SP1 (LED) – Spectra Large Scale

1. LUMINAIRE
   SP1 Spectra large scale. Slips over a 4”/100mm pole

2. HOOD STYLE
   ANGLED ANG  FLARED FLR  STRAIGHT STR  DOUBLE DBL

3. OPTICAL SYSTEM
   Y2-32LED (Type 2)
   Y3-32LED (Type 3)
   Y4-32LED (Type 4)
   Y5-32LED (Type 5)

4. COLOR TEMPERATURE
   3K (3000K Warm White)
   4K (4000K Neutral White)
   5K (5000K Bright White)

5. DRIVE CURRENT (120 thru 277 volt)
   550 (57 watts)

6. HOOD FINISH (Optional)
   STS (Stainless Steel)
   COP (Natural Copper)

7. COLOR
   WH Arctic White
   BL Black
   BLT Matte Black
   DB Dark Bronze
   DGN Dark Green
   TT Titanium
   WDB Weathered Bronze
   MDB Bronze Metallic
   VBLJ Verde Blue
   CRT Corten
   MAL Matte Aluminum
   MG Medium Grey
   AGN Antique Green
   LG Light Grey
   RAL Premium Color
   CUSTOM * * Contact Factory

8. OPTIONS
   ADS SP1 adaptor. Designed to slip over a 5”/127mm O.D. pole
   LDL Lightly diffused lens
   SCP (Sensor Control Programmable) pole accessory is available to provide occupancy detection for outdoor applications meeting California Title 24. For complete spec sheet and ordering information, visit www.aal.net/
   products/sensor_control_programmable/

9. MOUNTING
   All arms regardless of hood diameter have a 4”/100mm distance from the edge of the shade to the pole centerline or face of the wall.
   AWM1 Wall plate is 8.5”/216mm x 4.75”/120mm
   SAP1 Pole Mount slips over a 4”/100mm pole
   TAP1 Pole Mount slips over a 4”/100mm pole

SPECIFICATIONS
   HOUSING
     • Luminaires shall accept 120 thru 277 50/60Hz input voltage have integral surge protection and wire leads for controls.
     • Drivers shall be U.L recognized, have a minimum starting temperature of -30°C and have a 0-10v dimming interface with a dimming range of 10-100%.
     • Drivers shall have a power factor ≥ 90 and THD of ≤20% at full load with an inrush current maximum of <20.0 Amps maximum at 230VAC.
     • Drivers shall not be compatible with current sourcing dimmers, consult factory for current list of known compatible dimming systems.
     • Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NFTTV.
     • LifeShield™ shall be provided with all configurations for added protection in the event of abnormally excessively high ambient temperature conditions.
     • Surge protector shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20µsec wave and surge rating of 372J.

ELECTRICAL
   • LED optics shall be injection molded PMMA and be mounted to a metal printed circuit board with a uniform conformal coating over the panel surface and electrical features.
   • Vertical struts shall be 316 stainless steel tubing.
   • All internal and external hardware shall be stainless steel.

ARCHITECTURAL AREA LIGHTING
16555 East Gale Ave. | City of Industry | CA 91745
P 626.968.5666 | F 626.369.2695 | www.aal.net
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Luminaire shall be listed with ETL for outdoor, wet location use, UL1598, UL 8750 and Canadian CSA Std. C22.2 no. 250. Luminaire housing, finish and optical module shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this manufacturer’s limited warranty. AAL reserves the right to change product specifications without notice.

**ARM AND POLE MOUNTING**
- The pole mounted arm for a single fixture (SAP) and pole mounted arm for two fixtures at 180° (TAP) shall have a cast aluminum wall post and fixture fitter with two round horizontal stainless steel bars.
- The post fitter shall slip over a 4”/100 mm pole and be secured with six stainless steel set screws.
- The wall mounted arms for a SP1 fixture shall have a cast aluminum wall plate, cover and fixture fitter with two round horizontal stainless steel bars. The cover shall secure to the wall plate with four stainless steel set screws.

**FINISH**
- Luminaire finish shall consist of a five stage pretreatment regimen with a polymer primer, oven dry off, and top coated with a TGIC polyester powder coat finish.
- Luminaire finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance. The wall mounted arms for a SP1 fixture shall have a TGIC polyester powder coat finish. EPA: 1.08

**CERTIFICATION**
- Luminaire shall be listed with ETL for outdoor, wet location use, UL1598, UL 8750 and Canadian CSA Std. C22.2 no.250, IP65.
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**WARRANTY**
Download: http://www.hubbellighting.com/resources/warranty/

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**PERFORMANCE DATA (32 LEDS, 550 MA DRIVE CURRENT, 57 WATTS)**

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<th>TYPE</th>
<th>LENS</th>
<th>5K</th>
<th>4K</th>
<th>3K</th>
<th>AMPS@120VAC</th>
<th>AMPS@277VAC</th>
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<td>Y2</td>
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<td>4129</td>
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<td>1</td>
<td>3138</td>
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**Notes**
- CCT AVERAGE
- L70 (hours)
- CRI MINIMUM

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**PROJECTED LUMEN MAINTENANCE**

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<th>AMBIENT TEMP</th>
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<th>60,000</th>
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<td>94%</td>
<td>93%</td>
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<td>40°C/104°F</td>
<td>100%</td>
<td>94%</td>
<td>91%</td>
<td>90%</td>
<td>86%</td>
<td>&gt;60,000</td>
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**IES files can be found at www.aal.net**