

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-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-L40-827U-L40-827D-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	7855
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	36312.089
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	36312.089
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.517 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6.193 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1742.5	N.A.	22.2
FM - Front-Medium (30-60)	202.2	N.A.	2.6
FH - Front-High (60-80)	17.9	N.A.	0.2
FVH - Front-Very High (80-90)	1.2	N.A.	0.0
BL - Back-Low (0-30)	1742.5	N.A.	22.2
BM - Back-Medium (30-60)	202.2	N.A.	2.6
BH - Back-High (60-80)	17.9	N.A.	0.2
BVH - Back-Very High (80-90)	1.2	N.A.	0.0
UL - Uplight-Low (90-100)	2.5	N.A.	0.0
UH - Uplight-High (100-180)	3925.1	N.A.	50.0
Total	7855.2	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	36312.0893	36312.0893	36312.0893	36312.0893	36312.0893	36312.0893	36312.0893	36312.0893	36312.0893	36312.0893
5	24777.7222	24839.5922	24901.4512	24963.3212	24996.2122	25000.1262	25004.0392	25007.9522	25011.8652	25007.952
10	7832.363	7891.977	7951.590	8011.204	8055.871	8085.566	8115.261	8144.956	8174.652	8144.956
15	2573.995	2585.205	2596.416	2607.627	2623.643	2644.455	2665.266	2686.089	2706.901	2686.089
20	1611.078	1616.225	1621.360	1626.495	1630.890	1634.533	1638.164	1641.807	1645.450	1641.807
25	1413.505	1414.621	1415.738	1416.854	1418.852	1421.719	1424.586	1427.454	1430.321	1427.454
30	1103.661	1104.660	1105.670	1106.669	1108.338	1110.676	1113.015	1115.353	1117.692	1115.353
35	462.022	465.665	469.319	472.974	474.948	475.266	475.583	475.888	476.206	475.888
40	93.751	95.526	97.300	99.074	99.909	99.803	99.709	99.603	99.509	99.603
45	47.334	47.322	47.299	47.287	47.299	47.346	47.404	47.451	47.498	47.451
50	42.774	42.716	42.657	42.598	42.563	42.528	42.492	42.469	42.434	42.469
55	40.330	40.201	40.083	39.954	39.884	39.848	39.825	39.790	39.766	39.790

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CANDELA TABULATION - (Cont.)

60	32.833	32.774	32.715	32.657	32.680	32.786	32.892	32.997	33.103	32.997
65	23.561	23.538	23.514	23.491	23.502	23.538	23.573	23.620	23.655	23.620
70	16.416	16.405	16.393	16.381	16.381	16.393	16.405	16.416	16.428	16.416
75	11.152	11.140	11.117	11.105	11.093	11.105	11.117	11.117	11.128	11.117
80	6.146	6.158	6.146	6.158	6.158	6.169	6.181	6.181	6.193	6.181
85	1.257	1.257	1.246	1.246	1.246	1.246	1.246	1.246	1.246	1.246
90	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
95	1.257	1.257	1.246	1.246	1.246	1.246	1.246	1.246	1.246	1.246
100	6.146	6.158	6.146	6.158	6.158	6.169	6.181	6.181	6.193	6.181
105	11.152	11.140	11.117	11.105	11.093	11.105	11.117	11.117	11.128	11.117
110	16.416	16.405	16.393	16.381	16.381	16.393	16.405	16.416	16.428	16.416
115	23.561	23.538	23.514	23.491	23.502	23.538	23.573	23.620	23.655	23.620
120	32.833	32.774	32.715	32.657	32.680	32.786	32.892	32.997	33.103	32.997
125	40.330	40.201	40.083	39.954	39.884	39.848	39.825	39.790	39.766	39.790
130	42.774	42.716	42.657	42.598	42.563	42.528	42.492	42.469	42.434	42.469
135	47.334	47.322	47.299	47.287	47.299	47.346	47.404	47.451	47.498	47.451
140	93.751	95.526	97.300	99.074	99.909	99.803	99.709	99.603	99.509	99.603
145	462.022	465.665	469.319	472.974	474.948	475.266	475.583	475.888	476.206	475.888
150	1103.661	1104.660	1105.670	1106.669	1108.338	1110.676	1113.015	1115.353	1117.692	1115.353
155	1413.505	1414.621	1415.738	1416.854	1418.852	1421.719	1424.586	1427.454	1430.321	1427.454
160	1611.078	1616.225	1621.360	1626.495	1630.890	1634.533	1638.164	1641.807	1645.450	1641.807
165	2573.995	2585.205	2596.416	2607.627	2623.643	2644.455	2665.266	2686.089	2706.901	2686.089
170	7832.363	7891.977	7951.590	8011.204	8055.871	8085.566	8115.261	8144.956	8174.652	8144.956
175	24777.746	24839.616	24901.474	24963.344	24996.224	25000.149	25004.062	25007.975	25011.889	25007.975
180	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089
5	25004.039	25000.126	24996.212	24963.321	24901.451	24839.592	24777.722	24715.864	24695.417	24674.958
10	8115.261	8085.566	8055.871	8011.204	7951.590	7891.977	7832.363	7772.749	7697.177	7621.617
15	2665.266	2644.455	2623.643	2607.627	2596.416	2585.205	2573.995	2562.784	2535.780	2508.764
20	1638.164	1634.533	1630.890	1626.495	1621.360	1616.225	1611.078	1605.942	1600.654	1595.355
25	1424.586	1421.719	1418.852	1416.854	1415.738	1414.621	1413.505	1412.388	1412.153	1411.918
30	1113.015	1110.676	1108.338	1106.669	1105.670	1104.660	1103.661	1102.650	1106.258	1109.866
35	475.583	475.266	474.948	472.974	469.319	465.665	462.022	458.367	458.520	458.673
40	99.709	99.803	99.909	99.074	97.300	95.526	93.751	91.977	90.672	89.368
45	47.404	47.346	47.299	47.287	47.299	47.322	47.334	47.357	47.334	47.322
50	42.492	42.528	42.563	42.598	42.657	42.716	42.774	42.833	42.951	43.068
55	39.825	39.848	39.884	39.954	40.083	40.201	40.330	40.448	40.683	40.906
60	32.892	32.786	32.680	32.657	32.715	32.774	32.833	32.892	33.103	33.315
65	23.573	23.538	23.502	23.491	23.514	23.538	23.561	23.585	23.596	23.608
70	16.405	16.393	16.381	16.381	16.393	16.405	16.416	16.428	16.428	16.416
75	11.117	11.105	11.093	11.105	11.117	11.140	11.152	11.175	11.175	11.175
80	6.181	6.169	6.158	6.158	6.146	6.158	6.146	6.146	6.146	6.146
85	1.246	1.246	1.246	1.246	1.246	1.257	1.257	1.257	1.257	1.257
90	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
95	1.246	1.246	1.246	1.246	1.246	1.257	1.257	1.257	1.257	1.257
100	6.181	6.169	6.158	6.158	6.146	6.158	6.146	6.146	6.146	6.146
105	11.117	11.105	11.093	11.105	11.117	11.140	11.152	11.175	11.175	11.175
110	16.405	16.393	16.381	16.381	16.393	16.405	16.416	16.428	16.428	16.416
115	23.573	23.538	23.502	23.491	23.514	23.538	23.561	23.585	23.596	23.608
120	32.892	32.786	32.680	32.657	32.715	32.774	32.833	32.892	33.103	33.315
125	39.825	39.848	39.884	39.954	40.083	40.201	40.330	40.448	40.683	40.906
130	42.492	42.528	42.563	42.598	42.657	42.716	42.774	42.833	42.951	43.068

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CANDELA TABULATION - (Cont.)

135	47.404	47.346	47.299	47.287	47.299	47.322	47.334	47.357	47.334	47.322
140	99.709	99.803	99.909	99.074	97.300	95.526	93.751	91.977	90.672	89.368
145	475.583	475.266	474.948	472.974	469.319	465.665	462.022	458.367	458.520	458.673
150	1113.015	1110.676	1108.338	1106.669	1105.670	1104.660	1103.661	1102.650	1106.258	1109.866
155	1424.586	1421.719	1418.852	1416.854	1415.738	1414.621	1413.505	1412.388	1412.153	1411.918
160	1638.164	1634.533	1630.890	1626.495	1621.360	1616.225	1611.078	1605.942	1600.654	1595.355
165	2665.266	2644.455	2623.643	2607.627	2596.416	2585.205	2573.995	2562.784	2535.780	2508.764
170	8115.261	8085.566	8055.871	8011.204	7951.590	7891.977	7832.363	7772.749	7697.177	7621.617
175	25004.06225000.13724996.22424963.34424901.47424839.61624777.74624715.88824695.42924674.982									
180	36311.20836311.20836311.20836311.20836311.20836311.20836311.20836311.20836311.20836311.208									

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	36312.08936312.08936312.08936312.08936312.08936312.08936312.08936312.08936312.08936312.089									
5	24654.51124634.05224619.04624609.48024599.92724590.36124580.79624590.36124599.92724609.480									
10	7546.045	7470.473	7425.325	7410.589	7395.853	7381.117	7366.381	7381.117	7395.853	7410.589
15	2481.759	2454.743	2439.596	2436.318	2433.027	2429.749	2426.458	2429.749	2433.027	2436.318
20	1590.067	1584.767	1582.511	1583.274	1584.038	1584.802	1585.566	1584.802	1584.038	1583.274
25	1411.672	1411.437	1411.836	1412.882	1413.916	1414.962	1415.996	1414.962	1413.916	1412.882
30	1113.473	1117.081	1119.666	1121.217	1122.780	1124.331	1125.882	1124.331	1122.780	1121.217
35	458.826	458.978	458.532	457.498	456.475	455.441	454.407	455.441	456.475	457.498
40	88.063	86.759	85.678	84.797	83.915	83.034	82.153	83.034	83.915	84.797
45	47.299	47.287	47.263	47.240	47.205	47.181	47.158	47.181	47.205	47.240
50	43.186	43.303	43.397	43.468	43.526	43.597	43.667	43.597	43.526	43.468
55	41.141	41.364	41.564	41.717	41.870	42.022	42.175	42.022	41.870	41.717
60	33.538	33.749	33.890	33.961	34.043	34.114	34.184	34.114	34.043	33.961
65	23.620	23.632	23.667	23.726	23.784	23.843	23.902	23.843	23.784	23.726
70	16.416	16.405	16.405	16.416	16.416	16.428	16.428	16.428	16.416	16.416
75	11.187	11.187	11.199	11.211	11.222	11.246	11.258	11.246	11.222	11.211
80	6.134	6.134	6.134	6.134	6.146	6.146	6.146	6.146	6.146	6.134
85	1.269	1.269	1.269	1.269	1.293	1.293	1.293	1.293	1.293	1.269
90	0.494	0.494	0.494	0.494	0.470	0.470	0.470	0.470	0.470	0.494
95	1.269	1.269	1.269	1.269	1.293	1.293	1.293	1.293	1.293	1.269
100	6.134	6.134	6.134	6.134	6.146	6.146	6.146	6.146	6.146	6.134
105	11.187	11.187	11.199	11.211	11.222	11.246	11.258	11.246	11.222	11.211
110	16.416	16.405	16.405	16.416	16.416	16.428	16.428	16.428	16.416	16.416
115	23.620	23.632	23.667	23.726	23.784	23.843	23.902	23.843	23.784	23.726
120	33.538	33.749	33.890	33.961	34.043	34.114	34.184	34.114	34.043	33.961
125	41.141	41.364	41.564	41.717	41.870	42.022	42.175	42.022	41.870	41.717
130	43.186	43.303	43.397	43.468	43.526	43.597	43.667	43.597	43.526	43.468
135	47.299	47.287	47.263	47.240	47.205	47.181	47.158	47.181	47.205	47.240
140	88.063	86.759	85.678	84.797	83.915	83.034	82.153	83.034	83.915	84.797
145	458.826	458.978	458.532	457.498	456.475	455.441	454.407	455.441	456.475	457.498
150	1113.473	1117.081	1119.666	1121.217	1122.780	1124.331	1125.882	1124.331	1122.780	1121.217
155	1411.672	1411.437	1411.836	1412.882	1413.916	1414.962	1415.996	1414.962	1413.916	1412.882
160	1590.067	1584.767	1582.511	1583.274	1584.038	1584.802	1585.566	1584.802	1584.038	1583.274
165	2481.759	2454.743	2439.596	2436.318	2433.027	2429.749	2426.458	2429.749	2433.027	2436.318
170	7546.045	7470.473	7425.325	7410.589	7395.853	7381.117	7366.381	7381.117	7395.853	7410.589
175	24654.53524634.07624619.06924609.50424599.93824590.38524580.81924590.38524599.93824609.504									
180	36311.20836311.20836311.20836311.20836311.20836311.20836311.20836311.20836311.20836311.208									

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	36312.08936312.08936312.08936312.08936312.08936312.08936312.08936312.08936312.089									

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CANDELA TABULATION - (Cont.)

5	24619.04624634.05224654.51124674.95824695.41724715.86424777.72224839.59224901.45124963.321
10	7425.325 7470.473 7546.045 7621.617 7697.177 7772.749 7832.363 7891.977 7951.590 8011.204
15	2439.596 2454.743 2481.759 2508.764 2535.780 2562.784 2573.995 2585.205 2596.416 2607.627
20	1582.511 1584.767 1590.067 1595.355 1600.654 1605.942 1611.078 1616.225 1621.360 1626.495
25	1411.836 1411.437 1411.672 1411.918 1412.153 1412.388 1413.505 1414.621 1415.738 1416.854
30	1119.666 1117.081 1113.473 1109.866 1106.258 1102.650 1103.661 1104.660 1105.670 1106.669
35	458.532 458.978 458.826 458.673 458.520 458.367 462.022 465.665 469.319 472.974
40	85.678 86.759 88.063 89.368 90.672 91.977 93.751 95.526 97.300 99.074
45	47.263 47.287 47.299 47.322 47.334 47.357 47.334 47.322 47.299 47.287
50	43.397 43.303 43.186 43.068 42.951 42.833 42.774 42.716 42.657 42.598
55	41.564 41.364 41.141 40.906 40.683 40.448 40.330 40.201 40.083 39.954
60	33.890 33.749 33.538 33.315 33.103 32.892 32.833 32.774 32.715 32.657
65	23.667 23.632 23.620 23.608 23.596 23.585 23.561 23.538 23.514 23.491
70	16.405 16.405 16.416 16.416 16.428 16.428 16.416 16.405 16.393 16.381
75	11.199 11.187 11.187 11.175 11.175 11.175 11.152 11.140 11.117 11.105
80	6.134 6.134 6.134 6.146 6.146 6.146 6.146 6.158 6.146 6.158
85	1.269 1.269 1.269 1.257 1.257 1.257 1.257 1.257 1.246 1.246
90	0.494 0.494 0.494 0.517 0.517 0.517 0.517 0.517 0.517 0.517
95	1.269 1.269 1.269 1.257 1.257 1.257 1.257 1.257 1.246 1.246
100	6.134 6.134 6.134 6.146 6.146 6.146 6.146 6.158 6.146 6.158
105	11.199 11.187 11.187 11.175 11.175 11.175 11.152 11.140 11.117 11.105
110	16.405 16.405 16.416 16.416 16.428 16.428 16.416 16.405 16.393 16.381
115	23.667 23.632 23.620 23.608 23.596 23.585 23.561 23.538 23.514 23.491
120	33.890 33.749 33.538 33.315 33.103 32.892 32.833 32.774 32.715 32.657
125	41.564 41.364 41.141 40.906 40.683 40.448 40.330 40.201 40.083 39.954
130	43.397 43.303 43.186 43.068 42.951 42.833 42.774 42.716 42.657 42.598
135	47.263 47.287 47.299 47.322 47.334 47.357 47.334 47.322 47.299 47.287
140	85.678 86.759 88.063 89.368 90.672 91.977 93.751 95.526 97.300 99.074
145	458.532 458.978 458.826 458.673 458.520 458.367 462.022 465.665 469.319 472.974
150	1119.666 1117.081 1113.473 1109.866 1106.258 1102.650 1103.661 1104.660 1105.670 1106.669
155	1411.836 1411.437 1411.672 1411.918 1412.153 1412.388 1413.505 1414.621 1415.738 1416.854
160	1582.511 1584.767 1590.067 1595.355 1600.654 1605.942 1611.078 1616.225 1621.360 1626.495
165	2439.596 2454.743 2481.759 2508.764 2535.780 2562.784 2573.995 2585.205 2596.416 2607.627
170	7425.325 7470.473 7546.045 7621.617 7697.177 7772.749 7832.363 7891.977 7951.590 8011.204
175	24619.06924634.07624654.53524674.98224695.42924715.88824777.74624839.61624901.47424963.344
180	36311.20836311.20836311.20836311.20836311.20836311.20836311.20836311.20836311.208

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	36312.08936312.08936312.08936312.08936312.08936312.08936312.08936312.089									
5	24996.21225000.12625004.03925007.95225011.86525007.95225004.03925000.12624996.21224963.321									
10	8055.871 8085.566 8115.261 8144.956 8174.652 8144.956 8115.261 8085.566 8055.871 8011.204									
15	2623.643 2644.455 2665.266 2686.089 2706.901 2686.089 2665.266 2644.455 2623.643 2607.627									
20	1630.890 1634.533 1638.164 1641.807 1645.450 1641.807 1638.164 1634.533 1630.890 1626.495									
25	1418.852 1421.719 1424.586 1427.454 1430.321 1427.454 1424.586 1421.719 1418.852 1416.854									
30	1108.338 1110.676 1113.015 1115.353 1117.692 1115.353 1113.015 1110.676 1108.338 1106.669									
35	474.948 475.266 475.583 475.888 476.206 475.888 475.583 475.266 474.948 472.974									
40	99.909 99.803 99.709 99.603 99.509 99.603 99.709 99.803 99.909 99.074									
45	47.299 47.346 47.404 47.451 47.498 47.451 47.404 47.346 47.299 47.287									
50	42.563 42.528 42.492 42.469 42.434 42.469 42.492 42.528 42.563 42.598									
55	39.884 39.848 39.825 39.790 39.766 39.790 39.825 39.848 39.884 39.954									
60	32.680 32.786 32.892 32.997 33.103 32.997 32.892 32.786 32.680 32.657									
65	23.502 23.538 23.573 23.620 23.655 23.620 23.573 23.538 23.502 23.491									
70	16.381 16.393 16.405 16.416 16.428 16.416 16.405 16.393 16.381 16.381									
75	11.093 11.105 11.117 11.117 11.128 11.117 11.117 11.105 11.093 11.105									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	6.158	6.169	6.181	6.181	6.193	6.181	6.181	6.169	6.158	6.158
85	1.246	1.246	1.246	1.246	1.246	1.246	1.246	1.246	1.246	1.246
90	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517	0.517
95	1.246	1.246	1.246	1.246	1.246	1.246	1.246	1.246	1.246	1.246
100	6.158	6.169	6.181	6.181	6.193	6.181	6.181	6.169	6.158	6.158
105	11.093	11.105	11.117	11.117	11.128	11.117	11.117	11.105	11.093	11.105
110	16.381	16.393	16.405	16.416	16.428	16.416	16.405	16.393	16.381	16.381
115	23.502	23.538	23.573	23.620	23.655	23.620	23.573	23.538	23.502	23.491
120	32.680	32.786	32.892	32.997	33.103	32.997	32.892	32.786	32.680	32.657
125	39.884	39.848	39.825	39.790	39.766	39.790	39.825	39.848	39.884	39.954
130	42.563	42.528	42.492	42.469	42.434	42.469	42.492	42.528	42.563	42.598
135	47.299	47.346	47.404	47.451	47.498	47.451	47.404	47.346	47.299	47.287
140	99.909	99.803	99.709	99.603	99.509	99.603	99.709	99.803	99.909	99.074
145	474.948	475.266	475.583	475.888	476.206	475.888	475.583	475.266	474.948	472.974
150	1108.338	1110.676	1113.015	1115.353	1117.692	1115.353	1113.015	1110.676	1108.338	1106.669
155	1418.852	1421.719	1424.586	1427.454	1430.321	1427.454	1424.586	1421.719	1418.852	1416.854
160	1630.890	1634.533	1638.164	1641.807	1645.450	1641.807	1638.164	1634.533	1630.890	1626.495
165	2623.643	2644.455	2665.266	2686.089	2706.901	2686.089	2665.266	2644.455	2623.643	2607.627
170	8055.871	8085.566	8115.261	8144.956	8174.652	8144.956	8115.261	8085.566	8055.871	8011.204
175	24996.224	25000.137	25004.062	25007.975	25011.889	25007.975	25004.062	25000.137	24996.224	24963.344
180	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208

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	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089	36312.089
5	24901.451	24839.592	24777.722	24715.864	24695.417	24674.958	24654.511	24634.052	24619.046	24609.480
10	7951.590	7891.977	7832.363	7772.749	7697.177	7621.617	7546.045	7470.473	7425.325	7410.589
15	2596.416	2585.205	2573.995	2562.784	2535.780	2508.764	2481.759	2454.743	2439.596	2436.318
20	1621.360	1616.225	1611.078	1605.942	1600.654	1595.355	1590.067	1584.767	1582.511	1583.274
25	1415.738	1414.621	1413.505	1412.388	1412.153	1411.918	1411.672	1411.437	1411.836	1412.882
30	1105.670	1104.660	1103.661	1102.650	1106.258	1109.866	1113.473	1117.081	1119.666	1121.217
35	469.319	465.665	462.022	458.367	458.520	458.673	458.826	458.978	458.532	457.498
40	97.300	95.526	93.751	91.977	90.672	89.368	88.063	86.759	85.678	84.797
45	47.299	47.322	47.334	47.357	47.334	47.322	47.299	47.287	47.263	47.240
50	42.657	42.716	42.774	42.833	42.951	43.068	43.186	43.303	43.397	43.468
55	40.083	40.201	40.330	40.448	40.683	40.906	41.141	41.364	41.564	41.717
60	32.715	32.774	32.833	32.892	33.103	33.315	33.538	33.749	33.890	33.961
65	23.514	23.538	23.561	23.585	23.596	23.608	23.620	23.632	23.667	23.726
70	16.393	16.405	16.416	16.428	16.428	16.416	16.416	16.405	16.405	16.416
75	11.117	11.140	11.152	11.175	11.175	11.175	11.187	11.187	11.199	11.211
80	6.146	6.158	6.146	6.146	6.146	6.146	6.134	6.134	6.134	6.134
85	1.246	1.257	1.257	1.257	1.257	1.257	1.269	1.269	1.269	1.269
90	0.517	0.517	0.517	0.517	0.517	0.517	0.494	0.494	0.494	0.494
95	1.246	1.257	1.257	1.257	1.257	1.257	1.269	1.269	1.269	1.269
100	6.146	6.158	6.146	6.146	6.146	6.146	6.134	6.134	6.134	6.134
105	11.117	11.140	11.152	11.175	11.175	11.175	11.187	11.187	11.199	11.211
110	16.393	16.405	16.416	16.428	16.428	16.416	16.416	16.405	16.405	16.416
115	23.514	23.538	23.561	23.585	23.596	23.608	23.620	23.632	23.667	23.726
120	32.715	32.774	32.833	32.892	33.103	33.315	33.538	33.749	33.890	33.961
125	40.083	40.201	40.330	40.448	40.683	40.906	41.141	41.364	41.564	41.717
130	42.657	42.716	42.774	42.833	42.951	43.068	43.186	43.303	43.397	43.468
135	47.299	47.322	47.334	47.357	47.334	47.322	47.299	47.287	47.263	47.240
140	97.300	95.526	93.751	91.977	90.672	89.368	88.063	86.759	85.678	84.797
145	469.319	465.665	462.022	458.367	458.520	458.673	458.826	458.978	458.532	457.498
150	1105.670	1104.660	1103.661	1102.650	1106.258	1109.866	1113.473	1117.081	1119.666	1121.217

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-XXX-DIM-UNV-S-XX_.IES

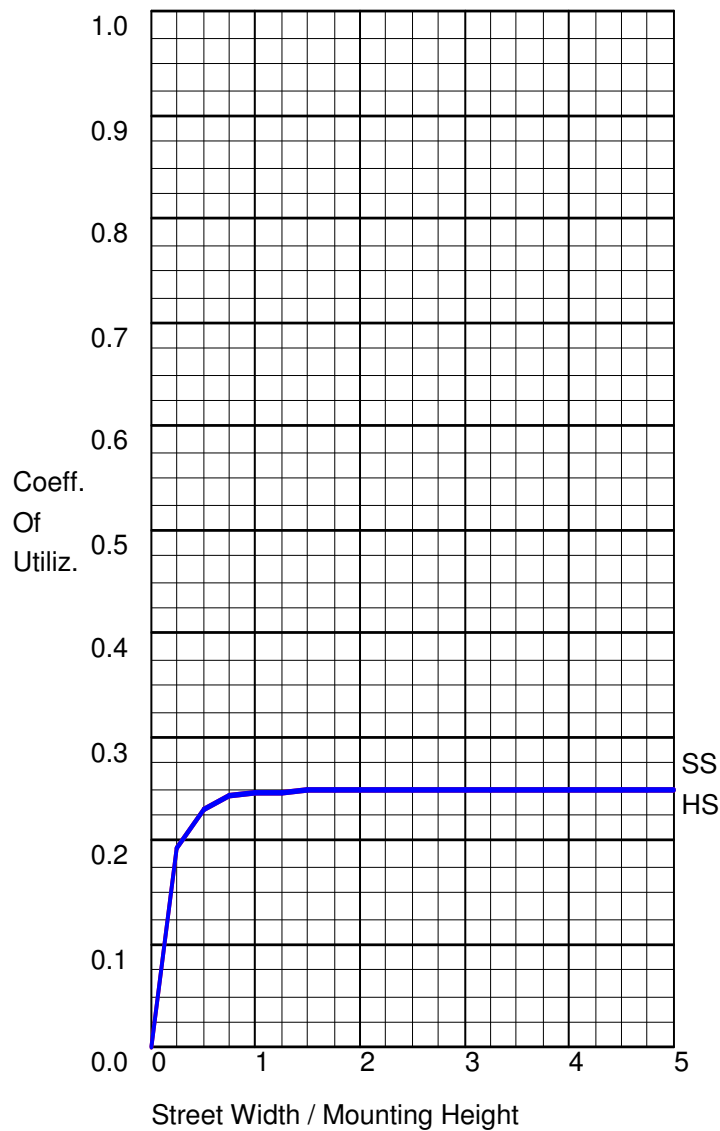
CANDELA TABULATION - (Cont.)

155	1415.738	1414.621	1413.505	1412.388	1412.153	1411.918	1411.672	1411.437	1411.836	1412.882
160	1621.360	1616.225	1611.078	1605.942	1600.654	1595.355	1590.067	1584.767	1582.511	1583.274
165	2596.416	2585.205	2573.995	2562.784	2535.780	2508.764	2481.759	2454.743	2439.596	2436.318
170	7951.590	7891.977	7832.363	7772.749	7697.177	7621.617	7546.045	7470.473	7425.325	7410.589
175	24901.474	24839.616	24777.746	24715.888	24695.440	24674.982	24654.535	24634.076	24619.069	24609.504
180	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208	36311.208

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	36312.089	36312.089	36312.089
5	24599.927	24590.361	24580.796
10	7395.853	7381.117	7366.381
15	2433.027	2429.749	2426.458
20	1584.038	1584.802	1585.566
25	1413.916	1414.962	1415.996
30	1122.780	1124.331	1125.882
35	456.475	455.441	454.407
40	83.915	83.034	82.153
45	47.205	47.181	47.158
50	43.526	43.597	43.667
55	41.870	42.022	42.175
60	34.043	34.114	34.184
65	23.784	23.843	23.902
70	16.416	16.428	16.428
75	11.222	11.246	11.258
80	6.146	6.146	6.146
85	1.293	1.293	1.293
90	0.470	0.470	0.470
95	1.293	1.293	1.293
100	6.146	6.146	6.146
105	11.222	11.246	11.258
110	16.416	16.428	16.428
115	23.784	23.843	23.902
120	34.043	34.114	34.184
125	41.870	42.022	42.175
130	43.526	43.597	43.667
135	47.205	47.181	47.158
140	83.915	83.034	82.153
145	456.475	455.441	454.407
150	1122.780	1124.331	1125.882
155	1413.916	1414.962	1415.996
160	1584.038	1584.802	1585.566
165	2433.027	2429.749	2426.458
170	7395.853	7381.117	7366.381
175	24599.950	24590.385	24580.819
180	36311.208	36311.208	36311.208

COEFFICIENTS OF UTILIZATION



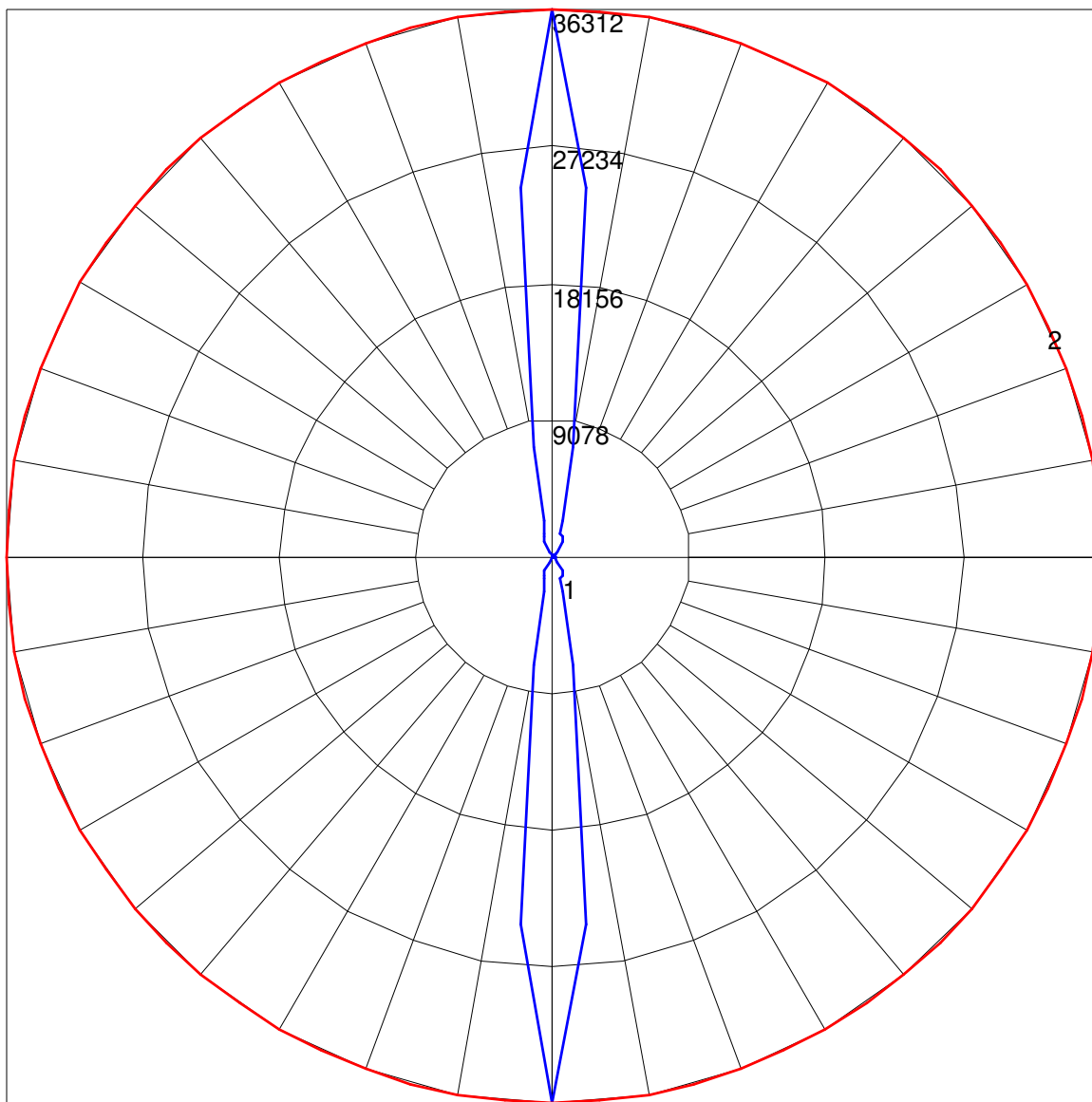
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1963.8	25.0
Downward House Side	1963.8	25.0
Downward Total	3927.6	50.0
Upward Street Side	1963.8	25.0
Upward House Side	1963.8	25.0
Upward Total	3927.6	50.0
Total Flux	7855.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-827U-L40-827D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 36312.089 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

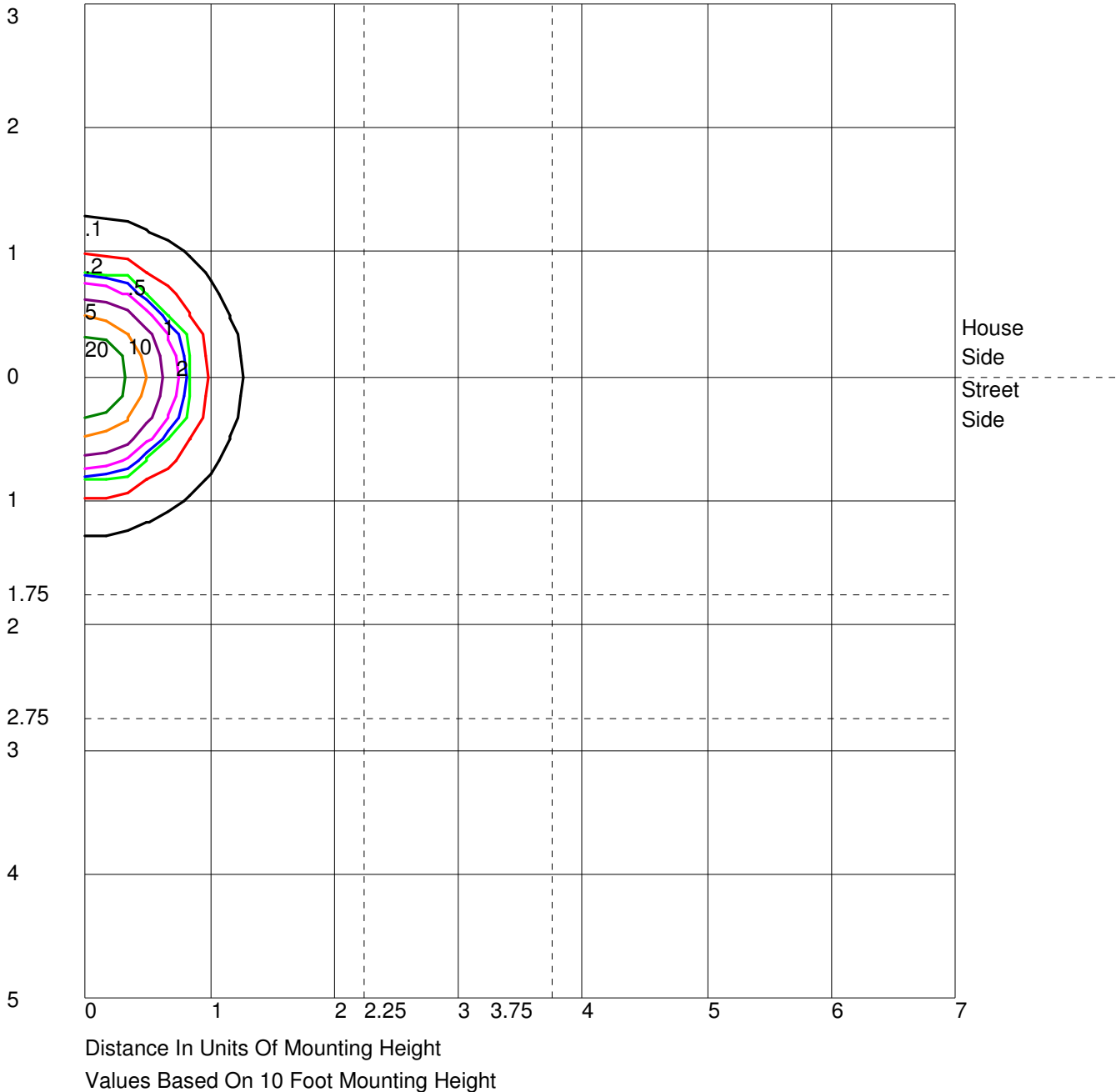


PHOTO LUMENS

