



Filename: SAL HPS150 type III

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: Sauvignon II MODEL 424 TYPE III

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: 7,792.0 at Horizontal: 73.3°, Vertical: 67.5°

Input Wattage: 150

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

Test: ITL48610

Test Date: 01/14/99

Photometry : Type C

CIE Class: Semi-Direct

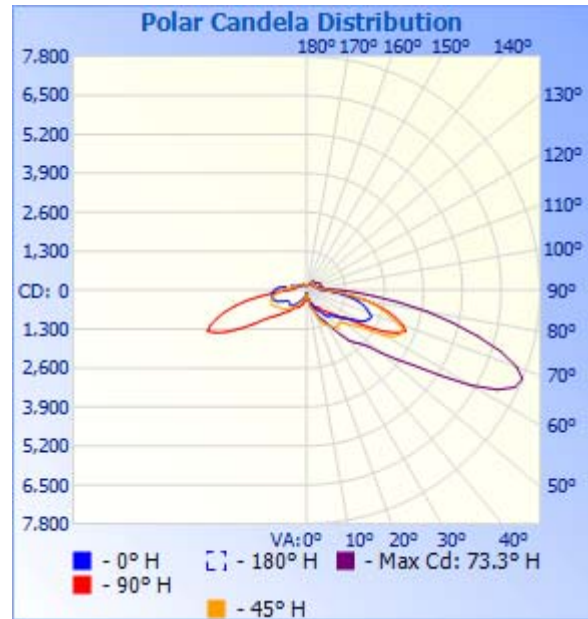
Roadway Summary

Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE III, MEDIUM	
Max Cd, 90 Deg Vert:	1,169.0	
Max Cd, 80 to <90 Deg:	4,070.0	
	Lumens	% Lamp
Downward Street Side:	6,992.9	46.6%
Downward House Side:	3,006.9	20%
Downward Total:	9,999.8	66.7%
Upward Street Side:	1,116.5	7.4%
Upward House Side:	1,064.3	7.1%
Upward Total:	2,180.8	14.5%
Total Lumens:	12,180.7	81.2%

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	473.9	3.2%	3.9%
0-40	1,091.5	7.3%	9%
0-60	3,666.0	24.4%	30.1%
60-90	6,335.3	42.2%	52%
0-90	10,001.3	66.7%	82.1%
90-180	2,186.0	14.6%	17.9%
0-180	12,187.3	81.2%	100%

Efficiency Total: 81.2%

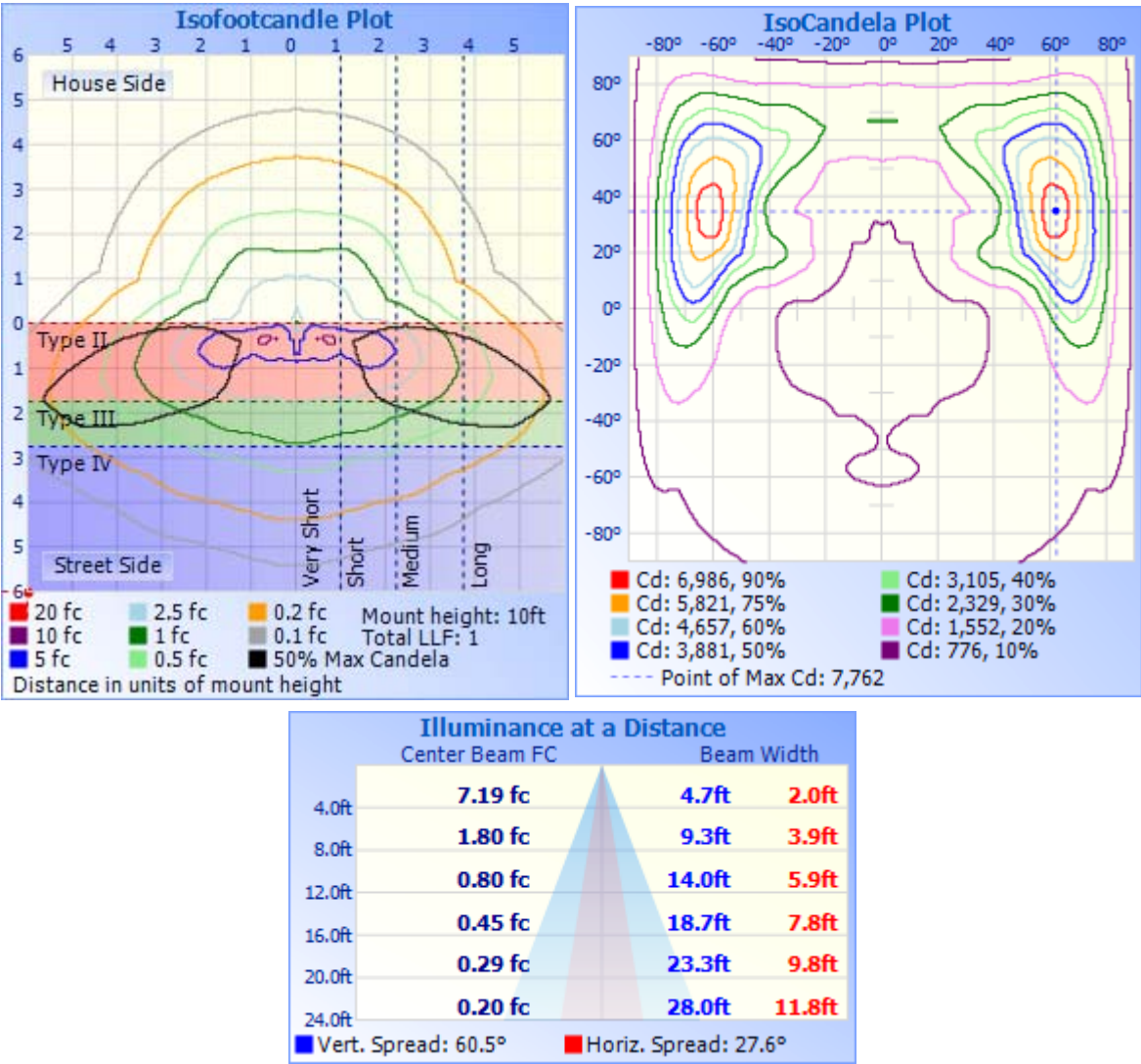


Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	63.6%	9,546.2	177.1	176.3
Beam (50%):	15.4%	2,310.2	27.6	60.5
Total:	81.2%	12,184.1		

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	21.1	0.2%	90-100	684.0	5.6%
10-20	126.8	1.0%	100-110	400.5	3.3%
20-30	326.0	2.7%	110-120	334.4	2.7%
30-40	617.6	5.1%	120-130	262.3	2.2%
40-50	987.9	8.1%	130-140	194.4	1.6%
50-60	1,586.6	13.0%	140-150	152.9	1.3%
60-70	2,580.5	21.2%	150-160	95.1	0.8%
70-80	2,396.7	19.7%	160-170	46.3	0.4%
80-90	1,358.0	11.1%	170-180	16.0	0.1%



Luminaire Report Summary

IESNA:LM-63-1995
[DATE]01/14/99
[TEST]ITL48610
[MANUFAC]Stanpro
[LUMCAT]Sauvignon II MODEL 424 TYPE III
[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 LINEAR
[MORE]PRISMATIC DECORATIVE TOP.
[LAMP]ONE 150-WATT DIFFUSE ED-23.5 HIGH PRESSURE SODIUM, VERTICAL
[MORE]BASE-DOWN POSITION.
[_ARCVOLTSRISE] 2.3
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 48, HORIZONTAL ANGLES: 22
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.