

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CR-XX-L10-927-XXX-DIM-UNV-S-XXX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] W6CR_Angela-S_(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-S-xxx
[LUMINAIRE] 6 INCH ROUND WET LOCATION LED
[MORE] CYLINDER WITH SPOT DISTRIBUTION
[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	1004
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	10.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	9962.068
Maximum Candela Angle	90H 0V
Maximum Candela (<90 Degrees Vertical)	9962.068
Maximum Candela Angle (<90 Degrees Vertical)	90H 0V
Maximum Candela At 90 Degrees Vertical	.071 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.628 (0.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	443.7	N.A.	44.2
FM - Front-Medium (30-60)	53.1	N.A.	5.3
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)	443.7	N.A.	44.2
BM - Back-Medium (30-60)	53.1	N.A.	5.3
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	1003.9	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	9962.068	9962.068	9962.068	9962.068	9962.068
1	9790.711	9794.596	9794.999	9796.160	9797.185
2	9376.802	9355.634	9388.976	9367.914	9386.638
3	8701.075	8694.211	8700.459	8749.191	8736.144
4	7745.971	7833.496	7851.518	7850.238	7868.511
5	6743.637	6755.443	6780.692	6857.066	6861.899
6	5602.695	5622.961	5722.257	5771.211	5828.661
7	4539.398	4515.721	4609.827	4720.355	4729.607
8	3491.900	3540.823	3641.918	3717.695	3751.530
9	2662.164	2708.801	2787.229	2872.610	2913.589
10	2020.935	2039.128	2132.421	2206.019	2242.681
11	1537.194	1556.969	1630.935	1703.621	1721.246
12	1191.824	1218.447	1275.046	1314.278	1335.165
13	975.156	971.781	1006.222	1043.783	1062.121
14	784.289	791.478	824.526	861.427	867.188
15	665.689	669.744	703.089	716.929	742.627
16	582.290	584.808	603.870	621.115	629.678
17	523.134	524.759	539.189	553.043	560.187
18	481.230	482.459	493.552	504.936	510.307
19	452.651	453.779	462.674	470.795	476.914
20	434.993	434.049	440.584	446.928	451.422
21	420.840	420.902	424.961	429.655	433.700
22	411.759	410.862	414.264	416.962	421.176
23	404.273	402.571	405.230	407.474	411.394
24	396.719	395.004	396.603	398.057	402.110
25	388.473	387.189	387.483	388.863	392.402
26	378.946	377.521	377.228	378.488	381.448
27	367.804	365.638	364.870	365.641	369.107
28	353.039	350.576	348.848	349.554	353.297
29	333.789	331.648	328.041	329.198	332.593
30	308.881	306.963	302.507	303.749	306.634
31	277.729	276.159	271.858	273.238	276.075
32	241.453	240.683	237.062	239.229	241.660
33	202.051	201.941	199.501	202.261	204.711
34	162.039	162.626	161.669	164.776	166.740
35	124.665	125.938	125.751	130.258	130.645
36	92.119	92.871	95.147	98.010	99.357
37	66.709	65.439	69.762	72.612	75.787
38	45.989	45.560	48.510	51.444	52.321
39	30.898	33.090	35.192	36.710	37.400
40	22.538	23.625	25.233	27.422	27.300
41	17.938	18.450	19.556	20.417	20.865
42	15.459	15.597	16.306	16.771	17.019
43	14.121	14.140	14.530	14.724	14.865
44	13.373	13.402	13.553	13.592	13.676
45	12.937	12.970	12.992	12.970	13.031
46	12.647	12.667	12.625	12.580	12.631
47	12.418	12.415	12.341	12.293	12.312
48	12.238	12.209	12.106	12.067	12.061
49	12.093	12.038	11.916	11.857	11.838
50	11.980	11.896	11.751	11.680	11.641
51	11.893	11.790	11.606	11.529	11.477
52	11.838	11.703	11.493	11.400	11.335

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53	11.796	11.635	11.396	11.284	11.229
54	11.745	11.564	11.287	11.155	11.090
55	11.571	11.380	11.097	10.945	10.910
56	11.268	11.084	10.784	10.636	10.652
57	10.877	10.726	10.407	10.275	10.336
58	10.439	10.313	9.991	9.878	9.968
59	9.930	9.830	9.523	9.430	9.552
60	9.378	9.288	9.024	8.953	9.082
61	8.801	8.714	8.501	8.450	8.566
62	8.214	8.134	7.973	7.937	8.034
63	7.637	7.566	7.454	7.421	7.492
64	7.073	7.002	6.947	6.918	6.973
65	6.557	6.486	6.470	6.441	6.490
66	6.064	6.006	6.006	5.987	6.025
67	5.613	5.574	5.584	5.568	5.600
68	5.213	5.184	5.200	5.181	5.210
69	4.846	4.826	4.839	4.826	4.846
70	4.507	4.501	4.507	4.494	4.507
71	4.194	4.194	4.198	4.181	4.188
72	3.911	3.901	3.904	3.888	3.888
73	3.633	3.620	3.617	3.601	3.601
74	3.363	3.343	3.343	3.324	3.327
75	3.088	3.069	3.066	3.043	3.053
76	2.808	2.792	2.792	2.769	2.782
77	2.528	2.518	2.515	2.499	2.511
78	2.244	2.228	2.228	2.215	2.231
79	1.941	1.928	1.934	1.925	1.947
80	1.612	1.609	1.612	1.618	1.628
81	1.238	1.244	1.241	1.244	1.244
82	0.706	0.725	0.745	0.738	0.754
83	0.335	0.339	0.377	0.393	0.416
84	0.306	0.306	0.306	0.303	0.303
85	0.284	0.280	0.280	0.277	0.280
86	0.255	0.251	0.251	0.251	0.251
87	0.216	0.216	0.216	0.213	0.213
88	0.171	0.171	0.171	0.168	0.164
89	0.116	0.116	0.113	0.113	0.110
90	0.064	0.068	0.071	0.071	0.071
91	0.064	0.064	0.061	0.058	0.058
92	0.064	0.064	0.061	0.061	0.058
93	0.068	0.068	0.061	0.061	0.058
94	0.071	0.068	0.064	0.061	0.061
95	0.071	0.068	0.064	0.064	0.061
96	0.074	0.068	0.068	0.064	0.064
97	0.074	0.068	0.071	0.068	0.068
98	0.074	0.071	0.071	0.068	0.068
99	0.074	0.071	0.071	0.068	0.071
100	0.074	0.074	0.074	0.071	0.071
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

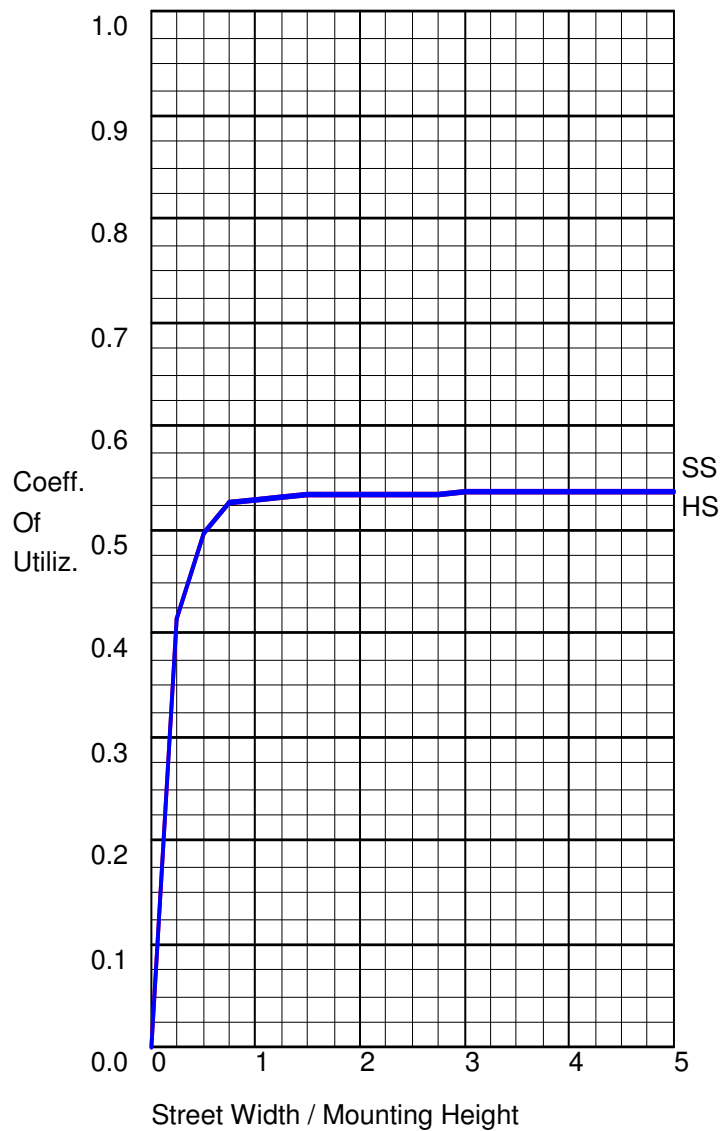
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109	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000
111	0.000	0.000	0.000	0.000	0.000
112	0.000	0.000	0.000	0.000	0.000
113	0.000	0.000	0.000	0.000	0.000
114	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000
116	0.000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

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

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

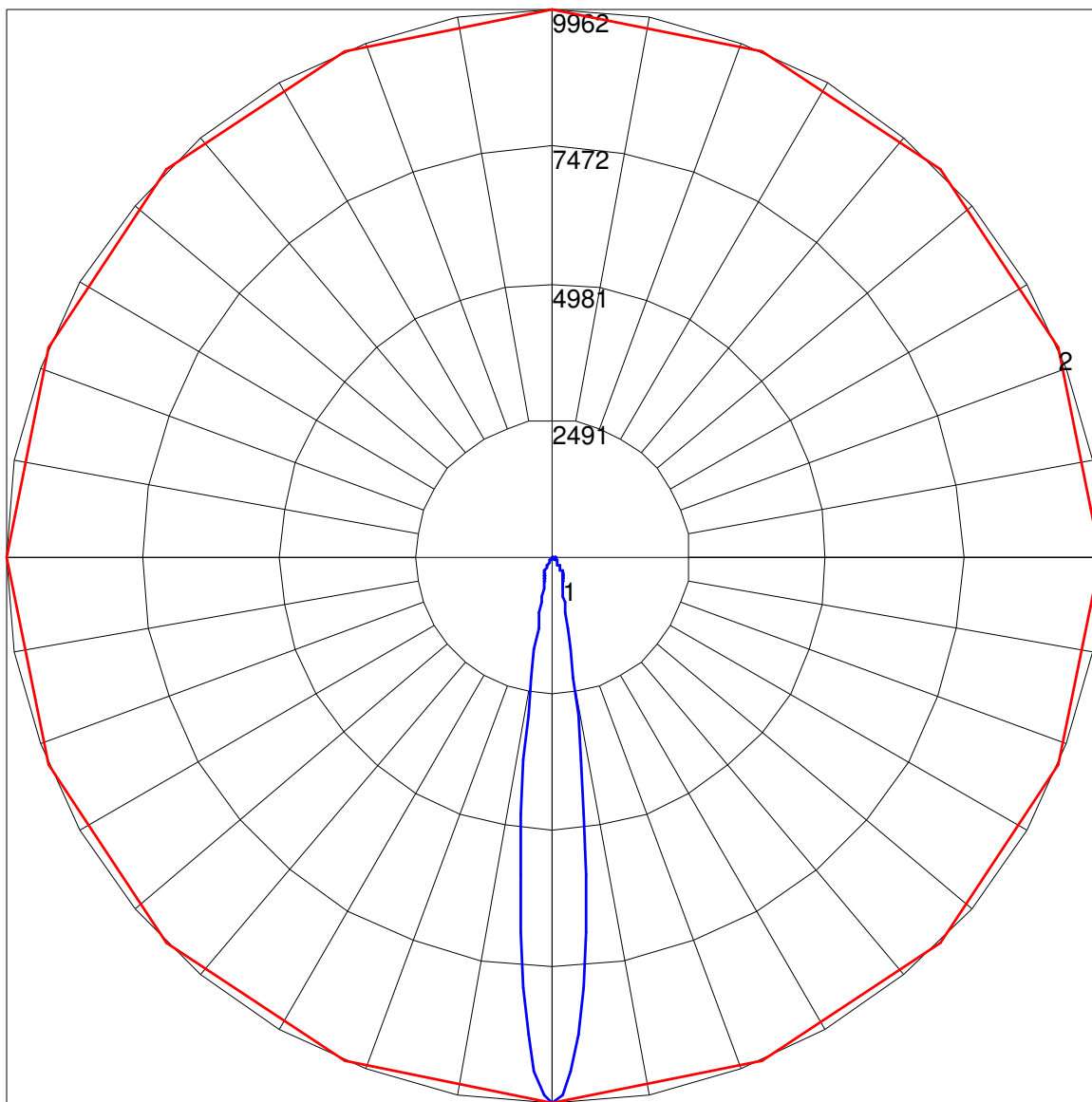
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	501.9	50.0
Downward House Side	501.9	50.0
Downward Total	1003.8	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	1003.8	100.0

POLAR GRAPH



Maximum Candela = 9962.068 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

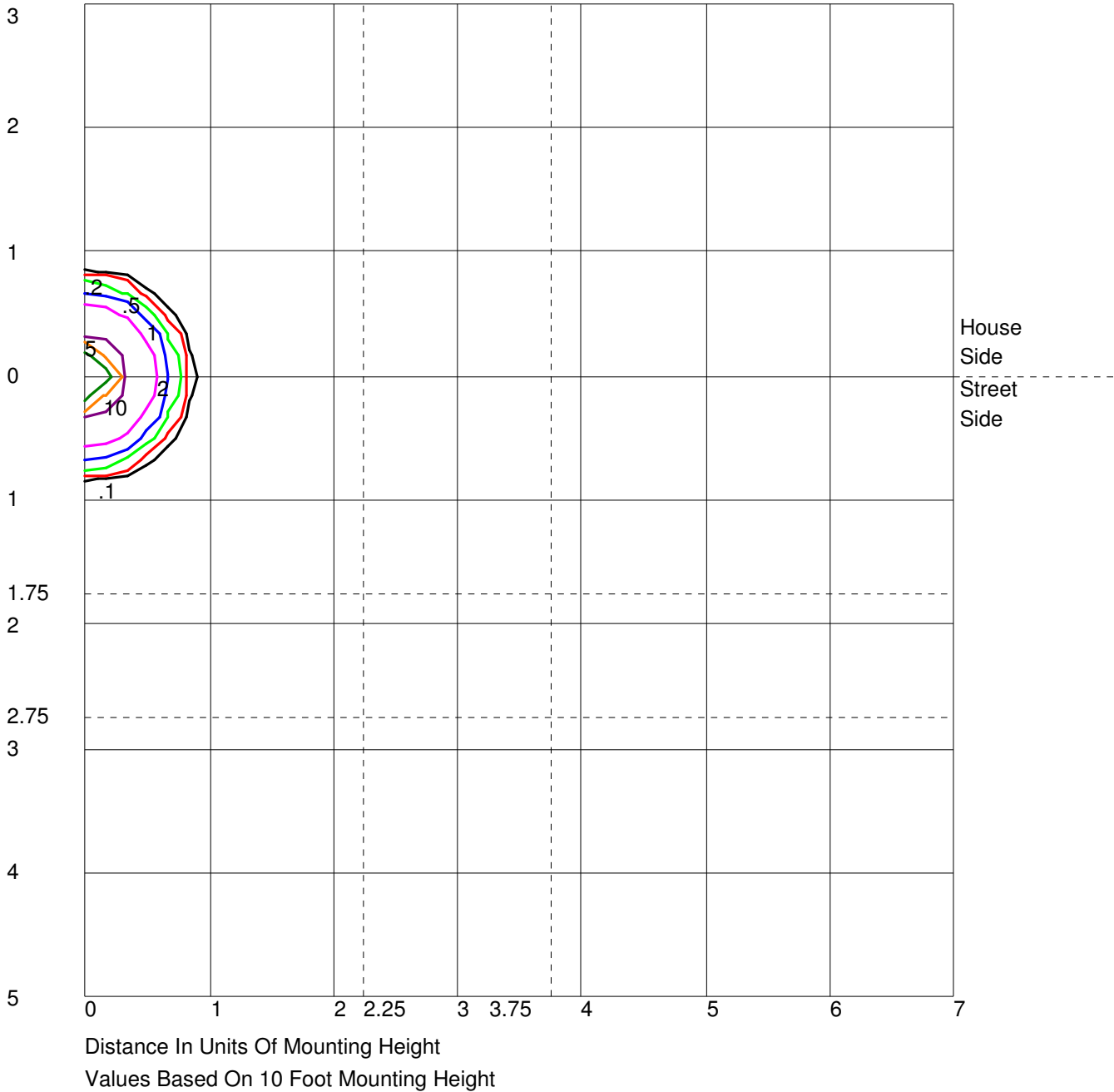


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