

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- Four hood styles and four lens elements to configure a look of harmony with your architecture
- Symmetric or asymmetric distribution
- Post-top, wall mount arm, or pole mount arm options
- Adaptable appearance is perfect for contemporary or traditional installations
- Stainless steel struts



Spectra



Spectra Small

SPECIFICATIONS

CONSTRUCTION

- The fixture housing shall be all cast aluminum, A356 alloy, free of any porosity, foreign materials, or cosmetic fillers. 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. Hoods shall have hemmed or beaded edges for added strength
- The hoods shall be spun from 6061 T-6 aluminum. The shade shall have hemmed or beaded edges for added strength. The undersides of the hoods are painted to match the fixture color
- 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

OPTICAL MODULE

- All lenses shall be molded, seamless high impact lighting grade acrylic.
- The GLA element shall be frosted borosilicate glass with a twist on connection to the lower cone assembly. The cone shall be matte finished anodized aluminum.
- Optional LDL lens shall be acrylic with a lightly diffused internal finish

INSTALLATION

- The pole mounted arm for a single fixture (SAP) and pole mounted arm for two fixtures at 180° (TAP) shall have a cast aluminum post top and fixture fitter with two round horizontal stainless steel bars. The post fitter shall slip over a 3"/75mm pole and be secured with six stainless steel set screws
- The wall mounted arms for a SP2 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

ELECTRICAL

- The LED driver shall be integral to the fixture mounted on a prewired module with a quick disconnect plug. The driver shall accept 120 thru 277 volts input, with output drive current of 350ma. Standard color temperatures for LEDs shall be 3000K, 4000K, and 5000K

CONTROLS

- SCP shall have an integral surge protection device with a current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J
- Sensor not intended for use with additional photo-control, wireless control or dimming systems

CERTIFICATIONS

- Fixtures shall be listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 no.250

WARRANTY

- 5 year warranty

KEY DATA	
Lumen Range	1153
Wattage Range	33
Efficacy Range (LPW)	34.9
Weight	42 lbs / 19.05 kg
EPA	1.08 - 1.13

ORDERING GUIDE

Example: SP2-ANG-GLA-18LEDWW-BLS-SCP-SAP2

CATALOG #

HOUSING

SP2					
Luninaire	Hood Style	Lens/Element	Lamp/Ballast	Color	
SP2 Spectra small scale. Standard Post Top Mount 3"/75mm O.D pole	ANG Angled	LDL Lightly Diffused Lens	Symmetric distribution. 20.9 watts 18LED-WW 3000K CCT 18LED-NW 4000K CCT 18LED-BW 5000K CCT Asymmetric distribution. 12.2 watts 9LED-WW 3000K CCT 9LED-NW 4200K CCT 9LED-BW 5100K CCT	BLS Black Gloss Smooth	
	FLR Flared			BLT Black Matte Textured	
	STR Straight			DBS Dark Bronze Gloss Smooth	
	DBL Double			DBT Dark Bronze Matte Textured	
				GTT Graphite Matte Textured	
			LGS Light Grey Gloss Smooth		
			LGT Light Grey Matte Textured		
			PSS Platinum Silver Gloss Smooth		
			VGT Verde Green Matte Textured		
			WHS White Gloss Smooth		
			WHT White Matte Textured		
			Color Option		
			CC Custom Color ¹		

Options		Mounting
AD4	SP2 adaptor. Designed to slip over a 4"/100mm O.D. pole	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
LDL	Lightly diffused lens	
SCP	Sensor Control Programmable pole accessory is available to provide occupancy detection for outdoor applications meeting California Title 24 See SCP spec sheet under controls/ accessories page	Wall Mount AWM2 Wall plate is 6.375"/162mm x 3.5"/89mm WT: 5 lbs. EPA: 0.11 SAP2 Single - Wt: 9lbs EPA: .63 TAP2 Twin - Wt: 12lbs EPA: .83
SF	Single Fuse (120,277,347)	
DF	Double Fuse (208,248,480)	

Notes:
1 Consult factory for custom color, marine and corrosive finish options

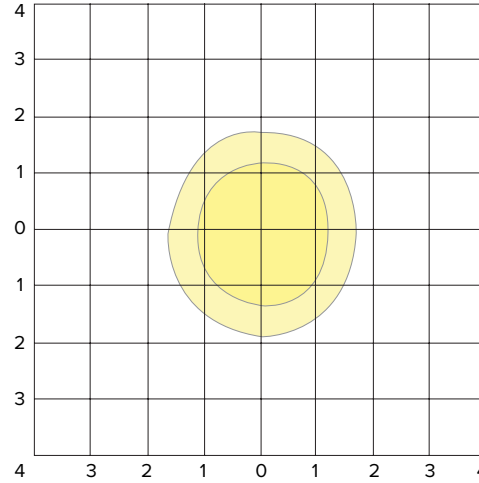
LUMINAIRE DATA

Description	4000K, 70CRI
Delivered Lumens	1100
Watts	20.9
Efficacy	53
IES Type	VS
BUG Rating	B1-U3-G1
Mounting Height	15 ft
Grid Scale	4 ft

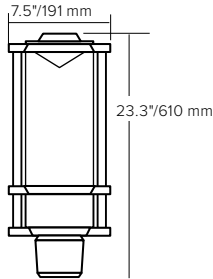
ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	491	45%
Downward House Side	491	45%
Downward Total	952	89%
Upward Street Side	90	8%
Upward House Side	2	3%
Upward Total	118	11%
Total Flux	1100	100%

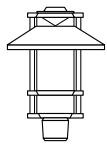
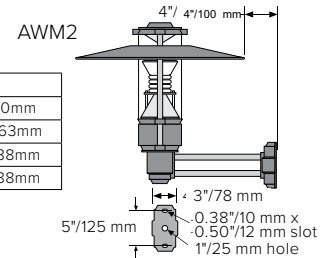
ISOFOOT CANDLE PLOT



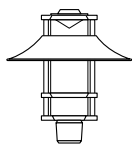
DIMENSIONS



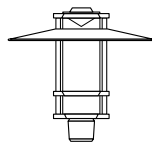
Hood Style	A	B
Angled (ANG)	12"/300mm	24"/600mm
Flared (FLR)	15.25"/381mm	30.5"/763mm
Straight (STR)	15.75"/394mm	31.5"/788mm
Double (DBL)	15.75"/394mm	31.5"/788mm



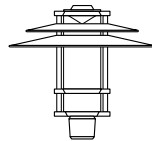
Angled Hood (ANG)
DIA: 16"/407mm



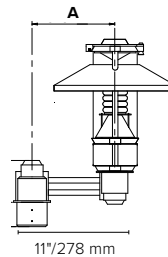
Flared Hood (FLR)
DIA: 22.5"/572mm



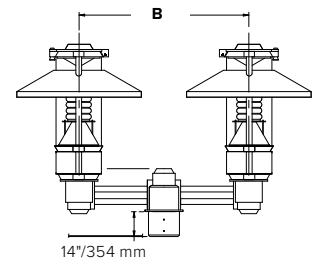
Straight Hood (STR)
DIA: 23.5"/597mm



Double Hood (DBL)
DIA: 23.5"/597mm



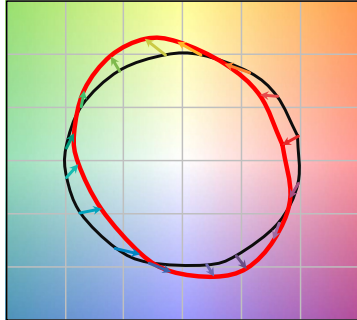
SAP2
Slip over a 4"/100 mm
O.D. pole



TAP2
Slip over a 4"/100 mm O.D. pole

TM-30 DATA

COLOR VECTOR GRAPHIC

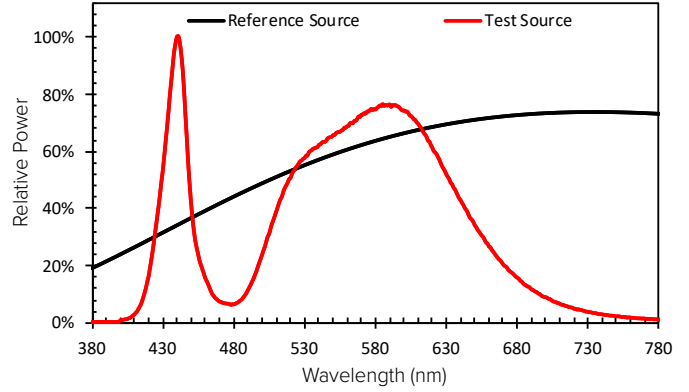


— Reference Illuminant — Test Source

TEST SOURCE

R _f	68
R _g	99
CCT(K)	3947
D _{uv}	0.0004
x	0.3831
y	0.3793
CIE R _a	72

SPECTRAL POWER DISTRIBUTION COMPARISON



DELIVERED LUMENS

LEDs #	Nominal Watts	Nominal Lumens	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
				Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w	Lumen	BUG Rating			lm/w
					B	U	G			B	U	G			B	U	G	
9LED	12	500	Type 5	551	0	2	1	45.2	569	0	2	1	46.6	635	1	3	2	52.0
18LED	20	1000	Type 5	1066	1	3	1	51.0	1100	1	3	1	52.6	1228	1	3	1	58.8

ELECTRICAL DATA

# LED	System Watts	Drive Current	Electrical							Dimming					
			Line Voltage		Amps AC				Min. Power Factor	Max THD (%)	Dimming Range	Source current out of 0-10V		Absolute voltage range on 0-10V (+)	
			VAC	Hz	120	208	240	277				Min	Max	Min	Max
9LED	12.2	350mA	120-77	50/60	0.10	0.06	0.05	0.04	>0.9	20	10% to 100%	0mA	1mA	0V	10V
18LED	20.1				0.17	0.10	0.08	0.07							