

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-S-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-S_(V22)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L50-840U-L50-840D-xxx-DIM-UNV-S-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION

[LAMPCAT] BL VERO 22 COB

[LAMP] LED

[OTHER] Absolute Photometry

[_CONVERT] Photometric web converted from original test data

[_CONVERT] Luminaire test position and photometric web converted from original test data

CHARACTERISTICS

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10335
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	27907.121
Maximum Candela Angle	340H 175V
Maximum Candela (<90 Degrees Vertical)	27907.121
Maximum Candela Angle (<90 Degrees Vertical)	340H 5V
Maximum Candela At 90 Degrees Vertical	.712 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8.464 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2255.7	N.A.	21.8
FM - Front-Medium (30-60)	301.1	N.A.	2.9
FH - Front-High (60-80)	25.3	N.A.	0.2
FVH - Front-Very High (80-90)	1.7	N.A.	0.0
BL - Back-Low (0-30)	2255.7	N.A.	21.8
BM - Back-Medium (30-60)	301.1	N.A.	2.9
BH - Back-High (60-80)	25.3	N.A.	0.2
BVH - Back-Very High (80-90)	1.7	N.A.	0.0
UL - Uplight-Low (90-100)	3.4	N.A.	0.0
UH - Uplight-High (100-180)	5164.1	N.A.	50.0
Total	10335.1	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076
5	27830.188	27849.414	27868.655	27887.880	27907.121	27878.203	27801.157	27724.110	27647.064	27570.018
10	11965.103	11986.173	12007.243	12028.329	12049.399	12079.709	12119.276	12158.843	12198.410	12237.977
15	4289.858	4289.292	4288.741	4288.175	4287.609	4303.824	4336.804	4369.769	4402.749	4435.729
20	2344.641	2349.269	2353.897	2358.542	2363.170	2369.449	2377.394	2385.340	2393.270	2401.216
25	1937.450	1937.822	1938.194	1938.566	1938.939	1939.003	1938.793	1938.583	1938.356	1938.146
30	1568.402	1565.278	1562.171	1559.048	1555.925	1549.921	1541.037	1532.136	1523.252	1514.351
35	696.976	698.254	699.533	700.811	702.089	703.675	705.585	707.495	709.404	711.314
40	137.084	139.576	142.052	144.544	147.020	150.937	156.277	161.634	166.974	172.314
45	68.663	68.858	69.036	69.230	69.408	69.618	69.861	70.104	70.330	70.573
50	64.359	64.375	64.407	64.424	64.440	64.391	64.262	64.148	64.019	63.890
55	63.210	63.113	63.016	62.935	62.838	62.644	62.336	62.045	61.737	61.446
60	51.186	51.154	51.138	51.105	51.089	50.911	50.587	50.280	49.956	49.633
65	34.388	34.324	34.275	34.210	34.162	34.097	34.016	33.935	33.871	33.790
70	22.381	22.397	22.397	22.413	22.429	22.429	22.429	22.413	22.413	22.413
75	14.888	14.888	14.888	14.904	14.904	14.904	14.904	14.904	14.904	14.904
80	8.253	8.253	8.253	8.253	8.253	8.269	8.286	8.302	8.334	8.350
85	1.683	1.683	1.683	1.699	1.699	1.699	1.699	1.715	1.715	1.715
90	0.550	0.550	0.583	0.583	0.615	0.615	0.615	0.647	0.647	0.647
95	1.683	1.683	1.683	1.699	1.699	1.699	1.699	1.715	1.715	1.715
100	8.253	8.253	8.253	8.253	8.253	8.269	8.286	8.302	8.334	8.350
105	14.888	14.888	14.888	14.904	14.904	14.904	14.904	14.904	14.904	14.904
110	22.381	22.397	22.397	22.413	22.429	22.429	22.429	22.413	22.413	22.413
115	34.388	34.324	34.275	34.210	34.162	34.097	34.016	33.935	33.871	33.790
120	51.186	51.154	51.138	51.105	51.089	50.911	50.587	50.280	49.956	49.633
125	63.210	63.113	63.016	62.935	62.838	62.644	62.336	62.045	61.737	61.446
130	64.359	64.375	64.407	64.424	64.440	64.391	64.262	64.148	64.019	63.890
135	68.663	68.858	69.036	69.230	69.408	69.618	69.861	70.104	70.330	70.573
140	137.084	139.576	142.052	144.544	147.020	150.937	156.277	161.634	166.974	172.314
145	696.976	698.254	699.533	700.811	702.089	703.675	705.585	707.495	709.404	711.314
150	1568.402	1565.278	1562.171	1559.048	1555.925	1549.921	1541.037	1532.136	1523.252	1514.351
155	1937.450	1937.822	1938.194	1938.566	1938.939	1939.003	1938.793	1938.583	1938.356	1938.146
160	2344.641	2349.269	2353.897	2358.542	2363.170	2369.449	2377.394	2385.340	2393.270	2401.216
165	4289.858	4289.292	4288.741	4288.175	4287.609	4303.824	4336.804	4369.769	4402.749	4435.729
170	11965.103	11986.173	12007.243	12028.329	12049.399	12079.709	12119.276	12158.843	12198.410	12237.977
175	27830.188	27849.430	27868.655	27887.896	27907.121	27878.219	27801.173	27724.127	27647.080	27570.018
180	26785.720	26785.720	26785.720	26785.720	26785.720	26785.720	26785.720	26785.720	26785.720	26785.720

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076
5	27517.715	27465.413	27413.110	27360.807	27278.599	27166.485	27054.370	26942.256	26830.142	26942.256
10	12279.113	12320.266	12361.403	12402.555	12410.663	12385.725	12360.804	12335.866	12310.945	12335.866
15	4457.948	4480.151	4502.370	4524.589	4533.538	4529.250	4524.961	4520.673	4516.384	4520.673
20	2409.598	2417.965	2426.347	2434.714	2435.572	2428.888	2422.221	2415.537	2408.870	2415.537
25	1938.955	1939.764	1940.557	1941.366	1939.327	1934.456	1929.585	1924.714	1919.843	1924.714
30	1510.257	1506.147	1502.052	1497.958	1493.686	1489.252	1484.834	1480.400	1475.966	1480.400
35	716.573	721.816	727.076	732.335	735.232	735.766	736.300	736.850	737.384	736.850
40	176.473	180.632	184.791	188.950	191.491	192.429	193.368	194.307	195.245	194.307
45	70.945	71.301	71.673	72.046	72.143	71.981	71.803	71.641	71.479	71.641
50	63.954	64.035	64.100	64.181	64.132	63.954	63.776	63.614	63.436	63.614
55	61.381	61.300	61.236	61.155	61.025	60.815	60.621	60.410	60.216	60.410

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CANDELA TABULATION - (Cont.)

60	49.552	49.455	49.374	49.293	49.212	49.163	49.099	49.050	48.985	49.050
65	33.741	33.693	33.644	33.595	33.498	33.320	33.158	32.980	32.819	32.980
70	22.397	22.381	22.365	22.348	22.284	22.187	22.089	21.992	21.895	21.992
75	14.904	14.904	14.921	14.921	14.888	14.823	14.759	14.694	14.629	14.694
80	8.383	8.399	8.447	8.464	8.464	8.431	8.415	8.366	8.350	8.366
85	1.715	1.715	1.715	1.715	1.715	1.699	1.699	1.683	1.683	1.683
90	0.647	0.680	0.680	0.712	0.712	0.680	0.680	0.647	0.647	0.647
95	1.715	1.715	1.715	1.715	1.715	1.699	1.699	1.683	1.683	1.683
100	8.383	8.399	8.447	8.464	8.464	8.431	8.415	8.366	8.350	8.366
105	14.904	14.904	14.921	14.921	14.888	14.823	14.759	14.694	14.629	14.694
110	22.397	22.381	22.365	22.348	22.284	22.187	22.089	21.992	21.895	21.992
115	33.741	33.693	33.644	33.595	33.498	33.320	33.158	32.980	32.819	32.980
120	49.552	49.455	49.374	49.293	49.212	49.163	49.099	49.050	48.985	49.050
125	61.381	61.300	61.236	61.155	61.025	60.815	60.621	60.410	60.216	60.410
130	63.954	64.035	64.100	64.181	64.132	63.954	63.776	63.614	63.436	63.614
135	70.945	71.301	71.673	72.046	72.143	71.981	71.803	71.641	71.479	71.641
140	176.473	180.632	184.791	188.950	191.491	192.429	193.368	194.307	195.245	194.307
145	716.573	721.816	727.076	732.335	735.232	735.766	736.300	736.850	737.384	736.850
150	1510.257	1506.147	1502.052	1497.958	1493.686	1489.252	1484.834	1480.400	1475.966	1480.400
155	1938.955	1939.764	1940.557	1941.366	1939.327	1934.456	1929.585	1924.714	1919.843	1924.714
160	2409.598	2417.965	2426.347	2434.714	2435.572	2428.888	2422.221	2415.537	2408.870	2415.537
165	4457.948	4480.151	4502.370	4524.589	4533.538	4529.250	4524.961	4520.673	4516.384	4520.673
170	12279.1131	12320.2661	12361.4031	12402.5551	12410.6631	12385.7251	12360.8041	12335.8661	12310.9451	12335.866
175	27517.7152	27465.4132	27413.1102	27360.8072	27278.5992	27166.4852	27054.3702	26942.2562	26830.1422	26942.256
180	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076	26786.076
5	27054.370	27166.485	27278.599	27360.807	27413.110	27465.413	27517.715	27570.018	27647.064	27724.110
10	12360.804	12385.725	12410.663	12402.555	12361.403	12320.266	12279.113	12237.977	12198.410	12158.843
15	4524.961	4529.250	4533.538	4524.589	4502.370	4480.151	4457.948	4435.729	4402.749	4369.769
20	2422.221	2428.888	2435.572	2434.714	2426.347	2417.965	2409.598	2401.216	2393.270	2385.340
25	1929.585	1934.456	1939.327	1941.366	1940.557	1939.764	1938.955	1938.146	1938.356	1938.583
30	1484.834	1489.252	1493.686	1497.958	1502.052	1506.147	1510.257	1514.351	1523.252	1532.136
35	736.300	735.766	735.232	732.335	727.076	721.816	716.573	711.314	709.404	707.495
40	193.368	192.429	191.491	188.950	184.791	180.632	176.473	172.314	166.974	161.634
45	71.803	71.981	72.143	72.046	71.673	71.301	70.945	70.573	70.330	70.104
50	63.776	63.954	64.132	64.181	64.100	64.035	63.954	63.890	64.019	64.148
55	60.621	60.815	61.025	61.155	61.236	61.300	61.381	61.446	61.737	62.045
60	49.099	49.163	49.212	49.293	49.374	49.455	49.552	49.633	49.956	50.280
65	33.158	33.320	33.498	33.595	33.644	33.693	33.741	33.790	33.871	33.935
70	22.089	22.187	22.284	22.348	22.365	22.381	22.397	22.413	22.413	22.413
75	14.759	14.823	14.888	14.921	14.921	14.904	14.904	14.904	14.904	14.904
80	8.415	8.431	8.464	8.464	8.447	8.399	8.383	8.350	8.334	8.302
85	1.699	1.699	1.715	1.715	1.715	1.715	1.715	1.715	1.715	1.715
90	0.680	0.680	0.712	0.712	0.680	0.680	0.647	0.647	0.647	0.647
95	1.699	1.699	1.715	1.715	1.715	1.715	1.715	1.715	1.715	1.715
100	8.415	8.431	8.464	8.464	8.447	8.399	8.383	8.350	8.334	8.302
105	14.759	14.823	14.888	14.921	14.921	14.904	14.904	14.904	14.904	14.904
110	22.089	22.187	22.284	22.348	22.365	22.381	22.397	22.413	22.413	22.413
115	33.158	33.320	33.498	33.595	33.644	33.693	33.741	33.790	33.871	33.935
120	49.099	49.163	49.212	49.293	49.374	49.455	49.552	49.633	49.956	50.280
125	60.621	60.815	61.025	61.155	61.236	61.300	61.381	61.446	61.737	62.045
130	63.776	63.954	64.132	64.181	64.100	64.035	63.954	63.890	64.019	64.148

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CANDELA TABULATION - (Cont.)

135	71.803	71.981	72.143	72.046	71.673	71.301	70.945	70.573	70.330	70.104
140	193.368	192.429	191.491	188.950	184.791	180.632	176.473	172.314	166.974	161.634
145	736.300	735.766	735.232	732.335	727.076	721.816	716.573	711.314	709.404	707.495
150	1484.834	1489.252	1493.686	1497.958	1502.052	1506.147	1510.257	1514.351	1523.252	1532.136
155	1929.585	1934.456	1939.327	1941.366	1940.557	1939.764	1938.955	1938.146	1938.356	1938.583
160	2422.221	2428.888	2435.572	2434.714	2426.347	2417.965	2409.598	2401.216	2393.270	2385.340
165	4524.961	4529.250	4533.538	4524.589	4502.370	4480.151	4457.948	4435.729	4402.749	4369.769
170	12360.8041	12385.7251	12410.6631	12402.5551	12361.4031	12320.2661	12279.1131	12237.9771	12198.4101	12158.843
175	27054.3702	27166.4852	27278.5992	27360.8072	27413.1102	27465.4132	27517.7152	27570.0182	27647.0802	27724.127
180	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202

Vert. Angles

Horizontal Angles

	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>	<u>185</u>	<u>190</u>	<u>195</u>
0	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762
5	27801.1572	27878.2032	27907.1212	27887.8802	27868.6552	27849.4142	27830.1882	27849.4142	27868.6552	27887.8802
10	12119.2761	12079.7091	12049.3991	12028.3291	12007.2431	11986.1731	11965.1031	11986.1731	12007.2431	12028.3291
15	4336.804	4303.824	4287.609	4288.175	4288.741	4289.292	4289.858	4289.292	4288.741	4288.175
20	2377.394	2369.449	2363.170	2358.542	2353.897	2349.269	2344.641	2349.269	2353.897	2358.542
25	1938.793	1939.003	1938.939	1938.566	1938.194	1937.822	1937.450	1937.822	1938.194	1938.566
30	1541.037	1549.921	1555.925	1559.048	1562.171	1565.278	1568.402	1565.278	1562.171	1559.048
35	705.585	703.675	702.089	700.811	699.533	698.254	696.976	698.254	699.533	700.811
40	156.277	150.937	147.020	144.544	142.052	139.576	137.084	139.576	142.052	144.544
45	69.861	69.618	69.408	69.230	69.036	68.858	68.663	68.858	69.036	69.230
50	64.262	64.391	64.440	64.424	64.407	64.375	64.359	64.375	64.407	64.424
55	62.336	62.644	62.838	62.935	63.016	63.113	63.210	63.113	63.016	62.935
60	50.587	50.911	51.089	51.105	51.138	51.154	51.186	51.154	51.138	51.105
65	34.016	34.097	34.162	34.210	34.275	34.324	34.388	34.324	34.275	34.210
70	22.429	22.429	22.429	22.413	22.397	22.397	22.381	22.397	22.397	22.413
75	14.904	14.904	14.904	14.904	14.888	14.888	14.888	14.888	14.888	14.904
80	8.286	8.269	8.253	8.253	8.253	8.253	8.253	8.253	8.253	8.253
85	1.699	1.699	1.699	1.699	1.683	1.683	1.683	1.683	1.683	1.699
90	0.615	0.615	0.615	0.583	0.583	0.550	0.550	0.550	0.583	0.583
95	1.699	1.699	1.699	1.699	1.683	1.683	1.683	1.683	1.683	1.699
100	8.286	8.269	8.253	8.253	8.253	8.253	8.253	8.253	8.253	8.253
105	14.904	14.904	14.904	14.904	14.888	14.888	14.888	14.888	14.888	14.904
110	22.429	22.429	22.429	22.413	22.397	22.397	22.381	22.397	22.397	22.413
115	34.016	34.097	34.162	34.210	34.275	34.324	34.388	34.324	34.275	34.210
120	50.587	50.911	51.089	51.105	51.138	51.154	51.186	51.154	51.138	51.105
125	62.336	62.644	62.838	62.935	63.016	63.113	63.210	63.113	63.016	62.935
130	64.262	64.391	64.440	64.424	64.407	64.375	64.359	64.375	64.407	64.424
135	69.861	69.618	69.408	69.230	69.036	68.858	68.663	68.858	69.036	69.230
140	156.277	150.937	147.020	144.544	142.052	139.576	137.084	139.576	142.052	144.544
145	705.585	703.675	702.089	700.811	699.533	698.254	696.976	698.254	699.533	700.811
150	1541.037	1549.921	1555.925	1559.048	1562.171	1565.278	1568.402	1565.278	1562.171	1559.048
155	1938.793	1939.003	1938.939	1938.566	1938.194	1937.822	1937.450	1937.822	1938.194	1938.566
160	2377.394	2369.449	2363.170	2358.542	2353.897	2349.269	2344.641	2349.269	2353.897	2358.542
165	4336.804	4303.824	4287.609	4288.175	4288.741	4289.292	4289.858	4289.292	4288.741	4288.175
170	12119.2761	12079.7091	12049.3991	12028.3291	12007.2431	11986.1731	11965.1031	11986.1731	12007.2431	12028.3291
175	27801.1732	27878.2192	27907.1212	27887.8962	27868.6552	27849.4302	27830.1882	27849.4302	27868.6552	27887.8962
180	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202

Vert. Angles

Horizontal Angles

	<u>200</u>	<u>205</u>	<u>210</u>	<u>215</u>	<u>220</u>	<u>225</u>	<u>230</u>	<u>235</u>	<u>240</u>	<u>245</u>
0	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	27907.12127878.20327801.15727724.11027647.06427570.01827517.71527465.41327413.11027360.807
10	12049.39912079.70912119.27612158.84312198.41012237.97712279.11312320.26612361.40312402.555
15	4287.609 4303.824 4336.804 4369.769 4402.749 4435.729 4457.948 4480.151 4502.370 4524.589
20	2363.170 2369.449 2377.394 2385.340 2393.270 2401.216 2409.598 2417.965 2426.347 2434.714
25	1938.939 1939.003 1938.793 1938.583 1938.356 1938.146 1938.955 1939.764 1940.557 1941.366
30	1555.925 1549.921 1541.037 1532.136 1523.252 1514.351 1510.257 1506.147 1502.052 1497.958
35	702.089 703.675 705.585 707.495 709.404 711.314 716.573 721.816 727.076 732.335
40	147.020 150.937 156.277 161.634 166.974 172.314 176.473 180.632 184.791 188.950
45	69.408 69.618 69.861 70.104 70.330 70.573 70.945 71.301 71.673 72.046
50	64.440 64.391 64.262 64.148 64.019 63.890 63.954 64.035 64.100 64.181
55	62.838 62.644 62.336 62.045 61.737 61.446 61.381 61.300 61.236 61.155
60	51.089 50.911 50.587 50.280 49.956 49.633 49.552 49.455 49.374 49.293
65	34.162 34.097 34.016 33.935 33.871 33.790 33.741 33.693 33.644 33.595
70	22.429 22.429 22.429 22.413 22.413 22.413 22.397 22.381 22.365 22.348
75	14.904 14.904 14.904 14.904 14.904 14.904 14.904 14.904 14.921 14.921
80	8.253 8.269 8.286 8.302 8.334 8.350 8.383 8.399 8.447 8.464
85	1.699 1.699 1.699 1.715 1.715 1.715 1.715 1.715 1.715 1.715
90	0.615 0.615 0.615 0.647 0.647 0.647 0.647 0.680 0.680 0.712
95	1.699 1.699 1.699 1.715 1.715 1.715 1.715 1.715 1.715 1.715
100	8.253 8.269 8.286 8.302 8.334 8.350 8.383 8.399 8.447 8.464
105	14.904 14.904 14.904 14.904 14.904 14.904 14.904 14.904 14.921 14.921
110	22.429 22.429 22.429 22.413 22.413 22.413 22.397 22.381 22.365 22.348
115	34.162 34.097 34.016 33.935 33.871 33.790 33.741 33.693 33.644 33.595
120	51.089 50.911 50.587 50.280 49.956 49.633 49.552 49.455 49.374 49.293
125	62.838 62.644 62.336 62.045 61.737 61.446 61.381 61.300 61.236 61.155
130	64.440 64.391 64.262 64.148 64.019 63.890 63.954 64.035 64.100 64.181
135	69.408 69.618 69.861 70.104 70.330 70.573 70.945 71.301 71.673 72.046
140	147.020 150.937 156.277 161.634 166.974 172.314 176.473 180.632 184.791 188.950
145	702.089 703.675 705.585 707.495 709.404 711.314 716.573 721.816 727.076 732.335
150	1555.925 1549.921 1541.037 1532.136 1523.252 1514.351 1510.257 1506.147 1502.052 1497.958
155	1938.939 1939.003 1938.793 1938.583 1938.356 1938.146 1938.955 1939.764 1940.557 1941.366
160	2363.170 2369.449 2377.394 2385.340 2393.270 2401.216 2409.598 2417.965 2426.347 2434.714
165	4287.609 4303.824 4336.804 4369.769 4402.749 4435.729 4457.948 4480.151 4502.370 4524.589
170	12049.39912079.70912119.27612158.84312198.41012237.97712279.11312320.26612361.40312402.555
175	27907.12127878.21927801.17327724.12727647.08027570.01827517.71527465.41327413.11027360.807
180	26785.72026785.72026785.72026785.72026785.72026785.72026785.72026785.72026785.720

Vert. Horizontal Angles

	<u>250</u>	<u>255</u>	<u>260</u>	<u>265</u>	<u>270</u>	<u>275</u>	<u>280</u>	<u>285</u>	<u>290</u>	<u>295</u>
0	26786.07626786.07626786.07626786.07626786.07626786.07626786.07626786.07626786.076									
5	27278.59927166.48527054.37026942.25626830.14226942.25627054.37027166.48527278.59927360.807									
10	12410.66312385.72512360.80412335.86612310.94512335.86612360.80412385.72512410.66312402.555									
15	4533.538	4529.250	4524.961	4520.673	4516.384	4520.673	4524.961	4529.250	4533.538	4524.589
20	2435.572	2428.888	2422.221	2415.537	2408.870	2415.537	2422.221	2428.888	2435.572	2434.714
25	1939.327	1934.456	1929.585	1924.714	1919.843	1924.714	1929.585	1934.456	1939.327	1941.366
30	1493.686	1489.252	1484.834	1480.400	1475.966	1480.400	1484.834	1489.252	1493.686	1497.958
35	735.232	735.766	736.300	736.850	737.384	736.850	736.300	735.766	735.232	732.335
40	191.491	192.429	193.368	194.307	195.245	194.307	193.368	192.429	191.491	188.950
45	72.143	71.981	71.803	71.641	71.479	71.641	71.803	71.981	72.143	72.046
50	64.132	63.954	63.776	63.614	63.436	63.614	63.776	63.954	64.132	64.181
55	61.025	60.815	60.621	60.410	60.216	60.410	60.621	60.815	61.025	61.155
60	49.212	49.163	49.099	49.050	48.985	49.050	49.099	49.163	49.212	49.293
65	33.498	33.320	33.158	32.980	32.819	32.980	33.158	33.320	33.498	33.595
70	22.284	22.187	22.089	21.992	21.895	21.992	22.089	22.187	22.284	22.348
75	14.888	14.823	14.759	14.694	14.629	14.694	14.759	14.823	14.888	14.921

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	8.464	8.431	8.415	8.366	8.350	8.366	8.415	8.431	8.464	8.464
85	1.715	1.699	1.699	1.683	1.683	1.683	1.699	1.699	1.715	1.715
90	0.712	0.680	0.680	0.647	0.647	0.647	0.680	0.680	0.712	0.712
95	1.715	1.699	1.699	1.683	1.683	1.683	1.699	1.699	1.715	1.715
100	8.464	8.431	8.415	8.366	8.350	8.366	8.415	8.431	8.464	8.464
105	14.888	14.823	14.759	14.694	14.629	14.694	14.759	14.823	14.888	14.921
110	22.284	22.187	22.089	21.992	21.895	21.992	22.089	22.187	22.284	22.348
115	33.498	33.320	33.158	32.980	32.819	32.980	33.158	33.320	33.498	33.595
120	49.212	49.163	49.099	49.050	48.985	49.050	49.099	49.163	49.212	49.293
125	61.025	60.815	60.621	60.410	60.216	60.410	60.621	60.815	61.025	61.155
130	64.132	63.954	63.776	63.614	63.436	63.614	63.776	63.954	64.132	64.181
135	72.143	71.981	71.803	71.641	71.479	71.641	71.803	71.981	72.143	72.046
140	191.491	192.429	193.368	194.307	195.245	194.307	193.368	192.429	191.491	188.950
145	735.232	735.766	736.300	736.850	737.384	736.850	736.300	735.766	735.232	732.335
150	1493.686	1489.252	1484.834	1480.400	1475.966	1480.400	1484.834	1489.252	1493.686	1497.958
155	1939.327	1934.456	1929.585	1924.714	1919.843	1924.714	1929.585	1934.456	1939.327	1941.366
160	2435.572	2428.888	2422.221	2415.537	2408.870	2415.537	2422.221	2428.888	2435.572	2434.714
165	4533.538	4529.250	4524.961	4520.673	4516.384	4520.673	4524.961	4529.250	4533.538	4524.589
170	12410.6631	12385.7251	12360.8041	12335.8661	12310.9451	12335.8661	12360.8041	12385.7251	12410.6631	12402.555
175	27278.5992	27166.4852	27054.3702	26942.2562	26830.1422	26942.2562	27054.3702	27166.4852	27278.5992	27360.807
180	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202

Vert.
Angles

Horizontal Angles

	<u>300</u>	<u>305</u>	<u>310</u>	<u>315</u>	<u>320</u>	<u>325</u>	<u>330</u>	<u>335</u>	<u>340</u>	<u>345</u>
0	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762	26786.0762
5	27413.1102	27465.4132	27517.7152	27570.0182	27647.0642	27724.1102	27801.1572	27878.2032	27907.1212	27887.880
10	12361.4031	12320.2661	12279.1131	12237.9771	12198.4101	12158.8431	12119.2761	12079.7091	12049.3991	12028.329
15	4502.370	4480.151	4457.948	4435.729	4402.749	4369.769	4336.804	4303.824	4287.609	4288.175
20	2426.347	2417.965	2409.598	2401.216	2393.270	2385.340	2377.394	2369.449	2363.170	2358.542
25	1940.557	1939.764	1938.955	1938.146	1938.356	1938.583	1938.793	1939.003	1938.939	1938.566
30	1502.052	1506.147	1510.257	1514.351	1523.252	1532.136	1541.037	1549.921	1555.925	1559.048
35	727.076	721.816	716.573	711.314	709.404	707.495	705.585	703.675	702.089	700.811
40	184.791	180.632	176.473	172.314	166.974	161.634	156.277	150.937	147.020	144.544
45	71.673	71.301	70.945	70.573	70.330	70.104	69.861	69.618	69.408	69.230
50	64.100	64.035	63.954	63.890	64.019	64.148	64.262	64.391	64.440	64.424
55	61.236	61.300	61.381	61.446	61.737	62.045	62.336	62.644	62.838	62.935
60	49.374	49.455	49.552	49.633	49.956	50.280	50.587	50.911	51.089	51.105
65	33.644	33.693	33.741	33.790	33.871	33.935	34.016	34.097	34.162	34.210
70	22.365	22.381	22.397	22.413	22.413	22.413	22.429	22.429	22.429	22.413
75	14.921	14.904	14.904	14.904	14.904	14.904	14.904	14.904	14.904	14.904
80	8.447	8.399	8.383	8.350	8.334	8.302	8.286	8.269	8.253	8.253
85	1.715	1.715	1.715	1.715	1.715	1.715	1.699	1.699	1.699	1.699
90	0.680	0.680	0.647	0.647	0.647	0.647	0.615	0.615	0.615	0.583
95	1.715	1.715	1.715	1.715	1.715	1.715	1.699	1.699	1.699	1.699
100	8.447	8.399	8.383	8.350	8.334	8.302	8.286	8.269	8.253	8.253
105	14.921	14.904	14.904	14.904	14.904	14.904	14.904	14.904	14.904	14.904
110	22.365	22.381	22.397	22.413	22.413	22.413	22.429	22.429	22.429	22.413
115	33.644	33.693	33.741	33.790	33.871	33.935	34.016	34.097	34.162	34.210
120	49.374	49.455	49.552	49.633	49.956	50.280	50.587	50.911	51.089	51.105
125	61.236	61.300	61.381	61.446	61.737	62.045	62.336	62.644	62.838	62.935
130	64.100	64.035	63.954	63.890	64.019	64.148	64.262	64.391	64.440	64.424
135	71.673	71.301	70.945	70.573	70.330	70.104	69.861	69.618	69.408	69.230
140	184.791	180.632	176.473	172.314	166.974	161.634	156.277	150.937	147.020	144.544
145	727.076	721.816	716.573	711.314	709.404	707.495	705.585	703.675	702.089	700.811
150	1502.052	1506.147	1510.257	1514.351	1523.252	1532.136	1541.037	1549.921	1555.925	1559.048

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-S-XX_.IES

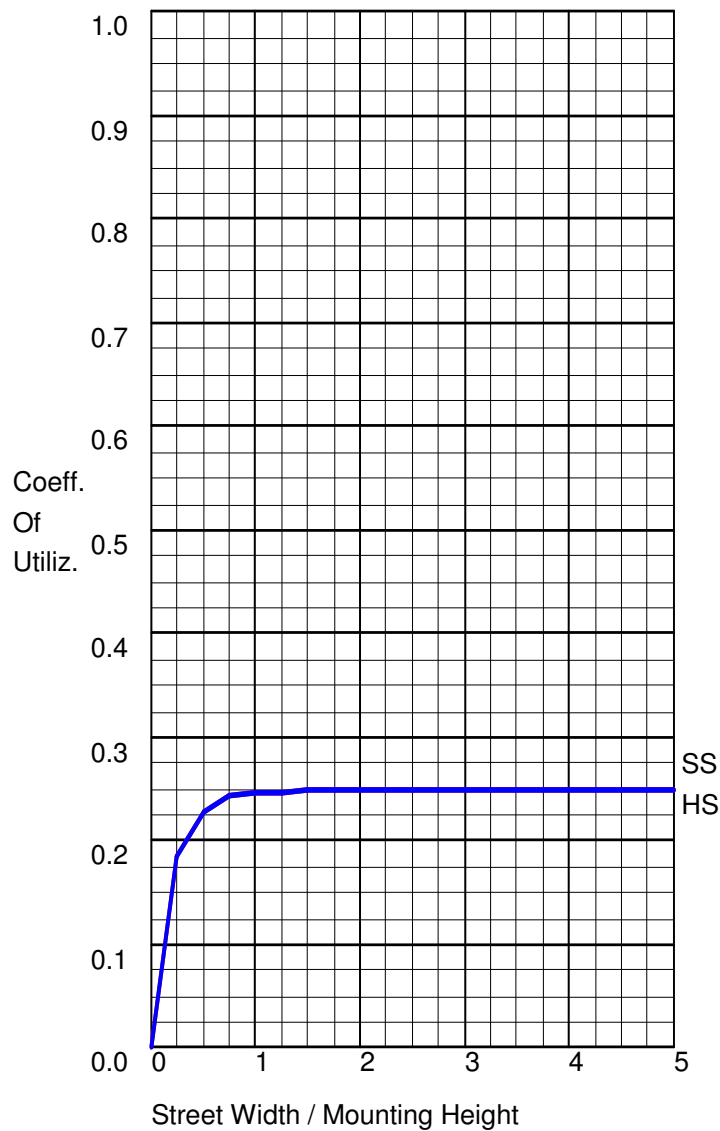
CANDELA TABULATION - (Cont.)

155	1940.557	1939.764	1938.955	1938.146	1938.356	1938.583	1938.793	1939.003	1938.939	1938.566
160	2426.347	2417.965	2409.598	2401.216	2393.270	2385.340	2377.394	2369.449	2363.170	2358.542
165	4502.370	4480.151	4457.948	4435.729	4402.749	4369.769	4336.804	4303.824	4287.609	4288.175
170	12361.4031	12320.2661	12279.1131	12237.9771	12198.4101	12158.8431	12119.2761	12079.7091	12049.3991	12028.329
175	27413.1102	27465.4132	27517.7152	27570.0182	27647.0802	27724.1272	27801.1732	27878.2192	27907.1212	27887.896
180	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.7202	26785.720

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	26786.076	26786.076	26786.076
5	27868.655	27849.414	27830.188
10	12007.243	11986.173	11965.103
15	4288.741	4289.292	4289.858
20	2353.897	2349.269	2344.641
25	1938.194	1937.822	1937.450
30	1562.171	1565.278	1568.402
35	699.533	698.254	696.976
40	142.052	139.576	137.084
45	69.036	68.858	68.663
50	64.407	64.375	64.359
55	63.016	63.113	63.210
60	51.138	51.154	51.186
65	34.275	34.324	34.388
70	22.397	22.397	22.381
75	14.888	14.888	14.888
80	8.253	8.253	8.253
85	1.683	1.683	1.683
90	0.583	0.550	0.550
95	1.683	1.683	1.683
100	8.253	8.253	8.253
105	14.888	14.888	14.888
110	22.397	22.397	22.381
115	34.275	34.324	34.388
120	51.138	51.154	51.186
125	63.016	63.113	63.210
130	64.407	64.375	64.359
135	69.036	68.858	68.663
140	142.052	139.576	137.084
145	699.533	698.254	696.976
150	1562.171	1565.278	1568.402
155	1938.194	1937.822	1937.450
160	2353.897	2349.269	2344.641
165	4288.741	4289.292	4289.858
170	12007.243	11986.173	11965.103
175	27868.655	27849.430	27830.188
180	26785.720	26785.720	26785.720

COEFFICIENTS OF UTILIZATION



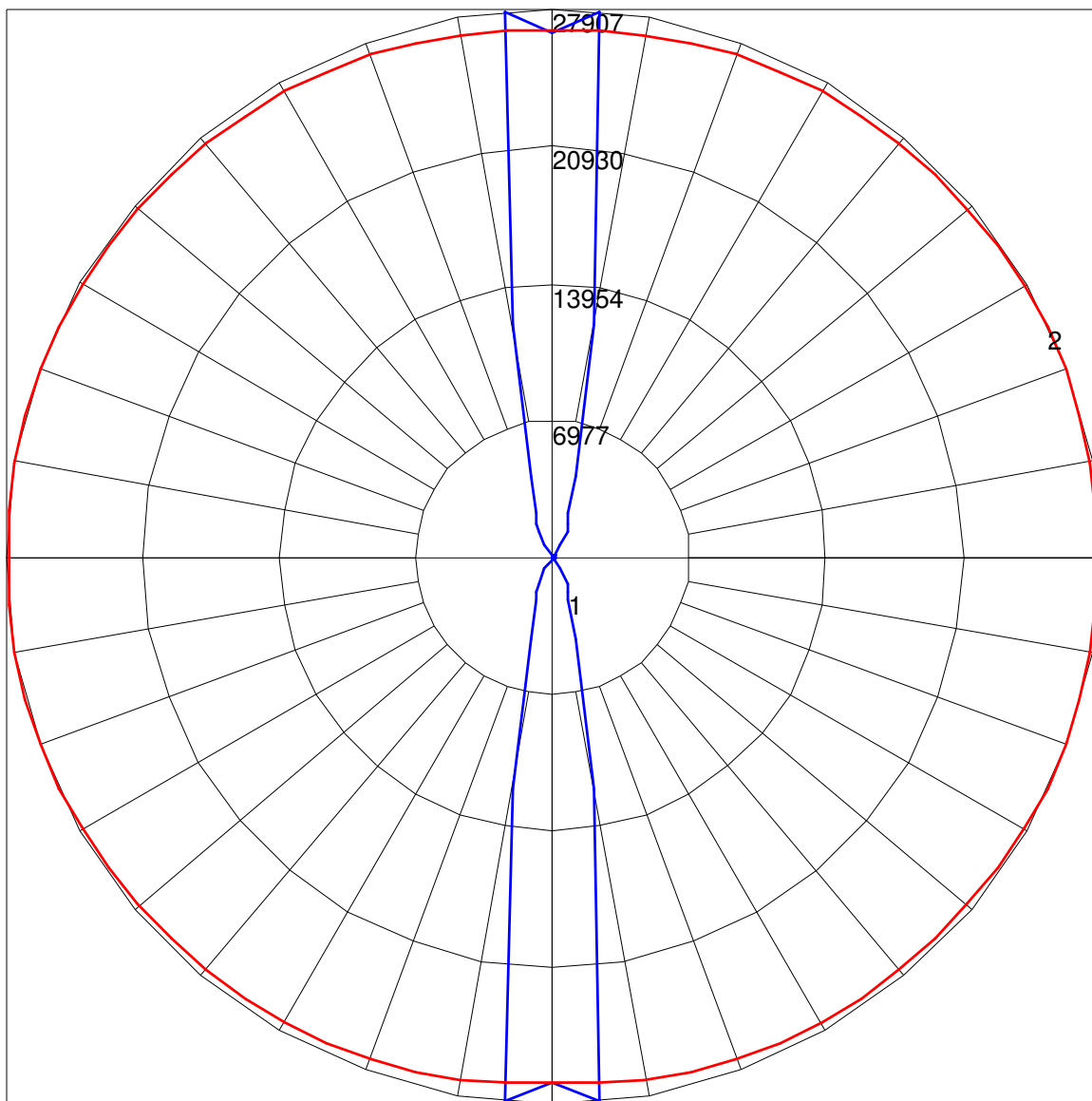
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2583.7	25.0
Downward House Side	2583.7	25.0
Downward Total	5167.4	50.0
Upward Street Side	2583.7	25.0
Upward House Side	2583.7	25.0
Upward Total	5167.4	50.0
Total Flux	10334.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-840U-L50-840D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 27907.121 Located At Horizontal Angle = 340, Vertical Angle = 175

1 - Vertical Plane Through Horizontal Angles (340 - 160) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (175) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

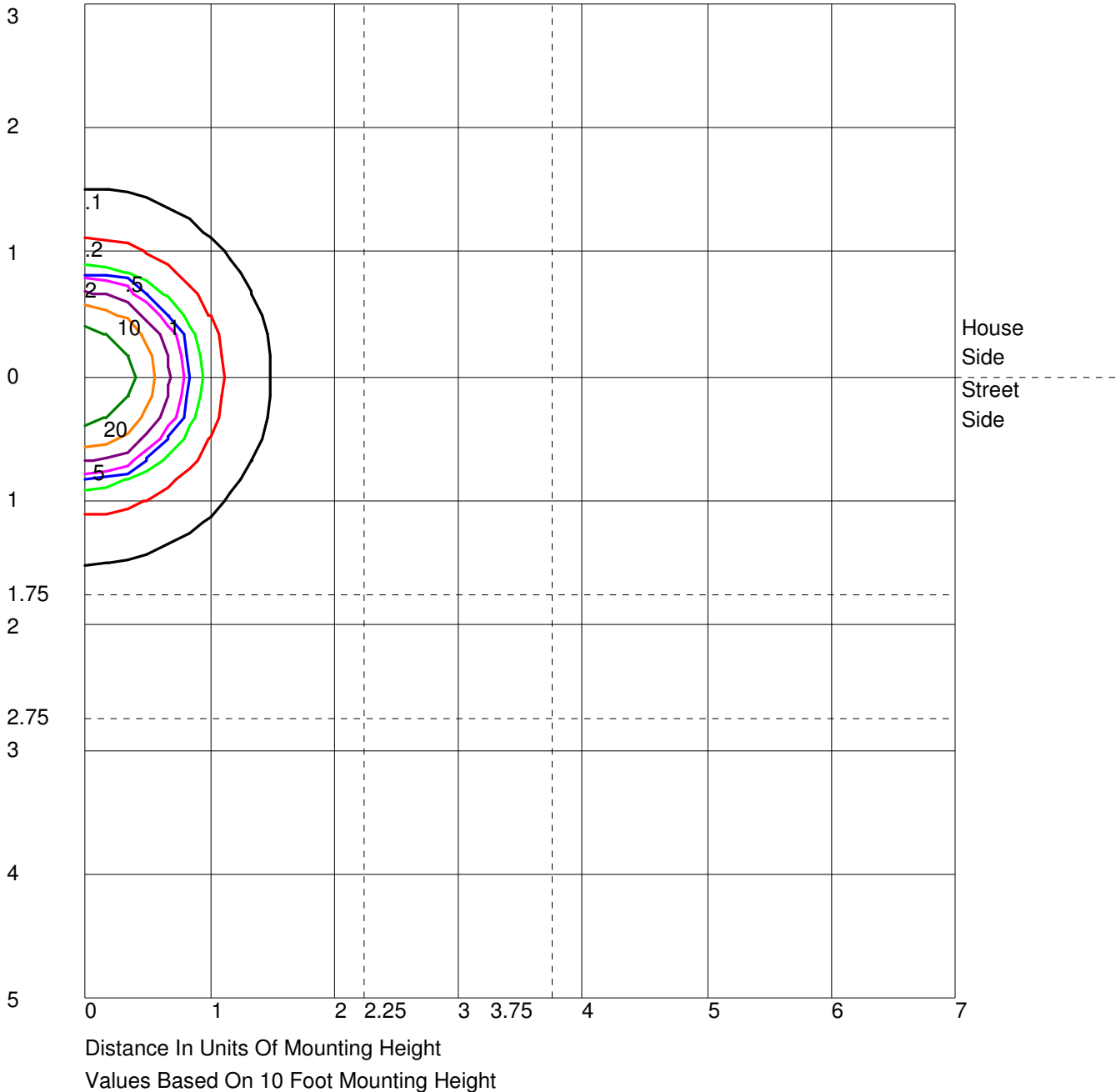


PHOTO LUMENS

