

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-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-L40-850U-L40-850D-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	7935
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	36682.621
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	36682.621
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.522 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6.256 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1760.2	N.A.	22.2
FM - Front-Medium (30-60)	204.3	N.A.	2.6
FH - Front-High (60-80)	18.1	N.A.	0.2
FVH - Front-Very High (80-90)	1.3	N.A.	0.0
BL - Back-Low (0-30)	1760.2	N.A.	22.2
BM - Back-Medium (30-60)	204.3	N.A.	2.6
BH - Back-High (60-80)	18.1	N.A.	0.2
BVH - Back-Very High (80-90)	1.3	N.A.	0.0
UL - Uplight-Low (90-100)	2.5	N.A.	0.0
UH - Uplight-High (100-180)	3965.2	N.A.	50.0
Total	7935.5	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	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621
5	24831.620	24841.283	24850.946	24860.598	24870.261	24885.420	24906.088	24926.744	24947.411	24968.067
10	7441.548	7456.434	7471.321	7486.207	7501.093	7546.702	7623.045	7699.388	7775.720	7852.063
15	2451.218	2454.542	2457.854	2461.178	2464.490	2479.792	2507.084	2534.363	2561.655	2588.935
20	1601.745	1600.974	1600.202	1599.430	1598.659	1600.938	1606.292	1611.634	1616.988	1622.330
25	1430.445	1429.400	1428.344	1427.299	1426.243	1425.839	1426.076	1426.326	1426.563	1426.801
30	1137.371	1135.804	1134.237	1132.658	1131.091	1128.480	1124.835	1121.191	1117.546	1113.902
35	459.044	460.089	461.133	462.166	463.211	463.662	463.507	463.353	463.199	463.045
40	82.991	83.881	84.772	85.662	86.552	87.644	88.962	90.280	91.597	92.915
45	47.639	47.663	47.686	47.722	47.746	47.769	47.781	47.805	47.817	47.841
50	44.113	44.042	43.971	43.911	43.840	43.745	43.626	43.508	43.389	43.270
55	42.605	42.451	42.297	42.142	41.988	41.786	41.561	41.323	41.098	40.860
60	34.533	34.462	34.391	34.308	34.236	34.094	33.880	33.655	33.441	33.227
65	24.146	24.086	24.027	23.968	23.908	23.873	23.861	23.849	23.837	23.825
70	16.596	16.596	16.584	16.584	16.572	16.572	16.584	16.584	16.596	16.596
75	11.373	11.361	11.337	11.325	11.313	11.301	11.301	11.289	11.289	11.289
80	6.209	6.209	6.209	6.197	6.197	6.197	6.197	6.209	6.209	6.209
85	1.306	1.306	1.306	1.282	1.282	1.282	1.282	1.270	1.270	1.270
90	0.475	0.475	0.475	0.499	0.499	0.499	0.499	0.522	0.522	0.522
95	1.306	1.306	1.306	1.282	1.282	1.282	1.282	1.270	1.270	1.270
100	6.209	6.209	6.209	6.197	6.197	6.197	6.197	6.209	6.209	6.209
105	11.373	11.361	11.337	11.325	11.313	11.301	11.301	11.289	11.289	11.289
110	16.596	16.596	16.584	16.584	16.572	16.572	16.584	16.584	16.596	16.596
115	24.146	24.086	24.027	23.968	23.908	23.873	23.861	23.849	23.837	23.825
120	34.533	34.462	34.391	34.308	34.236	34.094	33.880	33.655	33.441	33.227
125	42.605	42.451	42.297	42.142	41.988	41.786	41.561	41.323	41.098	40.860
130	44.113	44.042	43.971	43.911	43.840	43.745	43.626	43.508	43.389	43.270
135	47.639	47.663	47.686	47.722	47.746	47.769	47.781	47.805	47.817	47.841
140	82.991	83.881	84.772	85.662	86.552	87.644	88.962	90.280	91.597	92.915
145	459.044	460.089	461.133	462.166	463.211	463.662	463.507	463.353	463.199	463.045
150	1137.371	1135.804	1134.237	1132.658	1131.091	1128.480	1124.835	1121.191	1117.546	1113.902
155	1430.445	1429.400	1428.344	1427.299	1426.243	1425.839	1426.076	1426.326	1426.563	1426.801
160	1601.745	1600.974	1600.202	1599.430	1598.659	1600.938	1606.292	1611.634	1616.988	1622.330
165	2451.218	2454.542	2457.854	2461.178	2464.490	2479.792	2507.084	2534.363	2561.655	2588.935
170	7441.548	7456.434	7471.321	7486.207	7501.093	7546.702	7623.045	7699.388	7775.720	7852.063
175	24831.644	24841.307	24850.970	24860.621	24870.285	24885.444	24906.112	24926.767	24947.435	24968.091
180	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621
5	25030.556	25093.058	25155.547	25218.049	25251.276	25255.229	25259.182	25263.135	25267.088	25263.135
10	7912.285	7972.507	8032.729	8092.951	8138.073	8168.072	8198.070	8228.068	8258.067	8228.068
15	2600.260	2611.585	2622.910	2634.235	2650.415	2671.439	2692.463	2713.498	2734.522	2713.498
20	1627.517	1632.717	1637.905	1643.092	1647.532	1651.212	1654.880	1658.560	1662.240	1658.560
25	1427.928	1429.056	1430.184	1431.312	1433.330	1436.226	1439.123	1442.019	1444.916	1442.019
30	1114.923	1115.932	1116.953	1117.962	1119.648	1122.010	1124.372	1126.735	1129.097	1126.735
35	466.736	470.416	474.108	477.800	479.795	480.115	480.436	480.744	481.065	480.744
40	94.708	96.500	98.293	100.085	100.928	100.821	100.726	100.620	100.525	100.620
45	47.817	47.805	47.781	47.769	47.781	47.829	47.888	47.936	47.983	47.936
50	43.211	43.151	43.092	43.033	42.997	42.962	42.926	42.902	42.867	42.902
55	40.742	40.611	40.492	40.362	40.291	40.255	40.231	40.196	40.172	40.196

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CANDELA TABULATION - (Cont.)

60	33.168	33.109	33.049	32.990	33.014	33.120	33.227	33.334	33.441	33.334
65	23.802	23.778	23.754	23.730	23.742	23.778	23.813	23.861	23.897	23.861
70	16.584	16.572	16.560	16.548	16.548	16.560	16.572	16.584	16.596	16.584
75	11.266	11.254	11.230	11.218	11.206	11.218	11.230	11.230	11.242	11.230
80	6.209	6.220	6.209	6.220	6.220	6.232	6.244	6.244	6.256	6.244
85	1.270	1.270	1.258	1.258	1.258	1.258	1.258	1.258	1.258	1.258
90	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.522
95	1.270	1.270	1.258	1.258	1.258	1.258	1.258	1.258	1.258	1.258
100	6.209	6.220	6.209	6.220	6.220	6.232	6.244	6.244	6.256	6.244
105	11.266	11.254	11.230	11.218	11.206	11.218	11.230	11.230	11.242	11.230
110	16.584	16.572	16.560	16.548	16.548	16.560	16.572	16.584	16.596	16.584
115	23.802	23.778	23.754	23.730	23.742	23.778	23.813	23.861	23.897	23.861
120	33.168	33.109	33.049	32.990	33.014	33.120	33.227	33.334	33.441	33.334
125	40.742	40.611	40.492	40.362	40.291	40.255	40.231	40.196	40.172	40.196
130	43.211	43.151	43.092	43.033	42.997	42.962	42.926	42.902	42.867	42.902
135	47.817	47.805	47.781	47.769	47.781	47.829	47.888	47.936	47.983	47.936
140	94.708	96.500	98.293	100.085	100.928	100.821	100.726	100.620	100.525	100.620
145	466.736	470.416	474.108	477.800	479.795	480.115	480.436	480.744	481.065	480.744
150	1114.923	1115.932	1116.953	1117.962	1119.648	1122.010	1124.372	1126.735	1129.097	1126.735
155	1427.928	1429.056	1430.184	1431.312	1433.330	1436.226	1439.123	1442.019	1444.916	1442.019
160	1627.517	1632.717	1637.905	1643.092	1647.532	1651.212	1654.880	1658.560	1662.240	1658.560
165	2600.260	2611.585	2622.910	2634.235	2650.415	2671.439	2692.463	2713.498	2734.522	2713.498
170	7912.285	7972.507	8032.729	8092.951	8138.073	8168.072	8198.070	8228.068	8258.067	8228.068
175	25030.580	25093.082	25155.571	25218.072	25251.288	25255.253	25259.206	25263.159	25267.112	25263.159
180	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621
5	25259.182	25255.229	25251.276	25218.049	25155.547	25093.058	25030.556	24968.067	24947.411	24926.744
10	8198.070	8168.072	8138.073	8092.951	8032.729	7972.507	7912.285	7852.063	7775.720	7699.388
15	2692.463	2671.439	2650.415	2634.235	2622.910	2611.585	2600.260	2588.935	2561.655	2534.363
20	1654.880	1651.212	1647.532	1643.092	1637.905	1632.717	1627.517	1622.330	1616.988	1611.634
25	1439.123	1436.226	1433.330	1431.312	1430.184	1429.056	1427.928	1426.801	1426.563	1426.326
30	1124.372	1122.010	1119.648	1117.962	1116.953	1115.932	1114.923	1113.902	1117.546	1121.191
35	480.436	480.115	479.795	477.800	474.108	470.416	466.736	463.045	463.199	463.353
40	100.726	100.821	100.928	100.085	98.293	96.500	94.708	92.915	91.597	90.280
45	47.888	47.829	47.781	47.769	47.781	47.805	47.817	47.841	47.817	47.805
50	42.926	42.962	42.997	43.033	43.092	43.151	43.211	43.270	43.389	43.508
55	40.231	40.255	40.291	40.362	40.492	40.611	40.742	40.860	41.098	41.323
60	33.227	33.120	33.014	32.990	33.049	33.109	33.168	33.227	33.441	33.655
65	23.813	23.778	23.742	23.730	23.754	23.778	23.802	23.825	23.837	23.849
70	16.572	16.560	16.548	16.548	16.560	16.572	16.584	16.596	16.596	16.584
75	11.230	11.218	11.206	11.218	11.230	11.254	11.266	11.289	11.289	11.289
80	6.244	6.232	6.220	6.220	6.209	6.220	6.209	6.209	6.209	6.209
85	1.258	1.258	1.258	1.258	1.258	1.270	1.270	1.270	1.270	1.270
90	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.522
95	1.258	1.258	1.258	1.258	1.258	1.270	1.270	1.270	1.270	1.270
100	6.244	6.232	6.220	6.220	6.209	6.220	6.209	6.209	6.209	6.209
105	11.230	11.218	11.206	11.218	11.230	11.254	11.266	11.289	11.289	11.289
110	16.572	16.560	16.548	16.548	16.560	16.572	16.584	16.596	16.596	16.584
115	23.813	23.778	23.742	23.730	23.754	23.778	23.802	23.825	23.837	23.849
120	33.227	33.120	33.014	32.990	33.049	33.109	33.168	33.227	33.441	33.655
125	40.231	40.255	40.291	40.362	40.492	40.611	40.742	40.860	41.098	41.323
130	42.926	42.962	42.997	43.033	43.092	43.151	43.211	43.270	43.389	43.508

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CANDELA TABULATION - (Cont.)

135	47.888	47.829	47.781	47.769	47.781	47.805	47.817	47.841	47.817	47.805
140	100.726	100.821	100.928	100.085	98.293	96.500	94.708	92.915	91.597	90.280
145	480.436	480.115	479.795	477.800	474.108	470.416	466.736	463.045	463.199	463.353
150	1124.372	1122.010	1119.648	1117.962	1116.953	1115.932	1114.923	1113.902	1117.546	1121.191
155	1439.123	1436.226	1433.330	1431.312	1430.184	1429.056	1427.928	1426.801	1426.563	1426.326
160	1654.880	1651.212	1647.532	1643.092	1637.905	1632.717	1627.517	1622.330	1616.988	1611.634
165	2692.463	2671.439	2650.415	2634.235	2622.910	2611.585	2600.260	2588.935	2561.655	2534.363
170	8198.070	8168.072	8138.073	8092.951	8032.729	7972.507	7912.285	7852.063	7775.720	7699.388
175	25259.206	25255.24	25251.288	25218.072	25155.571	25093.082	25030.580	24968.091	24947.423	24926.767
180	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731

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	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621
5	24906.088	24885.420	24870.261	24860.598	24850.946	24841.283	24831.620	24841.283	24850.946	24860.598
10	7623.045	7546.702	7501.093	7486.207	7471.321	7456.434	7441.548	7456.434	7471.321	7486.207
15	2507.084	2479.792	2464.490	2461.178	2457.854	2454.542	2451.218	2454.542	2457.854	2461.178
20	1606.292	1600.938	1598.659	1599.430	1600.202	1600.974	1601.745	1600.974	1600.202	1599.430
25	1426.076	1425.839	1426.243	1427.299	1428.344	1429.400	1430.445	1429.400	1428.344	1427.299
30	1124.835	1128.480	1131.091	1132.658	1134.237	1135.804	1137.371	1135.804	1134.237	1132.658
35	463.507	463.662	463.211	462.166	461.133	460.089	459.044	460.089	461.133	462.166
40	88.962	87.644	86.552	85.662	84.772	83.881	82.991	83.881	84.772	85.662
45	47.781	47.769	47.746	47.722	47.686	47.663	47.639	47.663	47.686	47.722
50	43.626	43.745	43.840	43.911	43.971	44.042	44.113	44.042	43.971	43.911
55	41.561	41.786	41.988	42.142	42.297	42.451	42.605	42.451	42.297	42.142
60	33.880	34.094	34.236	34.308	34.391	34.462	34.533	34.462	34.391	34.308
65	23.861	23.873	23.908	23.968	24.027	24.086	24.146	24.086	24.027	23.968
70	16.584	16.572	16.572	16.584	16.584	16.596	16.596	16.596	16.584	16.584
75	11.301	11.301	11.313	11.325	11.337	11.361	11.373	11.361	11.337	11.325
80	6.197	6.197	6.197	6.197	6.209	6.209	6.209	6.209	6.209	6.197
85	1.282	1.282	1.282	1.282	1.306	1.306	1.306	1.306	1.306	1.282
90	0.499	0.499	0.499	0.499	0.475	0.475	0.475	0.475	0.475	0.499
95	1.282	1.282	1.282	1.282	1.306	1.306	1.306	1.306	1.306	1.282
100	6.197	6.197	6.197	6.197	6.209	6.209	6.209	6.209	6.209	6.197
105	11.301	11.301	11.313	11.325	11.337	11.361	11.373	11.361	11.337	11.325
110	16.584	16.572	16.572	16.584	16.584	16.596	16.596	16.596	16.584	16.584
115	23.861	23.873	23.908	23.968	24.027	24.086	24.146	24.086	24.027	23.968
120	33.880	34.094	34.236	34.308	34.391	34.462	34.533	34.462	34.391	34.308
125	41.561	41.786	41.988	42.142	42.297	42.451	42.605	42.451	42.297	42.142
130	43.626	43.745	43.840	43.911	43.971	44.042	44.113	44.042	43.971	43.911
135	47.781	47.769	47.746	47.722	47.686	47.663	47.639	47.663	47.686	47.722
140	88.962	87.644	86.552	85.662	84.772	83.881	82.991	83.881	84.772	85.662
145	463.507	463.662	463.211	462.166	461.133	460.089	459.044	460.089	461.133	462.166
150	1124.835	1128.480	1131.091	1132.658	1134.237	1135.804	1137.371	1135.804	1134.237	1132.658
155	1426.076	1425.839	1426.243	1427.299	1428.344	1429.400	1430.445	1429.400	1428.344	1427.299
160	1606.292	1600.938	1598.659	1599.430	1600.202	1600.974	1601.745	1600.974	1600.202	1599.430
165	2507.084	2479.792	2464.490	2461.178	2457.854	2454.542	2451.218	2454.542	2457.854	2461.178
170	7623.045	7546.702	7501.093	7486.207	7471.321	7456.434	7441.548	7456.434	7471.321	7486.207
175	24906.112	24885.444	24870.285	24860.621	24850.958	24841.307	24831.644	24841.307	24850.958	24860.621
180	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731

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	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	24870.261	24885.420	24906.088	24926.744	24947.411	24968.067	25030.556	25093.058	25155.547	25218.049
10	7501.093	7546.702	7623.045	7699.388	7775.720	7852.063	7912.285	7972.507	8032.729	8092.951
15	2464.490	2479.792	2507.084	2534.363	2561.655	2588.935	2600.260	2611.585	2622.910	2634.235
20	1598.659	1600.938	1606.292	1611.634	1616.988	1622.330	1627.517	1632.717	1637.905	1643.092
25	1426.243	1425.839	1426.076	1426.326	1426.563	1426.801	1427.928	1429.056	1430.184	1431.312
30	1131.091	1128.480	1124.835	1121.191	1117.546	1113.902	1114.923	1115.932	1116.953	1117.962
35	463.211	463.662	463.507	463.353	463.199	463.045	466.736	470.416	474.108	477.800
40	86.552	87.644	88.962	90.280	91.597	92.915	94.708	96.500	98.293	100.085
45	47.746	47.769	47.781	47.805	47.817	47.841	47.817	47.805	47.781	47.769
50	43.840	43.745	43.626	43.508	43.389	43.270	43.211	43.151	43.092	43.033
55	41.988	41.786	41.561	41.323	41.098	40.860	40.742	40.611	40.492	40.362
60	34.236	34.094	33.880	33.655	33.441	33.227	33.168	33.109	33.049	32.990
65	23.908	23.873	23.861	23.849	23.837	23.825	23.802	23.778	23.754	23.730
70	16.572	16.572	16.584	16.584	16.596	16.596	16.584	16.572	16.560	16.548
75	11.313	11.301	11.301	11.289	11.289	11.289	11.266	11.254	11.230	11.218
80	6.197	6.197	6.197	6.209	6.209	6.209	6.209	6.220	6.209	6.220
85	1.282	1.282	1.282	1.270	1.270	1.270	1.270	1.270	1.258	1.258
90	0.499	0.499	0.499	0.522	0.522	0.522	0.522	0.522	0.522	0.522
95	1.282	1.282	1.282	1.270	1.270	1.270	1.270	1.270	1.258	1.258
100	6.197	6.197	6.197	6.209	6.209	6.209	6.209	6.220	6.209	6.220
105	11.313	11.301	11.301	11.289	11.289	11.289	11.266	11.254	11.230	11.218
110	16.572	16.572	16.584	16.584	16.596	16.596	16.584	16.572	16.560	16.548
115	23.908	23.873	23.861	23.849	23.837	23.825	23.802	23.778	23.754	23.730
120	34.236	34.094	33.880	33.655	33.441	33.227	33.168	33.109	33.049	32.990
125	41.988	41.786	41.561	41.323	41.098	40.860	40.742	40.611	40.492	40.362
130	43.840	43.745	43.626	43.508	43.389	43.270	43.211	43.151	43.092	43.033
135	47.746	47.769	47.781	47.805	47.817	47.841	47.817	47.805	47.781	47.769
140	86.552	87.644	88.962	90.280	91.597	92.915	94.708	96.500	98.293	100.085
145	463.211	463.662	463.507	463.353	463.199	463.045	466.736	470.416	474.108	477.800
150	1131.091	1128.480	1124.835	1121.191	1117.546	1113.902	1114.923	1115.932	1116.953	1117.962
155	1426.243	1425.839	1426.076	1426.326	1426.563	1426.801	1427.928	1429.056	1430.184	1431.312
160	1598.659	1600.938	1606.292	1611.634	1616.988	1622.330	1627.517	1632.717	1637.905	1643.092
165	2464.490	2479.792	2507.084	2534.363	2561.655	2588.935	2600.260	2611.585	2622.910	2634.235
170	7501.093	7546.702	7623.045	7699.388	7775.720	7852.063	7912.285	7972.507	8032.729	8092.951
175	24870.285	24885.444	24906.112	24926.767	24947.423	24968.091	25030.580	25093.082	25155.571	25218.072
180	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731

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	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621
5	25251.276	25255.229	25259.182	25263.135	25267.088	25263.135	25259.182	25255.229	25251.276	25218.049
10	8138.073	8168.072	8198.070	8228.068	8258.067	8228.068	8198.070	8168.072	8138.073	8092.951
15	2650.415	2671.439	2692.463	2713.498	2734.522	2713.498	2692.463	2671.439	2650.415	2634.235
20	1647.532	1651.212	1654.880	1658.560	1662.240	1658.560	1654.880	1651.212	1647.532	1643.092
25	1433.330	1436.226	1439.123	1442.019	1444.916	1442.019	1439.123	1436.226	1433.330	1431.312
30	1119.648	1122.010	1124.372	1126.735	1129.097	1126.735	1124.372	1122.010	1119.648	1117.962
35	479.795	480.115	480.436	480.744	481.065	480.744	480.436	480.115	479.795	477.800
40	100.928	100.821	100.726	100.620	100.525	100.620	100.726	100.821	100.928	100.085
45	47.781	47.829	47.888	47.936	47.983	47.936	47.888	47.829	47.781	47.769
50	42.997	42.962	42.926	42.902	42.867	42.902	42.926	42.962	42.997	43.033
55	40.291	40.255	40.231	40.196	40.172	40.196	40.231	40.255	40.291	40.362
60	33.014	33.120	33.227	33.334	33.441	33.334	33.227	33.120	33.014	32.990
65	23.742	23.778	23.813	23.861	23.897	23.861	23.813	23.778	23.742	23.730
70	16.548	16.560	16.572	16.584	16.596	16.584	16.572	16.560	16.548	16.548
75	11.206	11.218	11.230	11.230	11.242	11.230	11.230	11.218	11.206	11.218

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	6.220	6.232	6.244	6.244	6.256	6.244	6.244	6.232	6.220	6.220
85	1.258	1.258	1.258	1.258	1.258	1.258	1.258	1.258	1.258	1.258
90	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.522	0.522
95	1.258	1.258	1.258	1.258	1.258	1.258	1.258	1.258	1.258	1.258
100	6.220	6.232	6.244	6.244	6.256	6.244	6.244	6.232	6.220	6.220
105	11.206	11.218	11.230	11.230	11.242	11.230	11.230	11.218	11.206	11.218
110	16.548	16.560	16.572	16.584	16.596	16.584	16.572	16.560	16.548	16.548
115	23.742	23.778	23.813	23.861	23.897	23.861	23.813	23.778	23.742	23.730
120	33.014	33.120	33.227	33.334	33.441	33.334	33.227	33.120	33.014	32.990
125	40.291	40.255	40.231	40.196	40.172	40.196	40.231	40.255	40.291	40.362
130	42.997	42.962	42.926	42.902	42.867	42.902	42.926	42.962	42.997	43.033
135	47.781	47.829	47.888	47.936	47.983	47.936	47.888	47.829	47.781	47.769
140	100.928	100.821	100.726	100.620	100.525	100.620	100.726	100.821	100.928	100.085
145	479.795	480.115	480.436	480.744	481.065	480.744	480.436	480.115	479.795	477.800
150	1119.648	1122.010	1124.372	1126.735	1129.097	1126.735	1124.372	1122.010	1119.648	1117.962
155	1433.330	1436.226	1439.123	1442.019	1444.916	1442.019	1439.123	1436.226	1433.330	1431.312
160	1647.532	1651.212	1654.880	1658.560	1662.240	1658.560	1654.880	1651.212	1647.532	1643.092
165	2650.415	2671.439	2692.463	2713.498	2734.522	2713.498	2692.463	2671.439	2650.415	2634.235
170	8138.073	8168.072	8198.070	8228.068	8258.067	8228.068	8198.070	8168.072	8138.073	8092.951
175	25251.288	25255.241	25259.206	25263.159	25267.112	25263.159	25259.206	25255.241	25251.288	25218.072
180	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731

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	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621	36682.621
5	25155.547	25093.058	25030.556	24968.067	24947.411	24926.744	24906.088	24885.420	24870.261	24860.598
10	8032.729	7972.507	7912.285	7852.063	7775.720	7699.388	7623.045	7546.702	7501.093	7486.207
15	2622.910	2611.585	2600.260	2588.935	2561.655	2534.363	2507.084	2479.792	2464.490	2461.178
20	1637.905	1632.717	1627.517	1622.330	1616.988	1611.634	1606.292	1600.938	1598.659	1599.430
25	1430.184	1429.056	1427.928	1426.801	1426.563	1426.326	1426.076	1425.839	1426.243	1427.299
30	1116.953	1115.932	1114.923	1113.902	1117.546	1121.191	1124.835	1128.480	1131.091	1132.658
35	474.108	470.416	466.736	463.045	463.199	463.353	463.507	463.662	463.211	462.166
40	98.293	96.500	94.708	92.915	91.597	90.280	88.962	87.644	86.552	85.662
45	47.781	47.805	47.817	47.841	47.817	47.805	47.781	47.769	47.746	47.722
50	43.092	43.151	43.211	43.270	43.389	43.508	43.626	43.745	43.840	43.911
55	40.492	40.611	40.742	40.860	41.098	41.323	41.561	41.786	41.988	42.142
60	33.049	33.109	33.168	33.227	33.441	33.655	33.880	34.094	34.236	34.308
65	23.754	23.778	23.802	23.825	23.837	23.849	23.861	23.873	23.908	23.968
70	16.560	16.572	16.584	16.596	16.596	16.584	16.584	16.572	16.572	16.584
75	11.230	11.254	11.266	11.289	11.289	11.289	11.301	11.301	11.313	11.325
80	6.209	6.220	6.209	6.209	6.209	6.209	6.197	6.197	6.197	6.197
85	1.258	1.270	1.270	1.270	1.270	1.270	1.282	1.282	1.282	1.282
90	0.522	0.522	0.522	0.522	0.522	0.522	0.499	0.499	0.499	0.499
95	1.258	1.270	1.270	1.270	1.270	1.270	1.282	1.282	1.282	1.282
100	6.209	6.220	6.209	6.209	6.209	6.209	6.197	6.197	6.197	6.197
105	11.230	11.254	11.266	11.289	11.289	11.289	11.301	11.301	11.313	11.325
110	16.560	16.572	16.584	16.596	16.596	16.584	16.584	16.572	16.572	16.584
115	23.754	23.778	23.802	23.825	23.837	23.849	23.861	23.873	23.908	23.968
120	33.049	33.109	33.168	33.227	33.441	33.655	33.880	34.094	34.236	34.308
125	40.492	40.611	40.742	40.860	41.098	41.323	41.561	41.786	41.988	42.142
130	43.092	43.151	43.211	43.270	43.389	43.508	43.626	43.745	43.840	43.911
135	47.781	47.805	47.817	47.841	47.817	47.805	47.781	47.769	47.746	47.722
140	98.293	96.500	94.708	92.915	91.597	90.280	88.962	87.644	86.552	85.662
145	474.108	470.416	466.736	463.045	463.199	463.353	463.507	463.662	463.211	462.166
150	1116.953	1115.932	1114.923	1113.902	1117.546	1121.191	1124.835	1128.480	1131.091	1132.658

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

155	1430.184	1429.056	1427.928	1426.801	1426.563	1426.326	1426.076	1425.839	1426.243	1427.299
160	1637.905	1632.717	1627.517	1622.330	1616.988	1611.634	1606.292	1600.938	1598.659	1599.430
165	2622.910	2611.585	2600.260	2588.935	2561.655	2534.363	2507.084	2479.792	2464.490	2461.178
170	8032.729	7972.507	7912.285	7852.063	7775.720	7699.388	7623.045	7546.702	7501.093	7486.207
175	25155.571	25093.082	25030.580	24968.091	24947.435	24926.767	24906.112	24885.444	24870.285	24860.621
180	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731	36681.731

Vert. Horizontal Angles

	350	355	360
0	36682.621	36682.621	36682.621
5	24850.946	24841.283	24831.620
10	7471.321	7456.434	7441.548
15	2457.854	2454.542	2451.218
20	1600.202	1600.974	1601.745
25	1428.344	1429.400	1430.445
30	1134.237	1135.804	1137.371
35	461.133	460.089	459.044
40	84.772	83.881	82.991
45	47.686	47.663	47.639
50	43.971	44.042	44.113
55	42.297	42.451	42.605
60	34.391	34.462	34.533
65	24.027	24.086	24.146
70	16.584	16.596	16.596
75	11.337	11.361	11.373
80	6.209	6.209	6.209
85	1.306	1.306	1.306
90	0.475	0.475	0.475
95	1.306	1.306	1.306
100	6.209	6.209	6.209
105	11.337	11.361	11.373
110	16.584	16.596	16.596
115	24.027	24.086	24.146
120	34.391	34.462	34.533
125	42.297	42.451	42.605
130	43.971	44.042	44.113
135	47.686	47.663	47.639
140	84.772	83.881	82.991
145	461.133	460.089	459.044
150	1134.237	1135.804	1137.371
155	1428.344	1429.400	1430.445
160	1600.202	1600.974	1601.745
165	2457.854	2454.542	2451.218
170	7471.321	7456.434	7441.548
175	24850.970	24841.307	24831.644
180	36681.731	36681.731	36681.731

COEFFICIENTS OF UTILIZATION



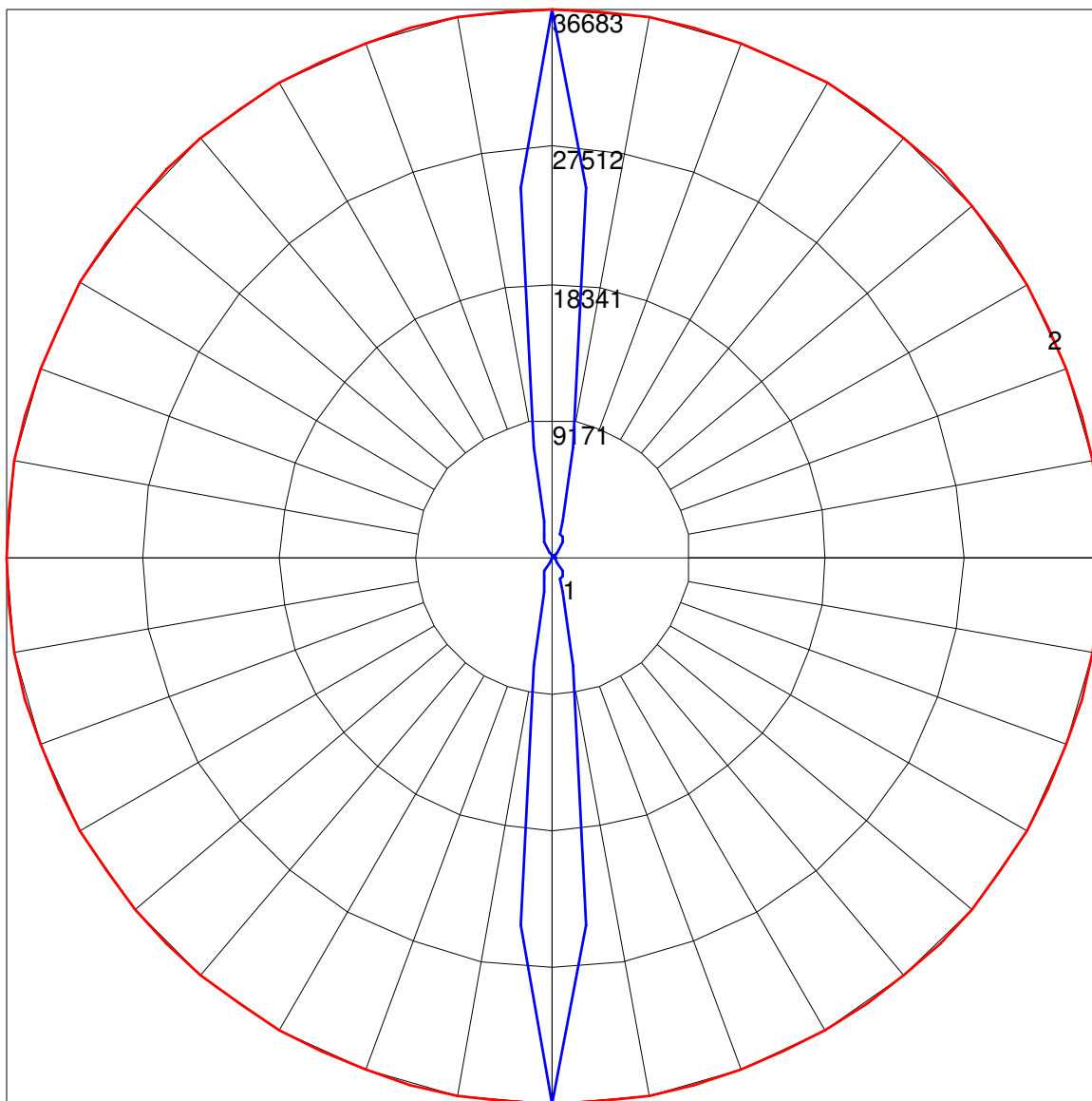
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1983.9	25.0
Downward House Side	1983.9	25.0
Downward Total	3967.8	50.0
Upward Street Side	1983.9	25.0
Upward House Side	1983.9	25.0
Upward Total	3967.8	50.0
Total Flux	7935.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-850U-L40-850D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 36682.621 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

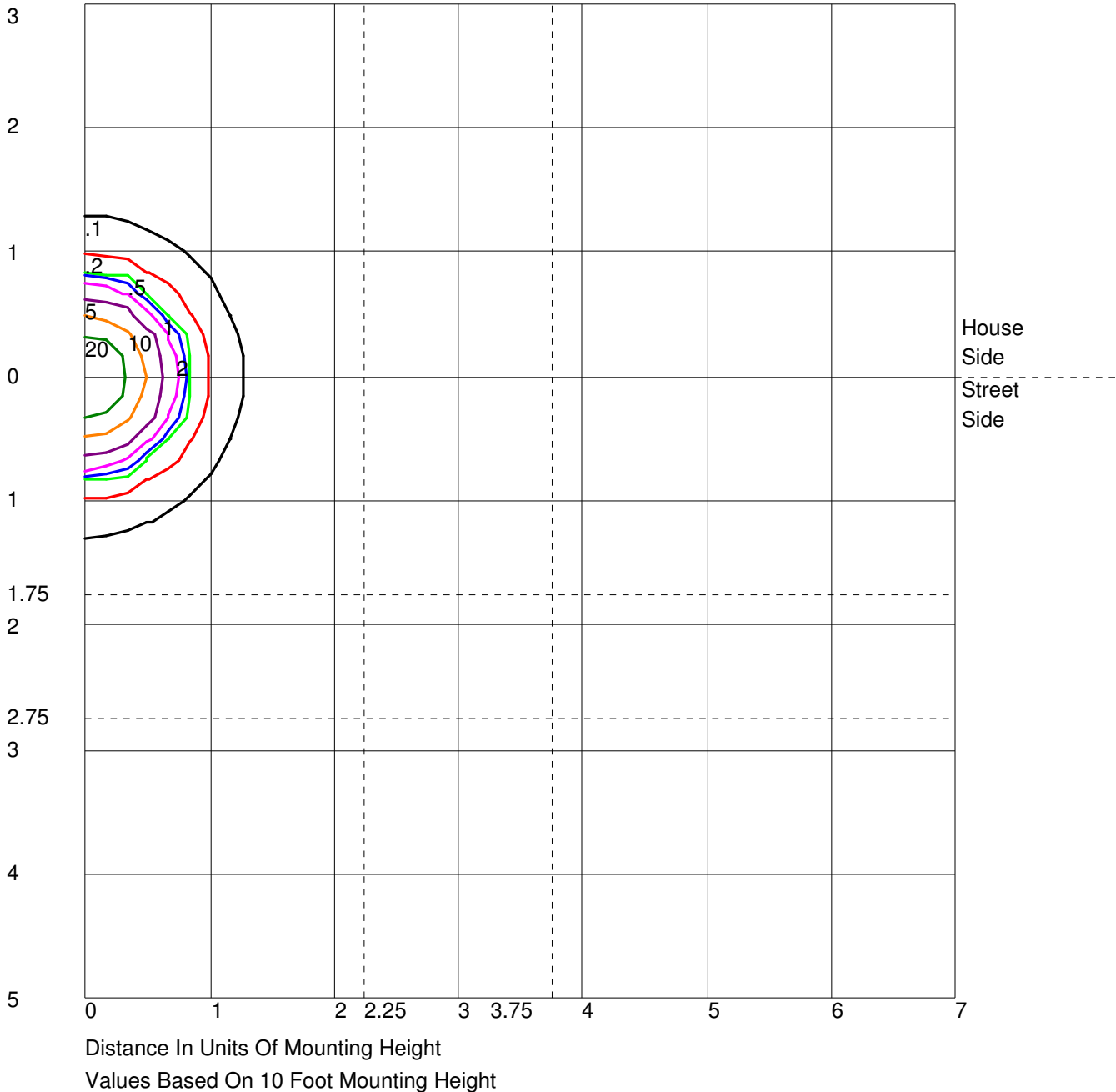


PHOTO LUMENS

