

SERA 600 SG

Pole Mounted Luminaire

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DESCRIPTION

Gently arcing pole complements the free-form styling of SERA to create a harmonious appearance. The die-cast aluminum housing is paired with appropriately scaled pole heights and produces a full cut-off asymmetric distribution pattern. It may be tilted in 5° increments up to 15°. Formed aluminum door latch fits flush to the housing, providing tool-less access. Frameless tempered glass lens and one piece profile silicone gasketing provide sealed optics when closed. Curved round tapered steel pole is 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	BASE COVER	MOUNTING KIT	FINISH	OPTIONS
SR600SG	1 1 Module	30K 3000K	DIM 0-10v Dimming	UNV 120-277V	T2 Type II	S Single	17 17' Round Taper Curve	BC Base Cover	MK Mounting Kit (Anchor Bolts + Template)	BL Black	GFCI GFCI Receptacle
	2 2 Modules	40K 4000K			T3 Type III		23 23' Round Taper Curve			DB Dark Bronze	HSS House Side Shield
	3 3 Modules				T4 Type IV					DG Dark Grey	TVSS20 20KV Surge Suppressor
					T5 Type V					GG Graphite Grey	
										SG Silver Grey	
										CC Custom RAL Color	

BANNER ARM ACCESSORY				
BANNER ARM TYPE	BANNER WIDTH	BANNER LENGTH	ORIENT ²	HEIGHT TOP OF BANNER
BA-S Single Banner Arm Set	18 18 inches	30 30 inches	0 0°	XX
	24 24 inches	48 48 inches	90 90°	
		60 60 inches	180 180°	
		72 72 inches	270 270°	

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 2 MODULES	3000K 3 MODULES	4000K 2 MODULES	4000K 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 arm bolts to the pole 2.5' from the top with stainless steel fasteners. Square tubing welded to the underside of the bracket arm acts as a wire way for the luminaire power cable. Round and curved steel pole is manufactured from cold drawn over mandrel, electric-weld, mechanical round steel tubing with nominal wall thickness of 0.157". Pole curvature projects centerline of pole top 1.7' from the base. 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. Two-piece base cover with tamper-proof fasteners is fabricated from 0.080" spun aluminum and finished to match the pole. Nominal pole height is 17'.

FINISH

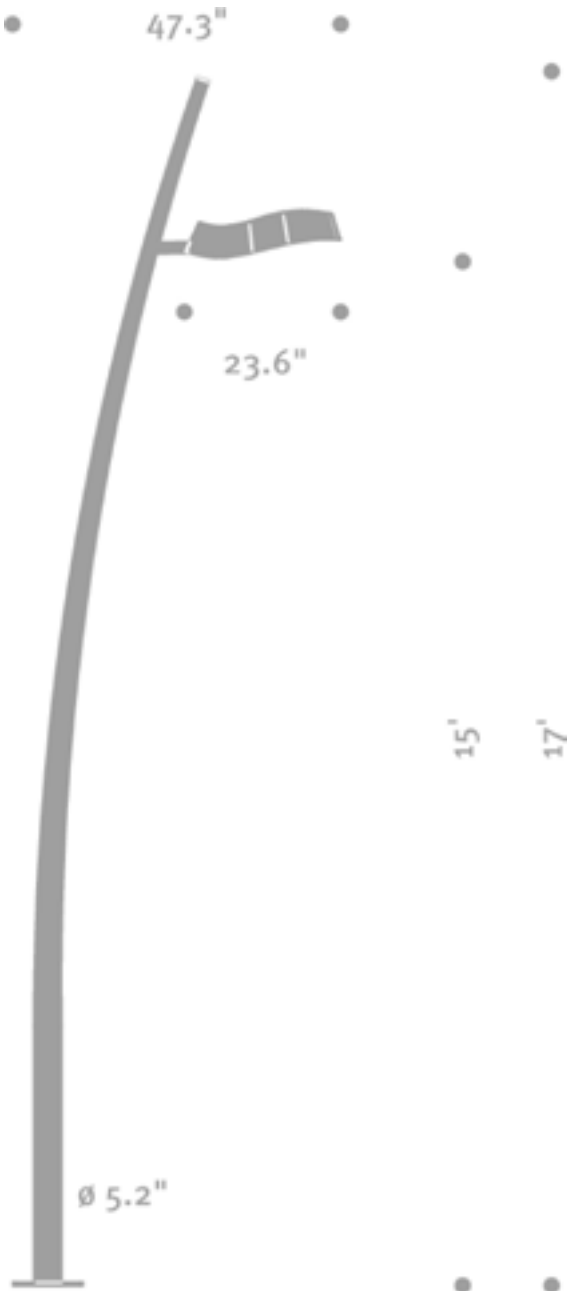
Housing is cleaned ultrasonically prior to painting. Standard Primar® finish is finely textured matte silver metallic, dark grey, graphite grey, black, or dark bronze. Special RAL colors available on request.

WARRANTY

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

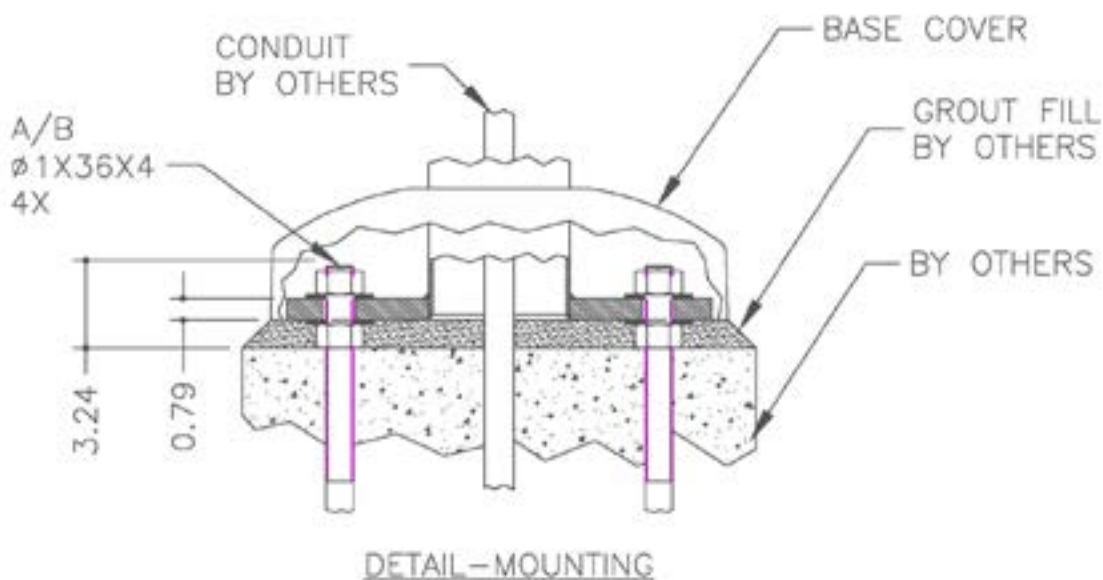
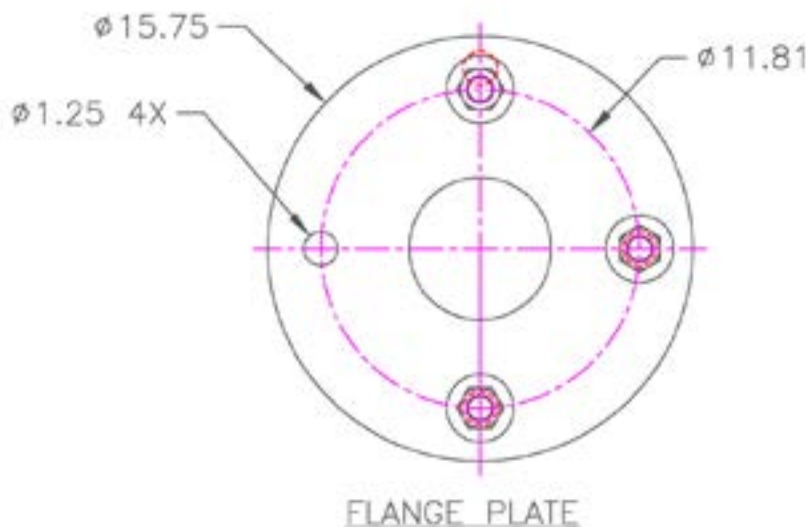
DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



MOUNTING DETAILS

All dimensions are shown in inches unless otherwise noted.



For Sera SR600SG and SR740SG (23' Pole)
Consult Factory for SR740SG (30' Pole) Mounting Details