

# SERA 600 S

## Pole Mounted Luminaire

.hess

### DESCRIPTION

The contemporary free-form styling of SERA S is available in single or twin mounting configurations. One piece die-cast aluminum housing with integral adjustable fitter side mounts to the simple steel mounting bracket. Luminaire is standard with full cut-off, sealed optics. It may also be tilted in 5° increments up to 15°. Formed aluminum door latch fits flush to the housing and provides tool-less access to the optical compartment. Frameless tempered glass lens is sealed to the housing with one piece profiled silicone gasket. Fabricated steel bracket with top extension slip fits pole and is secured with recessed setscrews. Mounting bracket and round tapered steel pole with flush hand hole are hot-dip galvanized prior to being finished in finely textured paint. All hardware is stainless steel.



Date: \_\_\_\_\_ Type: \_\_\_\_\_ Catalog Number: \_\_\_\_\_

Project Name: \_\_\_\_\_



### ORDERING INFORMATION

| PRODUCT |                |              |                         |                 |                |               |                            |               |                     |                                                    |                           |                                    |
|---------|----------------|--------------|-------------------------|-----------------|----------------|---------------|----------------------------|---------------|---------------------|----------------------------------------------------|---------------------------|------------------------------------|
| MODEL   | LED MODULE     | CCT          | CONTROL                 | VOLT            | OPTICS         | CONFIGURATION | POLE HEIGHT                | POLE MATERIAL | BASE COVER          | MOUNTING KIT                                       | FINISH                    | OPTIONS                            |
| SR600S  | 1<br>1 Module  | 30K<br>3000K | DIM<br>0-10v<br>Dimming | UNV<br>120-277V | T2<br>Type II  | S<br>Single   | 15<br>15' Round<br>Tapered | A<br>Aluminum | BC<br>Base<br>Cover | MK<br>Mounting Kit<br>(Anchor Bolts<br>+ Template) | BL<br>Black               | GFCI<br>GFCI Receptacle            |
|         | 2<br>2 Modules | 40K<br>4000K |                         |                 | T3<br>Type III | D<br>Double   | XX*                        | S<br>Steel    |                     |                                                    | DB<br>Dark Bronze         | HSS<br>House Side Shield           |
|         | 3<br>3 Modules |              |                         |                 | T4<br>Type IV  |               |                            |               |                     |                                                    | DG<br>Dark Grey           | TVSS20<br>20KV Surge<br>Suppressor |
|         |                |              |                         |                 | T5<br>Type V   |               |                            |               |                     |                                                    | GG<br>Graphite Grey       |                                    |
|         |                |              |                         |                 |                |               |                            |               |                     |                                                    | SG<br>Silver Grey         |                                    |
|         |                |              |                         |                 |                |               |                            |               |                     |                                                    | CC<br>Custom RAL<br>Color |                                    |

\*Other- Specify height in feet

## SPECIFICATIONS

### HOUSING

One-piece luminaire housing and fitter are die-cast aluminum. Housing includes compartment for LED optical system and driver. Hinged frameless tempered glass lens is sealed to the housing with one-piece profiled silicone gasket when closed and secured with a single latch assembly. Formed aluminum door latch is flush to the housing when closed and provides tool-less access to the field replaceable LED light engine and driver. Luminaire side mounts to 2" pipe size bracket and is secured with two setscrews. Luminaire tilt angle may be adjusted from 0° to 15° in five degree increments. All hardware is stainless steel.

### OPTICS

Optics include a choice of two or three individual LED modules. Each module consists of a field replaceable aluminum core PCB with four high-power LEDs and a single piece lens molded from optical quality acrylic. Light distributions include a choice of Type II, III, or IV optics. Luminaire emits zero uplight at 90 degrees horizontal and above and is suitable for use in all LEED lighting zones. CRI is 80+.

### ELECTRICAL

Electronic LED driver supplies 700mA drive current to LED modules with input voltage range from 120v through 277v at 50/60Hz. Power consumption is 72 watts for models with two modules and 108 watts for models with three modules. Optional 0-10v DC dimming is available on request.

### LED DELIVERED LUMENS / BUG RATING

| 3000K<br>2 MODULES             | 3000K<br>3 MODULES             | 4000K<br>2 MODULES             | 4000K<br>3 MODULES             |
|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| TYPE II = 5068 LMS / B1-U0-G1  | TYPE II = 7602 LMS / B1-U0-G1  | TYPE II = 5398 LMS / B1-U0-G1  | TYPE II = 8096 LMS / B2-U0-G1  |
| TYPE III = 5126 LMS / B1-U0-G1 | TYPE III = 7689 LMS / B2-U0-G1 | TYPE III = 5459 LMS / B2-U0-G1 | TYPE III = 8189 LMS / B2-U0-G1 |
| TYPE IV = 4639 LMS / B1-U0-G1  | TYPE IV = 6959 LMS / B2-U0-G1  | TYPE IV = 4941 LMS / B1-U0-G1  | TYPE IV = 7411 LMS / B2-U0-G2  |

NOTE : Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for current technical data.

### POLE

Fabricated aluminum bracket assembly is composed of 2" pipe (2 3/8" O.D.) welded to the slip fitter. Integral slip fitter has two rows of three recessed stainless steel setscrews for mounting to 3" O.D. pole and has built-in stop to limit insertion depth to 4.5". Bracket length may be ordered in 1' increments. Round tapered pole is available in steel or aluminum.

Steel pole is manufactured from cold drawn over mandrel, electric-weld, mechanical round steel tubing with nominal wall thickness of 0.142". Flush mounted hand hole cover is plasma cut with kerf not to exceed 1/8" and includes triangular tamper-resistant locking device. Pole is hot-dip galvanized with coating inside and out, then lightly sanded prior to painting. One-piece base cover is 0.080" spun aluminum and finished to match the pole. Nominal pole height is 15'. Contact factory for aluminum pole offerings.

### FINISH

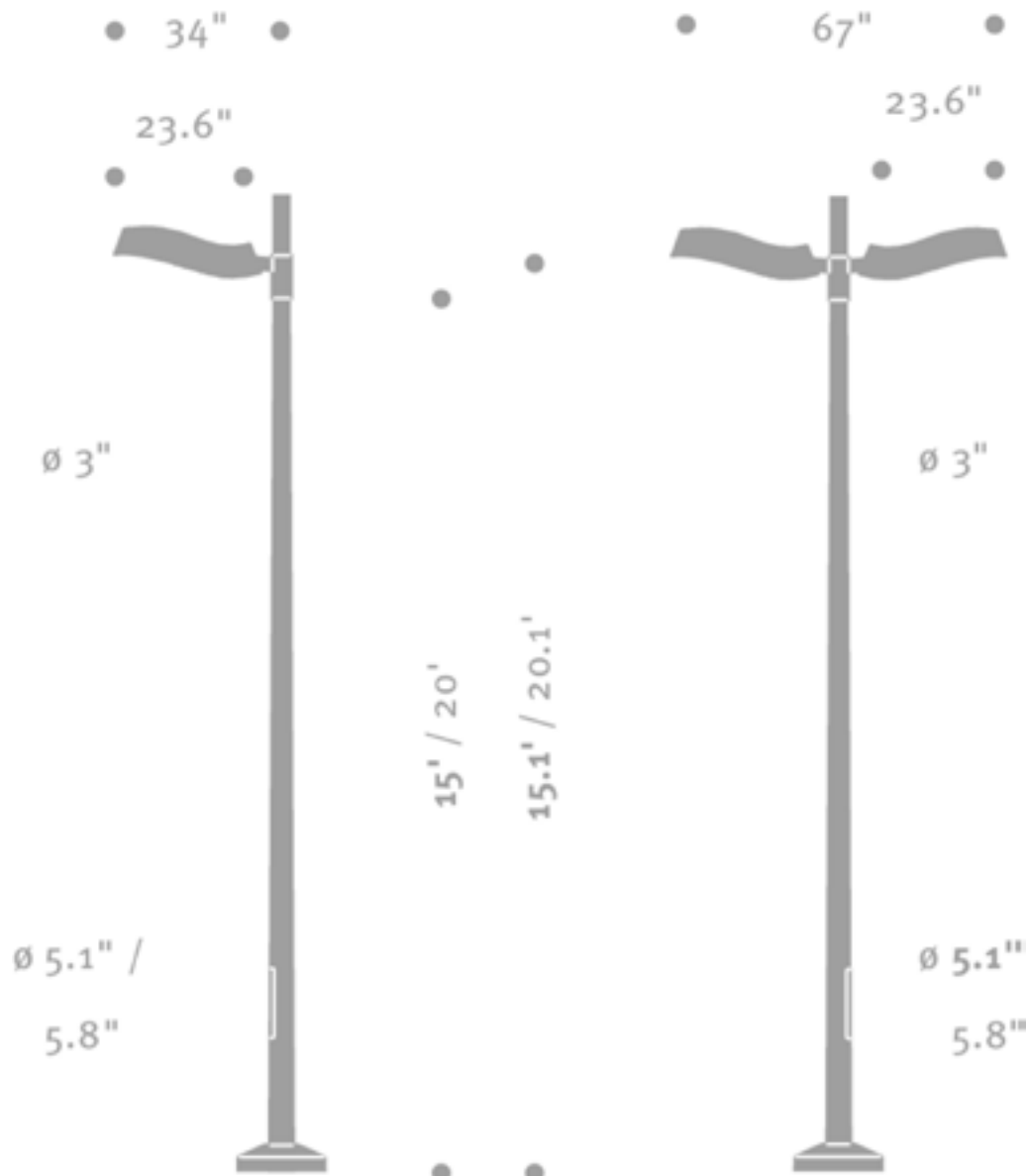
Housing is cleaned ultrasonically prior to painting. Standard Primar® finish is finely textured matte silver metallic, dark grey, graphite grey, black, or dark bronze. Special RAL colors available on request.

### WARRANTY

Limited product warranty period including the LEDs is five years. Driver shall carry the manufacturer's limited warranty.

DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



## MOUNTING DETAILS

All dimensions are shown in inches unless otherwise noted.

