

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CR-XX-L10-827-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-L10-827-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	966
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	2057.339
Maximum Candela Angle	0H 2V
Maximum Candela (<90 Degrees Vertical)	2057.339
Maximum Candela Angle (<90 Degrees Vertical)	0H 2V
Maximum Candela At 90 Degrees Vertical	.074 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.605 (0.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CR-XX-L10-827-XXX-DIM-UNV-M-XXX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	404.7	N.A.	41.9
FM - Front-Medium (30-60)	73.1	N.A.	7.6
FH - Front-High (60-80)	5.1	N.A.	0.5
FVH - Front-Very High (80-90)	0.2	N.A.	0.0
BL - Back-Low (0-30)	404.7	N.A.	41.9
BM - Back-Medium (30-60)	73.1	N.A.	7.6
BH - Back-High (60-80)	5.1	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	966.3	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	2052.674	2052.674	2052.674	2052.674	2052.674
1	2055.313	2055.262	2054.334	2053.673	2052.841
2	2057.339	2056.058	2053.525	2051.104	2048.642
3	2056.215	2054.658	2050.112	2045.586	2041.637
4	2052.626	2049.310	2042.437	2035.689	2031.602
5	2039.734	2035.702	2026.630	2017.448	2012.925
6	2017.230	2011.882	1999.477	1988.181	1982.422
7	1979.664	1973.115	1959.218	1947.867	1939.430
8	1927.157	1920.679	1906.727	1896.285	1885.530
9	1859.454	1854.535	1842.587	1833.094	1822.035
10	1778.784	1777.480	1767.500	1760.110	1751.766
11	1688.923	1689.934	1683.879	1678.624	1671.350
12	1594.529	1595.113	1592.956	1591.300	1584.337
13	1497.307	1497.994	1499.635	1499.891	1493.310
14	1397.501	1398.143	1403.539	1405.584	1399.963
15	1297.570	1298.870	1305.990	1309.942	1305.355
16	1199.452	1201.330	1208.685	1214.136	1210.694
17	1104.208	1108.371	1113.505	1120.708	1117.675
18	1014.000	1018.453	1023.371	1029.692	1027.843
19	929.793	932.887	938.967	944.585	941.927
20	854.195	854.269	860.294	866.182	864.304
21	781.993	782.160	787.547	793.502	790.857
22	718.649	717.442	723.134	728.084	726.704
23	663.773	661.854	667.228	670.942	670.929
24	615.434	613.780	618.066	620.978	621.209
25	572.542	571.675	574.227	577.081	576.914
26	535.040	533.778	534.802	537.602	536.420
27	499.917	498.036	498.655	500.495	500.068
28	465.384	463.041	462.312	464.424	467.211
29	429.247	427.706	426.207	427.346	428.704
30	392.419	389.501	386.615	388.926	389.681
31	349.771	347.806	345.106	346.480	347.549
32	304.455	303.470	300.751	303.303	303.537
33	257.319	256.970	255.204	257.904	258.514
34	210.684	210.938	210.248	213.037	213.419
35	167.654	167.857	168.139	171.545	171.577
36	130.181	131.067	131.864	135.777	135.276
37	99.049	100.249	102.378	104.583	104.644
38	77.168	75.761	78.278	81.431	80.789
39	58.160	59.213	62.388	62.866	64.937
40	47.511	47.788	49.251	50.596	51.361
41	39.682	40.443	41.454	41.768	42.096
42	34.751	34.934	35.675	36.292	36.022
43	31.136	31.293	31.765	31.842	31.756
44	28.321	28.513	28.777	28.716	28.555
45	25.977	26.192	26.350	26.205	26.054
46	23.913	24.106	24.237	24.057	23.907
47	21.997	22.192	22.305	22.131	21.942
48	20.269	20.452	20.555	20.385	20.189
49	18.722	18.873	18.963	18.799	18.594
50	17.310	17.425	17.515	17.358	17.162
51	16.042	16.147	16.215	16.070	15.887
52	14.908	14.992	15.040	14.921	14.735

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53	13.904	13.958	14.003	13.900	13.717
54	13.001	13.043	13.075	12.973	12.812
55	12.170	12.192	12.228	12.125	11.990
56	11.367	11.400	11.416	11.335	11.226
57	10.645	10.668	10.677	10.607	10.520
58	10.006	10.022	10.029	9.961	9.881
59	9.432	9.438	9.435	9.374	9.306
60	8.908	8.905	8.902	8.844	8.786
61	8.430	8.417	8.411	8.356	8.302
62	7.987	7.974	7.958	7.907	7.852
63	7.579	7.557	7.541	7.486	7.432
64	7.178	7.159	7.140	7.085	7.034
65	6.799	6.783	6.758	6.706	6.655
66	6.427	6.411	6.379	6.331	6.279
67	6.067	6.051	6.019	5.968	5.923
68	5.714	5.698	5.666	5.611	5.570
69	5.361	5.348	5.316	5.265	5.217
70	5.018	4.998	4.969	4.921	4.870
71	4.674	4.648	4.623	4.578	4.530
72	4.327	4.302	4.279	4.234	4.196
73	3.981	3.958	3.936	3.897	3.852
74	3.634	3.618	3.592	3.560	3.528
75	3.297	3.284	3.258	3.229	3.201
76	2.957	2.950	2.925	2.902	2.880
77	2.626	2.620	2.600	2.584	2.565
78	2.289	2.286	2.276	2.257	2.254
79	1.952	1.949	1.942	1.936	1.933
80	1.599	1.605	1.599	1.605	1.592
81	1.210	1.223	1.213	1.213	1.201
82	0.684	0.700	0.709	0.716	0.722
83	0.308	0.315	0.356	0.382	0.411
84	0.283	0.286	0.286	0.283	0.283
85	0.260	0.260	0.260	0.260	0.260
86	0.231	0.231	0.234	0.231	0.231
87	0.196	0.196	0.196	0.199	0.196
88	0.151	0.154	0.154	0.154	0.151
89	0.103	0.106	0.106	0.106	0.106
90	0.061	0.064	0.071	0.074	0.074
91	0.061	0.064	0.064	0.064	0.061
92	0.061	0.061	0.064	0.064	0.064
93	0.061	0.064	0.064	0.064	0.064
94	0.061	0.064	0.064	0.064	0.064
95	0.064	0.064	0.064	0.067	0.064
96	0.064	0.064	0.067	0.067	0.064
97	0.064	0.067	0.067	0.067	0.064
98	0.064	0.071	0.071	0.067	0.067
99	0.067	0.071	0.071	0.071	0.067
100	0.067	0.071	0.071	0.071	0.067
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

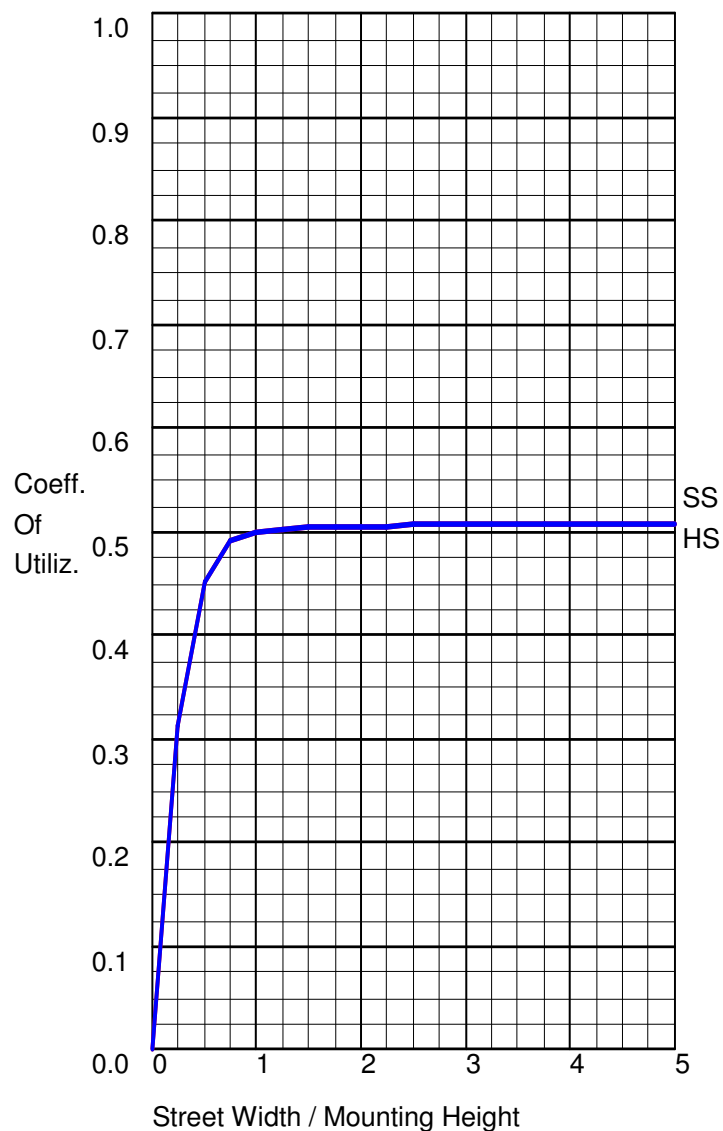
IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CR-XX-L10-827-XXX-DIM-UNV-M-XXX_.IES****CANDELA TABULATION - (Cont.)**

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

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CR-XX-L10-827-XXX-DIM-UNV-M-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

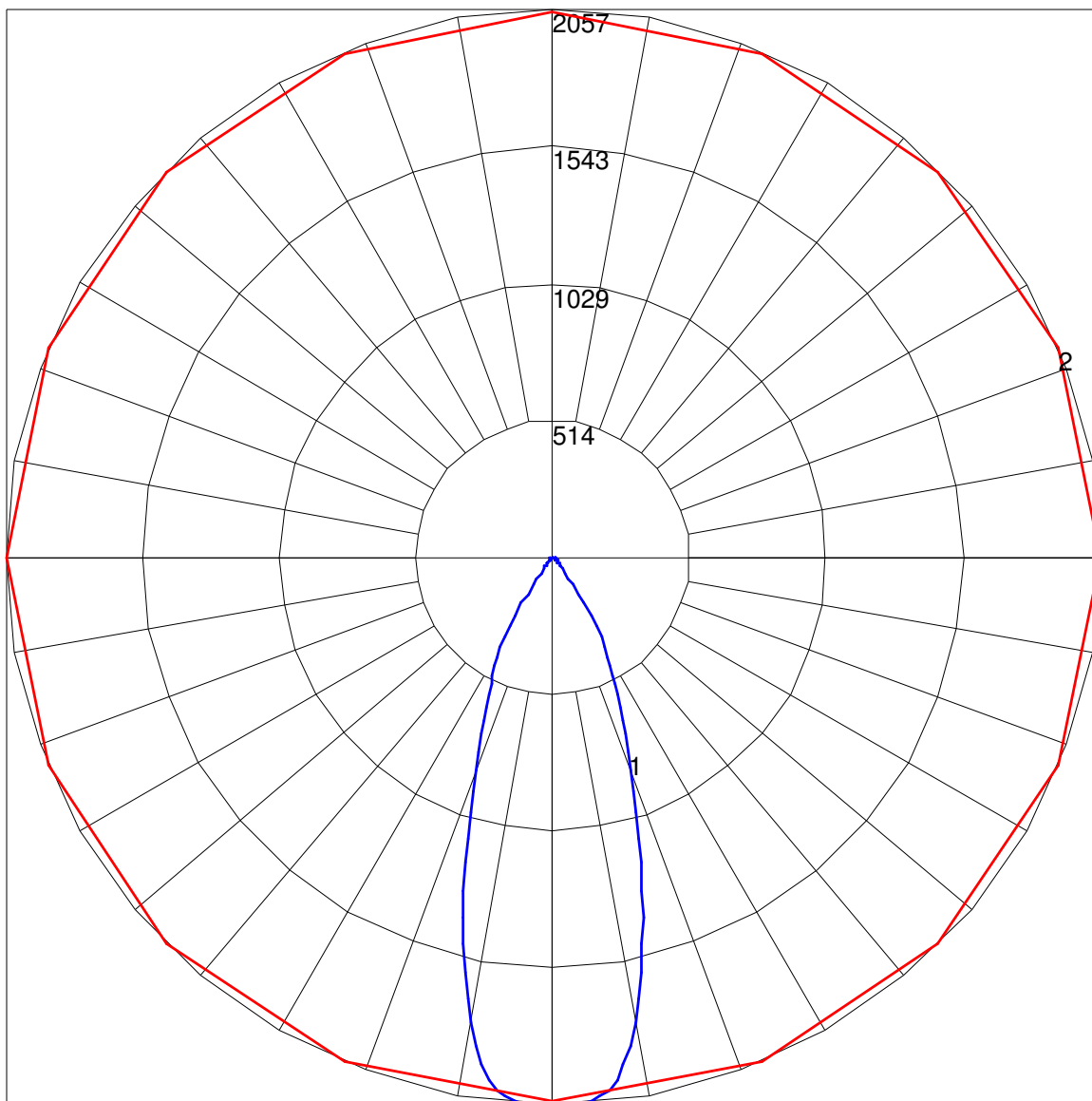
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	483.1	50.0
Downward House Side	483.1	50.0
Downward Total	966.2	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	966.2	100.0

POLAR GRAPH



Maximum Candela = 2057.339 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

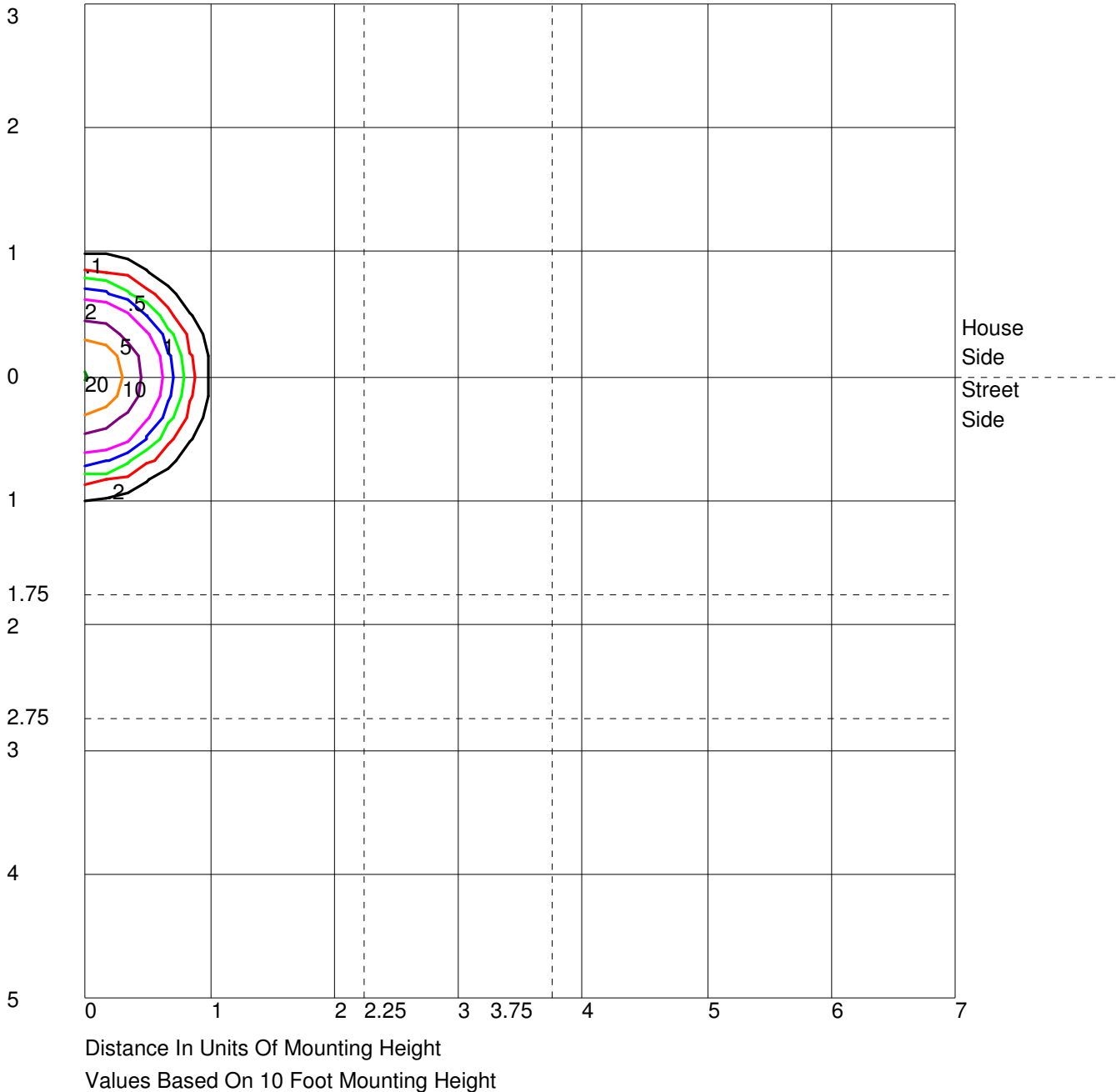


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