

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CR-XX-L10-950-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-L10-950-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	1015
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	10.1
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	10068.048
Maximum Candela Angle	90H 0V
Maximum Candela (<90 Degrees Vertical)	10068.048
Maximum Candela Angle (<90 Degrees Vertical)	90H 0V
Maximum Candela At 90 Degrees Vertical	.072 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.645 (0.2% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

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

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	448.4	N.A.	44.2
FM - Front-Medium (30-60)	53.6	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)	448.4	N.A.	44.2
BM - Back-Medium (30-60)	53.6	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	1014.3	N.A.	100.0
BUG Rating	B1-U1-G0		

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CR-XX-L10-950-XXX-DIM-UNV-S-XXX\_IES****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>
<b>0</b>	10068.048	10068.048	10068.048	10068.048	10068.048
<b>1</b>	9894.869	9898.795	9899.202	9900.375	9901.411
<b>2</b>	9476.557	9455.163	9488.860	9467.574	9486.497
<b>3</b>	8793.640	8786.704	8793.018	8842.269	8829.083
<b>4</b>	7828.376	7916.832	7935.046	7933.752	7952.219
<b>5</b>	6815.379	6827.310	6852.828	6930.015	6934.899
<b>6</b>	5662.299	5682.780	5783.132	5832.608	5890.669
<b>7</b>	4587.690	4563.762	4658.868	4770.572	4779.923
<b>8</b>	3529.049	3578.492	3680.662	3757.246	3791.440
<b>9</b>	2690.485	2737.618	2816.880	2903.170	2944.585
<b>10</b>	2042.435	2060.821	2155.106	2229.487	2266.540
<b>11</b>	1553.547	1573.533	1648.285	1721.744	1739.557
<b>12</b>	1204.504	1231.410	1288.610	1328.259	1349.369
<b>13</b>	985.530	982.119	1016.926	1054.888	1073.420
<b>14</b>	792.633	799.898	833.298	870.591	876.414
<b>15</b>	672.770	676.869	710.569	724.556	750.527
<b>16</b>	588.484	591.029	610.295	627.723	636.376
<b>17</b>	528.700	530.342	544.926	558.926	566.146
<b>18</b>	486.350	487.591	498.803	510.307	515.735
<b>19</b>	457.466	458.606	467.596	475.803	481.987
<b>20</b>	439.621	438.666	445.271	451.683	456.225
<b>21</b>	425.317	425.379	429.481	434.225	438.314
<b>22</b>	416.139	415.233	418.671	421.398	425.656
<b>23</b>	408.574	406.853	409.541	411.809	415.771
<b>24</b>	400.940	399.206	400.822	402.292	406.387
<b>25</b>	392.605	391.308	391.605	392.999	396.577
<b>26</b>	382.977	381.537	381.241	382.515	385.506
<b>27</b>	371.717	369.528	368.752	369.531	373.033
<b>28</b>	356.794	354.305	352.559	353.272	357.055
<b>29</b>	337.340	335.176	331.531	332.700	336.131
<b>30</b>	312.167	310.228	305.726	306.980	309.896
<b>31</b>	280.683	279.096	274.750	276.145	279.012
<b>32</b>	244.022	243.243	239.584	241.774	244.231
<b>33</b>	204.200	204.090	201.623	204.412	206.888
<b>34</b>	163.763	164.356	163.388	166.529	168.514
<b>35</b>	125.991	127.278	127.089	131.644	132.035
<b>36</b>	93.099	93.859	96.159	99.052	100.414
<b>37</b>	67.418	66.135	70.504	73.384	76.594
<b>38</b>	46.478	46.045	49.026	51.991	52.877
<b>39</b>	31.226	33.442	35.566	37.101	37.798
<b>40</b>	22.778	23.876	25.502	27.714	27.590
<b>41</b>	18.129	18.647	19.764	20.634	21.087
<b>42</b>	15.623	15.763	16.480	16.949	17.200
<b>43</b>	14.271	14.290	14.685	14.880	15.024
<b>44</b>	13.515	13.544	13.697	13.737	13.821
<b>45</b>	13.075	13.108	13.131	13.108	13.170
<b>46</b>	12.782	12.801	12.759	12.713	12.766
<b>47</b>	12.551	12.547	12.472	12.423	12.443
<b>48</b>	12.368	12.339	12.234	12.195	12.189
<b>49</b>	12.221	12.166	12.042	11.984	11.964
<b>50</b>	12.107	12.023	11.876	11.804	11.765
<b>51</b>	12.019	11.915	11.729	11.651	11.599
<b>52</b>	11.964	11.827	11.615	11.521	11.456

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CR-XX-L10-950-XXX-DIM-UNV-S-XXX\_.IES****CANDELA TABULATION - (Cont.)**

53	11.922	11.759	11.518	11.404	11.348
54	11.870	11.687	11.407	11.273	11.208
55	11.694	11.501	11.215	11.062	11.026
56	11.387	11.202	10.899	10.749	10.765
57	10.993	10.840	10.517	10.384	10.446
58	10.550	10.423	10.097	9.983	10.074
59	10.035	9.934	9.625	9.530	9.654
60	9.478	9.387	9.120	9.048	9.178
61	8.895	8.807	8.592	8.540	8.657
62	8.302	8.220	8.058	8.022	8.119
63	7.719	7.647	7.533	7.500	7.572
64	7.148	7.077	7.021	6.992	7.047
65	6.627	6.555	6.539	6.510	6.559
66	6.129	6.070	6.070	6.050	6.090
67	5.673	5.633	5.643	5.627	5.659
68	5.268	5.239	5.255	5.236	5.265
69	4.897	4.878	4.891	4.878	4.897
70	4.555	4.548	4.555	4.542	4.555
71	4.239	4.239	4.242	4.226	4.232
72	3.952	3.942	3.946	3.929	3.929
73	3.672	3.659	3.656	3.639	3.639
74	3.398	3.379	3.379	3.359	3.362
75	3.121	3.102	3.099	3.076	3.086
76	2.838	2.822	2.822	2.799	2.812
77	2.554	2.545	2.541	2.525	2.538
78	2.268	2.251	2.251	2.238	2.255
79	1.961	1.948	1.955	1.945	1.968
80	1.629	1.626	1.629	1.636	1.645
81	1.251	1.258	1.254	1.258	1.258
82	0.714	0.733	0.753	0.746	0.762
83	0.339	0.342	0.381	0.397	0.420
84	0.310	0.310	0.310	0.306	0.306
85	0.287	0.283	0.283	0.280	0.283
86	0.257	0.254	0.254	0.254	0.254
87	0.218	0.218	0.218	0.215	0.215
88	0.173	0.173	0.173	0.169	0.166
89	0.117	0.117	0.114	0.114	0.111
90	0.065	0.068	0.072	0.072	0.072
91	0.065	0.065	0.062	0.059	0.059
92	0.065	0.065	0.062	0.062	0.059
93	0.068	0.068	0.062	0.062	0.059
94	0.072	0.068	0.065	0.062	0.062
95	0.072	0.068	0.065	0.065	0.062
96	0.075	0.068	0.068	0.065	0.065
97	0.075	0.068	0.072	0.068	0.068
98	0.075	0.072	0.072	0.068	0.068
99	0.075	0.072	0.072	0.068	0.072
100	0.075	0.075	0.075	0.072	0.072
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

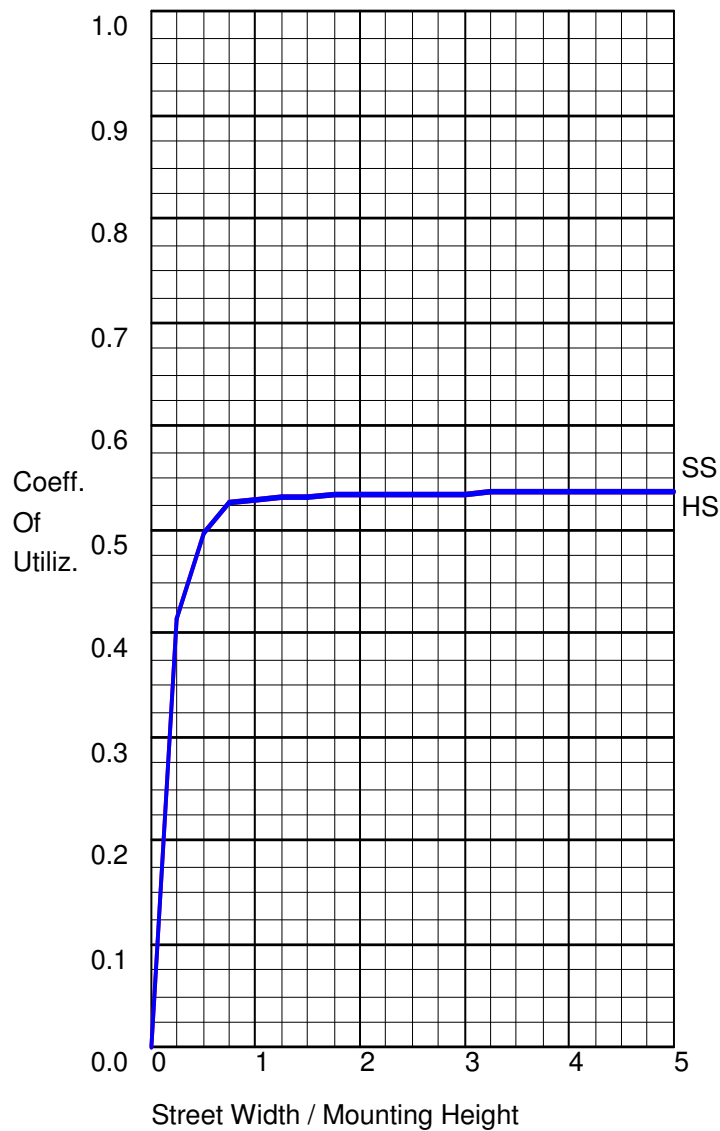
**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CR-XX-L10-950-XXX-DIM-UNV-S-XXX\_IES****CANDELA TABULATION - (Cont.)**

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-L10-950-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

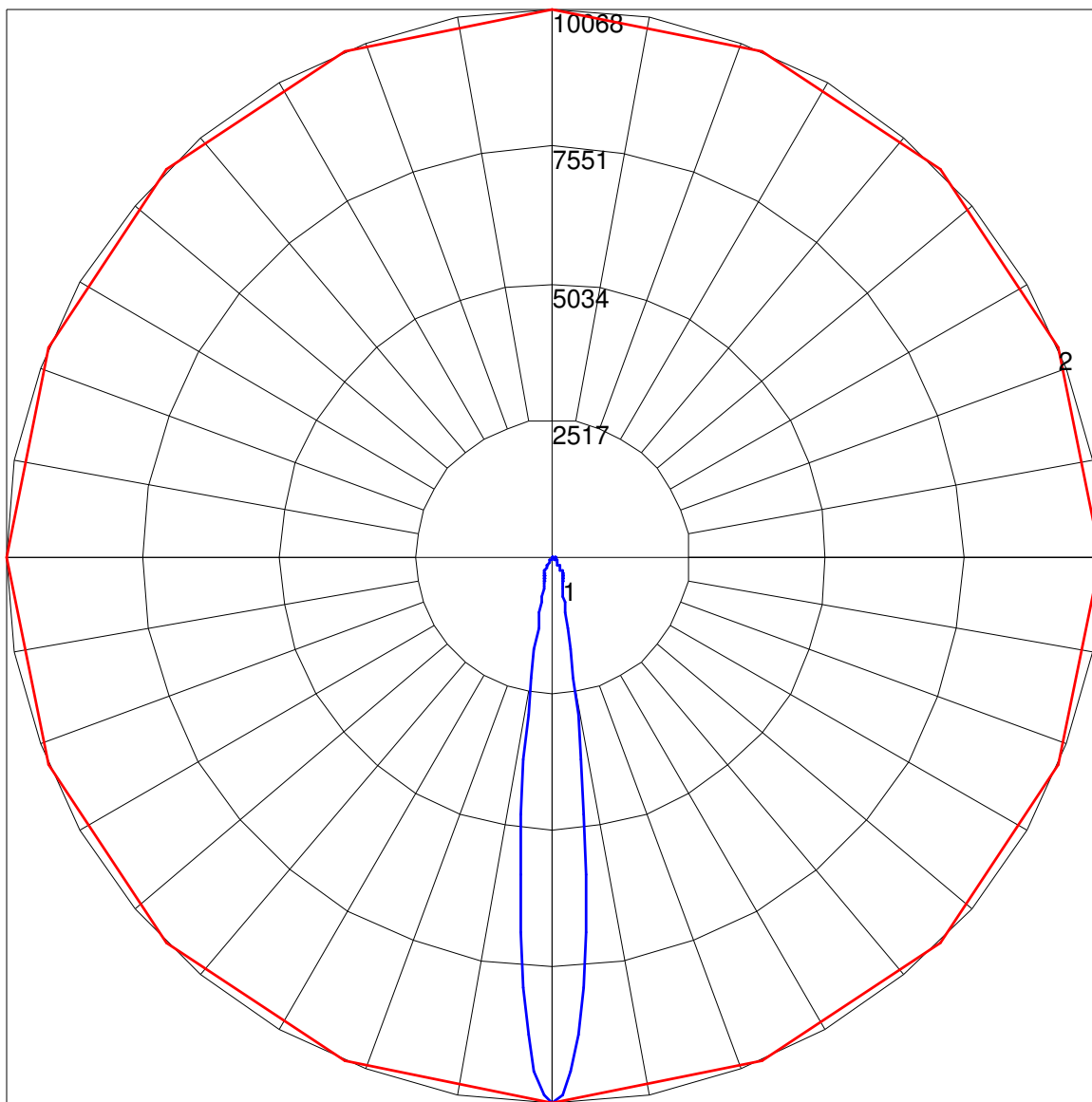
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	507.2	50.0
Downward House Side	507.2	50.0
Downward Total	1014.4	100.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	1014.4	100.0

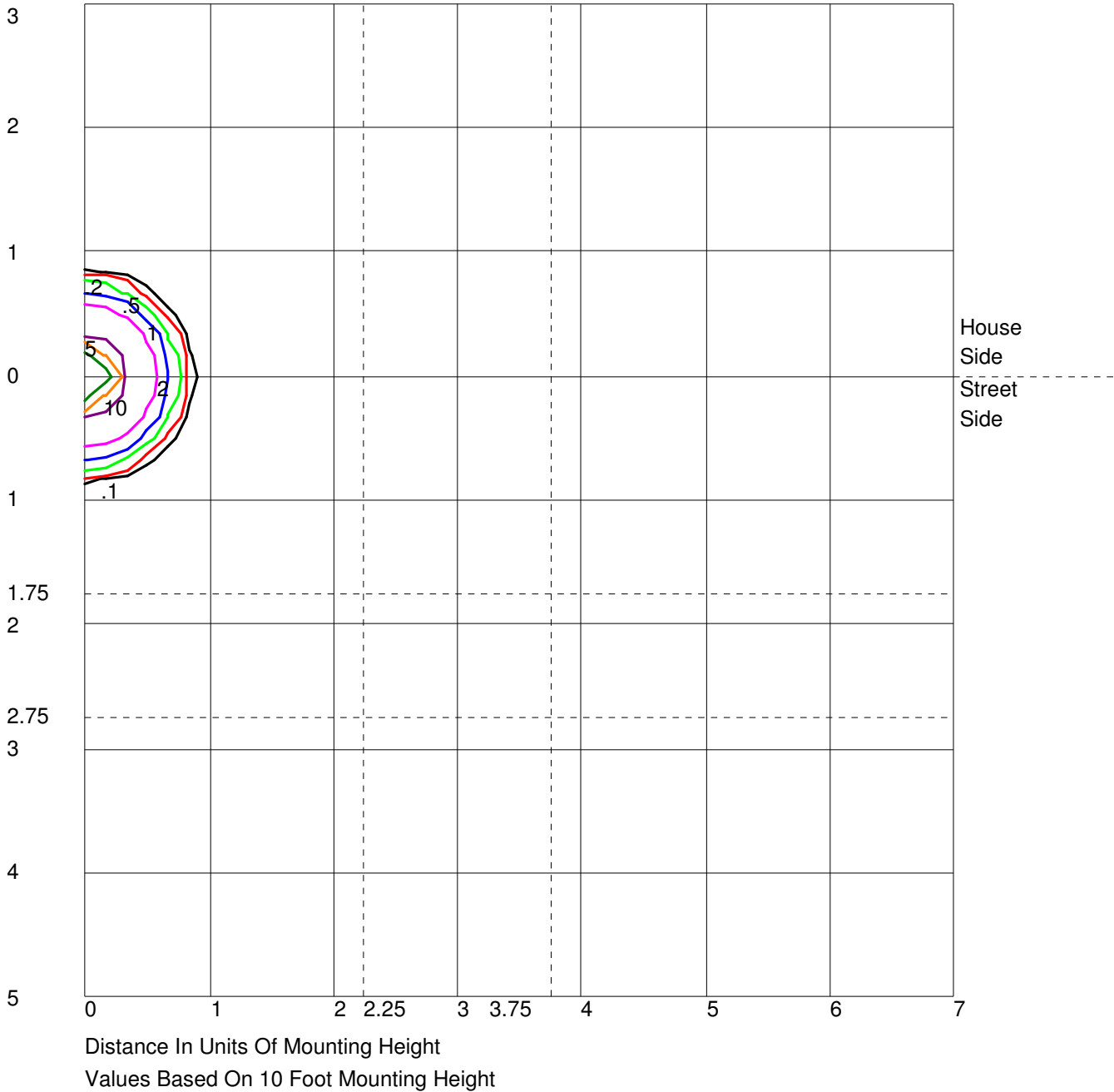
POLAR GRAPH



Maximum Candela = 10068.048 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



# PHOTO IES R

