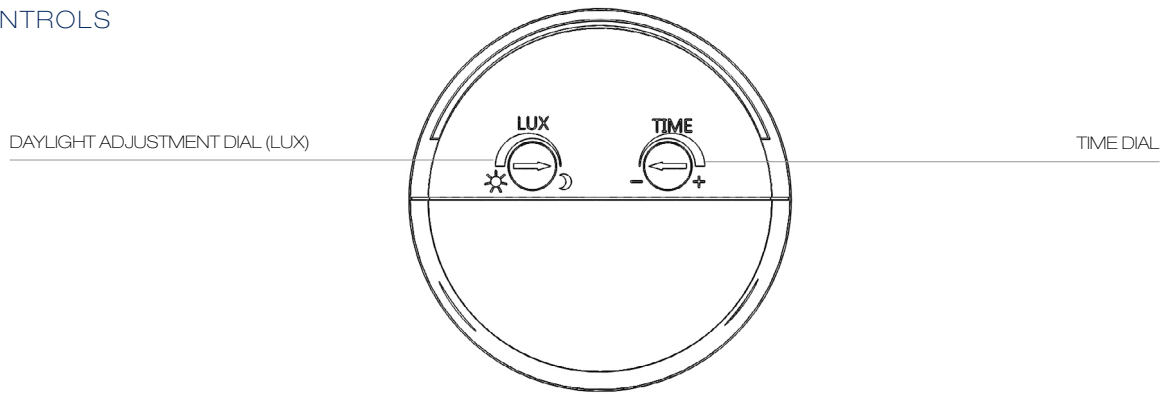## DIMENSIONS

2.85"

2.56"

3.61"

2.59"

Sensor shown with VEK LED fixture mounted from side conduit access of fixture.

Sensor shown with AWL LED fixture mounted from bottom conduit access of fixture

CONTROLS

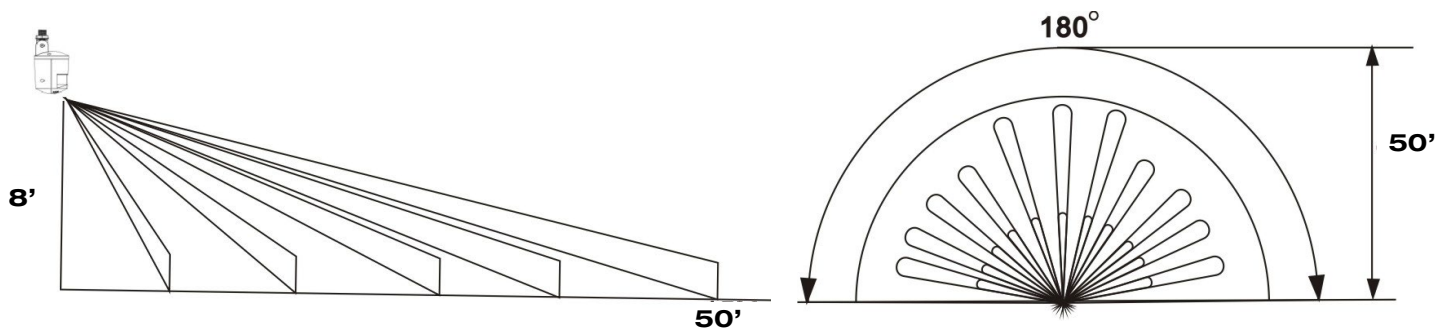DAYLIGHT ADJUSTMENT DIAL (LUX)

LUX   TIME

TIME DIAL

CONTROLS

Daylight Adjustment Dial (LUX)
Deactivates lights during daylight. Fully adjustable for 24 hour operation or custom applications. For normal dusk (night) operation set the dial about three-quarters of a turn towards the "moon" symbol.
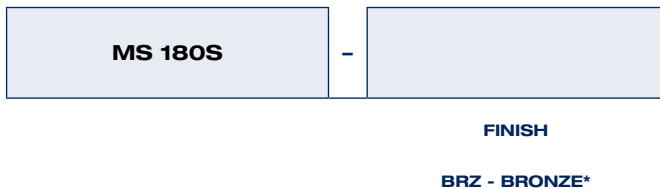
Time Dial
Controls how long the light will remain on once activated. The range is from 5 seconds to 30 minutes.

DETECTION RANGE

8'

50'

180°

50'

ORDERING GUIDE

MS 180S	–	

FINISH

BRZ - BRONZE*

* Standard configuration