

# SP10

Spectra™ – Very Large Scale

1	2	3	4	5
LUMINAIRE	LAMP/BALLAST	HOOD FINISH	COLOR	OPTIONS
SP10				



SPECTRA  
VERY LARGE SCALE HOUSING



SP10



SPECTRA FAMILY OF FIXTURES



SP1

SP2

SP10

SPB

## Features

- Moldcast Pericline® optics with a Type 5 distribution
- Symmetric or asymmetric distribution
- Up to 250 watt HID with pulse start ballasts
- EISA compliant
- IP54 rated
- Powder coat finish in 13 standard colors with a polymer primer sealer

**JOB INFORMATION**

TYPE \_\_\_\_\_

JOB NAME \_\_\_\_\_

LAMP (BY OTHERS) \_\_\_\_\_

CUSTOMER \_\_\_\_\_

DATE \_\_\_\_\_

*Consult factory for any custom/modified products*

APPROVALS



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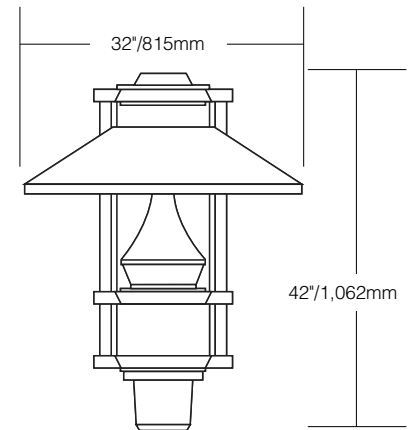
### 1. LUMINAIRE

- SP10 Spectra Very Large Scale  
WT: 65 lbs EPA: 4.0 IP: 54  
Slip over a 5"/127mm O.D. pole

### 2. LAMP/BALLAST

- 100MH 100 watt metal halide 120/208/240/277 volt ballast.  
Use mogul base, ED-28 lamp.
- 150PSMH Pulse start 150 watt metal halide 120/208/240/277 volt ballast.  
Use mogul ballast, ED-28 lamp.
- 200PSMH Pulse start 200 watt metal halide 120/208/240/277 volt ballast.  
Use medium base ED-17 lamp.
- 250PSMH Pulse start 250 watt metal 120/208/240/277 volt ballast.  
Use mogul base ED-28 lamp.
- 150HPS 150 watt high pressure sodium 120/208/240/277 volt ballast.  
Use medium base, ED-23 1/2 lamp.
- 200HPS 200 watt high pressure sodium 120/208/240/277 volt ballast.  
Use medium base, ED-18 lamp.
- 250HPS 250 watt high pressure sodium 120/208/240/277 volt ballast.  
Use medium base, ED-18 lamp.
- IL-55 55 watt, induction lamp system with high frequency generator.  
Specify 120, 208, 240, or 277 volt. -25°C min starting temperature.
- IL-85 85 watt, induction lamp system with high frequency generator.  
Specify 120, 208, 240, or 277 volt. -25°C min starting temperature.

*\* All fixtures prewired for 277 volts, unless specified.  
Lamps not included. LED drivers are universal input.*



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### 3. HOOD FINISH (OPTIONAL)

Hood finish will match luminaire finish unless selecting one of these options

- COP Natural copper
- 
- Hood underside is unfinished to develop a patina.

### 6. COLOR

- |   |   |
|---|---|
| <input type="checkbox"/> AWT Arctic White     | <input type="checkbox"/> MAL Matte Aluminum   |
| <input type="checkbox"/> BLK Black            | <input type="checkbox"/> MDG Medium Grey  |
| <input type="checkbox"/> MTB Matte Black      | <input type="checkbox"/> ATG Antique Green  |
| <input type="checkbox"/> DGN Dark Green       | <input type="checkbox"/> LGY Light Grey   |
| <input type="checkbox"/> DBZ Dark Bronze      | <input type="checkbox"/> RAL/<br>PREMIUM<br>COLOR Provide a RAL 4 digit<br>color number |
| <input type="checkbox"/> WRZ Weathered Bronze | <input type="checkbox"/> CUSTOM<br>COLOR Please provide a color<br>chip for matching    |
| <input type="checkbox"/> BRM Metallic Bronze  |   |
| <input type="checkbox"/> VBL Verde Blue       |   |
| <input type="checkbox"/> CRT Corten           |   |

### 7. OPTIONS

- 347 347 volt ballast 120/227/347. **Not available with electronic ballast.**
- 
- ASY Asymmetric distribution-field installed
- 
- HSS House Side Shield-field installed
- 
- LDL Lightly diffused lens
- 

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### HOUSING

The fixture housing shall be all cast aluminum, A356 alloy, free of any porosity, foreign materials, or cosmetic fillers. The ballast shall be mounted internally and accessed by loosening two captive bolts and lifting off the top of the fixture. The top cover shall be hinged and secured with one captive tool-less fastener for relamping. The top shall seal with a molded silicone gasket. The upper reflector cone shall be matte finished anodized aluminum. The lens shall be clear seamless acrylic sealed to the housing with a molded silicone gasket on the top and bottom. The vertical struts shall be 316 stainless steel tubing. All internal and external hardware shall be stainless steel. All female threads on the aluminum parts shall be cast-in-place brass inserts to ensure no thread seizure.

The fixture shall slip over a 5"/127 mm O.D. pole and secured with six stainless steel set screws.

The shade is spun from 6061 T-6 aluminum, 316 stainless steel or 110 copper. The shade has a beaded edge for added strength. The underside of the painted shades only are finished in a high reflectance white powder coating. Copper shade is unfinished to develop a patina.

The reflector assembly is the Moldcast Pericline optics with an upper collecting reflector and lower distributing reflector, with a type five distribution.

### ELECTRICAL

The ballast is integral to the fixture, mounted on a prewired module with a quick disconnect plug. The ballast module has two keyhole slots and is removable by loosening two screws. Socket is pulse rated porcelain. HID ballasts are high power factor, rated for -30°C starting. Ballasts are multitap, wired at the factory for 277 volts, unless specified.

### FINISH

Fixture finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

### CERTIFICATION

Fixtures shall be listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 NO.9. IP=54

### WARRANTY

Fixture is warranted for three years. Ballast components carry the ballast manufacturer's limited warranty. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments

*AAL reserves the right to change product specifications without notice.*

## Specifications

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