

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CR-XX-L10-927-XXX-DIM-UNV-M-XXX\_.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] GEN FROM W6CR\_Angela-W\_(V18)\_measured  
[TESTLAB] LEDIL Inc  
[TESTDATE] 21 Aug 2024  
[ISSUEDATE] 2025-07-15  
[MANUFAC] H.E. WILLIAMS, INC.  
[LUMCAT] W6CR-xx-L10-927-xxx-DIM-UNV-M-xxx  
[LUMINAIRE] 6 INCH ROUND WET LOCATION LED  
[MORE] CYLINDER WITH MEDIUM DIST.  
[LAMPCAT] BL VERO  
[LAMP] LED  
[OTHER] Absolute Photometry

### CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	917
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	10.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1952.372
Maximum Candela Angle	0H 2V
Maximum Candela (<90 Degrees Vertical)	1952.372
Maximum Candela Angle (<90 Degrees Vertical)	0H 2V
Maximum Candela At 90 Degrees Vertical	.07 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.523 (0.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CR-XX-L10-927-XXX-DIM-UNV-M-XXX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	384.0	N.A.	41.9
FM - Front-Medium (30-60)	69.4	N.A.	7.6
FH - Front-High (60-80)	4.8	N.A.	0.5
FVH - Front-Very High (80-90)	0.2	N.A.	0.0
BL - Back-Low (0-30)	384.0	N.A.	41.9
BM - Back-Medium (30-60)	69.4	N.A.	7.6
BH - Back-High (60-80)	4.8	N.A.	0.5
BVH - Back-Very High (80-90)	0.2	N.A.	0.0
UL - Uplight-Low (90-100)	0.1	N.A.	0.0
UH - Uplight-High (100-180)	< 0.05	N.A.	0.0
Total	916.9	N.A.	100.0
BUG Rating	B1-U1-G0		

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CR-XX-L10-927-XXX-DIM-UNV-M-XXX\_.IES****CANDELA TABULATION**

Vert. Angles	Horizontal Angles				
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	1947.946	1947.946	1947.946	1947.946	1947.946
1	1950.450	1950.401	1949.521	1948.893	1948.104
2	1952.372	1951.157	1948.753	1946.456	1944.119
3	1951.306	1949.828	1945.515	1941.219	1937.472
4	1947.900	1944.753	1938.231	1931.827	1927.949
5	1935.665	1931.839	1923.230	1914.517	1910.225
6	1914.310	1909.234	1897.463	1886.743	1881.277
7	1878.660	1872.446	1859.258	1848.485	1840.479
8	1828.833	1822.685	1809.445	1799.535	1789.329
9	1764.583	1759.916	1748.577	1739.569	1729.074
10	1688.029	1686.792	1677.321	1670.308	1662.390
11	1602.753	1603.713	1597.967	1592.980	1586.077
12	1513.175	1513.730	1511.683	1510.111	1503.503
13	1420.914	1421.566	1423.122	1423.366	1417.121
14	1326.200	1326.809	1331.930	1333.871	1328.536
15	1231.367	1232.601	1239.358	1243.108	1238.755
16	1138.255	1140.038	1147.017	1152.190	1148.924
17	1047.870	1051.822	1056.693	1063.529	1060.650
18	962.265	966.491	971.158	977.156	975.402
19	882.354	885.291	891.061	896.392	893.870
20	810.613	810.683	816.402	821.989	820.207
21	742.096	742.254	747.366	753.017	750.507
22	681.983	680.838	686.239	690.937	689.627
23	629.907	628.086	633.185	636.710	636.698
24	584.034	582.465	586.532	589.295	589.515
25	543.330	542.508	544.930	547.638	547.480
26	507.742	506.545	507.516	510.173	509.052
27	474.411	472.625	473.213	474.959	474.554
28	441.640	439.416	438.725	440.729	443.374
29	407.346	405.884	404.461	405.543	406.831
30	372.397	369.628	366.889	369.083	369.799
31	331.925	330.061	327.499	328.803	329.817
32	288.922	287.987	285.406	287.828	288.051
33	244.191	243.859	242.183	244.745	245.324
34	199.935	200.176	199.521	202.168	202.531
35	159.101	159.293	159.561	162.793	162.823
36	123.539	124.380	125.136	128.849	128.374
37	93.995	95.134	97.154	99.247	99.305
38	73.230	71.896	74.285	77.276	76.667
39	55.192	56.192	59.205	59.659	61.623
40	45.087	45.349	46.739	48.015	48.740
41	37.657	38.379	39.339	39.637	39.948
42	32.978	33.151	33.855	34.440	34.184
43	29.547	29.697	30.145	30.218	30.135
44	26.876	27.059	27.308	27.250	27.098
45	24.652	24.856	25.005	24.868	24.725
46	22.693	22.876	23.001	22.830	22.687
47	20.874	21.060	21.167	21.002	20.822
48	19.235	19.409	19.506	19.345	19.159
49	17.767	17.910	17.995	17.840	17.645
50	16.426	16.536	16.621	16.472	16.286
51	15.223	15.324	15.388	15.251	15.077
52	14.148	14.227	14.273	14.160	13.983

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53	13.194	13.246	13.289	13.191	13.017
54	12.338	12.378	12.408	12.311	12.158
55	11.549	11.570	11.604	11.506	11.378
56	10.787	10.818	10.833	10.757	10.653
57	10.102	10.123	10.132	10.065	9.983
58	9.496	9.511	9.517	9.453	9.377
59	8.950	8.957	8.954	8.896	8.832
60	8.454	8.451	8.448	8.393	8.338
61	8.000	7.988	7.982	7.930	7.878
62	7.580	7.567	7.552	7.503	7.452
63	7.193	7.171	7.156	7.104	7.053
64	6.812	6.794	6.775	6.724	6.675
65	6.452	6.437	6.413	6.364	6.315
66	6.099	6.084	6.053	6.008	5.959
67	5.758	5.743	5.712	5.663	5.621
68	5.423	5.407	5.377	5.325	5.286
69	5.088	5.075	5.045	4.996	4.950
70	4.762	4.743	4.716	4.670	4.621
71	4.436	4.411	4.387	4.344	4.299
72	4.107	4.082	4.061	4.018	3.982
73	3.778	3.756	3.735	3.698	3.656
74	3.449	3.433	3.409	3.379	3.348
75	3.129	3.117	3.092	3.065	3.037
76	2.806	2.800	2.775	2.754	2.733
77	2.492	2.486	2.468	2.452	2.434
78	2.172	2.169	2.160	2.142	2.139
79	1.852	1.849	1.843	1.837	1.834
80	1.517	1.523	1.517	1.523	1.511
81	1.149	1.161	1.152	1.152	1.139
82	0.649	0.664	0.673	0.679	0.685
83	0.292	0.299	0.338	0.363	0.390
84	0.268	0.271	0.271	0.268	0.268
85	0.247	0.247	0.247	0.247	0.247
86	0.219	0.219	0.222	0.219	0.219
87	0.186	0.186	0.186	0.189	0.186
88	0.143	0.146	0.146	0.146	0.143
89	0.097	0.101	0.101	0.101	0.101
90	0.058	0.061	0.067	0.070	0.070
91	0.058	0.061	0.061	0.061	0.058
92	0.058	0.058	0.061	0.061	0.061
93	0.058	0.061	0.061	0.061	0.061
94	0.058	0.061	0.061	0.061	0.061
95	0.061	0.061	0.061	0.064	0.061
96	0.061	0.061	0.064	0.064	0.061
97	0.061	0.064	0.064	0.064	0.061
98	0.061	0.067	0.067	0.064	0.064
99	0.064	0.067	0.067	0.067	0.064
100	0.064	0.067	0.067	0.067	0.064
101	0.000	0.000	0.000	0.000	0.000
102	0.000	0.000	0.000	0.000	0.000
103	0.000	0.000	0.000	0.000	0.000
104	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000
106	0.000	0.000	0.000	0.000	0.000
107	0.000	0.000	0.000	0.000	0.000
108	0.000	0.000	0.000	0.000	0.000

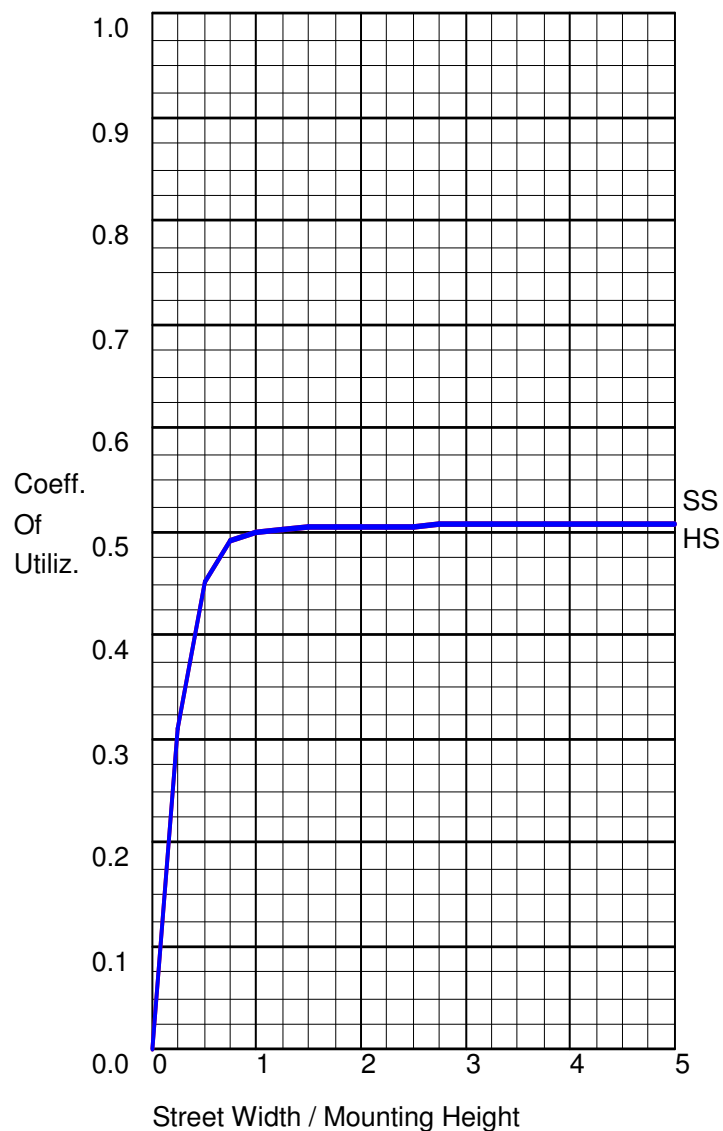
**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CR-XX-L10-927-XXX-DIM-UNV-M-XXX\_.IES****CANDELA TABULATION - (Cont.)**

109	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000
111	0.000	0.000	0.000	0.000	0.000
112	0.000	0.000	0.000	0.000	0.000
113	0.000	0.000	0.000	0.000	0.000
114	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000
116	0.000	0.000	0.000	0.000	0.000
117	0.000	0.000	0.000	0.000	0.000
118	0.000	0.000	0.000	0.000	0.000
119	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000
121	0.000	0.000	0.000	0.000	0.000
122	0.000	0.000	0.000	0.000	0.000
123	0.000	0.000	0.000	0.000	0.000
124	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000
126	0.000	0.000	0.000	0.000	0.000
127	0.000	0.000	0.000	0.000	0.000
128	0.000	0.000	0.000	0.000	0.000
129	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.000
131	0.000	0.000	0.000	0.000	0.000
132	0.000	0.000	0.000	0.000	0.000
133	0.000	0.000	0.000	0.000	0.000
134	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000
136	0.000	0.000	0.000	0.000	0.000
137	0.000	0.000	0.000	0.000	0.000
138	0.000	0.000	0.000	0.000	0.000
139	0.000	0.000	0.000	0.000	0.000
140	0.000	0.000	0.000	0.000	0.000
141	0.000	0.000	0.000	0.000	0.000
142	0.000	0.000	0.000	0.000	0.000
143	0.000	0.000	0.000	0.000	0.000
144	0.000	0.000	0.000	0.000	0.000
145	0.000	0.000	0.000	0.000	0.000
146	0.000	0.000	0.000	0.000	0.000
147	0.000	0.000	0.000	0.000	0.000
148	0.000	0.000	0.000	0.000	0.000
149	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000
151	0.000	0.000	0.000	0.000	0.000
152	0.000	0.000	0.000	0.000	0.000
153	0.000	0.000	0.000	0.000	0.000
154	0.000	0.000	0.000	0.000	0.000
155	0.000	0.000	0.000	0.000	0.000
156	0.000	0.000	0.000	0.000	0.000
157	0.000	0.000	0.000	0.000	0.000
158	0.000	0.000	0.000	0.000	0.000
159	0.000	0.000	0.000	0.000	0.000
160	0.000	0.000	0.000	0.000	0.000
161	0.000	0.000	0.000	0.000	0.000
162	0.000	0.000	0.000	0.000	0.000
163	0.000	0.000	0.000	0.000	0.000
164	0.000	0.000	0.000	0.000	0.000

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165	0.000	0.000	0.000	0.000	0.000
166	0.000	0.000	0.000	0.000	0.000
167	0.000	0.000	0.000	0.000	0.000
168	0.000	0.000	0.000	0.000	0.000
169	0.000	0.000	0.000	0.000	0.000
170	0.000	0.000	0.000	0.000	0.000
171	0.000	0.000	0.000	0.000	0.000
172	0.000	0.000	0.000	0.000	0.000
173	0.000	0.000	0.000	0.000	0.000
174	0.000	0.000	0.000	0.000	0.000
175	0.000	0.000	0.000	0.000	0.000
176	0.000	0.000	0.000	0.000	0.000
177	0.000	0.000	0.000	0.000	0.000
178	0.000	0.000	0.000	0.000	0.000
179	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000

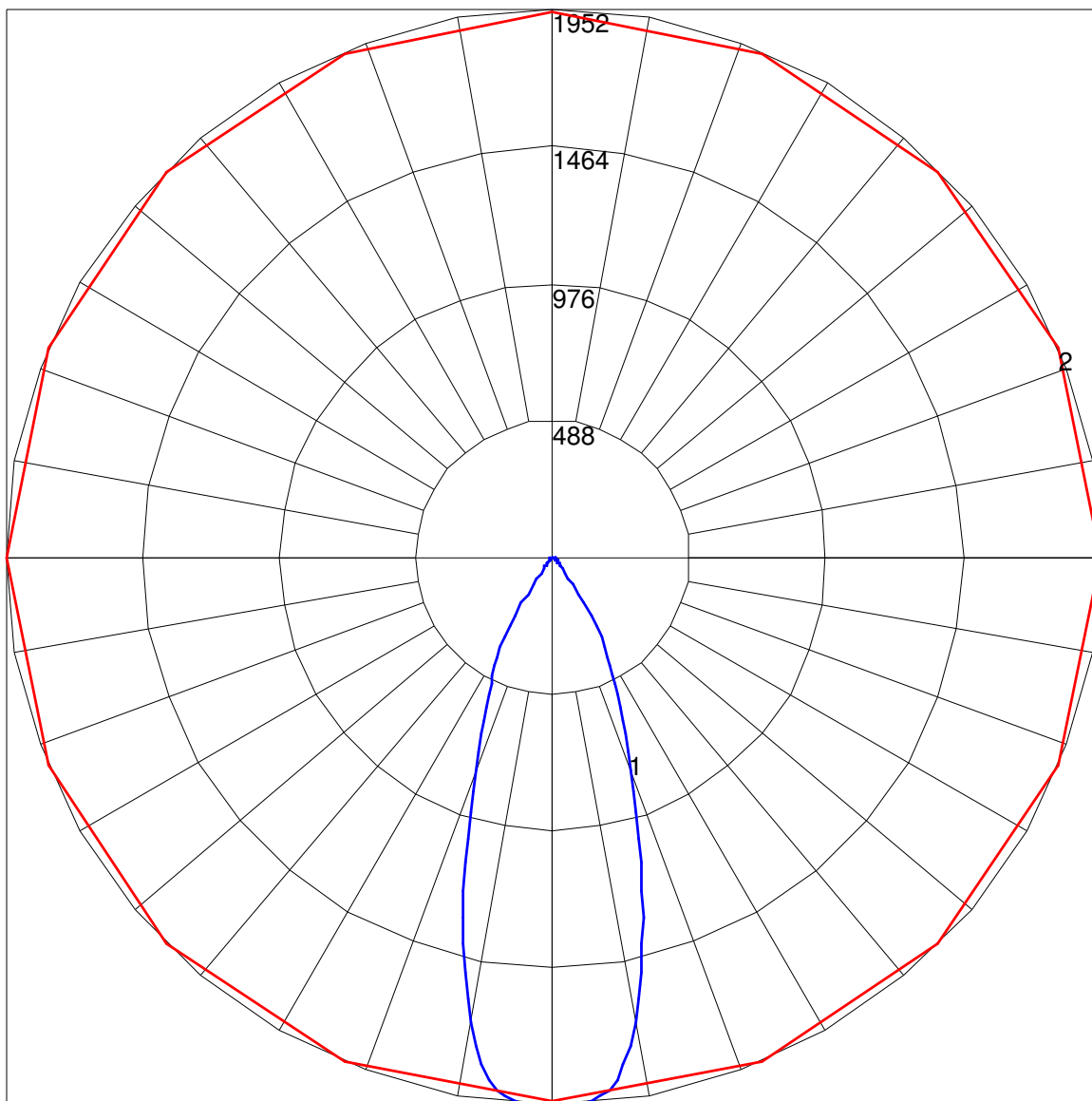
### COEFFICIENTS OF UTILIZATION



### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	458.5	50.0
Downward House Side	458.5	50.0
Downward Total	917.0	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	917.0	100.0

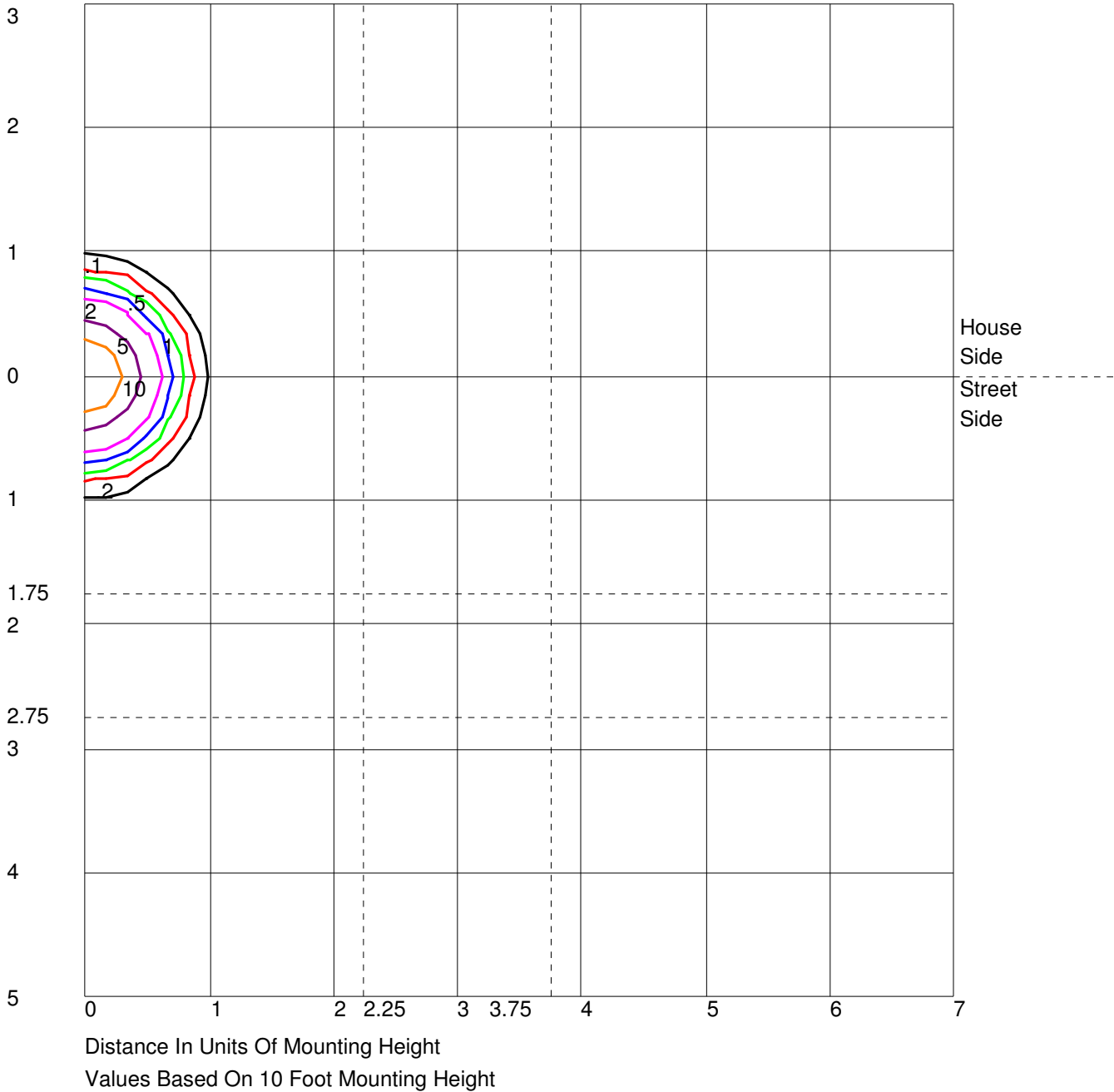
POLAR GRAPH



Maximum Candela = 1952.372 Located At Horizontal Angle = 0, Vertical Angle = 2  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)



ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



# PHOTO IES R

