

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CR-XX-L10-930-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-L10-930-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	937
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	10.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1994.359
Maximum Candela Angle	0H 2V
Maximum Candela (<90 Degrees Vertical)	1994.359
Maximum Candela Angle (<90 Degrees Vertical)	0H 2V
Maximum Candela At 90 Degrees Vertical	.072 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.556 (0.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CR-XX-L10-930-XXX-DIM-UNV-M-XXX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	392.3	N.A.	41.9
FM - Front-Medium (30-60)	70.9	N.A.	7.6
FH - Front-High (60-80)	4.9	N.A.	0.5
FVH - Front-Very High (80-90)	0.2	N.A.	0.0
BL - Back-Low (0-30)	392.3	N.A.	41.9
BM - Back-Medium (30-60)	70.9	N.A.	7.6
BH - Back-High (60-80)	4.9	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	936.7	N.A.	100.0
BUG Rating	B1-U1-G0		

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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	1989.837	1989.837	1989.837	1989.837	1989.837
1	1992.395	1992.345	1991.446	1990.805	1989.999
2	1994.359	1993.117	1990.662	1988.315	1985.928
3	1993.270	1991.760	1987.354	1982.966	1979.138
4	1989.790	1986.576	1979.913	1973.372	1969.410
5	1977.293	1973.384	1964.590	1955.689	1951.305
6	1955.478	1950.293	1938.269	1927.318	1921.735
7	1919.062	1912.713	1899.242	1888.238	1880.060
8	1868.162	1861.883	1848.358	1838.235	1827.810
9	1802.531	1797.764	1786.181	1776.979	1766.258
10	1724.331	1723.067	1713.392	1706.229	1698.141
11	1637.221	1638.201	1632.332	1627.238	1620.186
12	1545.717	1546.283	1544.192	1542.586	1535.836
13	1451.471	1452.137	1453.727	1453.976	1447.597
14	1354.720	1355.343	1360.574	1362.556	1357.107
15	1257.848	1259.108	1266.011	1269.841	1265.395
16	1162.734	1164.555	1171.684	1176.968	1173.632
17	1070.405	1074.442	1079.418	1086.401	1083.460
18	982.959	987.276	992.043	998.171	996.378
19	901.329	904.329	910.223	915.669	913.093
20	828.046	828.117	833.959	839.666	837.845
21	758.055	758.217	763.438	769.211	766.647
22	696.650	695.479	700.997	705.796	704.457
23	643.454	641.593	646.802	650.403	650.390
24	596.594	594.991	599.146	601.968	602.192
25	555.015	554.175	556.649	559.415	559.253
26	518.661	517.438	518.431	521.144	519.999
27	484.613	482.789	483.390	485.173	484.759
28	451.138	448.866	448.160	450.207	452.908
29	416.106	414.613	413.159	414.264	415.580
30	380.406	377.577	374.780	377.020	377.751
31	339.064	337.159	334.542	335.874	336.910
32	295.135	294.180	291.544	294.018	294.245
33	249.442	249.103	247.391	250.009	250.600
34	204.235	204.481	203.812	206.516	206.886
35	162.522	162.718	162.992	166.294	166.325
36	126.196	127.055	127.827	131.620	131.135
37	96.016	97.180	99.244	101.381	101.441
38	74.805	73.442	75.882	78.938	78.316
39	56.379	57.400	60.478	60.942	62.949
40	46.057	46.325	47.744	49.048	49.788
41	38.467	39.204	40.185	40.490	40.807
42	33.687	33.864	34.583	35.181	34.919
43	30.183	30.335	30.793	30.868	30.784
44	27.454	27.640	27.896	27.836	27.681
45	25.182	25.390	25.543	25.403	25.257
46	23.181	23.368	23.495	23.321	23.175
47	21.323	21.513	21.622	21.454	21.270
48	19.649	19.826	19.926	19.761	19.571
49	18.149	18.295	18.382	18.224	18.024
50	16.780	16.892	16.979	16.826	16.637
51	15.550	15.653	15.719	15.578	15.401
52	14.452	14.533	14.580	14.464	14.284

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CANDELA TABULATION - (Cont.)

53	13.478	13.531	13.574	13.475	13.297
54	12.603	12.644	12.675	12.575	12.420
55	11.797	11.819	11.853	11.754	11.623
56	11.019	11.051	11.066	10.988	10.883
57	10.319	10.341	10.350	10.282	10.198
58	9.700	9.716	9.722	9.656	9.579
59	9.143	9.149	9.146	9.087	9.022
60	8.636	8.633	8.629	8.573	8.517
61	8.172	8.160	8.153	8.100	8.048
62	7.743	7.730	7.715	7.665	7.612
63	7.347	7.326	7.310	7.257	7.204
64	6.958	6.940	6.921	6.868	6.818
65	6.591	6.576	6.551	6.501	6.451
66	6.230	6.215	6.183	6.137	6.087
67	5.882	5.866	5.835	5.785	5.742
68	5.539	5.524	5.493	5.440	5.399
69	5.197	5.185	5.153	5.104	5.057
70	4.864	4.845	4.817	4.771	4.721
71	4.531	4.506	4.481	4.438	4.391
72	4.195	4.170	4.148	4.105	4.067
73	3.859	3.837	3.815	3.778	3.734
74	3.523	3.507	3.482	3.451	3.420
75	3.196	3.184	3.159	3.131	3.103
76	2.866	2.860	2.835	2.813	2.791
77	2.546	2.539	2.521	2.505	2.486
78	2.219	2.216	2.206	2.188	2.185
79	1.892	1.889	1.883	1.877	1.873
80	1.550	1.556	1.550	1.556	1.544
81	1.173	1.186	1.176	1.176	1.164
82	0.663	0.678	0.688	0.694	0.700
83	0.299	0.305	0.345	0.370	0.398
84	0.274	0.277	0.277	0.274	0.274
85	0.252	0.252	0.252	0.252	0.252
86	0.224	0.224	0.227	0.224	0.224
87	0.190	0.190	0.190	0.193	0.190
88	0.146	0.149	0.149	0.149	0.146
89	0.100	0.103	0.103	0.103	0.103
90	0.059	0.062	0.068	0.072	0.072
91	0.059	0.062	0.062	0.062	0.059
92	0.059	0.059	0.062	0.062	0.062
93	0.059	0.062	0.062	0.062	0.062
94	0.059	0.062	0.062	0.062	0.062
95	0.062	0.062	0.062	0.065	0.062
96	0.062	0.062	0.065	0.065	0.062
97	0.062	0.065	0.065	0.065	0.062
98	0.062	0.068	0.068	0.065	0.065
99	0.065	0.068	0.068	0.068	0.065
100	0.065	0.068	0.068	0.068	0.065
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

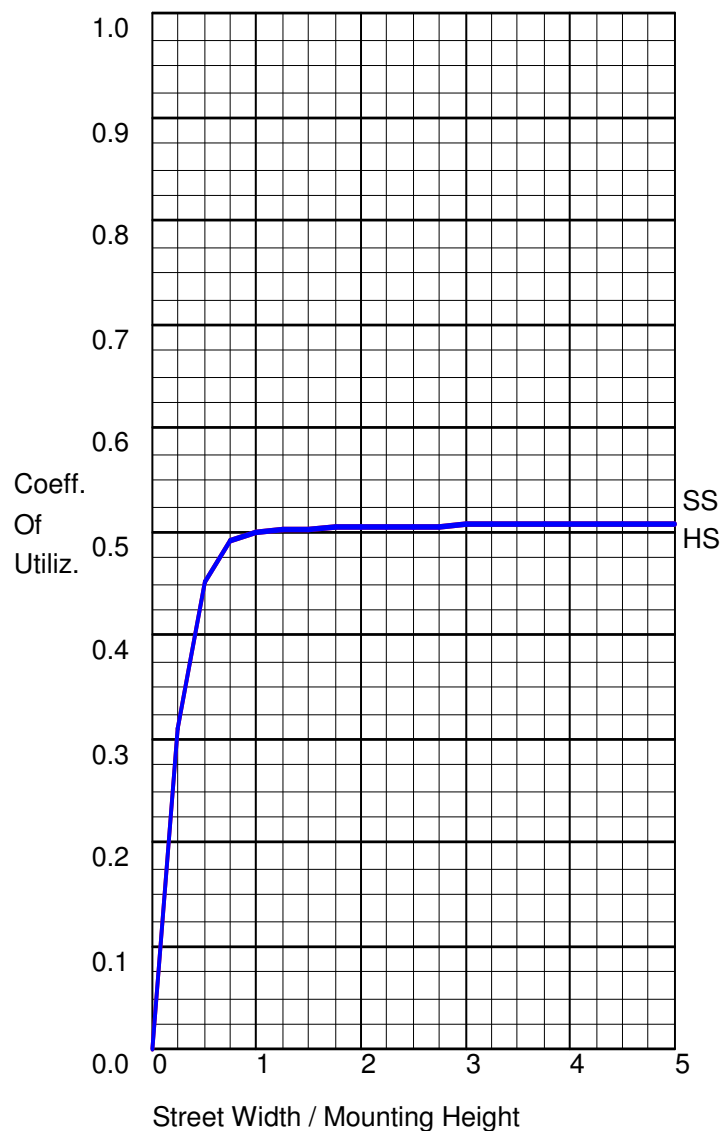
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109	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000
111	0.000	0.000	0.000	0.000	0.000
112	0.000	0.000	0.000	0.000	0.000
113	0.000	0.000	0.000	0.000	0.000
114	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000
116	0.000	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

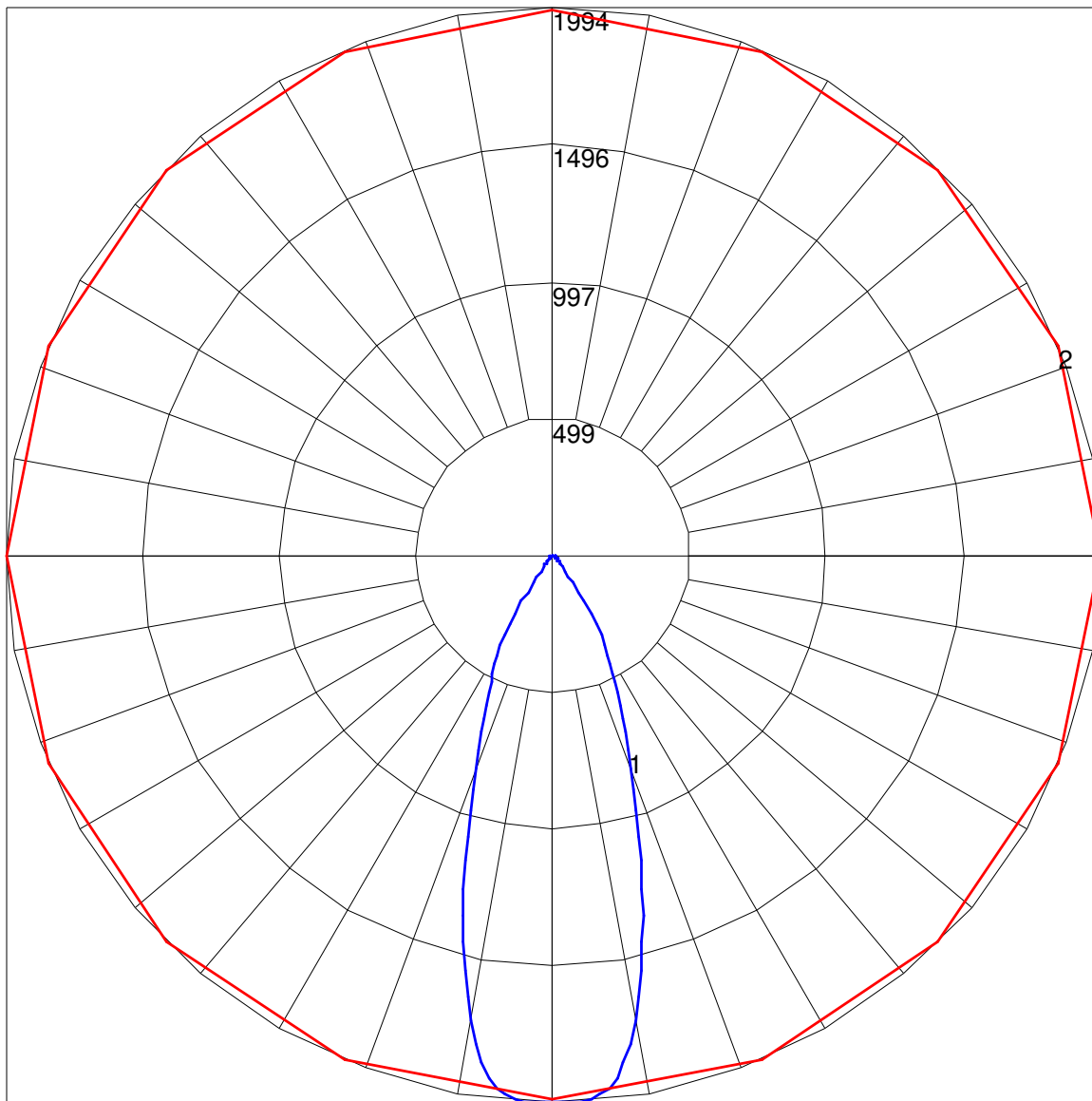
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	468.3	50.0
Downward House Side	468.3	50.0
Downward Total	936.6	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	936.6	100.0

POLAR GRAPH



Maximum Candela = 1994.359 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

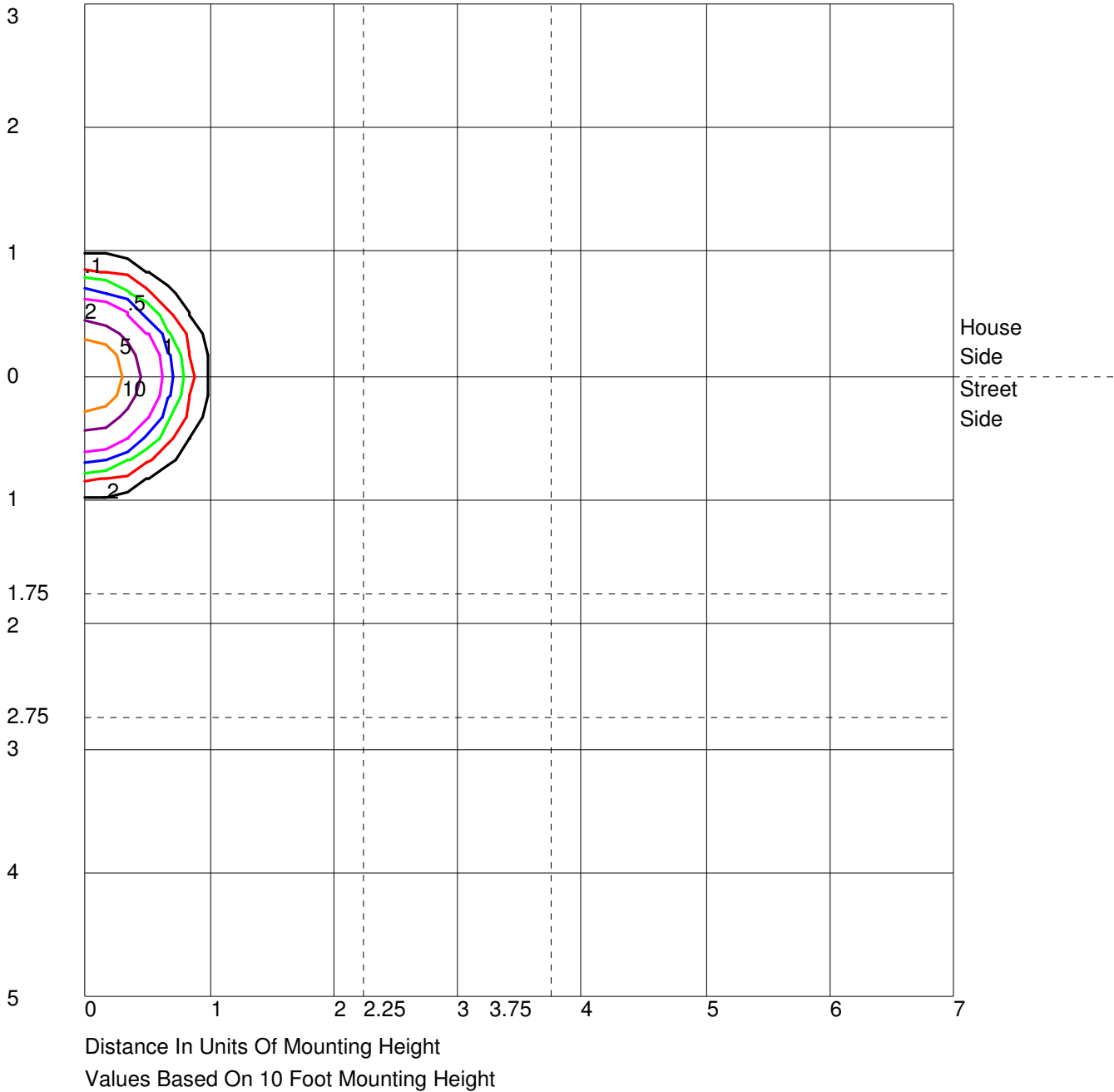


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