

# Photometrics Pro

## Luminaire Photometric Report

**Filename:** WL10001 - Wall Light - CCT - 12W - IES

**Lamp Output:** 1 lamp, rated Lumens/lamp: 578.3

**Max Candela:** 120.7 at Horizontal: 0°, Vertical: 19°

**Input Wattage:** 11.761

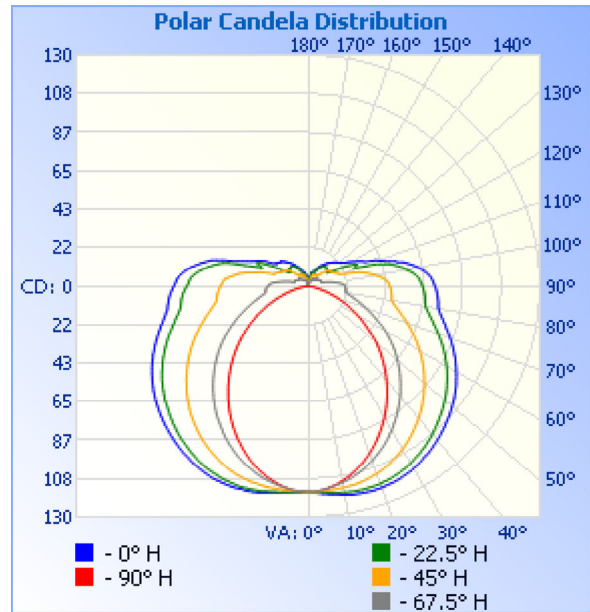
**Luminous Opening:** Rectangle (L: 23.82", W: 2.17")

**Test Date:** 2023-11-16

**Test Lab:** δn□\_

**Photometry :** Type C

**Nema Type:** 7 X 7

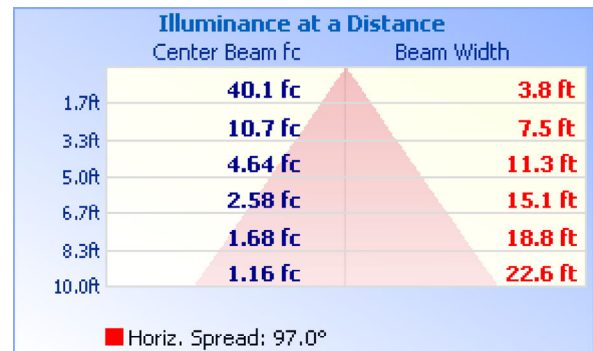
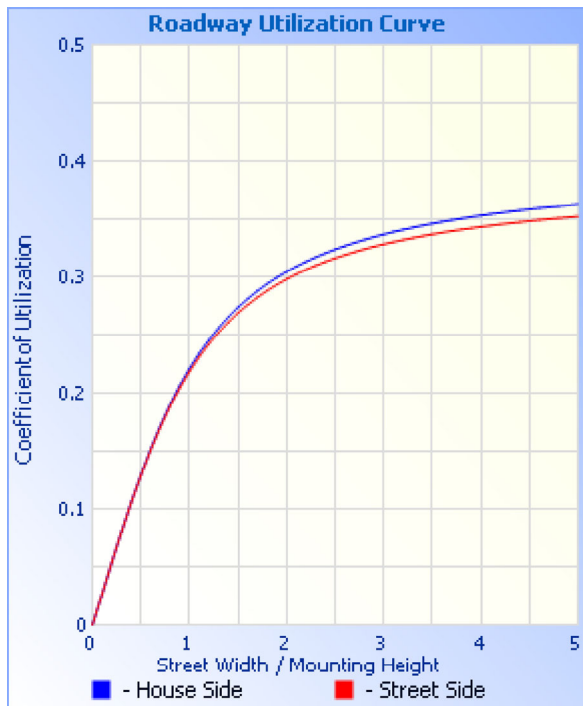
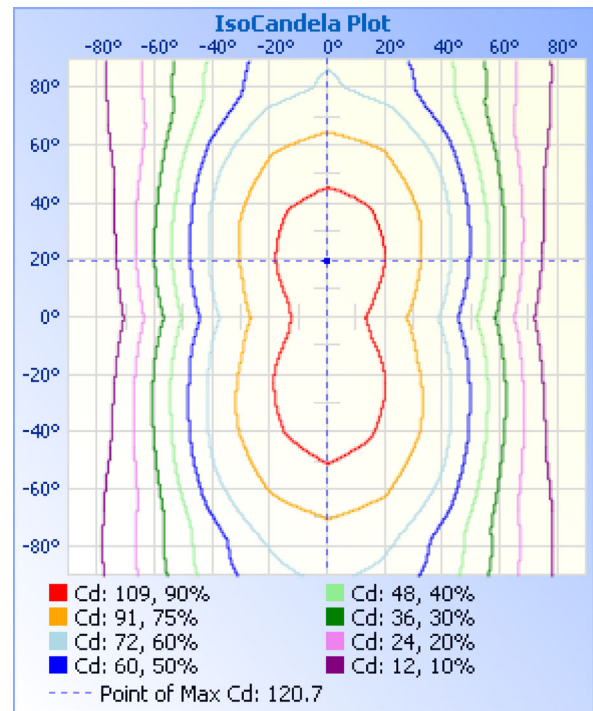
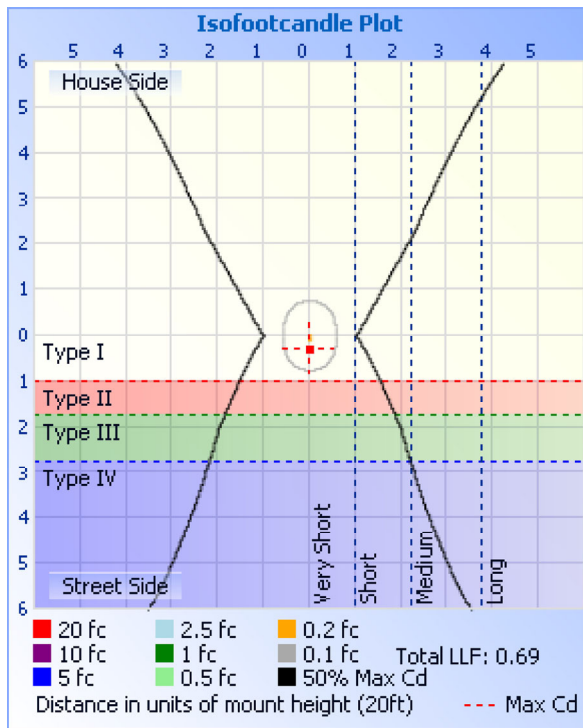


Roadway Summary		
Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE IV, VERY SHORT	
Max Cd, 90 Deg Vert:	75.3	
Max Cd, 80 to <90 Deg:	80.4	
	Lumens % Lamp	
Downward Street Side:	227.2	39.3%
Downward House Side:	233.9	40.5%
Downward Total:	461.1	79.7%
Upward Street Side:	57.7	10%
Upward House Side:	59.5	10.3%
Upward Total:	117.2	20.3%
Total Lumens:	578.3	100%

Flood Summary				
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	96.7%	559.1	147.9	301.5
Beam (50%):	70.7%	408.8	97	203.6
Total:	100%	578.3		

Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	93.4	16.2%	16.2%
0-40	156.3	27%	27%
0-60	295.1	51%	51%
60-90	166.0	28.7%	28.7%
70-100	146.1	25.3%	25.3%
90-120	90.0	15.6%	15.6%
0-90	461.1	79.7%	79.7%
90-180	117.2	20.3%	20.3%
0-180	578.3	100%	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	11.0	1.9%	90-100	43.6	7.5%
10-20	32.2	5.6%	100-110	29.4	5.1%
20-30	50.2	8.7%	110-120	17.0	2.9%
30-40	62.9	10.9%	120-130	10.5	1.8%
40-50	69.3	12.0%	130-140	7.5	1.3%
50-60	69.4	12.0%	140-150	5.1	0.9%
60-70	63.5	11.0%	150-160	2.8	0.5%
70-80	53.9	9.3%	160-170	1.1	0.2%
80-90	48.6	8.4%	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	1.14	1.14	1.14	1.14	1.09	1.09	1.09	.80	1.00	1.00	1.00	.91	.91	.91	.83	.83	.83	.80
1	1.01	.95	.89	.84	.96	.90	.85	.61	.82	.78	.75	.75	.72	.69	.68	.65	.63	.60
2	.90	.81	.73	.66	.86	.77	.70	.49	.70	.64	.59	.64	.59	.55	.58	.54	.51	.47
3	.82	.70	.61	.54	.77	.67	.59	.40	.61	.54	.48	.55	.50	.45	.50	.46	.42	.39

4	.74	.61	.52	.45	.70	.59	.50	.34	.54	.46	.40	.49	.43	.38	.44	.39	.35	.32
5	.68	.55	.45	.38	.65	.52	.43	.29	.48	.40	.35	.44	.37	.32	.40	.34	.30	.27
6	.63	.49	.39	.33	.59	.47	.38	.25	.43	.35	.30	.39	.33	.28	.36	.30	.26	.24
7	.58	.44	.35	.29	.55	.42	.34	.22	.39	.31	.26	.36	.29	.25	.33	.27	.23	.21
8	.54	.40	.31	.25	.51	.38	.30	.20	.35	.28	.23	.33	.26	.22	.30	.24	.20	.18
9	.50	.36	.28	.22	.48	.35	.27	.18	.32	.26	.21	.30	.24	.20	.28	.22	.18	.16
10	.47	.34	.25	.20	.45	.32	.25	.16	.30	.23	.19	.28	.22	.18	.26	.20	.17	.15

**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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99	63	57	38	13	0	15	40	59	67	60	41	15	0	15	40	57	63
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106	51	45	27	8	0	8	26	44	53	46	28	8	0	8	29	46	51
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110	42	29	19	8	0	8	20	28	41	30	20	8	0	8	20	30	42
111	41	28	19	8	0	8	20	28	39	28	19	8	0	8	19	28	41
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142	16	14	7	5	1	5	8	15	16	14	7	4	0	4	7	14	16
143	15	14	7	5	1	5	8	14	16	14	7	4	0	4	7	13	15
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163	8	7	4	2	1	2	4	6	7	7	6	2	1	2	5	7	8
164	8	7	4	2	1	2	4	7	8	7	5	2	1	2	5	7	8
165	7	7	3	1	1	2	3	6	8	7	5	2	1	2	5	7	7
166	7	6	3	1	1	1	3	6	8	7	4	2	1	2	4	6	7
167	6	5	2	1	1	1	3	5	7	6	4	2	1	2	4	6	6
168	6	4	2	1	1	1	2	4	7	6	4	1	1	2	3	5	6
169	5	4	2	1	1	1	2	4	6	5	3	1	1	1	3	4	5
170	4	3	2	1	1	1	2	3	5	4	3	1	1	1	3	4	4
171	4	2	2	1	1	1	2	3	3	4	2	1	1	1	2	3	4
172	3	2	1	1	1	1	2	2	3	3	2	1	1	1	2	3	3
173	3	2	1	1	1	1	1	2	3	3	2	1	1	1	2	3	3
174	2	1	1	1	1	1	1	1	2	2	1	1	0	1	2	2	2
175	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	2	2
176	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
177	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
178	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
179	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

**Luminaire Report Summary**

IESNA:LM-63-2002  
[TEST]  
[TESTDATE] 2023-11-16  
[TESTLAB] δn□\_  
[ISSUEDATE] 2023-11-16 16:34:33  
[MANUFAC]  
[\_LAMPPOSITION] 0,0  
[\_TOTALLUMINAIRELUMENS] 578.3  
[OTHER] EVERFINE GO-3000H\_V1 SYSTEM  
FILE: CANDELA MULTIPLIER: 1  
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 17  
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.