

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-S-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-S_(V18)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L40-935U-L40-935D-xxx-DIM-UNV-S-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION

[LAMPCAT] BL VERO

[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	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7695
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	35571.026
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	35571.026
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.507 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6.066 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1706.9	N.A.	22.2
FM - Front-Medium (30-60)	198.1	N.A.	2.6
FH - Front-High (60-80)	17.5	N.A.	0.2
FVH - Front-Very High (80-90)	1.2	N.A.	0.0
BL - Back-Low (0-30)	1706.9	N.A.	22.2
BM - Back-Medium (30-60)	198.1	N.A.	2.6
BH - Back-High (60-80)	17.5	N.A.	0.2
BVH - Back-Very High (80-90)	1.2	N.A.	0.0
UL - Uplight-Low (90-100)	2.4	N.A.	0.0
UH - Uplight-High (100-180)	3845.0	N.A.	50.0
Total	7694.8	N.A.	100.0
BUG Rating	B3-U5-G0		

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Vert. Angles	Horizontal Angles

Vert. Angles	Horizontal Angles
	

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	35571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.026									
5	24272.05424332.66224393.25824453.86524486.08624489.91924493.75224497.58524501.41924497.585									
10	7672.519 7730.916 7789.313 7847.710 7891.465 7920.554 7949.644 7978.733 8007.822 7978.733									
15	2521.464 2532.446 2543.428 2554.410 2570.100 2590.486 2610.873 2631.271 2651.658 2631.271									
20	1578.199 1583.241 1588.271 1593.302 1597.607 1601.175 1604.732 1608.301 1611.869 1608.301									
25	1384.658 1385.751 1386.845 1387.939 1389.895 1392.704 1395.513 1398.322 1401.131 1398.322									
30	1081.137 1082.116 1083.106 1084.084 1085.719 1088.010 1090.300 1092.591 1094.882 1092.591									
35	452.593 456.161 459.741 463.322 465.255 465.566 465.877 466.176 466.487 466.176									
40	91.838 93.576 95.314 97.052 97.870 97.766 97.674 97.570 97.478 97.570									
45	46.368 46.356 46.333 46.322 46.333 46.379 46.437 46.483 46.529 46.483									
50	41.901 41.844 41.786 41.729 41.694 41.660 41.625 41.602 41.568 41.602									
55	39.507 39.380 39.265 39.139 39.070 39.035 39.012 38.978 38.955 38.978									

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CANDELA TABULATION - (Cont.)

60	32.163	32.105	32.048	31.990	32.013	32.117	32.220	32.324	32.428	32.324
65	23.080	23.057	23.034	23.011	23.023	23.057	23.092	23.138	23.172	23.138
70	16.081	16.070	16.058	16.047	16.047	16.058	16.070	16.081	16.093	16.081
75	10.924	10.913	10.890	10.878	10.867	10.878	10.890	10.890	10.901	10.890
80	6.020	6.032	6.020	6.032	6.032	6.043	6.055	6.055	6.066	6.055
85	1.232	1.232	1.220	1.220	1.220	1.220	1.220	1.220	1.220	1.220
90	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507
95	1.232	1.232	1.220	1.220	1.220	1.220	1.220	1.220	1.220	1.220
100	6.020	6.032	6.020	6.032	6.032	6.043	6.055	6.055	6.066	6.055
105	10.924	10.913	10.890	10.878	10.867	10.878	10.890	10.890	10.901	10.890
110	16.081	16.070	16.058	16.047	16.047	16.058	16.070	16.081	16.093	16.081
115	23.080	23.057	23.034	23.011	23.023	23.057	23.092	23.138	23.172	23.138
120	32.163	32.105	32.048	31.990	32.013	32.117	32.220	32.324	32.428	32.324
125	39.507	39.380	39.265	39.139	39.070	39.035	39.012	38.978	38.955	38.978
130	41.901	41.844	41.786	41.729	41.694	41.660	41.625	41.602	41.568	41.602
135	46.368	46.356	46.333	46.322	46.333	46.379	46.437	46.483	46.529	46.483
140	91.838	93.576	95.314	97.052	97.870	97.766	97.674	97.570	97.478	97.570
145	452.593	456.161	459.741	463.322	465.255	465.566	465.877	466.176	466.487	466.176
150	1081.137	1082.116	1083.106	1084.084	1085.719	1088.010	1090.300	1092.591	1094.882	1092.591
155	1384.658	1385.751	1386.845	1387.939	1389.895	1392.704	1395.513	1398.322	1401.131	1398.322
160	1578.199	1583.241	1588.271	1593.302	1597.607	1601.175	1604.732	1608.301	1611.869	1608.301
165	2521.464	2532.446	2543.428	2554.410	2570.100	2590.486	2610.873	2631.271	2651.658	2631.271
170	7672.519	7730.916	7789.313	7847.710	7891.465	7920.554	7949.644	7978.733	8007.822	7978.733
175	24272.077	24332.685	24393.281	24453.888	24486.097	24489.942	24493.775	24497.608	24501.442	24497.608
180	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026
5	24493.752	24489.919	24486.086	24453.865	24393.258	24332.662	24272.054	24211.459	24191.429	24171.387
10	7949.644	7920.554	7891.465	7847.710	7789.313	7730.916	7672.519	7614.121	7540.092	7466.074
15	2610.873	2590.486	2570.100	2554.410	2543.428	2532.446	2521.464	2510.482	2484.029	2457.564
20	1604.732	1601.175	1597.607	1593.302	1588.271	1583.241	1578.199	1573.168	1567.988	1562.796
25	1395.513	1392.704	1389.895	1387.939	1386.845	1385.751	1384.658	1383.564	1383.334	1383.104
30	1090.300	1088.010	1085.719	1084.084	1083.106	1082.116	1081.137	1080.147	1083.681	1087.215
35	465.877	465.566	465.255	463.322	459.741	456.161	452.593	449.013	449.163	449.312
40	97.674	97.766	97.870	97.052	95.314	93.576	91.838	90.100	88.822	87.544
45	46.437	46.379	46.333	46.322	46.333	46.356	46.368	46.391	46.368	46.356
50	41.625	41.660	41.694	41.729	41.786	41.844	41.901	41.959	42.074	42.189
55	39.012	39.035	39.070	39.139	39.265	39.380	39.507	39.622	39.852	40.071
60	32.220	32.117	32.013	31.990	32.048	32.105	32.163	32.220	32.428	32.635
65	23.092	23.057	23.023	23.011	23.034	23.057	23.080	23.103	23.115	23.126
70	16.070	16.058	16.047	16.047	16.058	16.070	16.081	16.093	16.093	16.081
75	10.890	10.878	10.867	10.878	10.890	10.913	10.924	10.947	10.947	10.947
80	6.055	6.043	6.032	6.032	6.020	6.032	6.020	6.020	6.020	6.020
85	1.220	1.220	1.220	1.220	1.220	1.232	1.232	1.232	1.232	1.232
90	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507
95	1.220	1.220	1.220	1.220	1.220	1.232	1.232	1.232	1.232	1.232
100	6.055	6.043	6.032	6.032	6.020	6.032	6.020	6.020	6.020	6.020
105	10.890	10.878	10.867	10.878	10.890	10.913	10.924	10.947	10.947	10.947
110	16.070	16.058	16.047	16.047	16.058	16.070	16.081	16.093	16.093	16.081
115	23.092	23.057	23.023	23.011	23.034	23.057	23.080	23.103	23.115	23.126
120	32.220	32.117	32.013	31.990	32.048	32.105	32.163	32.220	32.428	32.635
125	39.012	39.035	39.070	39.139	39.265	39.380	39.507	39.622	39.852	40.071
130	41.625	41.660	41.694	41.729	41.786	41.844	41.901	41.959	42.074	42.189

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CANDELA TABULATION - (Cont.)

135	46.437	46.379	46.333	46.322	46.333	46.356	46.368	46.391	46.368	46.356
140	97.674	97.766	97.870	97.052	95.314	93.576	91.838	90.100	88.822	87.544
145	465.877	465.566	465.255	463.322	459.741	456.161	452.593	449.013	449.163	449.312
150	1090.300	1088.010	1085.719	1084.084	1083.106	1082.116	1081.137	1080.147	1083.681	1087.215
155	1395.513	1392.704	1389.895	1387.939	1386.845	1385.751	1384.658	1383.564	1383.334	1383.104
160	1604.732	1601.175	1597.607	1593.302	1588.271	1583.241	1578.199	1573.168	1567.988	1562.796
165	2610.873	2590.486	2570.100	2554.410	2543.428	2532.446	2521.464	2510.482	2484.029	2457.564
170	7949.644	7920.554	7891.465	7847.710	7789.313	7730.916	7672.519	7614.121	7540.092	7466.074
175	24493.77524489.93024486.09724453.88824393.28124332.68524272.07724211.48224191.44024171.410									
180	35570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.163									

Vert. 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	35571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.026									
5	24151.35824131.31624116.61624107.24624097.88724088.51724079.14724088.51724097.88724107.246									
10	7392.044	7318.014	7273.787	7259.352	7244.917	7230.482	7216.046	7230.482	7244.917	7259.352
15	2431.111	2404.647	2389.808	2386.597	2383.374	2380.162	2376.939	2380.162	2383.374	2386.597
20	1557.616	1552.425	1550.214	1550.963	1551.711	1552.459	1553.207	1552.459	1551.711	1550.963
25	1382.862	1382.632	1383.023	1384.048	1385.061	1386.085	1387.098	1386.085	1385.061	1384.048
30	1090.749	1094.283	1096.816	1098.335	1099.866	1101.386	1102.905	1101.386	1099.866	1098.335
35	449.462	449.611	449.174	448.161	447.160	446.147	445.134	446.147	447.160	448.161
40	86.266	84.989	83.929	83.066	82.203	81.339	80.476	81.339	82.203	83.066
45	46.333	46.322	46.299	46.276	46.241	46.218	46.195	46.218	46.241	46.276
50	42.304	42.419	42.512	42.581	42.638	42.707	42.776	42.707	42.638	42.581
55	40.301	40.520	40.716	40.865	41.015	41.165	41.314	41.165	41.015	40.865
60	32.853	33.061	33.199	33.268	33.348	33.418	33.487	33.418	33.348	33.268
65	23.138	23.149	23.184	23.241	23.299	23.357	23.414	23.357	23.299	23.241
70	16.081	16.070	16.070	16.081	16.081	16.093	16.093	16.093	16.081	16.081
75	10.959	10.959	10.970	10.982	10.993	11.016	11.028	11.016	10.993	10.982
80	6.009	6.009	6.009	6.009	6.020	6.020	6.020	6.020	6.020	6.009
85	1.243	1.243	1.243	1.243	1.266	1.266	1.266	1.266	1.266	1.243
90	0.483	0.483	0.483	0.483	0.460	0.460	0.460	0.460	0.460	0.483
95	1.243	1.243	1.243	1.243	1.266	1.266	1.266	1.266	1.266	1.243
100	6.009	6.009	6.009	6.009	6.020	6.020	6.020	6.020	6.020	6.009
105	10.959	10.959	10.970	10.982	10.993	11.016	11.028	11.016	10.993	10.982
110	16.081	16.070	16.070	16.081	16.081	16.093	16.093	16.093	16.081	16.081
115	23.138	23.149	23.184	23.241	23.299	23.357	23.414	23.357	23.299	23.241
120	32.853	33.061	33.199	33.268	33.348	33.418	33.487	33.418	33.348	33.268
125	40.301	40.520	40.716	40.865	41.015	41.165	41.314	41.165	41.015	40.865
130	42.304	42.419	42.512	42.581	42.638	42.707	42.776	42.707	42.638	42.581
135	46.333	46.322	46.299	46.276	46.241	46.218	46.195	46.218	46.241	46.276
140	86.266	84.989	83.929	83.066	82.203	81.339	80.476	81.339	82.203	83.066
145	449.462	449.611	449.174	448.161	447.160	446.147	445.134	446.147	447.160	448.161
150	1090.749	1094.283	1096.816	1098.335	1099.866	1101.386	1102.905	1101.386	1099.866	1098.335
155	1382.862	1382.632	1383.023	1384.048	1385.061	1386.085	1387.098	1386.085	1385.061	1384.048
160	1557.616	1552.425	1550.214	1550.963	1551.711	1552.459	1553.207	1552.459	1551.711	1550.963
165	2431.111	2404.647	2389.808	2386.597	2383.374	2380.162	2376.939	2380.162	2383.374	2386.597
170	7392.044	7318.014	7273.787	7259.352	7244.917	7230.482	7216.046	7230.482	7244.917	7259.352
175	24151.38124131.33924116.63924107.26924097.89924088.54024079.17024088.54024097.89924107.269									
180	35570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.163									

Vert. 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	35571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.026									

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CANDELA TABULATION - (Cont.)

5	24116.61624131.31624151.35824171.38724191.42924211.45924272.05424332.66224393.25824453.865
10	7273.787 7318.014 7392.044 7466.074 7540.092 7614.121 7672.519 7730.916 7789.313 7847.710
15	2389.808 2404.647 2431.111 2457.564 2484.029 2510.482 2521.464 2532.446 2543.428 2554.410
20	1550.214 1552.425 1557.616 1562.796 1567.988 1573.168 1578.199 1583.241 1588.271 1593.302
25	1383.023 1382.632 1382.862 1383.104 1383.334 1383.564 1384.658 1385.751 1386.845 1387.939
30	1096.816 1094.283 1090.749 1087.215 1083.681 1080.147 1081.137 1082.116 1083.106 1084.084
35	449.174 449.611 449.462 449.312 449.163 449.013 452.593 456.161 459.741 463.322
40	83.929 84.989 86.266 87.544 88.822 90.100 91.838 93.576 95.314 97.052
45	46.299 46.322 46.333 46.356 46.368 46.391 46.368 46.356 46.333 46.322
50	42.512 42.419 42.304 42.189 42.074 41.959 41.901 41.844 41.786 41.729
55	40.716 40.520 40.301 40.071 39.852 39.622 39.507 39.380 39.265 39.139
60	33.199 33.061 32.853 32.635 32.428 32.220 32.163 32.105 32.048 31.990
65	23.184 23.149 23.138 23.126 23.115 23.103 23.080 23.057 23.034 23.011
70	16.070 16.070 16.081 16.081 16.093 16.093 16.081 16.070 16.058 16.047
75	10.970 10.959 10.959 10.947 10.947 10.947 10.924 10.913 10.890 10.878
80	6.009 6.009 6.009 6.020 6.020 6.020 6.020 6.032 6.020 6.032
85	1.243 1.243 1.243 1.232 1.232 1.232 1.232 1.232 1.220 1.220
90	0.483 0.483 0.483 0.507 0.507 0.507 0.507 0.507 0.507 0.507
95	1.243 1.243 1.243 1.232 1.232 1.232 1.232 1.232 1.220 1.220
100	6.009 6.009 6.009 6.020 6.020 6.020 6.020 6.032 6.020 6.032
105	10.970 10.959 10.959 10.947 10.947 10.947 10.924 10.913 10.890 10.878
110	16.070 16.070 16.081 16.081 16.093 16.093 16.081 16.070 16.058 16.047
115	23.184 23.149 23.138 23.126 23.115 23.103 23.080 23.057 23.034 23.011
120	33.199 33.061 32.853 32.635 32.428 32.220 32.163 32.105 32.048 31.990
125	40.716 40.520 40.301 40.071 39.852 39.622 39.507 39.380 39.265 39.139
130	42.512 42.419 42.304 42.189 42.074 41.959 41.901 41.844 41.786 41.729
135	46.299 46.322 46.333 46.356 46.368 46.391 46.368 46.356 46.333 46.322
140	83.929 84.989 86.266 87.544 88.822 90.100 91.838 93.576 95.314 97.052
145	449.174 449.611 449.462 449.312 449.163 449.013 452.593 456.161 459.741 463.322
150	1096.816 1094.283 1090.749 1087.215 1083.681 1080.147 1081.137 1082.116 1083.106 1084.084
155	1383.023 1382.632 1382.862 1383.104 1383.334 1383.564 1384.658 1385.751 1386.845 1387.939
160	1550.214 1552.425 1557.616 1562.796 1567.988 1573.168 1578.199 1583.241 1588.271 1593.302
165	2389.808 2404.647 2431.111 2457.564 2484.029 2510.482 2521.464 2532.446 2543.428 2554.410
170	7273.787 7318.014 7392.044 7466.074 7540.092 7614.121 7672.519 7730.916 7789.313 7847.710
175	24116.63924131.33924151.38124171.41024191.44024211.48224272.07724332.68524393.28124453.888
180	35570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.16335570.163

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	35571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.02635571.026									
5	24486.08624489.91924493.75224497.58524501.41924497.58524493.75224489.91924486.08624453.865									
10	7891.465 7920.554 7949.644 7978.733 8007.822 7978.733 7949.644 7920.554 7891.465 7847.710									
15	2570.100 2590.486 2610.873 2631.271 2651.658 2631.271 2610.873 2590.486 2570.100 2554.410									
20	1597.607 1601.175 1604.732 1608.301 1611.869 1608.301 1604.732 1601.175 1597.607 1593.302									
25	1389.895 1392.704 1395.513 1398.322 1401.131 1398.322 1395.513 1392.704 1389.895 1387.939									
30	1085.719 1088.010 1090.300 1092.591 1094.882 1092.591 1090.300 1088.010 1085.719 1084.084									
35	465.255 465.566 465.877 466.176 466.487 466.176 465.877 465.566 465.255 463.322									
40	97.870 97.766 97.674 97.570 97.478 97.570 97.674 97.766 97.870 97.052									
45	46.333 46.379 46.437 46.483 46.529 46.483 46.437 46.379 46.333 46.322									
50	41.694 41.660 41.625 41.602 41.568 41.602 41.625 41.660 41.694 41.729									
55	39.070 39.035 39.012 38.978 38.955 38.978 39.012 39.035 39.070 39.139									
60	32.013 32.117 32.220 32.324 32.428 32.324 32.220 32.117 32.013 31.990									
65	23.023 23.057 23.092 23.138 23.172 23.138 23.092 23.057 23.023 23.011									
70	16.047 16.058 16.070 16.081 16.093 16.081 16.070 16.058 16.047 16.047									
75	10.867 10.878 10.890 10.890 10.901 10.890 10.890 10.878 10.867 10.878									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	6.032	6.043	6.055	6.055	6.066	6.055	6.055	6.043	6.032	6.032
85	1.220	1.220	1.220	1.220	1.220	1.220	1.220	1.220	1.220	1.220
90	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507	0.507
95	1.220	1.220	1.220	1.220	1.220	1.220	1.220	1.220	1.220	1.220
100	6.032	6.043	6.055	6.055	6.066	6.055	6.055	6.043	6.032	6.032
105	10.867	10.878	10.890	10.890	10.901	10.890	10.890	10.878	10.867	10.878
110	16.047	16.058	16.070	16.081	16.093	16.081	16.070	16.058	16.047	16.047
115	23.023	23.057	23.092	23.138	23.172	23.138	23.092	23.057	23.023	23.011
120	32.013	32.117	32.220	32.324	32.428	32.324	32.220	32.117	32.013	31.990
125	39.070	39.035	39.012	38.978	38.955	38.978	39.012	39.035	39.070	39.139
130	41.694	41.660	41.625	41.602	41.568	41.602	41.625	41.660	41.694	41.729
135	46.333	46.379	46.437	46.483	46.529	46.483	46.437	46.379	46.333	46.322
140	97.870	97.766	97.674	97.570	97.478	97.570	97.674	97.766	97.870	97.052
145	465.255	465.566	465.877	466.176	466.487	466.176	465.877	465.566	465.255	463.322
150	1085.719	1088.010	1090.300	1092.591	1094.882	1092.591	1090.300	1088.010	1085.719	1084.084
155	1389.895	1392.704	1395.513	1398.322	1401.131	1398.322	1395.513	1392.704	1389.895	1387.939
160	1597.607	1601.175	1604.732	1608.301	1611.869	1608.301	1604.732	1601.175	1597.607	1593.302
165	2570.100	2590.486	2610.873	2631.271	2651.658	2631.271	2610.873	2590.486	2570.100	2554.410
170	7891.465	7920.554	7949.644	7978.733	8007.822	7978.733	7949.644	7920.554	7891.465	7847.710
175	24486.097	24489.930	24493.775	24497.608	24501.442	24497.608	24493.775	24489.942	24486.097	24453.888
180	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163

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	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026	35571.026
5	24393.258	24332.662	24272.054	24211.459	24191.429	24171.387	24151.358	24131.316	24116.616	24107.246
10	7789.313	7730.916	7672.519	7614.121	7540.092	7466.074	7392.044	7318.014	7273.787	7259.352
15	2543.428	2532.446	2521.464	2510.482	2484.029	2457.564	2431.111	2404.647	2389.808	2386.597
20	1588.271	1583.241	1578.199	1573.168	1567.988	1562.796	1557.616	1552.425	1550.214	1550.963
25	1386.845	1385.751	1384.658	1383.564	1383.334	1383.104	1382.862	1382.632	1383.023	1384.048
30	1083.106	1082.116	1081.137	1080.147	1083.681	1087.215	1090.749	1094.283	1096.816	1098.335
35	459.741	456.161	452.593	449.013	449.163	449.312	449.462	449.611	449.174	448.161
40	95.314	93.576	91.838	90.100	88.822	87.544	86.266	84.989	83.929	83.066
45	46.333	46.356	46.368	46.391	46.368	46.356	46.333	46.322	46.299	46.276
50	41.786	41.844	41.901	41.959	42.074	42.189	42.304	42.419	42.512	42.581
55	39.265	39.380	39.507	39.622	39.852	40.071	40.301	40.520	40.716	40.865
60	32.048	32.105	32.163	32.220	32.428	32.635	32.853	33.061	33.199	33.268
65	23.034	23.057	23.080	23.103	23.115	23.126	23.138	23.149	23.184	23.241
70	16.058	16.070	16.081	16.093	16.093	16.081	16.081	16.070	16.070	16.081
75	10.890	10.913	10.924	10.947	10.947	10.947	10.959	10.959	10.970	10.982
80	6.020	6.032	6.020	6.020	6.020	6.020	6.009	6.009	6.009	6.009
85	1.220	1.232	1.232	1.232	1.232	1.232	1.243	1.243	1.243	1.243
90	0.507	0.507	0.507	0.507	0.507	0.507	0.483	0.483	0.483	0.483
95	1.220	1.232	1.232	1.232	1.232	1.232	1.243	1.243	1.243	1.243
100	6.020	6.032	6.020	6.020	6.020	6.020	6.009	6.009	6.009	6.009
105	10.890	10.913	10.924	10.947	10.947	10.947	10.959	10.959	10.970	10.982
110	16.058	16.070	16.081	16.093	16.093	16.081	16.081	16.070	16.070	16.081
115	23.034	23.057	23.080	23.103	23.115	23.126	23.138	23.149	23.184	23.241
120	32.048	32.105	32.163	32.220	32.428	32.635	32.853	33.061	33.199	33.268
125	39.265	39.380	39.507	39.622	39.852	40.071	40.301	40.520	40.716	40.865
130	41.786	41.844	41.901	41.959	42.074	42.189	42.304	42.419	42.512	42.581
135	46.333	46.356	46.368	46.391	46.368	46.356	46.333	46.322	46.299	46.276
140	95.314	93.576	91.838	90.100	88.822	87.544	86.266	84.989	83.929	83.066
145	459.741	456.161	452.593	449.013	449.163	449.312	449.462	449.611	449.174	448.161
150	1083.106	1082.116	1081.137	1080.147	1083.681	1087.215	1090.749	1094.283	1096.816	1098.335

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-S-XX_.IES

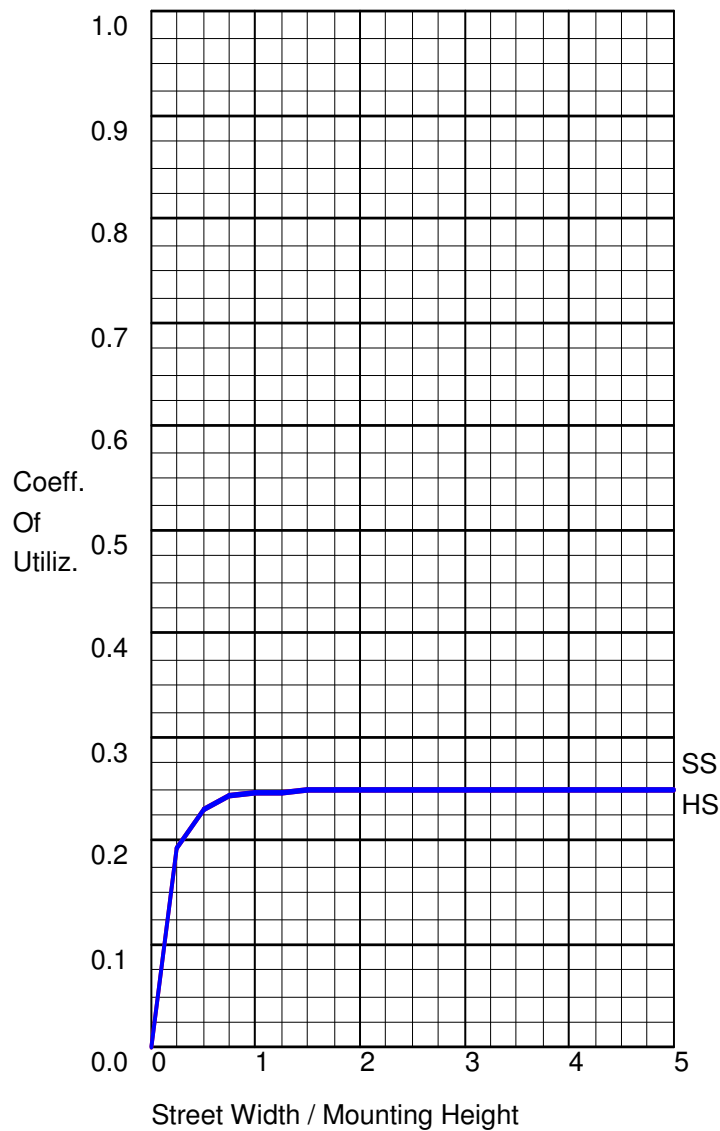
CANDELA TABULATION - (Cont.)

155	1386.845	1385.751	1384.658	1383.564	1383.334	1383.104	1382.862	1382.632	1383.023	1384.048
160	1588.271	1583.241	1578.199	1573.168	1567.988	1562.796	1557.616	1552.425	1550.214	1550.963
165	2543.428	2532.446	2521.464	2510.482	2484.029	2457.564	2431.111	2404.647	2389.808	2386.597
170	7789.313	7730.916	7672.519	7614.121	7540.092	7466.074	7392.044	7318.014	7273.787	7259.352
175	24393.281	24332.685	24272.077	24211.482	24191.452	24171.410	24151.381	24131.339	24116.639	24107.269
180	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163	35570.163

Vert. Horizontal Angles

	350	355	360
0	35571.026	35571.026	35571.026
5	24097.887	24088.517	24079.147
10	7244.917	7230.482	7216.046
15	2383.374	2380.162	2376.939
20	1551.711	1552.459	1553.207
25	1385.061	1386.085	1387.098
30	1099.866	1101.386	1102.905
35	447.160	446.147	445.134
40	82.203	81.339	80.476
45	46.241	46.218	46.195
50	42.638	42.707	42.776
55	41.015	41.165	41.314
60	33.348	33.418	33.487
65	23.299	23.357	23.414
70	16.081	16.093	16.093
75	10.993	11.016	11.028
80	6.020	6.020	6.020
85	1.266	1.266	1.266
90	0.460	0.460	0.460
95	1.266	1.266	1.266
100	6.020	6.020	6.020
105	10.993	11.016	11.028
110	16.081	16.093	16.093
115	23.299	23.357	23.414
120	33.348	33.418	33.487
125	41.015	41.165	41.314
130	42.638	42.707	42.776
135	46.241	46.218	46.195
140	82.203	81.339	80.476
145	447.160	446.147	445.134
150	1099.866	1101.386	1102.905
155	1385.061	1386.085	1387.098
160	1551.711	1552.459	1553.207
165	2383.374	2380.162	2376.939
170	7244.917	7230.482	7216.046
175	24097.910	24088.540	24079.170
180	35570.163	35570.163	35570.163

COEFFICIENTS OF UTILIZATION



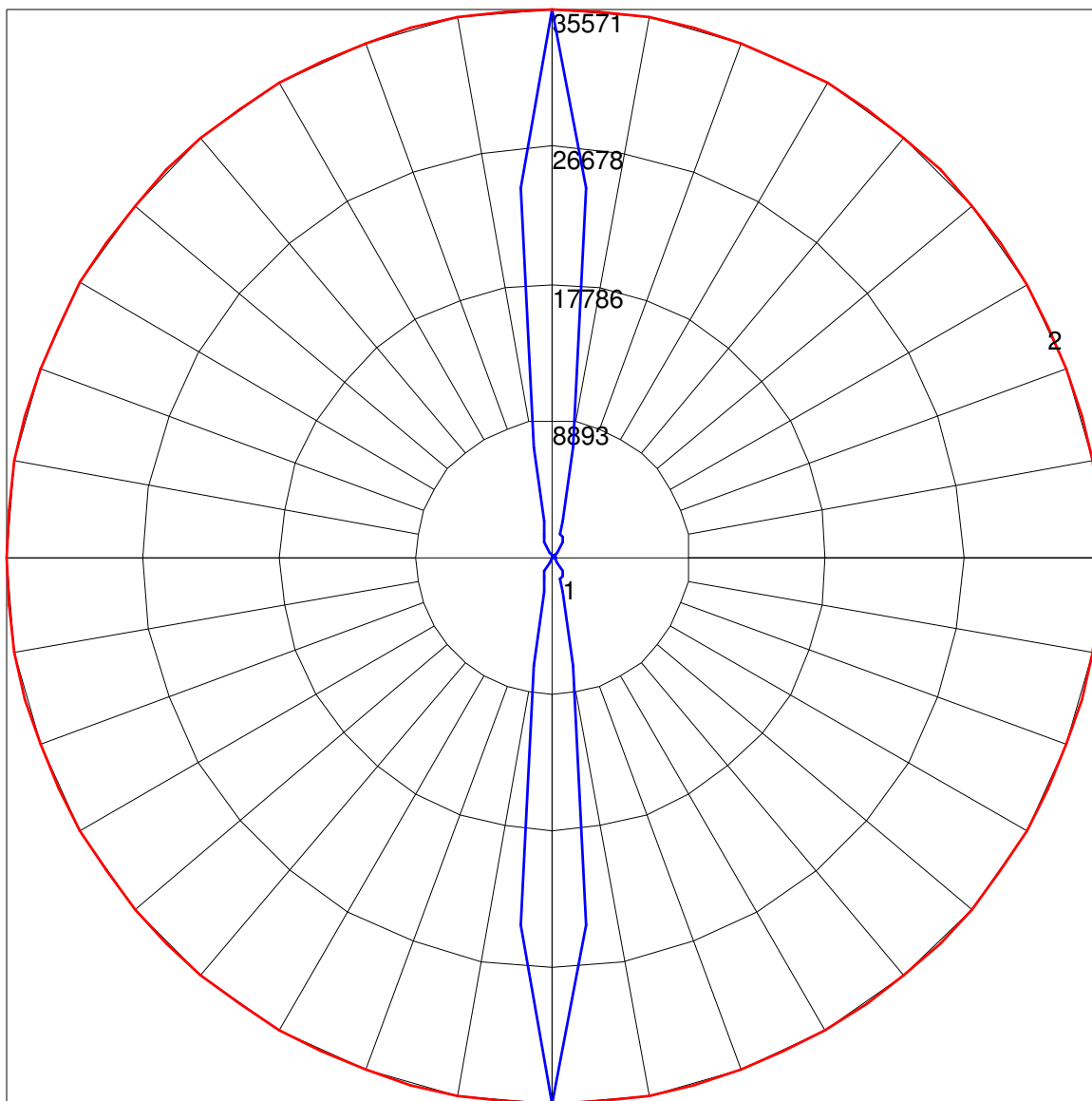
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1923.7	25.0
Downward House Side	1923.7	25.0
Downward Total	3847.4	50.0
Upward Street Side	1923.7	25.0
Upward House Side	1923.7	25.0
Upward Total	3847.4	50.0
Total Flux	7694.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-935U-L40-935D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 35571.026 Located At Horizontal Angle = 360, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

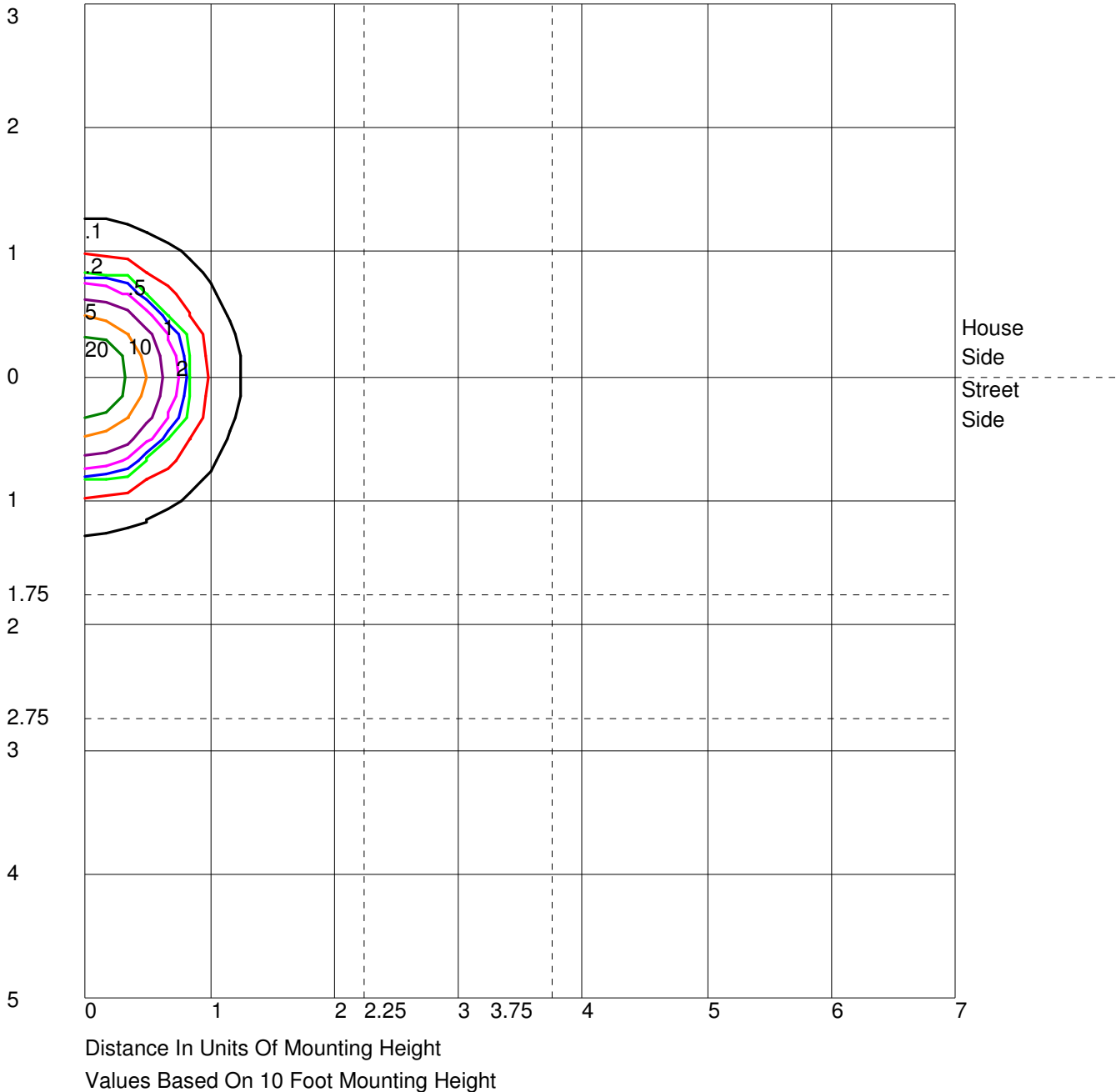


PHOTO LUMENS

