

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CR-XX-L10-840-XXX-DIM-UNV-N-XXX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] W6CR_Angela-M_(V18)_measured
[TESTLAB] LEDIL Inc
[TESTDATE] 21 Aug 2024
[ISSUEDATE] 2025-07-15
[MANUFAC] H.E. WILLIAMS, INC.
[LUMCAT] W6CR-xx-L10-840-xxx-DIM-UNV-N-xxx
[LUMINAIRE] 6 INCH ROUND WET LOCATION LED
[MORE] CYLINDER WITH NARROW DIST.
[LAMPCAT] BL V18 COB
[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	967
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	10.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	2851.214
Maximum Candela Angle	90H 0V
Maximum Candela (<90 Degrees Vertical)	2851.214
Maximum Candela Angle (<90 Degrees Vertical)	90H 0V
Maximum Candela At 90 Degrees Vertical	.087 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.916 (0.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CR-XX-L10-840-XXX-DIM-UNV-N-XXX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	379.3	N.A.	39.2
FM - Front-Medium (30-60)	97.0	N.A.	10.0
FH - Front-High (60-80)	7.2	N.A.	0.7
FVH - Front-Very High (80-90)	0.3	N.A.	0.0
BL - Back-Low (0-30)	379.3	N.A.	39.2
BM - Back-Medium (30-60)	97.0	N.A.	10.0
BH - Back-High (60-80)	7.2	N.A.	0.7
BVH - Back-Very High (80-90)	0.3	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	967.7	N.A.	100.0
BUG Rating	B1-U1-G0		

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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	2851.214	2851.214	2851.214	2851.214	2851.214
1	2832.874	2832.079	2832.571	2832.546	2831.513
2	2782.848	2782.105	2781.760	2781.945	2780.898
3	2702.762	2701.185	2700.874	2701.419	2699.126
4	2592.671	2591.799	2590.348	2590.676	2589.255
5	2455.106	2454.569	2456.387	2456.561	2457.318
6	2299.714	2299.173	2301.892	2305.273	2308.221
7	2132.113	2132.999	2138.157	2143.802	2146.081
8	1958.039	1960.478	1967.164	1975.423	1978.099
9	1788.146	1790.323	1798.363	1808.932	1813.792
10	1626.487	1628.643	1637.939	1648.749	1654.834
11	1476.039	1477.871	1486.706	1498.071	1504.735
12	1338.649	1340.885	1349.207	1360.209	1364.986
13	1216.087	1218.460	1227.246	1239.057	1240.865
14	1108.244	1112.009	1120.735	1128.021	1131.357
15	1017.309	1017.742	1023.897	1031.996	1036.445
16	932.293	934.903	943.242	950.629	956.446
17	862.978	865.058	870.117	877.549	881.321
18	803.992	805.698	810.168	816.721	819.700
19	754.573	755.892	759.734	764.629	767.741
20	713.368	713.835	716.749	720.448	722.988
21	677.494	677.076	679.473	682.414	684.557
22	646.995	645.037	647.103	649.280	651.405
23	619.660	616.847	618.553	620.012	622.416
24	593.731	591.682	592.188	593.371	595.911
25	570.073	568.151	567.655	568.433	570.443
26	546.667	544.898	543.443	544.277	545.714
27	523.027	520.546	518.823	518.993	520.944
28	496.812	493.933	490.831	490.873	492.737
29	465.698	464.107	460.611	460.740	463.395
30	432.913	430.721	424.462	425.665	428.007
31	392.119	390.131	385.294	385.158	387.667
32	346.385	345.426	341.556	343.109	344.470
33	297.992	297.626	295.114	297.703	299.228
34	249.442	249.791	249.027	252.052	253.434
35	204.019	204.479	205.359	209.169	210.062
36	164.168	164.419	167.092	171.143	172.186
37	130.740	132.296	134.826	139.579	139.439
38	104.689	106.734	110.164	112.722	113.262
39	88.014	87.515	90.456	92.965	93.506
40	73.313	74.510	77.522	79.099	80.543
41	64.688	65.393	67.015	68.097	68.687
42	58.564	58.941	60.159	60.843	61.167
43	53.854	54.094	55.068	55.462	55.815
44	49.921	50.162	50.846	51.181	51.320
45	46.456	46.722	47.336	47.500	47.653
46	43.246	43.529	44.045	44.265	44.391
47	40.218	40.479	40.978	41.202	41.324
48	37.360	37.625	38.096	38.354	38.476
49	34.691	34.928	35.371	35.643	35.758
50	32.178	32.370	32.813	33.078	33.197
51	29.830	30.015	30.423	30.695	30.817
52	27.649	27.806	28.190	28.466	28.560

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53	25.611	25.765	26.117	26.396	26.480
54	23.738	23.874	24.184	24.446	24.537
55	21.958	22.070	22.377	22.604	22.708
56	20.227	20.336	20.622	20.835	20.932
57	18.587	18.696	18.961	19.149	19.247
58	17.111	17.206	17.446	17.617	17.715
59	15.751	15.831	16.047	16.208	16.302
60	14.495	14.571	14.774	14.910	14.997
61	13.357	13.420	13.605	13.727	13.790
62	12.317	12.380	12.537	12.649	12.701
63	11.365	11.420	11.567	11.658	11.700
64	10.506	10.534	10.674	10.751	10.775
65	9.714	9.735	9.861	9.920	9.944
66	8.967	8.992	9.090	9.149	9.159
67	8.280	8.305	8.392	8.437	8.448
68	7.645	7.669	7.739	7.778	7.781
69	7.055	7.062	7.132	7.160	7.157
70	6.497	6.504	6.560	6.581	6.574
71	5.970	5.970	6.016	6.033	6.019
72	5.478	5.464	5.503	5.513	5.510
73	4.990	4.979	5.011	5.014	5.004
74	4.519	4.512	4.533	4.540	4.529
75	4.069	4.058	4.072	4.082	4.069
76	3.622	3.611	3.622	3.629	3.622
77	3.179	3.175	3.189	3.189	3.189
78	2.746	2.743	2.757	2.757	2.764
79	2.313	2.310	2.331	2.334	2.338
80	1.881	1.881	1.902	1.916	1.912
81	1.417	1.431	1.441	1.452	1.445
82	0.823	0.844	0.865	0.862	0.869
83	0.412	0.412	0.447	0.464	0.492
84	0.373	0.373	0.377	0.373	0.373
85	0.345	0.345	0.345	0.345	0.345
86	0.307	0.311	0.311	0.307	0.311
87	0.262	0.262	0.265	0.262	0.262
88	0.202	0.206	0.206	0.202	0.202
89	0.136	0.136	0.136	0.136	0.136
90	0.077	0.080	0.084	0.087	0.087
91	0.073	0.077	0.073	0.073	0.070
92	0.077	0.077	0.077	0.077	0.070
93	0.077	0.077	0.077	0.077	0.070
94	0.077	0.080	0.080	0.077	0.073
95	0.080	0.080	0.080	0.077	0.077
96	0.080	0.084	0.084	0.080	0.084
97	0.087	0.087	0.087	0.087	0.087
98	0.091	0.091	0.087	0.091	0.091
99	0.094	0.098	0.094	0.091	0.094
100	0.094	0.098	0.098	0.094	0.094
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

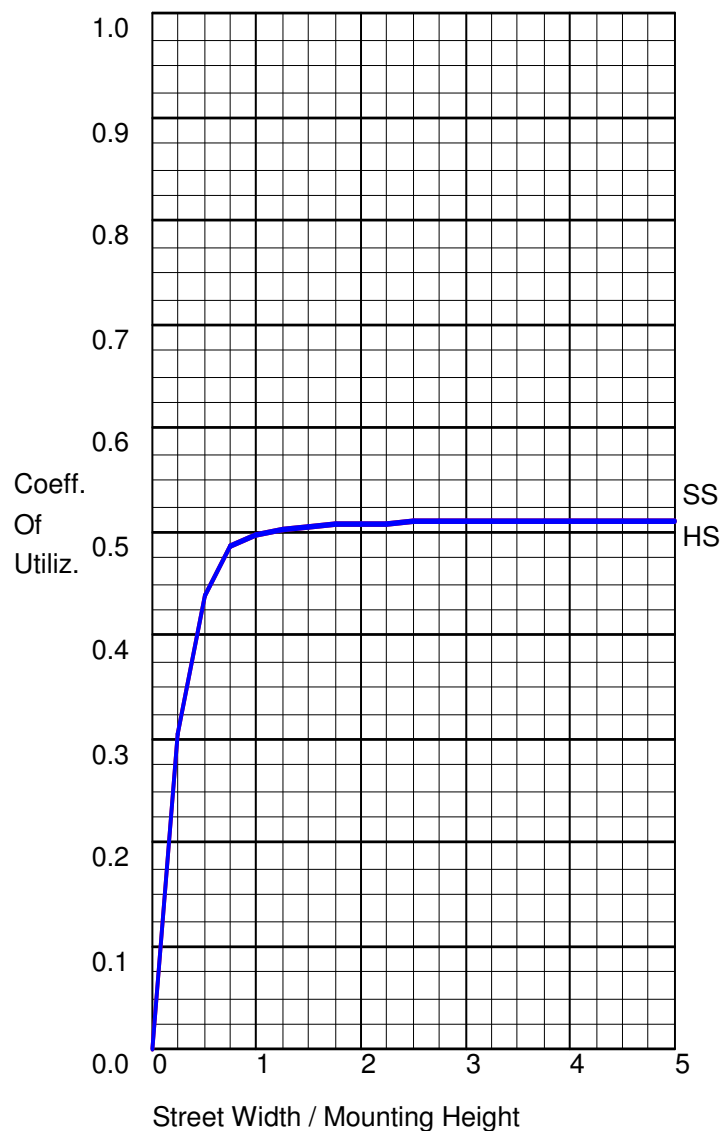
IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CR-XX-L10-840-XXX-DIM-UNV-N-XXX_.IES****CANDELA TABULATION - (Cont.)**

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

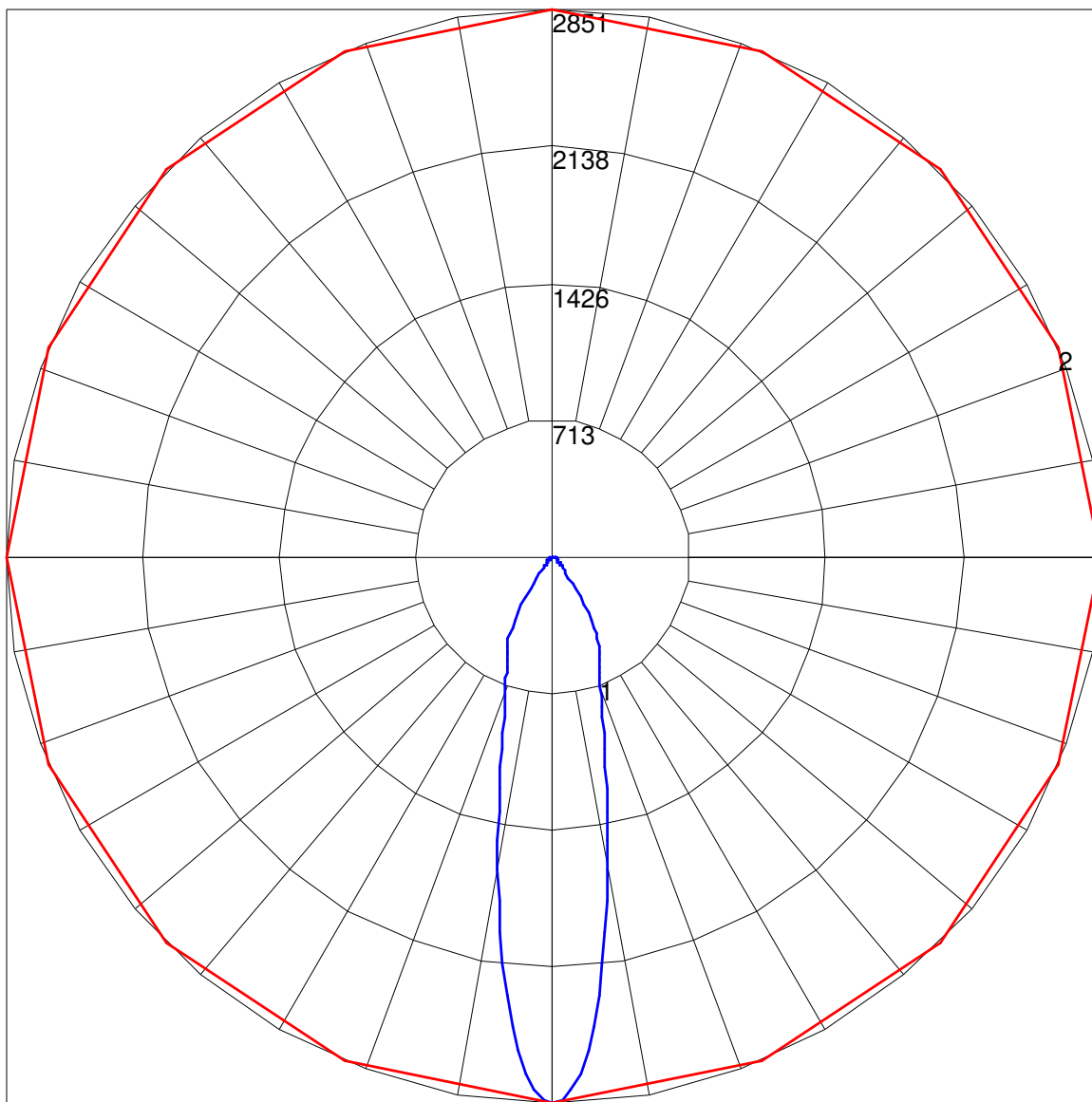
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	483.7	50.0
Downward House Side	483.7	50.0
Downward Total	967.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	967.4	100.0

POLAR GRAPH



Maximum Candela = 2851.214 Located At Horizontal Angle = 90, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

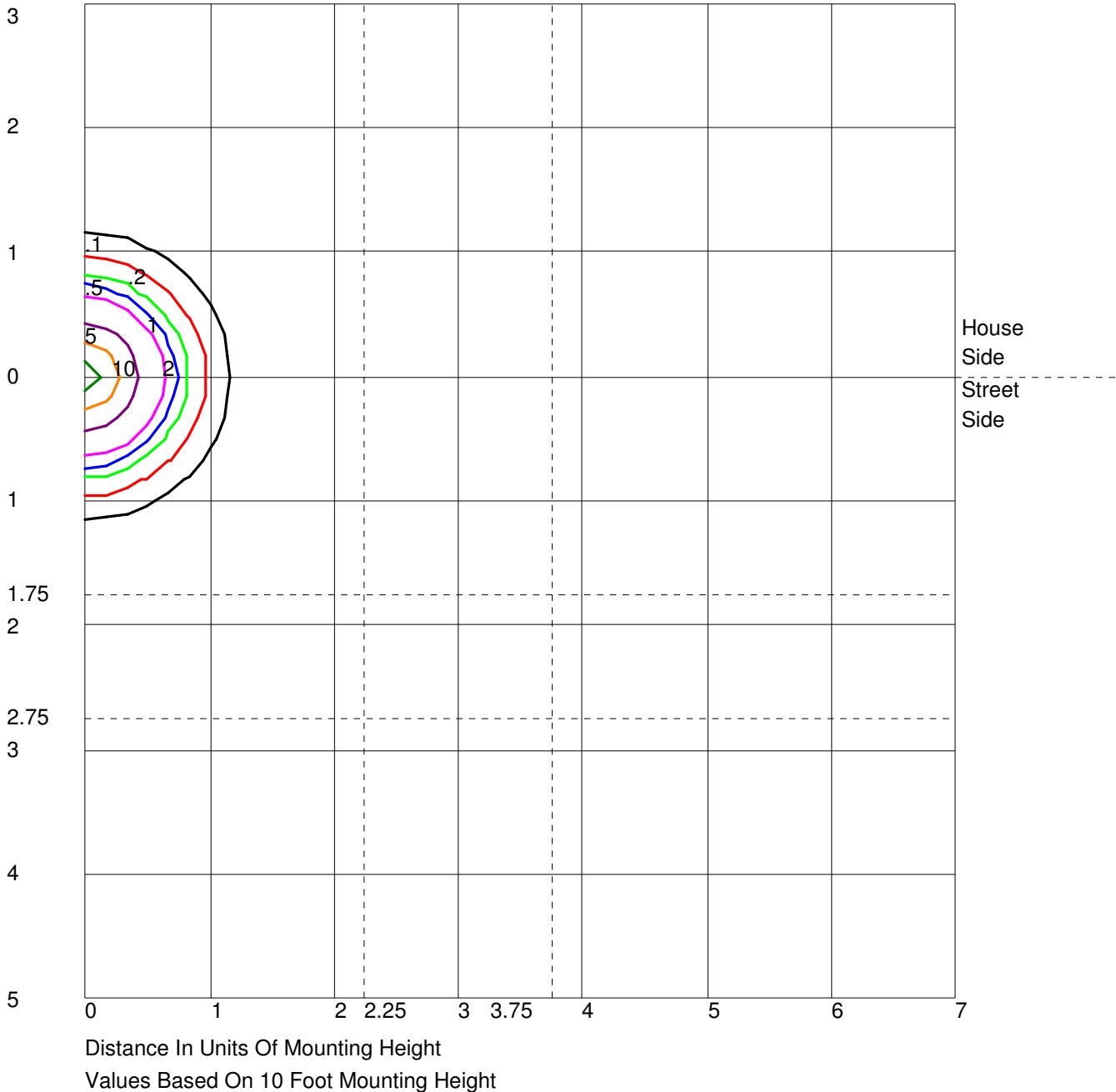


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