

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-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-L40-840U-L40-840D-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	8096
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	37423.714
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	37423.714
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.533 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	6.382 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1795.8	N.A.	22.2
FM - Front-Medium (30-60)	208.4	N.A.	2.6
FH - Front-High (60-80)	18.4	N.A.	0.2
FVH - Front-Very High (80-90)	1.3	N.A.	0.0
BL - Back-Low (0-30)	1795.8	N.A.	22.2
BM - Back-Medium (30-60)	208.4	N.A.	2.6
BH - Back-High (60-80)	18.4	N.A.	0.2
BVH - Back-Very High (80-90)	1.3	N.A.	0.0
UL - Uplight-Low (90-100)	2.6	N.A.	0.0
UH - Uplight-High (100-180)	4045.3	N.A.	50.0
Total	8095.7	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	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714
5	25333.289	25343.148	25353.006	25362.852	25372.710	25388.176	25409.261	25430.334	25451.419	25472.492
10	7591.888	7607.075	7622.262	7637.450	7652.637	7699.167	7777.052	7854.938	7932.811	8010.697
15	2500.740	2504.131	2507.510	2510.901	2514.280	2529.891	2557.734	2585.565	2613.408	2641.239
20	1634.105	1633.318	1632.531	1631.743	1630.956	1633.281	1638.743	1644.193	1649.655	1655.105
25	1459.344	1458.278	1457.200	1456.135	1455.057	1454.645	1454.887	1455.142	1455.384	1455.626
30	1160.349	1158.751	1157.152	1155.541	1153.942	1151.278	1147.560	1143.842	1140.124	1136.406
35	468.318	469.384	470.449	471.503	472.569	473.029	472.872	472.714	472.557	472.399
40	84.668	85.576	86.484	87.393	88.301	89.415	90.759	92.104	93.448	94.792
45	48.601	48.625	48.650	48.686	48.710	48.734	48.747	48.771	48.783	48.807
50	45.004	44.932	44.859	44.798	44.726	44.629	44.508	44.387	44.265	44.144
55	43.466	43.309	43.151	42.994	42.836	42.631	42.400	42.158	41.928	41.686
60	35.231	35.158	35.085	35.001	34.928	34.783	34.565	34.335	34.117	33.899
65	24.634	24.573	24.513	24.452	24.391	24.355	24.343	24.331	24.319	24.307
70	16.931	16.931	16.919	16.919	16.907	16.907	16.919	16.919	16.931	16.931
75	11.602	11.590	11.566	11.554	11.542	11.530	11.530	11.518	11.518	11.518
80	6.334	6.334	6.334	6.322	6.322	6.322	6.322	6.334	6.334	6.334
85	1.332	1.332	1.332	1.308	1.308	1.308	1.308	1.296	1.296	1.296
90	0.484	0.484	0.484	0.509	0.509	0.509	0.509	0.533	0.533	0.533
95	1.332	1.332	1.332	1.308	1.308	1.308	1.308	1.296	1.296	1.296
100	6.334	6.334	6.334	6.322	6.322	6.322	6.322	6.334	6.334	6.334
105	11.602	11.590	11.566	11.554	11.542	11.530	11.530	11.518	11.518	11.518
110	16.931	16.931	16.919	16.919	16.907	16.907	16.919	16.919	16.931	16.931
115	24.634	24.573	24.513	24.452	24.391	24.355	24.343	24.331	24.319	24.307
120	35.231	35.158	35.085	35.001	34.928	34.783	34.565	34.335	34.117	33.899
125	43.466	43.309	43.151	42.994	42.836	42.631	42.400	42.158	41.928	41.686
130	45.004	44.932	44.859	44.798	44.726	44.629	44.508	44.387	44.265	44.144
135	48.601	48.625	48.650	48.686	48.710	48.734	48.747	48.771	48.783	48.807
140	84.668	85.576	86.484	87.393	88.301	89.415	90.759	92.104	93.448	94.792
145	468.318	469.384	470.449	471.503	472.569	473.029	472.872	472.714	472.557	472.399
150	1160.349	1158.751	1157.152	1155.541	1153.942	1151.278	1147.560	1143.842	1140.124	1136.406
155	1459.344	1458.278	1457.200	1456.135	1455.057	1454.645	1454.887	1455.142	1455.384	1455.626
160	1634.105	1633.318	1632.531	1631.743	1630.956	1633.281	1638.743	1644.193	1649.655	1655.105
165	2500.740	2504.131	2507.510	2510.901	2514.280	2529.891	2557.734	2585.565	2613.408	2641.239
170	7591.888	7607.075	7622.262	7637.450	7652.637	7699.167	7777.052	7854.938	7932.811	8010.697
175	25333.314	25343.172	25353.030	25362.876	25372.735	25388.200	25409.285	25430.358	25451.444	25472.517
180	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714
5	25536.244	25600.009	25663.761	25727.525	25761.423	25765.456	25769.489	25773.522	25777.555	25773.522
10	8072.135	8133.574	8195.013	8256.452	8302.486	8333.090	8363.694	8394.299	8424.903	8394.299
15	2652.792	2664.346	2675.900	2687.454	2703.961	2725.410	2746.858	2768.319	2789.767	2768.319
20	1660.398	1665.702	1670.995	1676.287	1680.817	1684.571	1688.314	1692.068	1695.822	1692.068
25	1456.777	1457.927	1459.078	1460.228	1462.287	1465.242	1468.197	1471.152	1474.107	1471.152
30	1137.447	1138.477	1139.518	1140.548	1142.268	1144.678	1147.088	1149.498	1151.908	1149.498
35	476.166	479.920	483.687	487.453	489.488	489.815	490.142	490.457	490.784	490.457
40	96.621	98.450	100.279	102.107	102.967	102.858	102.761	102.652	102.555	102.652
45	48.783	48.771	48.747	48.734	48.747	48.795	48.856	48.904	48.952	48.904
50	44.084	44.023	43.963	43.902	43.866	43.829	43.793	43.769	43.733	43.769
55	41.565	41.432	41.310	41.177	41.105	41.068	41.044	41.008	40.983	41.008

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CANDELA TABULATION - (Cont.)

60	33.838	33.777	33.717	33.656	33.681	33.790	33.899	34.008	34.117	34.008
65	24.282	24.258	24.234	24.210	24.222	24.258	24.295	24.343	24.379	24.343
70	16.919	16.907	16.895	16.883	16.883	16.895	16.907	16.919	16.931	16.919
75	11.493	11.481	11.457	11.445	11.433	11.445	11.457	11.457	11.469	11.457
80	6.334	6.346	6.334	6.346	6.346	6.358	6.370	6.370	6.382	6.370
85	1.296	1.296	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284
90	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
95	1.296	1.296	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284
100	6.334	6.346	6.334	6.346	6.346	6.358	6.370	6.370	6.382	6.370
105	11.493	11.481	11.457	11.445	11.433	11.445	11.457	11.457	11.469	11.457
110	16.919	16.907	16.895	16.883	16.883	16.895	16.907	16.919	16.931	16.919
115	24.282	24.258	24.234	24.210	24.222	24.258	24.295	24.343	24.379	24.343
120	33.838	33.777	33.717	33.656	33.681	33.790	33.899	34.008	34.117	34.008
125	41.565	41.432	41.310	41.177	41.105	41.068	41.044	41.008	40.983	41.008
130	44.084	44.023	43.963	43.902	43.866	43.829	43.793	43.769	43.733	43.769
135	48.783	48.771	48.747	48.734	48.747	48.795	48.856	48.904	48.952	48.904
140	96.621	98.450	100.279	102.107	102.967	102.858	102.761	102.652	102.555	102.652
145	476.166	479.920	483.687	487.453	489.488	489.815	490.142	490.457	490.784	490.457
150	1137.447	1138.477	1139.518	1140.548	1142.268	1144.678	1147.088	1149.498	1151.908	1149.498
155	1456.777	1457.927	1459.078	1460.228	1462.287	1465.242	1468.197	1471.152	1474.107	1471.152
160	1660.398	1665.702	1670.995	1676.287	1680.817	1684.571	1688.314	1692.068	1695.822	1692.068
165	2652.792	2664.346	2675.900	2687.454	2703.961	2725.410	2746.858	2768.319	2789.767	2768.319
170	8072.135	8133.574	8195.013	8256.452	8302.486	8333.090	8363.694	8394.299	8424.903	8394.299
175	25536.26925600.03325663.78525727.54925761.43525765.48025769.51325773.54625777.57925773.546									
180	37422.80537422.80537422.80537422.80537422.80537422.80537422.80537422.80537422.80537422.805									

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	37423.71437423.71437423.71437423.71437423.71437423.71437423.71437423.71437423.71437423.714									
5	25769.48925765.45625761.42325727.52525663.76125600.00925536.24425472.49225451.41925430.334									
10	8363.694	8333.090	8302.486	8256.452	8195.013	8133.574	8072.135	8010.697	7932.811	7854.938
15	2746.858	2725.410	2703.961	2687.454	2675.900	2664.346	2652.792	2641.239	2613.408	2585.565
20	1688.314	1684.571	1680.817	1676.287	1670.995	1665.702	1660.398	1655.105	1649.655	1644.193
25	1468.197	1465.242	1462.287	1460.228	1459.078	1457.927	1456.777	1455.626	1455.384	1455.142
30	1147.088	1144.678	1142.268	1140.548	1139.518	1138.477	1137.447	1136.406	1140.124	1143.842
35	490.142	489.815	489.488	487.453	483.687	479.920	476.166	472.399	472.557	472.714
40	102.761	102.858	102.967	102.107	100.279	98.450	96.621	94.792	93.448	92.104
45	48.856	48.795	48.747	48.734	48.747	48.771	48.783	48.807	48.783	48.771
50	43.793	43.829	43.866	43.902	43.963	44.023	44.084	44.144	44.265	44.387
55	41.044	41.068	41.105	41.177	41.310	41.432	41.565	41.686	41.928	42.158
60	33.899	33.790	33.681	33.656	33.717	33.777	33.838	33.899	34.117	34.335
65	24.295	24.258	24.222	24.210	24.234	24.258	24.282	24.307	24.319	24.331
70	16.907	16.895	16.883	16.883	16.895	16.907	16.919	16.931	16.931	16.919
75	11.457	11.445	11.433	11.445	11.457	11.481	11.493	11.518	11.518	11.518
80	6.370	6.358	6.346	6.346	6.334	6.346	6.334	6.334	6.334	6.334
85	1.284	1.284	1.284	1.284	1.284	1.296	1.296	1.296	1.296	1.296
90	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
95	1.284	1.284	1.284	1.284	1.284	1.296	1.296	1.296	1.296	1.296
100	6.370	6.358	6.346	6.346	6.334	6.346	6.334	6.334	6.334	6.334
105	11.457	11.445	11.433	11.445	11.457	11.481	11.493	11.518	11.518	11.518
110	16.907	16.895	16.883	16.883	16.895	16.907	16.919	16.931	16.931	16.919
115	24.295	24.258	24.222	24.210	24.234	24.258	24.282	24.307	24.319	24.331
120	33.899	33.790	33.681	33.656	33.717	33.777	33.838	33.899	34.117	34.335
125	41.044	41.068	41.105	41.177	41.310	41.432	41.565	41.686	41.928	42.158
130	43.793	43.829	43.866	43.902	43.963	44.023	44.084	44.144	44.265	44.387

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CANDELA TABULATION - (Cont.)

135	48.856	48.795	48.747	48.734	48.747	48.771	48.783	48.807	48.783	48.771
140	102.761	102.858	102.967	102.107	100.279	98.450	96.621	94.792	93.448	92.104
145	490.142	489.815	489.488	487.453	483.687	479.920	476.166	472.399	472.557	472.714
150	1147.088	1144.678	1142.268	1140.548	1139.518	1138.477	1137.447	1136.406	1140.124	1143.842
155	1468.197	1465.242	1462.287	1460.228	1459.078	1457.927	1456.777	1455.626	1455.384	1455.142
160	1688.314	1684.571	1680.817	1676.287	1670.995	1665.702	1660.398	1655.105	1649.655	1644.193
165	2746.858	2725.410	2703.961	2687.454	2675.900	2664.346	2652.792	2641.239	2613.408	2585.565
170	8363.694	8333.090	8302.486	8256.452	8195.013	8133.574	8072.135	8010.697	7932.811	7854.938
175	25769.513	25765.468	25761.435	25727.549	25663.785	25600.033	25536.269	25472.517	25451.432	25430.358
180	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805

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	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714
5	25409.261	25388.176	25372.710	25362.852	25353.006	25343.148	25333.289	25343.148	25353.006	25362.852
10	7777.052	7699.167	7652.637	7637.450	7622.262	7607.075	7591.888	7607.075	7622.262	7637.450
15	2557.734	2529.891	2514.280	2510.901	2507.510	2504.131	2500.740	2504.131	2507.510	2510.901
20	1638.743	1633.281	1630.956	1631.743	1632.531	1633.318	1634.105	1633.318	1632.531	1631.743
25	1454.887	1454.645	1455.057	1456.135	1457.200	1458.278	1459.344	1458.278	1457.200	1456.135
30	1147.560	1151.278	1153.942	1155.541	1157.152	1158.751	1160.349	1158.751	1157.152	1155.541
35	472.872	473.029	472.569	471.503	470.449	469.384	468.318	469.384	470.449	471.503
40	90.759	89.415	88.301	87.393	86.484	85.576	84.668	85.576	86.484	87.393
45	48.747	48.734	48.710	48.686	48.650	48.625	48.601	48.625	48.650	48.686
50	44.508	44.629	44.726	44.798	44.859	44.932	45.004	44.932	44.859	44.798
55	42.400	42.631	42.836	42.994	43.151	43.309	43.466	43.309	43.151	42.994
60	34.565	34.783	34.928	35.001	35.085	35.158	35.231	35.158	35.085	35.001
65	24.343	24.355	24.391	24.452	24.513	24.573	24.634	24.573	24.513	24.452
70	16.919	16.907	16.907	16.919	16.919	16.931	16.931	16.931	16.919	16.919
75	11.530	11.530	11.542	11.554	11.566	11.590	11.602	11.590	11.566	11.554
80	6.322	6.322	6.322	6.322	6.334	6.334	6.334	6.334	6.334	6.322
85	1.308	1.308	1.308	1.308	1.332	1.332	1.332	1.332	1.332	1.308
90	0.509	0.509	0.509	0.509	0.484	0.484	0.484	0.484	0.484	0.509
95	1.308	1.308	1.308	1.308	1.332	1.332	1.332	1.332	1.332	1.308
100	6.322	6.322	6.322	6.322	6.334	6.334	6.334	6.334	6.334	6.322
105	11.530	11.530	11.542	11.554	11.566	11.590	11.602	11.590	11.566	11.554
110	16.919	16.907	16.907	16.919	16.919	16.931	16.931	16.931	16.919	16.919
115	24.343	24.355	24.391	24.452	24.513	24.573	24.634	24.573	24.513	24.452
120	34.565	34.783	34.928	35.001	35.085	35.158	35.231	35.158	35.085	35.001
125	42.400	42.631	42.836	42.994	43.151	43.309	43.466	43.309	43.151	42.994
130	44.508	44.629	44.726	44.798	44.859	44.932	45.004	44.932	44.859	44.798
135	48.747	48.734	48.710	48.686	48.650	48.625	48.601	48.625	48.650	48.686
140	90.759	89.415	88.301	87.393	86.484	85.576	84.668	85.576	86.484	87.393
145	472.872	473.029	472.569	471.503	470.449	469.384	468.318	469.384	470.449	471.503
150	1147.560	1151.278	1153.942	1155.541	1157.152	1158.751	1160.349	1158.751	1157.152	1155.541
155	1454.887	1454.645	1455.057	1456.135	1457.200	1458.278	1459.344	1458.278	1457.200	1456.135
160	1638.743	1633.281	1630.956	1631.743	1632.531	1633.318	1634.105	1633.318	1632.531	1631.743
165	2557.734	2529.891	2514.280	2510.901	2507.510	2504.131	2500.740	2504.131	2507.510	2510.901
170	7777.052	7699.167	7652.637	7637.450	7622.262	7607.075	7591.888	7607.075	7622.262	7637.450
175	25409.285	25388.200	25372.735	25362.876	25353.018	25343.172	25333.314	25343.172	25353.018	25362.876
180	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805

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	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	25372.71025388.17625409.26125430.33425451.41925472.49225536.24425600.00925663.76125727.525
10	7652.637 7699.167 7777.052 7854.938 7932.811 8010.697 8072.135 8133.574 8195.013 8256.452
15	2514.280 2529.891 2557.734 2585.565 2613.408 2641.239 2652.792 2664.346 2675.900 2687.454
20	1630.956 1633.281 1638.743 1644.193 1649.655 1655.105 1660.398 1665.702 1670.995 1676.287
25	1455.057 1454.645 1454.887 1455.142 1455.384 1455.626 1456.777 1457.927 1459.078 1460.228
30	1153.942 1151.278 1147.560 1143.842 1140.124 1136.406 1137.447 1138.477 1139.518 1140.548
35	472.569 473.029 472.872 472.714 472.557 472.399 476.166 479.920 483.687 487.453
40	88.301 89.415 90.759 92.104 93.448 94.792 96.621 98.450 100.279 102.107
45	48.710 48.734 48.747 48.771 48.783 48.807 48.783 48.771 48.747 48.734
50	44.726 44.629 44.508 44.387 44.265 44.144 44.084 44.023 43.963 43.902
55	42.836 42.631 42.400 42.158 41.928 41.686 41.565 41.432 41.310 41.177
60	34.928 34.783 34.565 34.335 34.117 33.899 33.838 33.777 33.717 33.656
65	24.391 24.355 24.343 24.331 24.319 24.307 24.282 24.258 24.234 24.210
70	16.907 16.907 16.919 16.919 16.931 16.931 16.919 16.907 16.895 16.883
75	11.542 11.530 11.530 11.518 11.518 11.518 11.493 11.481 11.457 11.445
80	6.322 6.322 6.322 6.334 6.334 6.334 6.334 6.346 6.334 6.346
85	1.308 1.308 1.308 1.296 1.296 1.296 1.296 1.296 1.284 1.284
90	0.509 0.509 0.509 0.533 0.533 0.533 0.533 0.533 0.533 0.533
95	1.308 1.308 1.308 1.296 1.296 1.296 1.296 1.296 1.284 1.284
100	6.322 6.322 6.322 6.334 6.334 6.334 6.334 6.346 6.334 6.346
105	11.542 11.530 11.530 11.518 11.518 11.518 11.493 11.481 11.457 11.445
110	16.907 16.907 16.919 16.919 16.931 16.931 16.919 16.907 16.895 16.883
115	24.391 24.355 24.343 24.331 24.319 24.307 24.282 24.258 24.234 24.210
120	34.928 34.783 34.565 34.335 34.117 33.899 33.838 33.777 33.717 33.656
125	42.836 42.631 42.400 42.158 41.928 41.686 41.565 41.432 41.310 41.177
130	44.726 44.629 44.508 44.387 44.265 44.144 44.084 44.023 43.963 43.902
135	48.710 48.734 48.747 48.771 48.783 48.807 48.783 48.771 48.747 48.734
140	88.301 89.415 90.759 92.104 93.448 94.792 96.621 98.450 100.279 102.107
145	472.569 473.029 472.872 472.714 472.557 472.399 476.166 479.920 483.687 487.453
150	1153.942 1151.278 1147.560 1143.842 1140.124 1136.406 1137.447 1138.477 1139.518 1140.548
155	1455.057 1454.645 1454.887 1455.142 1455.384 1455.626 1456.777 1457.927 1459.078 1460.228
160	1630.956 1633.281 1638.743 1644.193 1649.655 1655.105 1660.398 1665.702 1670.995 1676.287
165	2514.280 2529.891 2557.734 2585.565 2613.408 2641.239 2652.792 2664.346 2675.900 2687.454
170	7652.637 7699.167 7777.052 7854.938 7932.811 8010.697 8072.135 8133.574 8195.013 8256.452
175	25372.73525388.20025409.28525430.35825451.43225472.51725536.26925600.03325663.78525727.549
180	37422.80537422.80537422.80537422.80537422.80537422.80537422.80537422.80537422.80537422.805

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	37423.71437423.71437423.71437423.71437423.71437423.71437423.71437423.71437423.714									
5	25761.42325765.45625769.48925773.52225777.55525773.52225769.48925765.45625761.42325727.525									
10	8302.486 8333.090 8363.694 8394.299 8424.903 8394.299 8363.694 8333.090 8302.486 8256.452									
15	2703.961 2725.410 2746.858 2768.319 2789.767 2768.319 2746.858 2725.410 2703.961 2687.454									
20	1680.817 1684.571 1688.314 1692.068 1695.822 1692.068 1688.314 1684.571 1680.817 1676.287									
25	1462.287 1465.242 1468.197 1471.152 1474.107 1471.152 1468.197 1465.242 1462.287 1460.228									
30	1142.268 1144.678 1147.088 1149.498 1151.908 1149.498 1147.088 1144.678 1142.268 1140.548									
35	489.488 489.815 490.142 490.457 490.784 490.457 490.142 489.815 489.488 487.453									
40	102.967 102.858 102.761 102.652 102.555 102.652 102.761 102.858 102.967 102.107									
45	48.747 48.795 48.856 48.904 48.952 48.904 48.856 48.795 48.747 48.734									
50	43.866 43.829 43.793 43.769 43.733 43.769 43.793 43.829 43.866 43.902									
55	41.105 41.068 41.044 41.008 40.983 41.008 41.044 41.068 41.105 41.177									
60	33.681 33.790 33.899 34.008 34.117 34.008 33.899 33.790 33.681 33.656									
65	24.222 24.258 24.295 24.343 24.379 24.343 24.295 24.258 24.222 24.210									
70	16.883 16.895 16.907 16.919 16.931 16.919 16.907 16.895 16.883 16.883									
75	11.433 11.445 11.457 11.457 11.469 11.457 11.457 11.445 11.433 11.445									

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-S-XX .IES

80	6.346	6.358	6.370	6.370	6.382	6.370	6.370	6.358	6.346	6.346
85	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284
90	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533	0.533
95	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284	1.284
100	6.346	6.358	6.370	6.370	6.382	6.370	6.370	6.358	6.346	6.346
105	11.433	11.445	11.457	11.457	11.469	11.457	11.457	11.445	11.433	11.445
110	16.883	16.895	16.907	16.919	16.931	16.919	16.907	16.895	16.883	16.883
115	24.222	24.258	24.295	24.343	24.379	24.343	24.295	24.258	24.222	24.210
120	33.681	33.790	33.899	34.008	34.117	34.008	33.899	33.790	33.681	33.656
125	41.105	41.068	41.044	41.008	40.983	41.008	41.044	41.068	41.105	41.177
130	43.866	43.829	43.793	43.769	43.733	43.769	43.793	43.829	43.866	43.902
135	48.747	48.795	48.856	48.904	48.952	48.904	48.856	48.795	48.747	48.734
140	102.967	102.858	102.761	102.652	102.555	102.652	102.761	102.858	102.967	102.107
145	489.488	489.815	490.142	490.457	490.784	490.457	490.142	489.815	489.488	487.453
150	1142.268	1144.678	1147.088	1149.498	1151.908	1149.498	1147.088	1144.678	1142.268	1140.548
155	1462.287	1465.242	1468.197	1471.152	1474.107	1471.152	1468.197	1465.242	1462.287	1460.228
160	1680.817	1684.571	1688.314	1692.068	1695.822	1692.068	1688.314	1684.571	1680.817	1676.287
165	2703.961	2725.410	2746.858	2768.319	2789.767	2768.319	2746.858	2725.410	2703.961	2687.454
170	8302.486	8333.090	8363.694	8394.299	8424.903	8394.299	8363.694	8333.090	8302.486	8256.452
175	25761.43525765.46825769.51325773.54625777.57925773.54625769.51325765.48025761.43525727.549									
180	37422.80537422.80537422.80537422.80537422.80537422.80537422.80537422.80537422.80537422.805									

Vert. Angles	Horizontal Angles									
	300	305	310	315	320	325	330	335	340	345
0	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714	37423.714
5	25663.761	25600.009	25536.244	25472.492	25451.419	25430.334	25409.261	25388.176	25372.710	25362.852
10	8195.013	8133.574	8072.135	8010.697	7932.811	7854.938	7777.052	7699.167	7652.637	7637.450
15	2675.900	2664.346	2652.792	2641.239	2613.408	2585.565	2557.734	2529.891	2514.280	2510.901
20	1670.995	1665.702	1660.398	1655.105	1649.655	1644.193	1638.743	1633.281	1630.956	1631.743
25	1459.078	1457.927	1456.777	1455.626	1455.384	1455.142	1454.887	1454.645	1455.057	1456.135
30	1139.518	1138.477	1137.447	1136.406	1140.124	1143.842	1147.560	1151.278	1153.942	1155.541
35	483.687	479.920	476.166	472.399	472.557	472.714	472.872	473.029	472.569	471.503
40	100.279	98.450	96.621	94.792	93.448	92.104	90.759	89.415	88.301	87.393
45	48.747	48.771	48.783	48.807	48.783	48.771	48.747	48.734	48.710	48.686
50	43.963	44.023	44.084	44.144	44.265	44.387	44.508	44.629	44.726	44.798
55	41.310	41.432	41.565	41.686	41.928	42.158	42.400	42.631	42.836	42.994
60	33.717	33.777	33.838	33.899	34.117	34.335	34.565	34.783	34.928	35.001
65	24.234	24.258	24.282	24.307	24.319	24.331	24.343	24.355	24.391	24.452
70	16.895	16.907	16.919	16.931	16.931	16.919	16.919	16.907	16.907	16.919
75	11.457	11.481	11.493	11.518	11.518	11.518	11.530	11.530	11.542	11.554
80	6.334	6.346	6.334	6.334	6.334	6.334	6.322	6.322	6.322	6.322
85	1.284	1.296	1.296	1.296	1.296	1.296	1.308	1.308	1.308	1.308
90	0.533	0.533	0.533	0.533	0.533	0.533	0.509	0.509	0.509	0.509
95	1.284	1.296	1.296	1.296	1.296	1.296	1.308	1.308	1.308	1.308
100	6.334	6.346	6.334	6.334	6.334	6.334	6.322	6.322	6.322	6.322
105	11.457	11.481	11.493	11.518	11.518	11.518	11.530	11.530	11.542	11.554
110	16.895	16.907	16.919	16.931	16.931	16.919	16.919	16.907	16.907	16.919
115	24.234	24.258	24.282	24.307	24.319	24.331	24.343	24.355	24.391	24.452
120	33.717	33.777	33.838	33.899	34.117	34.335	34.565	34.783	34.928	35.001
125	41.310	41.432	41.565	41.686	41.928	42.158	42.400	42.631	42.836	42.994
130	43.963	44.023	44.084	44.144	44.265	44.387	44.508	44.629	44.726	44.798
135	48.747	48.771	48.783	48.807	48.783	48.771	48.747	48.734	48.710	48.686
140	100.279	98.450	96.621	94.792	93.448	92.104	90.759	89.415	88.301	87.393
145	483.687	479.920	476.166	472.399	472.557	472.714	472.872	473.029	472.569	471.503
150	1139.518	1138.477	1137.447	1136.406	1140.124	1143.842	1147.560	1151.278	1153.942	1155.541

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

155	1459.078	1457.927	1456.777	1455.626	1455.384	1455.142	1454.887	1454.645	1455.057	1456.135
160	1670.995	1665.702	1660.398	1655.105	1649.655	1644.193	1638.743	1633.281	1630.956	1631.743
165	2675.900	2664.346	2652.792	2641.239	2613.408	2585.565	2557.734	2529.891	2514.280	2510.901
170	8195.013	8133.574	8072.135	8010.697	7932.811	7854.938	7777.052	7699.167	7652.637	7637.450
175	25663.785	25600.033	25536.269	25472.517	25451.444	25430.358	25409.285	25388.200	25372.735	25362.876
180	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805	37422.805

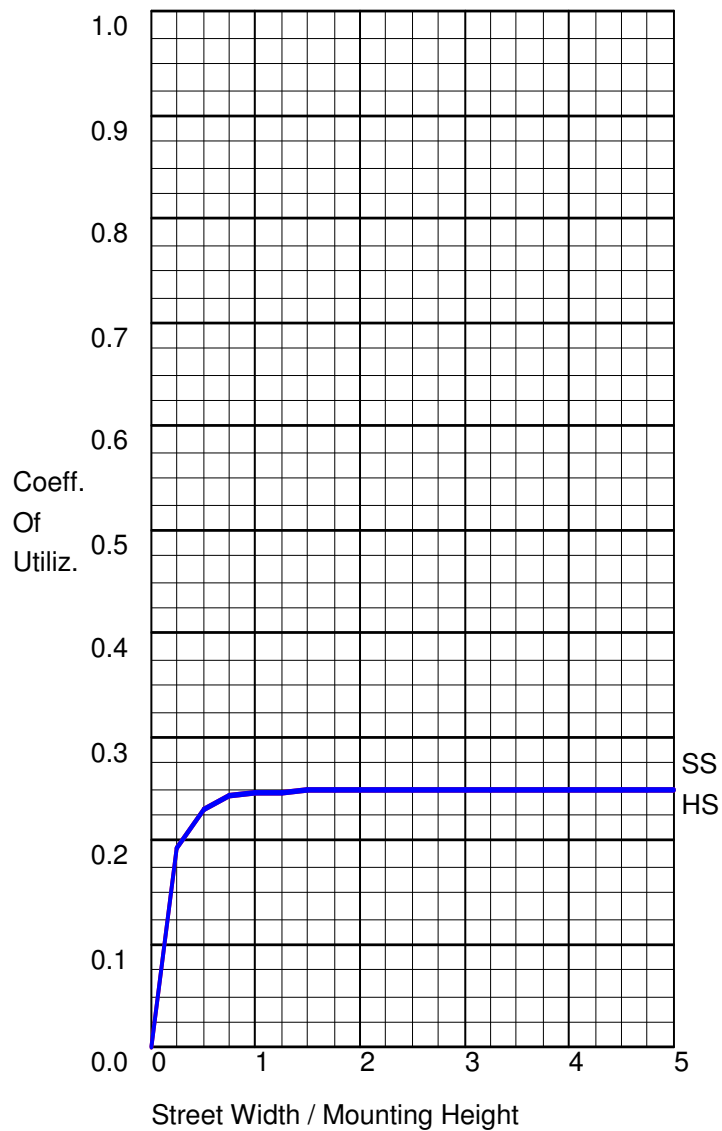
Vert. Horizontal Angles

	350	355	360
0	37423.714	37423.714	37423.714
5	25353.006	25343.148	25333.289
10	7622.262	7607.075	7591.888
15	2507.510	2504.131	2500.740
20	1632.531	1633.318	1634.105
25	1457.200	1458.278	1459.344
30	1157.152	1158.751	1160.349
35	470.449	469.384	468.318
40	86.484	85.576	84.668
45	48.650	48.625	48.601
50	44.859	44.932	45.004
55	43.151	43.309	43.466
60	35.085	35.158	35.231
65	24.513	24.573	24.634
70	16.919	16.931	16.931
75	11.566	11.590	11.602
80	6.334	6.334	6.334
85	1.332	1.332	1.332
90	0.484	0.484	0.484
95	1.332	1.332	1.332
100	6.334	6.334	6.334
105	11.566	11.590	11.602
110	16.919	16.931	16.931
115	24.513	24.573	24.634
120	35.085	35.158	35.231
125	43.151	43.309	43.466
130	44.859	44.932	45.004
135	48.650	48.625	48.601
140	86.484	85.576	84.668
145	470.449	469.384	468.318
150	1157.152	1158.751	1160.349
155	1457.200	1458.278	1459.344
160	1632.531	1633.318	1634.105
165	2507.510	2504.131	2500.740
170	7622.262	7607.075	7591.888
175	25353.030	25343.172	25333.314
180	37422.805	37422.805	37422.805

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-S-XX_.IES

COEFFICIENTS OF UTILIZATION



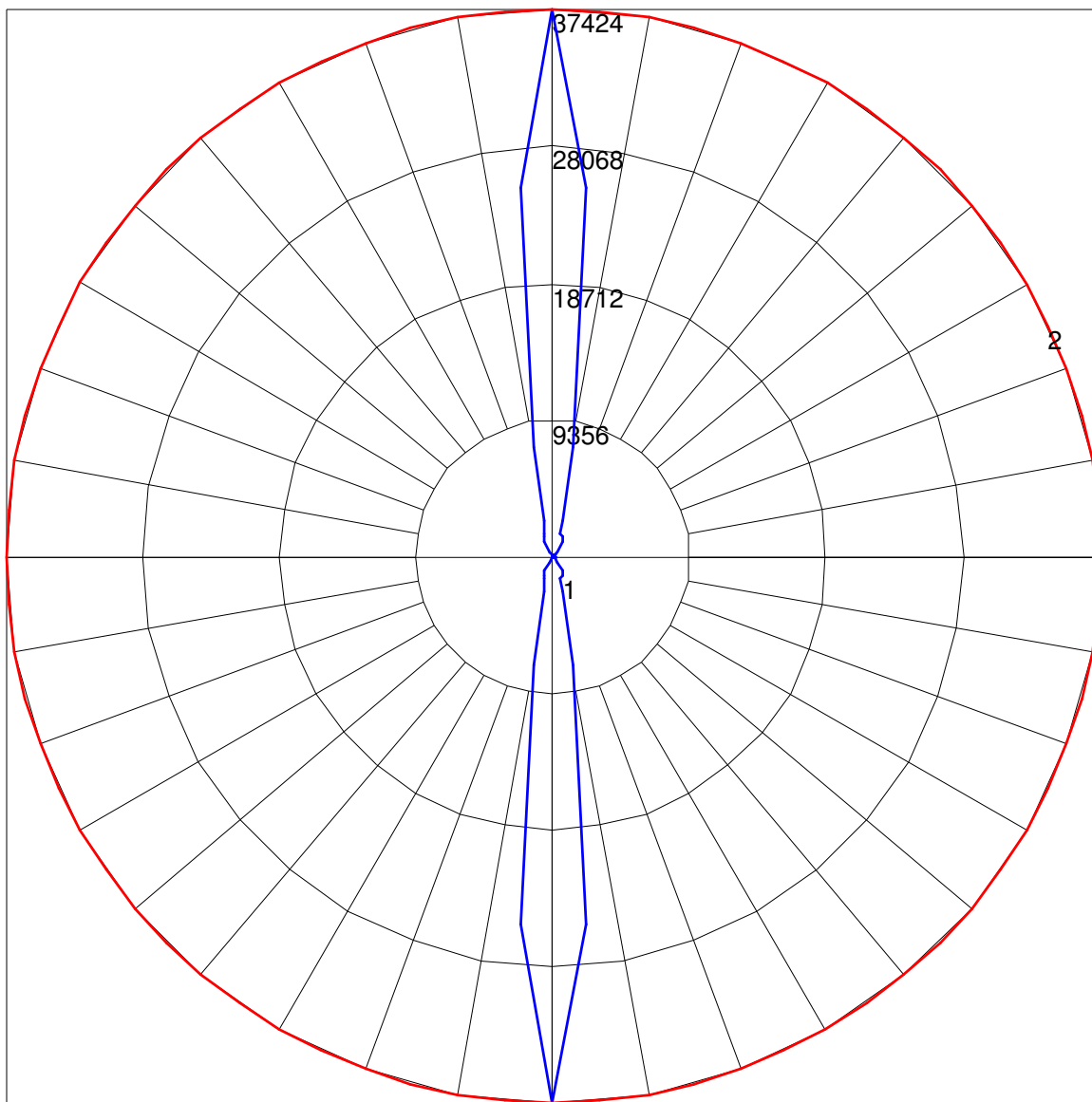
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2023.9	25.0
Downward House Side	2023.9	25.0
Downward Total	4047.8	50.0
Upward Street Side	2023.9	25.0
Upward House Side	2023.9	25.0
Upward Total	4047.8	50.0
Total Flux	8095.6	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 37423.714 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

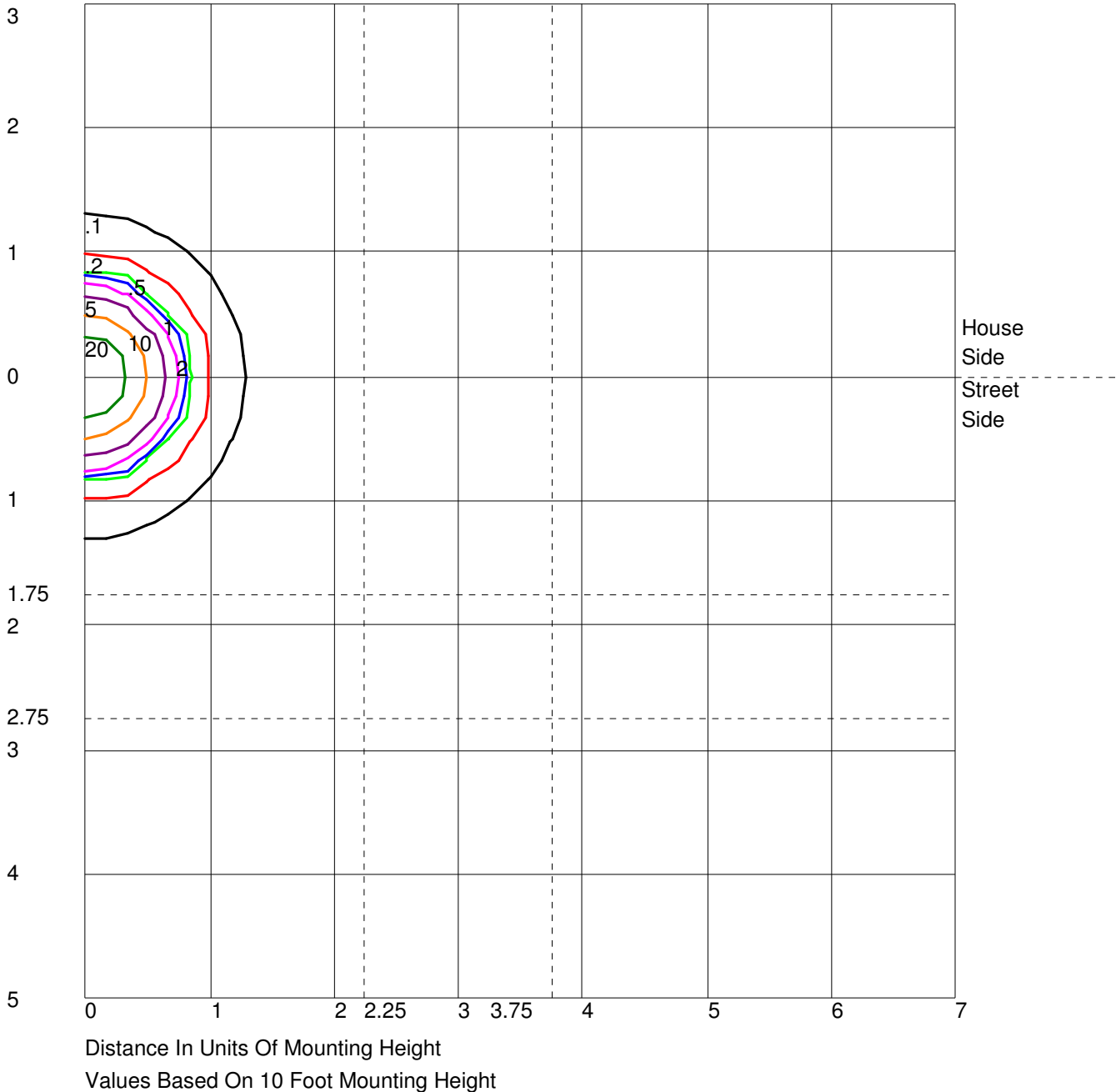


PHOTO LUMENS

