

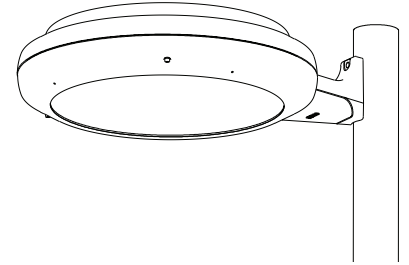
Job:  
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# Avaround

## Area Luminaires

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The Avaround is a low profile, sleek, curvilinear full cutoff luminaire utilizing HID and fluorescent lamps. A one-piece die cast aluminum housing mounts directly to a pole or wall without the need of a separate support arm. Multifaceted arc image duplicating optical systems provide IES Types III, IV and V distributions. The single-piece die cast aluminum door frame retains an optically clear tempered flat glass lens. The luminaire is completely sealed and gasketed preventing intrusion from moisture, dust and insects. Avaround luminaires are finished with a fade and abrasion resistant TGIC powdercoat.



Flat glass lens luminaires provide full cutoff performance.

| PREFIX               | MOUNTING             | DISTRIBUTION         | WATTAGE              | VOLTAGE              | FINISH               | OPTIONS              |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
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Enter the order code into the appropriate box above. Note: Philips Stonco reserves the right to refuse a configuration. Not all combinations and configurations are valid. Refer to notes below for exclusions and limitations. For questions or concerns, please consult the factory.

### PREFIX

**AVR** Avaround Horizontal Lamp Luminaire

### MOUNTING

**1** Single Pole Mount  
**2** Twin Pole Mount at 180°  
**2@90** Twin Pole Mount at 90°  
**3** 3-way Pole Mount at 90°  
**3@120°** 3-way Pole Mount at 120°  
**4** 4-way Pole Mount  
**W** Wall Mount  
**WS** Wall Mount with Surface Conduit

### DISTRIBUTION

**3** IES Type III  
**F** IES Type IV Forward Throw  
**5** Type V  
**MTS** Medium Throw with Solite Lens (Fluorescent only)

Type 3 reflectors ship as Type F. Removal of an insert converts the reflector to Type 3.

### WATTAGE

|  |                                 |                              |                            |
|--|---------------------------------|------------------------------|----------------------------|
| Pulse Start MH Magnetic Ballast  | <b>100MH<sup>1</sup></b>        | <b>250PSMH<sup>ⓔ</sup></b>   | <b>350PSMH<sup>ⓔ</sup></b> |
|  | <b>150MH<sup>1</sup></b>        | <b>250PS90<sup>**ⓔ</sup></b> | <b>400PSMH<sup>ⓔ</sup></b> |
|  | <b>175PSMH<sup>ⓔ</sup></b>      | <b>320PSMH<sup>ⓔ</sup></b>   |                            |
| Standard MH Magnetic Ballast   | <b>175MH<sup>*</sup></b>        | <b>250MH<sup>*</sup></b>     | <b>400MH<sup>1,*</sup></b> |
| High Pressure Sodium Magnetic Ballast  | <b>150HPS</b>                   | <b>250HPS</b>                | <b>400HPS</b>              |
| Compact Fluorescent  | <b>(3)42TRF<sup>2,3,4</sup></b> |                              |                            |
| <p>* 175MH, 250MH and 400MH not available for sale in the United States.<br/> ** 250 watt Pulse Start Metal Halide with a 90% efficient magnetic ballast. Complies with California Title 20 effective 1/1/2010. Available in 120, 208, 240 or 277V only.</p> |                                 |                              |                            |
| <p><b>ⓔ</b> Wattages marked with Circle "E" meet federal energy efficiency standards applicable to 150 watt through 500 watt metal halide luminaires only.</p>   |                                 |                              |                            |

### VOLTAGE

**120** **UNIV** (Fluorescent only)  
**208** Accepts 120V through 277V, 50hz to 60hz input.  
**240**  
**277**  
**347**  
**480**

1. Requires mogul base lamps.

2. Fluorescent luminaires feature electronic ballasts that accept 120V through 277V, 50hz to 60hz, input. Specify "UNIV" voltage for 120V through 277V.

3. Fluorescent available in MTS optics only.

4. Fluorescent luminaires not available in 347V or 480V.

### FINISH

|            |  |
|------------|--|
| <b>BRP</b> | Bronze Paint   |
| <b>BLP</b> | Black Paint  |
| <b>NP</b>  | Natural Aluminum Paint   |
| <b>WP</b>  | White Paint  |
| <b>BGP</b> | Beige Paint  |
| <b>OC</b>  | Optional Color Paint<br><i>Specify Optional Color or RAL ex: OC-LGP or OC-RAL7024.</i> |
| <b>SC</b>  | Special Paint<br><i>Specify. Must supply color chip.</i>                               |

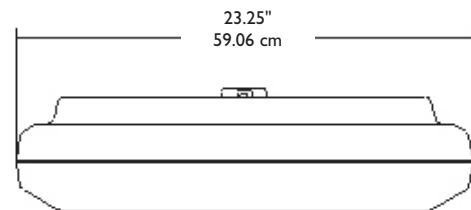
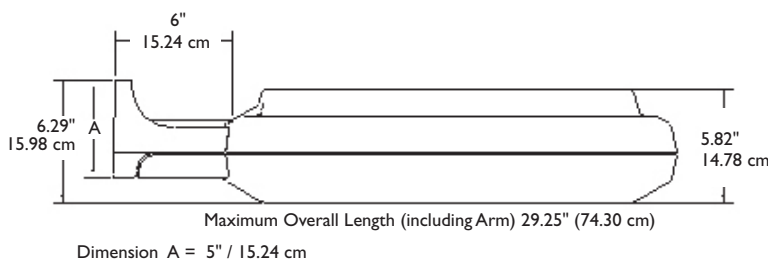
### OPTIONS<sup>5</sup>

|                           |   |
|---------------------------|---|
| <b>HS<sup>6</sup></b>     | External House Side Shield                |
| <b>LF<sup>7</sup></b>     | In-Pole/In-Line Fusing                    |
| <b>PC<sup>8</sup></b>     | Photocontrol Receptacle with Photocontrol |
| <b>PCR</b>                | Photocontrol Receptacle Mast Arm Fitter   |
| <b>MF<sup>9</sup></b>     | Mast Arm Fitter                           |
| <b>PTF2</b>               | Pole Top Fitter 2.375" X 4"               |
| <b>PTF3</b>               | Pole Top Fitter 3" - 3.5" X 6"            |
| <b>PTF4</b>               | Pole Top Fitter 3.5" - 4" X 6"            |
| <b>QS<sup>10</sup></b>    | Quartz Standby                            |
| <b>QST<sup>10</sup></b>   | Quartz Standby - Timed Delay              |
| <b>Q924<sup>10</sup></b>  | Quartz Emergency                          |
| <b>QT924<sup>10</sup></b> | Quartz Emergency - Timed Delay            |
| <b>WG</b>                 | Wire Guard                                |
| <b>POLY<sup>11</sup></b>  | External Polycarbonate Shield             |
| <b>TB</b>                 | Terminal Block                            |

5. Luminaires shipped complete from stock require field installation of all options.
6. Supplied standard in black only.
7. Kit includes In-Line Fuses.
8. Not available with 480V.
9. Requires 2 3/8" O.D. Mast Arm.
10. See QS/Q924 Table.
11. 250 watt maximum.

| (Note 10) QS / Q924 Table                                |                           |
|--|---------------------------|
| HID Lamp Watts   | Maximum Quartz Lamp Watts |
| 175 watts or less  | 100 Watts                 |
| Above 175 watts up to 400 watts                          | 150 Watts                 |
| QS, QST, Q924 and QT924 options not available with 480V. |                           |

### DIMENSIONS AND EPA



| Avaround                        | Effective Projected Area (EPA)             |  |   | Approximate Weight / Single |
|---------------------------------|--|--|---|-----------------------------|
|                                 | Single                                     | Twin                                       | 3/4   |                             |
| Flat Lens                       | 0.5 ft <sup>2</sup><br>.047 m <sup>2</sup> | 1.0 ft <sup>2</sup><br>.093 m <sup>2</sup> | 1.25 ft <sup>2</sup><br>.117 m <sup>2</sup> | 38 lbs<br>17.24 kg          |
| With External House Side Shield | 0.6 ft <sup>2</sup><br>.056 m <sup>2</sup> | 1.2 ft <sup>2</sup><br>.112 m <sup>2</sup> | 1.45 ft <sup>2</sup><br>.135 m <sup>2</sup> |                             |

### SPECIFICATIONS

**GENERAL SPECIFICATIONS:** Each Avaround luminaire is a low profile, curvilinear cutoff luminaire defined by its sleek rounded profile and rugged construction.

**HOUSING:** The housing is one-piece die cast aluminum and mounts directly to a pole or wall without the need of a separate support arm. The low profile rounded form reduces the E.P.A. (Effective Projected Area) of the luminaire to only 0.5 square feet (0.047 square meters).

**DOOR/LENS ASSEMBLY:** The door frame is single-piece die cast aluminum and retains an optically clear tempered flat glass lens. The die cast aluminum lens frame hinges down from the housing and is secured by a retainer bracket. The tempered flat glass lens is mechanically secured with six (6) retainers. The electrical and optical chambers are thoroughly sealed with an extruded one-piece memory retentive silicone gasket to prevent intrusion from moisture, dust, insects and other contaminants.

**OPTICAL SYSTEMS:** The segmented reflector system consists of two tiers of highly specular aluminum facets, precisely aligned to achieve specific photometric distributions. Optical systems are rotatable in 90° increments.

The position-oriented mogul base lampholder is glazed porcelain with a nickel plated screw shell.

Fluorescent luminaires use a Medium Throw reflector with a Solite glass lens (MTS).

**ELECTRICAL:** All electrical components are UL recognized and factory tested. Electronic and magnetic HID ballasts are high power factor. Magnetic HID ballasts are the separate component type. Electronic and magnetic HID ballasts are capable of providing reliable lamp starting down to -20°F / -29°C. Standard fluorescent ballasts are solid state.

**FINISH:** Each standard color luminaire receives a fade and abrasion resistant electrostatically applied thermally cured triglycidal isocyanurate (TGIC) textured polyester powdercoat finish. Standard colors include Bronze (BRP), Black (BLP), White (WVP), Natural Aluminum (NP) and Beige Paint (BGP). Consult factory for specifications on custom colors.

**LABELS:** All luminaires bear U.L. or C.U.L. (where applicable) Wet Location labels.

**WARRANTY:** Avaround luminaires feature a 1 year limited warranty. See Warranty Information for complete details and exclusions.

**FULL CUTOFF PERFORMANCE:** Full cutoff performance means a luminaire distribution where zero candela intensity occurs at an angle at or above 90° above nadir. Additionally, the candela per 1000 lamp lumens does not numerically exceed 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

**CUTOFF PERFORMANCE:** Cutoff performance means a luminaire distribution where the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle at or above 90° above nadir, and 100 (10 percent) at a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.

