

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CR-XX-L10-950-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-L10-950-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	927
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	10.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	1973.366
Maximum Candela Angle	0H 2V
Maximum Candela (<90 Degrees Vertical)	1973.366
Maximum Candela Angle (<90 Degrees Vertical)	0H 2V
Maximum Candela At 90 Degrees Vertical	.071 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.54 (0.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CR-XX-L10-950-XXX-DIM-UNV-M-XXX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	388.2	N.A.	41.9
FM - Front-Medium (30-60)	70.1	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)	388.2	N.A.	41.9
BM - Back-Medium (30-60)	70.1	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	926.9	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	1968.892	1968.892	1968.892	1968.892	1968.892
1	1971.423	1971.374	1970.484	1969.849	1969.052
2	1973.366	1972.137	1969.708	1967.386	1965.024
3	1972.288	1970.795	1966.435	1962.093	1958.305
4	1968.846	1965.665	1959.072	1952.600	1948.680
5	1956.479	1952.612	1943.910	1935.104	1930.765
6	1934.894	1929.764	1917.866	1907.031	1901.506
7	1898.861	1892.580	1879.250	1868.362	1860.270
8	1848.498	1842.284	1828.902	1818.885	1808.570
9	1783.558	1778.840	1767.379	1758.274	1747.666
10	1706.180	1704.930	1695.357	1688.269	1680.266
11	1619.987	1620.957	1615.150	1610.109	1603.132
12	1529.446	1530.007	1527.938	1526.349	1519.670
13	1436.193	1436.852	1438.425	1438.671	1432.359
14	1340.460	1341.076	1346.252	1348.214	1342.822
15	1244.608	1245.855	1252.684	1256.475	1252.075
16	1150.495	1152.296	1159.351	1164.579	1161.278
17	1059.138	1063.132	1068.055	1074.965	1072.055
18	972.612	976.883	981.601	987.664	985.890
19	891.842	894.810	900.642	906.031	903.481
20	819.330	819.401	825.180	830.827	829.026
21	750.075	750.236	755.402	761.114	758.577
22	689.317	688.159	693.618	698.366	697.042
23	636.681	634.839	639.994	643.557	643.544
24	590.314	588.728	592.839	595.632	595.854
25	549.173	548.341	550.789	553.527	553.367
26	513.202	511.991	512.974	515.659	514.526
27	479.512	477.708	478.302	480.066	479.657
28	446.389	444.141	443.442	445.468	448.141
29	411.726	410.248	408.810	409.904	411.206
30	376.402	373.603	370.835	373.052	373.775
31	335.495	333.610	331.020	332.338	333.364
32	292.029	291.083	288.475	290.923	291.148
33	246.817	246.481	244.787	247.377	247.962
34	202.085	202.328	201.666	204.342	204.708
35	160.811	161.005	161.276	164.543	164.574
36	124.868	125.718	126.481	130.235	129.755
37	95.006	96.157	98.199	100.314	100.373
38	74.018	72.669	75.083	78.107	77.491
39	55.786	56.796	59.841	60.300	62.286
40	45.572	45.837	47.241	48.531	49.264
41	38.062	38.792	39.762	40.064	40.378
42	33.332	33.508	34.219	34.810	34.552
43	29.865	30.016	30.469	30.543	30.459
44	27.165	27.349	27.602	27.543	27.390
45	24.917	25.123	25.274	25.136	24.991
46	22.937	23.122	23.248	23.076	22.931
47	21.099	21.287	21.394	21.228	21.046
48	19.442	19.618	19.716	19.553	19.365
49	17.958	18.103	18.189	18.032	17.835
50	16.603	16.714	16.800	16.649	16.461
51	15.387	15.488	15.553	15.414	15.239
52	14.300	14.380	14.426	14.312	14.134

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CANDELA TABULATION - (Cont.)

53	13.336	13.388	13.431	13.333	13.157
54	12.471	12.511	12.542	12.443	12.289
55	11.673	11.695	11.729	11.630	11.501
56	10.903	10.934	10.950	10.873	10.768
57	10.211	10.232	10.241	10.174	10.091
58	9.598	9.613	9.619	9.555	9.478
59	9.047	9.053	9.050	8.991	8.927
60	8.545	8.542	8.539	8.483	8.428
61	8.086	8.074	8.068	8.015	7.963
62	7.661	7.649	7.633	7.584	7.532
63	7.270	7.248	7.233	7.181	7.128
64	6.885	6.867	6.848	6.796	6.747
65	6.522	6.506	6.482	6.432	6.383
66	6.165	6.149	6.118	6.072	6.023
67	5.820	5.804	5.774	5.724	5.681
68	5.481	5.466	5.435	5.382	5.342
69	5.142	5.130	5.099	5.050	5.004
70	4.813	4.794	4.767	4.720	4.671
71	4.483	4.459	4.434	4.391	4.345
72	4.151	4.126	4.105	4.061	4.025
73	3.818	3.797	3.775	3.738	3.695
74	3.486	3.470	3.446	3.415	3.384
75	3.162	3.150	3.125	3.098	3.070
76	2.836	2.830	2.805	2.784	2.762
77	2.519	2.513	2.494	2.479	2.460
78	2.195	2.192	2.183	2.165	2.162
79	1.872	1.869	1.863	1.857	1.854
80	1.533	1.540	1.533	1.540	1.527
81	1.161	1.173	1.164	1.164	1.152
82	0.656	0.671	0.681	0.687	0.693
83	0.296	0.302	0.342	0.366	0.394
84	0.271	0.274	0.274	0.271	0.271
85	0.249	0.249	0.249	0.249	0.249
86	0.222	0.222	0.225	0.222	0.222
87	0.188	0.188	0.188	0.191	0.188
88	0.145	0.148	0.148	0.148	0.145
89	0.099	0.102	0.102	0.102	0.102
90	0.059	0.062	0.068	0.071	0.071
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

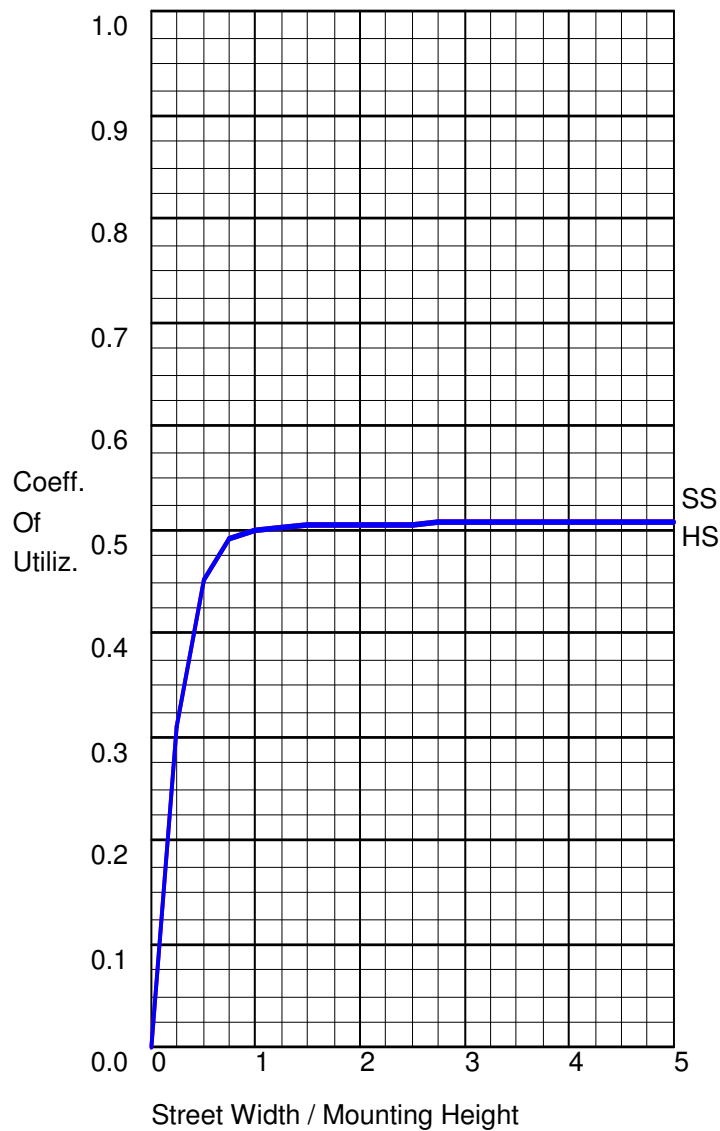
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109	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000
111	0.000	0.000	0.000	0.000	0.000
112	0.000	0.000	0.000	0.000	0.000
113	0.000	0.000	0.000	0.000	0.000
114	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000
116	0.000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

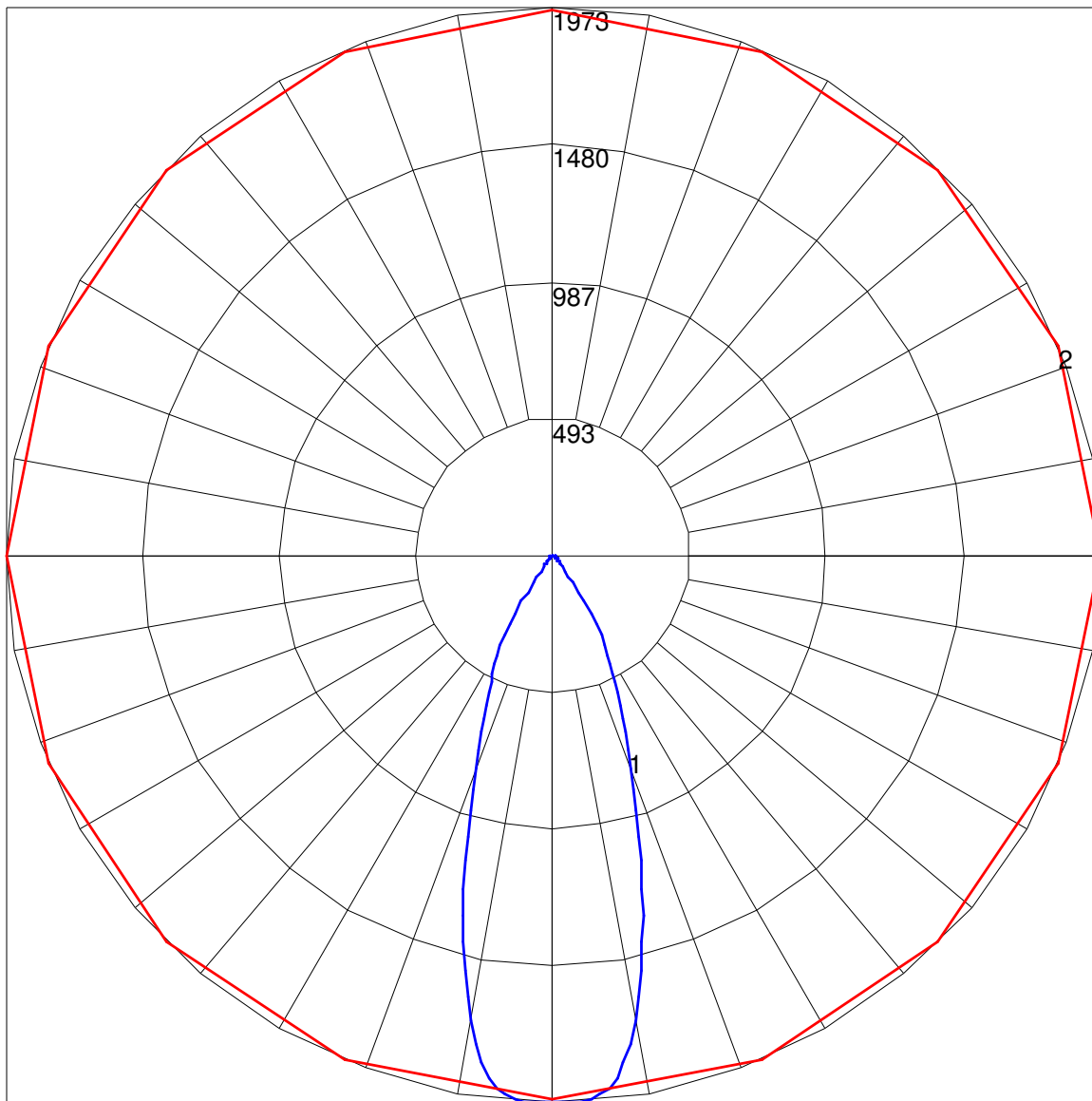
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	463.4	50.0
Downward House Side	463.4	50.0
Downward Total	926.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	926.8	100.0

POLAR GRAPH



Maximum Candela = 1973.366 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

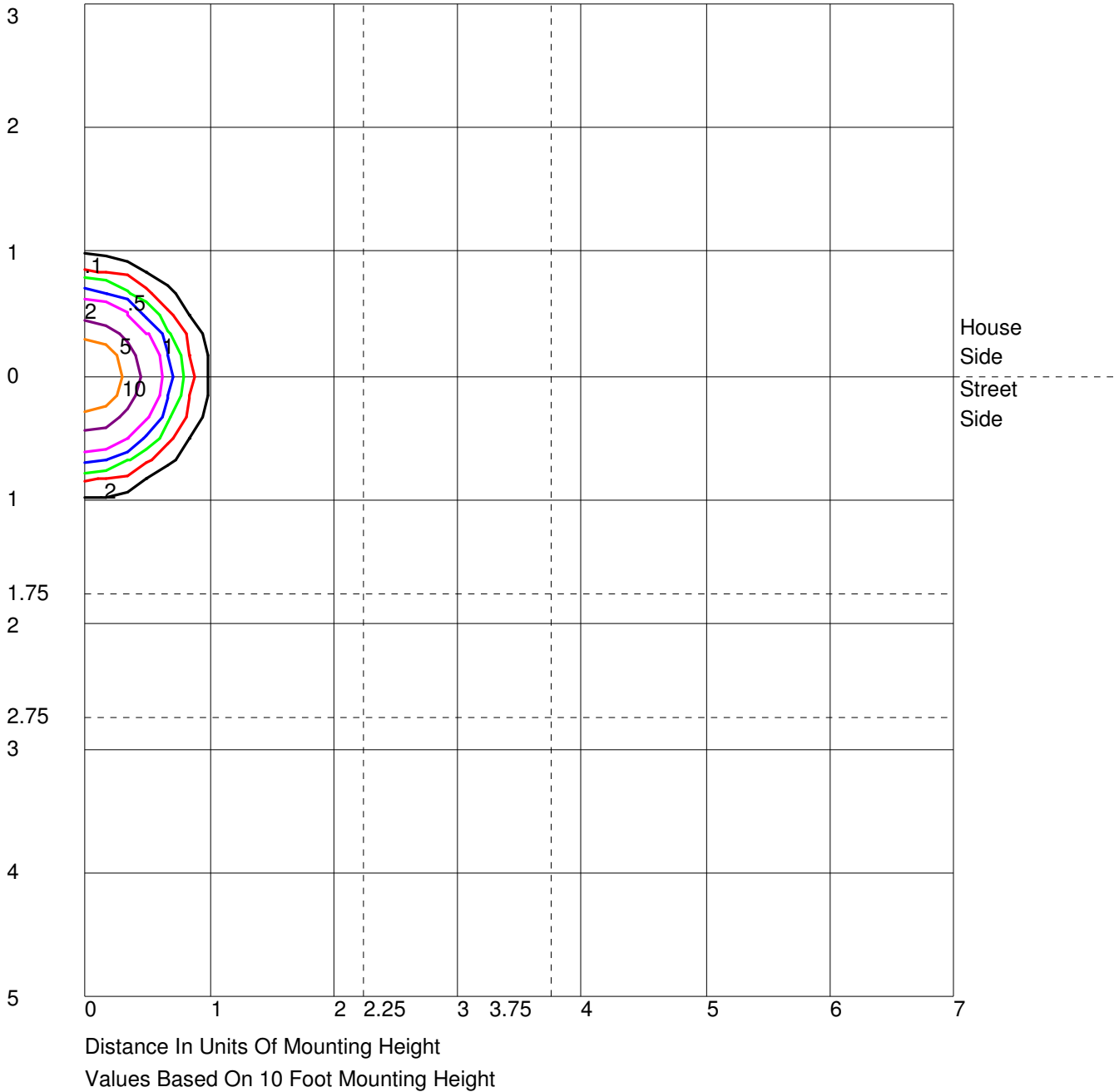


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