



Filename: SAL HPS150 type V

Manufacturer: Stanpro

Luminaire: CAST METAL POST-TOP FITTER AND SOCKET BASE, CLEAR MOLDED ACRYLIC PRISMATIC REFRACTOR WITH FORMED PERFORATED SEMI- SPECULAR METAL UPPER REFLECTOR, CLEAR MOLDED ACRYLIC LINEAR PRISMATIC DECORATIVE TOP.

Luminaire Cat: MODEL 424 TYPE V Sauvignon

Lamp: ONE 150-WATT DIFFUSE ED-23.5 HIGH PRESSURE SODIUM, VERTICAL BASE-DOWN POSITION.

Lamp Output: 1 lamp(s), rated Lumens/lamp: 15000

Max Candela: 3,337.0 at Horizontal: 0°, Vertical: 70°

Input Wattage: 150

Luminous Opening: Vertical Cylinder (Dia: -1.32ft, H: 1.86ft)

Test: ITL48623

Test Date: 01/20/99

Photometry : Type C

CIE Class: Semi-Direct

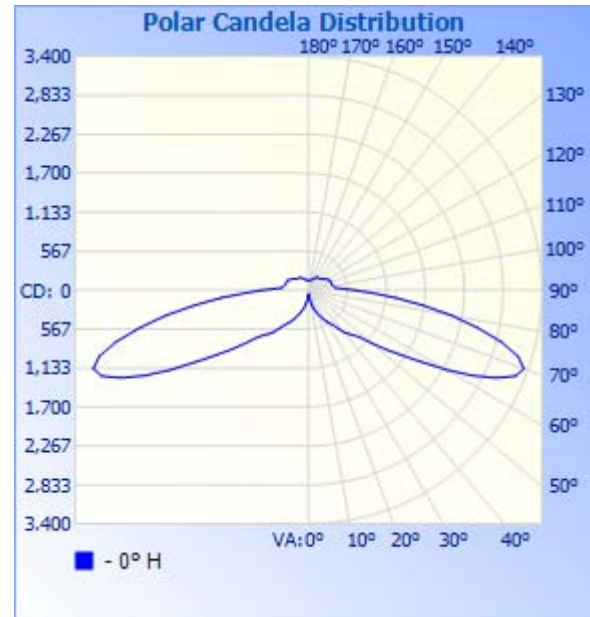
Roadway Summary

Cutoff Classification:	SEMICUTOFF	
Distribution:	TYPE VS,	
Max Cd, 90 Deg Vert:	680.0	
Max Cd, 80 to <90 Deg:	2,108.0	
	Lumens	% Lamp
Downward Street Side:	5,160.3	34.4%
Downward House Side:	5,160.3	34.4%
Downward Total:	10,320.6	68.8%
Upward Street Side:	965.0	6.4%
Upward House Side:	965.0	6.4%
Upward Total:	1,930.0	12.9%
Total Lumens:	12,250.6	81.7%

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	294.7	2%	2.4%
0-40	699.5	4.7%	5.7%
0-60	2,962.1	19.7%	24.2%
60-90	7,360.6	49.1%	60.1%
0-90	10,322.7	68.8%	84.2%
90-180	1,934.6	12.9%	15.8%
0-180	12,257.3	81.7%	100%

Efficiency Total: 81.7%

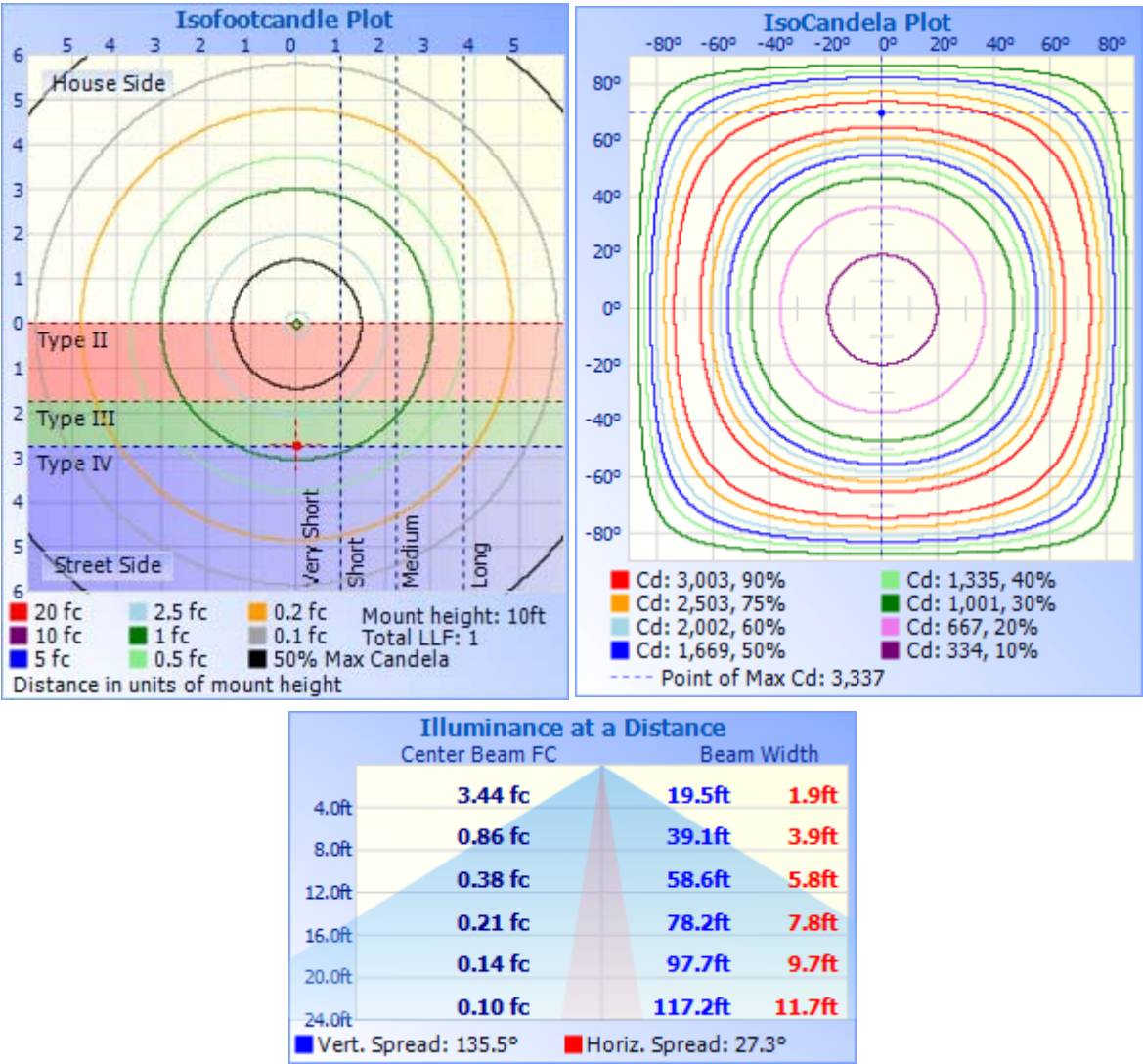


Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	75.4%	11,308.5	50.5	90
Beam (50%):	48.8%	7,313.2	27.3	135.5
Total:	81.7%	12,250.7		

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	11.9	0.1%	90-100	506.7	4.1%
10-20	78.0	0.6%	100-110	365.0	3%
20-30	204.8	1.7%	110-120	340.5	2.8%
30-40	404.8	3.3%	120-130	255.7	2.1%
40-50	739.9	6.0%	130-140	179.7	1.5%
50-60	1,522.7	12.4%	140-150	141.4	1.2%
60-70	2,934.2	23.9%	150-160	88.4	0.7%
70-80	2,994.1	24.4%	160-170	43.7	0.4%
80-90	1,432.3	11.7%	170-180	13.7	0.1%



Luminaire Report Summary

IESNA:LM-63-1995
[DATE]01/20/99
[TEST]ITL48623
[MANUFAC]Stanpro
[LUMCAT]MODEL 424 TYPE V Sauvignon
[LUMINAIRE]CAST METAL POST-TOP FITTER AND SOCKET BASE, CLEAR MOLDED
[MORE]ACRYLIC PRISMATIC REFRACTOR WITH FORMED PERFORATED SEMI-
[MORE]SPECULAR METAL UPPER REFLECTOR, CLEAR MOLDED ACRYLIC
[MORE]LINEAR PRISMATIC DECORATIVE TOP.
[LAMP]ONE 150-WATT DIFFUSE ED-23.5 HIGH PRESSURE SODIUM, VERTICAL
[MORE]BASE-DOWN POSITION.
[_ARCVOLTSRISE] 0.3
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 47, HORIZONTAL ANGLES: 1
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: STANDARD
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.