

Photometrics Pro

Luminaire Photometric Report

Filename: 80W

Luminaire Cat: 80W

Lamp Output: 1 lamp, rated Lumens/lamp: 7204.4

Max Candela: 2,135.5 at Horizontal: 150°, Vertical: 47°

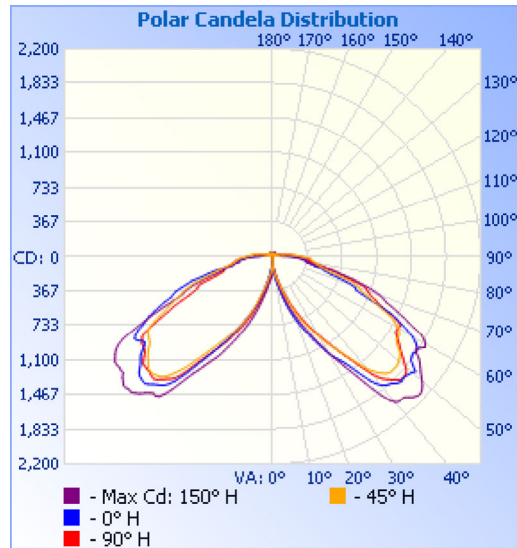
Input Wattage: 80.7

Luminous Opening: Circular (Dia: 3.94")

Test Date: 2019-03-20

Test Lab: EVERFINE

Photometry : Type C



Roadway Summary

Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE III, VERY SHORT	
Max Cd, 90 Deg Vert:	367.1	
Max Cd, 80 to <90 Deg:	534.8	
	Lumens % Lamp	
Downward Street Side:	3,368.4	46.8%
Downward House Side:	3,380.0	46.9%
Downward Total:	6,748.5	93.7%
Upward Street Side:	229.9	3.2%
Upward House Side:	221.5	3.1%
Upward Total:	451.4	6.3%
Total Lumens:	7,199.9	99.9%

Flood Summary

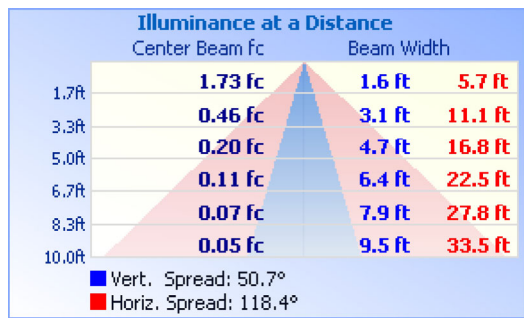
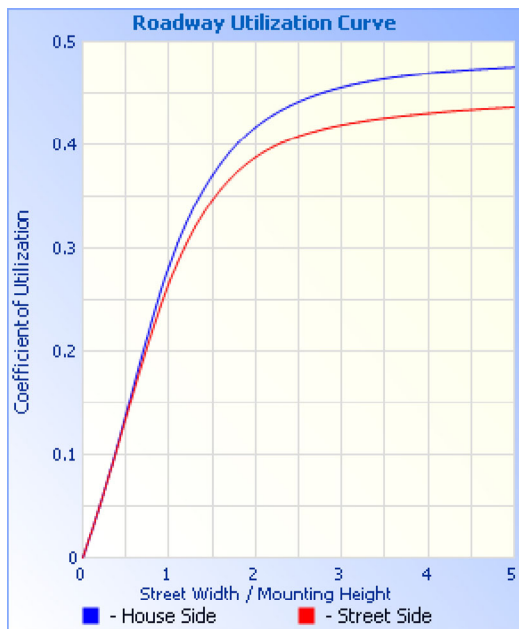
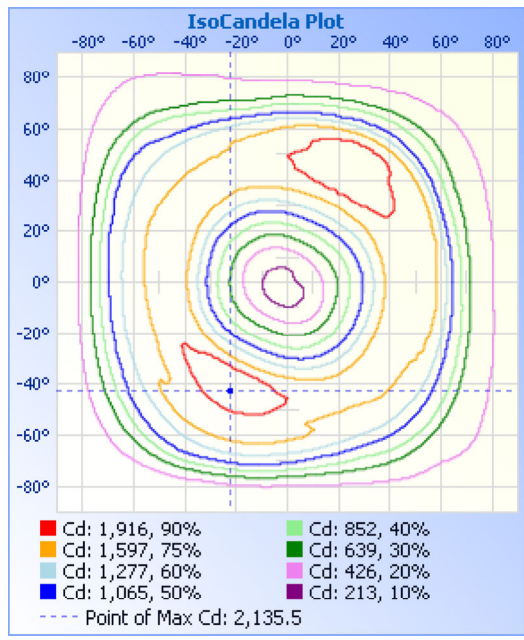
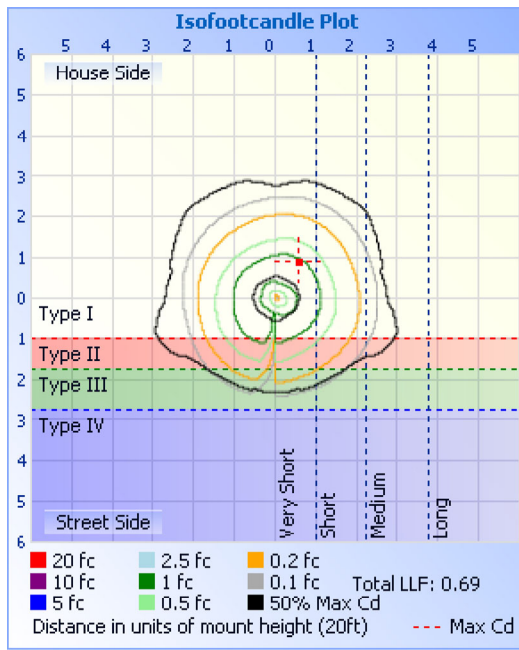
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	94.6%	6,813.4	n/a	183.3
Beam (50%):	68.8%	4,959.1	118.4	50.7
Total:	99.9%	7,198.9		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	537.9	7.5%	7.6%
0-40	1,407.4	19.5%	20%
0-60	4,322.0	60%	61.3%
60-90	2,283.4	31.7%	32.4%
70-100	1,251.8	17.4%	17.8%
90-120	329.0	4.6%	4.7%
0-90	6,605.4	91.7%	93.7%
90-180	442.9	6.1%	6.3%
0-180	7,048.4	97.8%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	18.3	0.3%	90-100	189.6	2.7%
10-20	125.9	1.8%	100-110	89.7	1.3%
20-30	393.7	5.6%	110-120	49.7	0.7%
30-40	869.5	12.3%	120-130	34.8	0.5%
40-50	1,402.5	19.9%	130-140	27.9	0.4%
50-60	1,512.2	21.5%	140-150	23.2	0.3%
60-70	1,221.3	17.3%	150-160	17.6	0.2%
70-80	685.8	9.7%	160-170	8.2	0.1%
80-90	376.4	5.3%	170-180	2.3	0%



Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.15	1.15	1.15	1.15	1.12	1.12	1.12	.92	1.05	1.05	1.05	1.00	1.00	1.00	.94	.94	.94	.92
1	1.02	.96	.91	.86	.98	.93	.88	.71	.88	.84	.80	.83	.79	.76	.78	.75	.73	.70
2	.90	.81	.72	.65	.87	.78	.71	.56	.73	.67	.62	.69	.64	.59	.65	.61	.57	.54
3	.81	.68	.59	.51	.77	.66	.57	.44	.62	.55	.48	.58	.52	.47	.55	.50	.45	.42
4	.72	.58	.48	.41	.69	.57	.47	.36	.53	.45	.39	.50	.43	.37	.47	.41	.36	.33
5	.65	.51	.40	.33	.63	.49	.39	.29	.46	.38	.31	.43	.36	.30	.41	.35	.29	.27
6	.59	.44	.34	.27	.57	.43	.33	.24	.40	.32	.26	.38	.31	.25	.36	.29	.24	.22
7	.54	.39	.29	.22	.52	.38	.29	.20	.36	.28	.21	.34	.26	.21	.32	.25	.20	.18
8	.50	.35	.25	.19	.48	.34	.25	.17	.32	.24	.18	.30	.23	.18	.28	.22	.17	.15
9	.46	.31	.22	.16	.44	.30	.22	.14	.29	.21	.15	.27	.20	.15	.26	.19	.15	.13

10 | .43 .28 .20 .14 | .41 .28 .19.12 | .26 .19 .13 | .25 .18 .13 |.23.17.13|.11|

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Luminaire Report Summary

IESNA:LM-63-2002
[TEST]
[TESTLAB] EVERFINE
[TESTDATE] 2019-03-20
[ISSUEDATE] 2019-03-20 15:43:41
[NEARFIELD]
[LUMCAT] 80W
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000B_V1 SYSTEM
[MANUFAC]
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 25
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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