

KICHLER

Filename: 10885NILED-Photometric Report

Lamp Output: 1 lamp, rated Lumens/lamp: 1090.6

Max Candela: 350.7 at Horizontal: 337.5°, Vertical: 2°

Input Wattage: 22.9

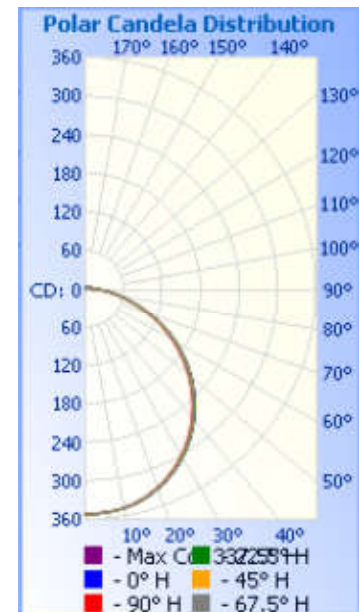
Luminous Opening: Point

Test Date: 2016-10-25

Test Lab: BACL

Photometry : Type C

Nema Type: 7 X 7



Roadway Summary

Cutoff Classification:	CUTOFF
Distribution:	Type VS
Max Cd, 90 Deg Vert:	22.9
Max Cd, 80 to <90 Deg:	55.5
	Lumens % Lamp
Downward Street Side:	528.0 48.4%
Downward House Side:	514.1 47.1%
Downward Total:	1,042.1 95.5%
Upward Street Side:	25.2 2.3%
Upward House Side:	23.3 2.1%
Upward Total:	48.5 4.4%
Total Lumens:	1,090.6 100%

Zonal Lumen Summary

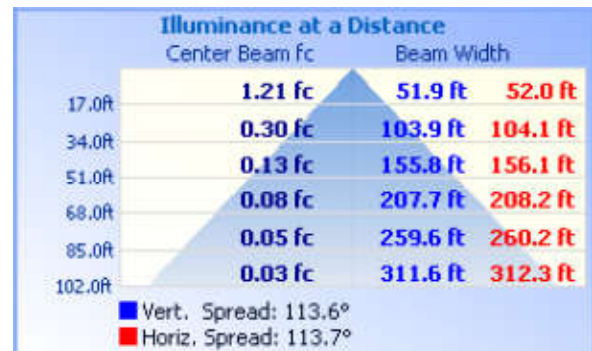
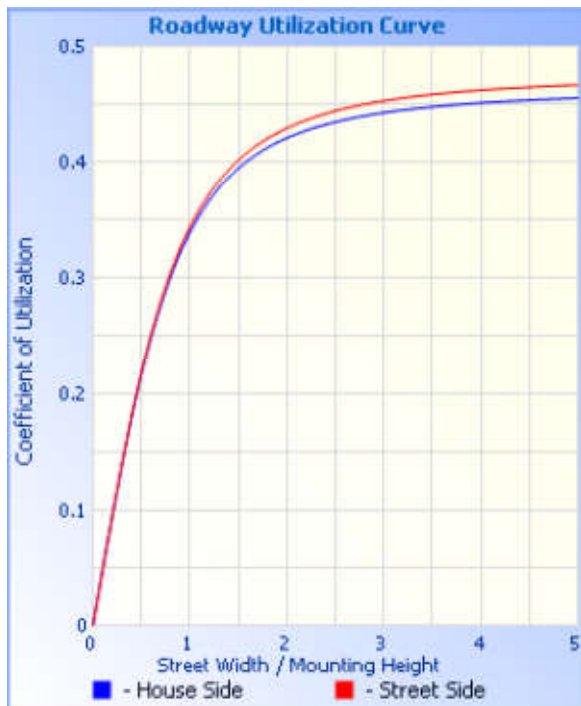
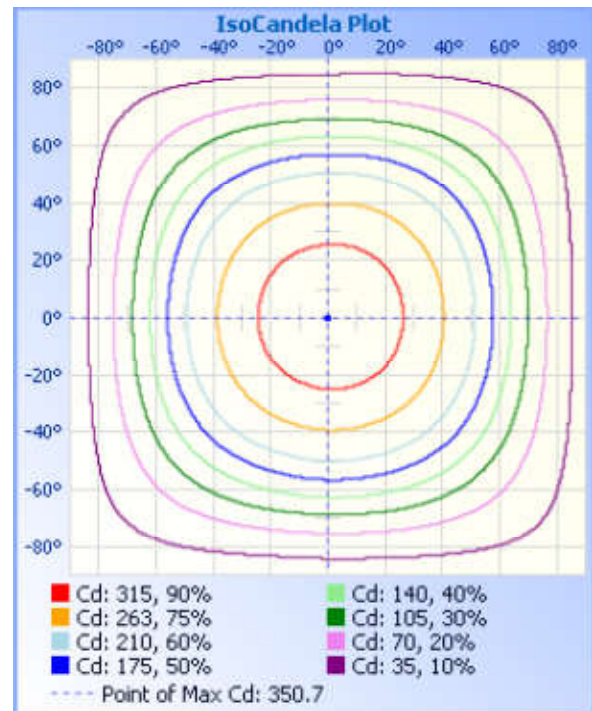
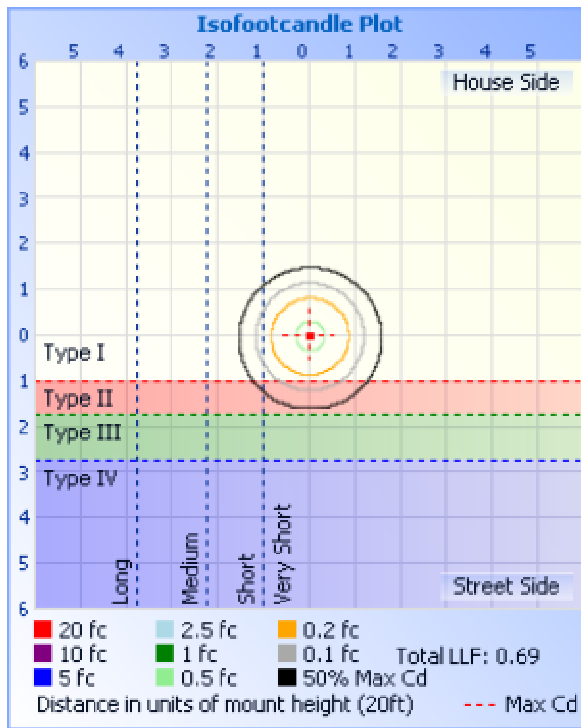
Zone	Lumens	% Lamp	% Luminaire
0-30	274.7	25.2%	25.2%
0-40	450.9	41.3%	41.3%
0-60	799.2	73.3%	73.3%
60-90	242.8	22.3%	22.3%
70-100	130.0	11.9%	11.9%
90-120	32.0	2.9%	2.9%
0-90	1,042.0	95.5%	95.6%
90-180	48.5	4.4%	4.4%
0-180	1,090.5	100%	100%

Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	94%	1,025.4	169.1	169
Beam (50%):	68.6%	748.0	113.7	113.6
Total:	100%	1,090.2		

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	33.2	3.0%	90-100	14.4	1.3%
10-20	95.7	8.8%	100-110	9.5	0.9%
20-30	145.8	13.4%	110-120	8.2	0.8%
30-40	176.2	16.2%	120-130	6.4	0.6%
40-50	182.9	16.8%	130-140	4.6	0.4%
50-60	165.4	15.2%	140-150	3.0	0.3%
60-70	127.1	11.7%	150-160	1.6	0.2%
70-80	78.3	7.2%	160-170	0.6	0.1%
80-90	37.3	3.4%	170-180	0.1	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	1.18	1.18	1.18	1.18	1.15	1.15	1.15	.96	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96
1	1.07	1.02	.97	.93	1.04	.99	.95	.79	.94	.91	.88	.89	.87	.84	.85	.83	.81	.78
2	.97	.89	.81	.76	.94	.86	.80	.66	.82	.77	.72	.78	.73	.70	.74	.71	.67	.65
3	.88	.78	.69	.63	.85	.76	.68	.56	.72	.65	.60	.69	.63	.58	.66	.61	.57	.54

4	.81	.69	.60	.53	.78	.67	.59	.48	.64	.57	.51	.61	.55	.50	.58	.53	.49	.46
5	.74	.61	.52	.45	.72	.60	.51	.42	.57	.50	.44	.55	.48	.43	.52	.47	.42	.40
6	.69	.55	.46	.40	.66	.54	.45	.37	.52	.44	.38	.49	.43	.38	.47	.42	.37	.35
7	.64	.50	.41	.35	.61	.49	.40	.33	.47	.39	.34	.45	.38	.33	.43	.37	.33	.31
8	.59	.45	.37	.31	.57	.45	.36	.29	.43	.36	.30	.41	.35	.30	.40	.34	.29	.27
9	.55	.42	.33	.28	.54	.41	.33	.26	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25
10	.52	.38	.30	.25	.50	.38	.30	.24	.36	.30	.25	.35	.29	.24	.34	.28	.24	.22

Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5	360
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Luminaire Report Summary

IESNA:LM-63-2002
[TEST]
[TESTLAB] BACL
[TESTDATE] 2016-10-25
[ISSUEDATE] 2016-10-25 11:30:24
[NEARFIELD]
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R5000_V2 SYSTEM
[MANUFAC]
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 17
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.