

# KICHLER

## Filename: 10886NILED-Photometric Report

Lamp Output: 1 lamp, rated Lumens/lamp: 1523.1

Max Candela: 509.6 at Horizontal: 0°, Vertical: 2°

Input Wattage: 34

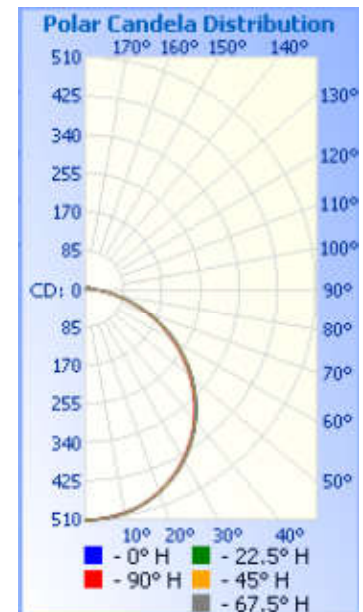
Luminous Opening: Point

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:	22.6
Max Cd, 80 to <90 Deg:	69.5
	Lumens % Lamp
Downward Street Side:	746.3 49%
Downward House Side:	728.4 47.8%
Downward Total:	1,474.7 96.8%
Upward Street Side:	24.8 1.6%
Upward House Side:	23.6 1.5%
Upward Total:	48.4 3.2%
Total Lumens:	1,523.1 100%

### Zonal Lumen Summary

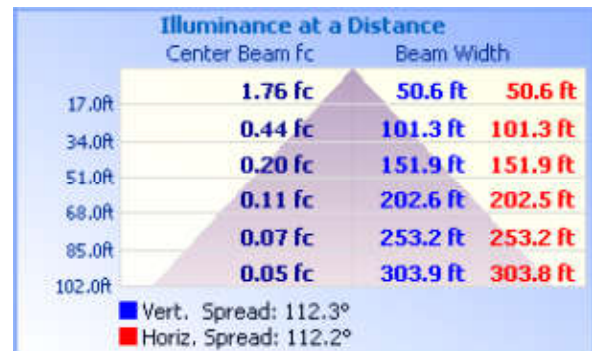
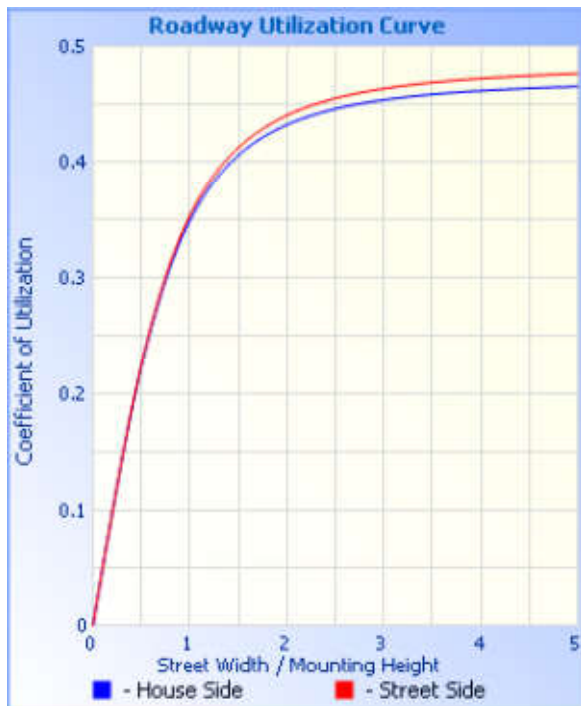
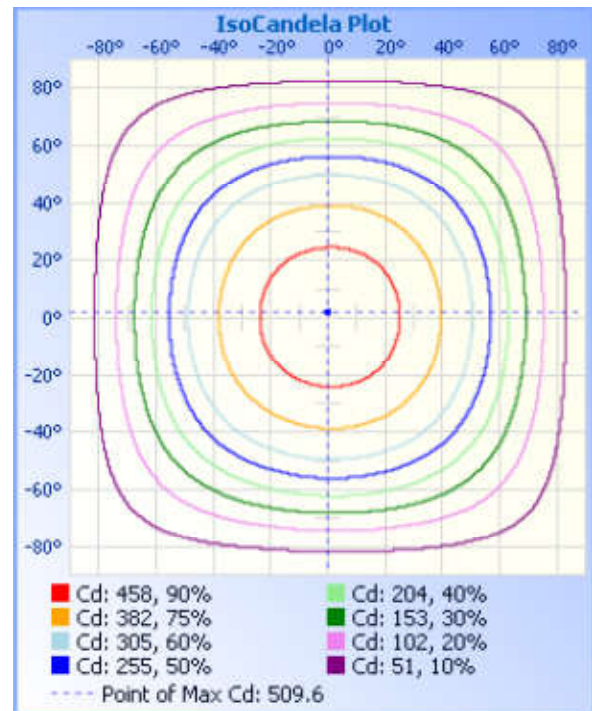
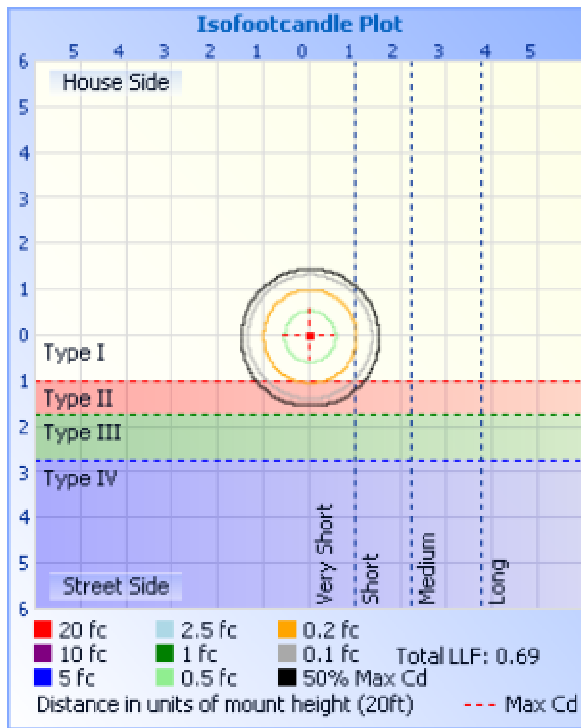
Zone	Lumens	% Lamp	% Luminaire
0-30	396.8	26.1%	26.1%
0-40	650.3	42.7%	42.7%
0-60	1,148.2	75.4%	75.4%
60-90	326.3	21.4%	21.4%
70-100	161.5	10.6%	10.6%
90-120	32.8	2.2%	2.2%
0-90	1,474.6	96.8%	96.8%
90-180	48.4	3.2%	3.2%
0-180	1,523.0	100%	100%

### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	94.9%	1,446.0	164.6	164.3
Beam (50%):	69.7%	1,062.1	112.2	112.3
Total:	100%	1,522.6		

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	48.2	3.2%	90-100	14.2	0.9%
10-20	138.4	9.1%	100-110	10.1	0.7%
20-30	210.2	13.8%	110-120	8.5	0.6%
30-40	253.5	16.6%	120-130	6.5	0.4%
40-50	262.3	17.2%	130-140	4.5	0.3%
50-60	235.7	15.5%	140-150	2.7	0.2%
60-70	179.0	11.8%	150-160	1.3	0.1%
70-80	105.0	6.9%	160-170	0.5	0%
80-90	42.3	2.8%	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	.97	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1	1.08	1.03	.98	.94	1.05	1.00	.96	.81	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2	.98	.89	.82	.77	.95	.87	.81	.68	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3	.89	.78	.70	.63	.86	.77	.69	.58	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56

4	.81	.69	.60	.54	.79	.68	.60	.49	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5	.75	.62	.53	.46	.73	.61	.52	.43	.58	.51	.45	.56	.49	.44	.54	.48	.43	.41
6	.69	.56	.47	.40	.67	.55	.46	.38	.52	.45	.39	.50	.44	.39	.49	.43	.38	.36
7	.64	.50	.42	.35	.62	.50	.41	.34	.48	.40	.35	.46	.39	.34	.44	.38	.34	.32
8	.60	.46	.37	.32	.58	.45	.37	.30	.44	.36	.31	.42	.35	.31	.41	.35	.30	.28
9	.56	.42	.34	.28	.54	.41	.34	.27	.40	.33	.28	.39	.32	.28	.38	.32	.27	.25
10	.52	.39	.31	.26	.51	.38	.31	.25	.37	.30	.25	.36	.30	.25	.35	.29	.25	.23

**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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3	509	508	509	508	507	508	507	507	508	508	508	508	508	<b>510</b>	509	509	509
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**Luminaire Report Summary**

IESNA:LM-63-2002  
[TEST]  
[TESTLAB] BACL  
[TESTDATE] 2016-10-25  
[ISSUEDATE] 2016-10-25 11:49:50  
[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.