

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-935U-L50-935D-XXX-DIM-UNV-S-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L50-935U-L50-935D-xxx-DIM-UNV-S-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION

[LAMPCAT] BL VERO 22 COB

[LAMP] LED

[OTHER] Absolute Photometry

[_CONVERT] Photometric web converted from original test data

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

CHARACTERISTICS

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9823
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	26525.593
Maximum Candela Angle	340H 175V
Maximum Candela (<90 Degrees Vertical)	26525.593
Maximum Candela Angle (<90 Degrees Vertical)	340H 5V
Maximum Candela At 90 Degrees Vertical	.677 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8.045 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-935U-L50-935D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2144.0	N.A.	21.8
FM - Front-Medium (30-60)	286.2	N.A.	2.9
FH - Front-High (60-80)	24.0	N.A.	0.2
FVH - Front-Very High (80-90)	1.6	N.A.	0.0
BL - Back-Low (0-30)	2144.0	N.A.	21.8
BM - Back-Medium (30-60)	286.2	N.A.	2.9
BH - Back-High (60-80)	24.0	N.A.	0.2
BVH - Back-Very High (80-90)	1.6	N.A.	0.0
UL - Uplight-Low (90-100)	3.2	N.A.	0.0
UH - Uplight-High (100-180)	4908.4	N.A.	50.0
Total	9823.2	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	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045
5	26452.469	26470.742	26489.031	26507.305	26525.593	26498.106	26424.874	26351.642	26278.410	26205.178
10	11372.777	11392.803	11412.830	11432.873	11452.900	11481.709	11519.317	11556.926	11594.534	11632.142
15	4077.491	4076.952	4076.429	4075.891	4075.353	4090.765	4122.113	4153.445	4184.793	4216.141
20	2228.570	2232.969	2237.369	2241.783	2246.182	2252.150	2259.703	2267.255	2274.792	2282.345
25	1841.537	1841.891	1842.245	1842.599	1842.952	1843.014	1842.814	1842.614	1842.399	1842.199
30	1490.759	1487.790	1484.837	1481.868	1478.899	1473.193	1464.748	1456.288	1447.844	1439.384
35	662.472	663.687	664.903	666.118	667.333	668.840	670.655	672.470	674.285	676.100
40	130.298	132.667	135.020	137.389	139.742	143.465	148.541	153.632	158.708	163.784
45	65.264	65.449	65.618	65.803	65.972	66.172	66.403	66.633	66.849	67.079
50	61.173	61.188	61.219	61.234	61.250	61.204	61.081	60.973	60.850	60.727
55	60.081	59.988	59.896	59.819	59.727	59.542	59.250	58.973	58.681	58.404
60	48.652	48.621	48.606	48.575	48.560	48.391	48.083	47.791	47.483	47.176
65	32.686	32.624	32.578	32.517	32.471	32.409	32.332	32.255	32.194	32.117
70	21.273	21.288	21.288	21.304	21.319	21.319	21.319	21.304	21.304	21.304
75	14.151	14.151	14.151	14.166	14.166	14.166	14.166	14.166	14.166	14.166
80	7.845	7.845	7.845	7.845	7.845	7.860	7.875	7.891	7.922	7.937
85	1.600	1.600	1.600	1.615	1.615	1.615	1.615	1.630	1.630	1.630
90	0.523	0.523	0.554	0.554	0.585	0.585	0.585	0.615	0.615	0.615
95	1.600	1.600	1.600	1.615	1.615	1.615	1.615	1.630	1.630	1.630
100	7.845	7.845	7.845	7.845	7.845	7.860	7.875	7.891	7.922	7.937
105	14.151	14.151	14.151	14.166	14.166	14.166	14.166	14.166	14.166	14.166
110	21.273	21.288	21.288	21.304	21.319	21.319	21.319	21.304	21.304	21.304
115	32.686	32.624	32.578	32.517	32.471	32.409	32.332	32.255	32.194	32.117
120	48.652	48.621	48.606	48.575	48.560	48.391	48.083	47.791	47.483	47.176
125	60.081	59.988	59.896	59.819	59.727	59.542	59.250	58.973	58.681	58.404
130	61.173	61.188	61.219	61.234	61.250	61.204	61.081	60.973	60.850	60.727
135	65.264	65.449	65.618	65.803	65.972	66.172	66.403	66.633	66.849	67.079
140	130.298	132.667	135.020	137.389	139.742	143.465	148.541	153.632	158.708	163.784
145	662.472	663.687	664.903	666.118	667.333	668.840	670.655	672.470	674.285	676.100
150	1490.759	1487.790	1484.837	1481.868	1478.899	1473.193	1464.748	1456.288	1447.844	1439.384
155	1841.537	1841.891	1842.245	1842.599	1842.952	1843.014	1842.814	1842.614	1842.399	1842.199
160	2228.570	2232.969	2237.369	2241.783	2246.182	2252.150	2259.703	2267.255	2274.792	2282.345
165	4077.491	4076.952	4076.429	4075.891	4075.353	4090.765	4122.113	4153.445	4184.793	4216.141
170	11372.777	11392.803	11412.830	11432.873	11452.900	11481.709	11519.317	11556.926	11594.534	11632.142
175	26452.469	26470.758	26489.031	26507.320	26525.593	26498.122	26424.890	26351.658	26278.426	26205.178
180	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045
5	26155.465	26105.751	26056.038	26006.324	25928.186	25821.621	25715.057	25608.493	25501.929	25608.493
10	11671.242	11710.358	11749.458	11788.573	11796.279	11772.576	11748.889	11725.185	11701.498	11725.185
15	4237.260	4258.364	4279.483	4300.602	4309.108	4305.032	4300.955	4296.879	4292.803	4296.879
20	2290.312	2298.265	2306.232	2314.185	2315.000	2308.647	2302.310	2295.957	2289.620	2295.957
25	1842.968	1843.737	1844.491	1845.260	1843.322	1838.692	1834.062	1829.432	1824.802	1829.432
30	1435.492	1431.586	1427.694	1423.802	1419.742	1415.527	1411.328	1407.113	1402.899	1407.113
35	681.099	686.083	691.082	696.081	698.834	699.342	699.850	700.373	700.880	700.373
40	167.737	171.690	175.643	179.596	182.011	182.903	183.795	184.687	185.580	184.687
45	67.433	67.772	68.125	68.479	68.571	68.418	68.248	68.095	67.941	68.095
50	60.788	60.865	60.927	61.004	60.957	60.788	60.619	60.465	60.296	60.465
55	58.343	58.266	58.204	58.127	58.004	57.804	57.620	57.420	57.235	57.420

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CANDELA TABULATION - (Cont.)

60	47.099	47.006	46.929	46.853	46.776	46.729	46.668	46.622	46.560	46.622
65	32.071	32.025	31.978	31.932	31.840	31.671	31.517	31.348	31.194	31.348
70	21.288	21.273	21.257	21.242	21.181	21.088	20.996	20.904	20.811	20.904
75	14.166	14.166	14.182	14.182	14.151	14.090	14.028	13.967	13.905	13.967
80	7.968	7.983	8.029	8.045	8.045	8.014	7.998	7.952	7.937	7.952
85	1.630	1.630	1.630	1.630	1.630	1.615	1.615	1.600	1.600	1.600
90	0.615	0.646	0.646	0.677	0.677	0.646	0.646	0.615	0.615	0.615
95	1.630	1.630	1.630	1.630	1.630	1.615	1.615	1.600	1.600	1.600
100	7.968	7.983	8.029	8.045	8.045	8.014	7.998	7.952	7.937	7.952
105	14.166	14.166	14.182	14.182	14.151	14.090	14.028	13.967	13.905	13.967
110	21.288	21.273	21.257	21.242	21.181	21.088	20.996	20.904	20.811	20.904
115	32.071	32.025	31.978	31.932	31.840	31.671	31.517	31.348	31.194	31.348
120	47.099	47.006	46.929	46.853	46.776	46.729	46.668	46.622	46.560	46.622
125	58.343	58.266	58.204	58.127	58.004	57.804	57.620	57.420	57.235	57.420
130	60.788	60.865	60.927	61.004	60.957	60.788	60.619	60.465	60.296	60.465
135	67.433	67.772	68.125	68.479	68.571	68.418	68.248	68.095	67.941	68.095
140	167.737	171.690	175.643	179.596	182.011	182.903	183.795	184.687	185.580	184.687
145	681.099	686.083	691.082	696.081	698.834	699.342	699.850	700.373	700.880	700.373
150	1435.492	1431.586	1427.694	1423.802	1419.742	1415.527	1411.328	1407.113	1402.899	1407.113
155	1842.968	1843.737	1844.491	1845.260	1843.322	1838.692	1834.062	1829.432	1824.802	1829.432
160	2290.312	2298.265	2306.232	2314.185	2315.000	2308.647	2302.310	2295.957	2289.620	2295.957
165	4237.260	4258.364	4279.483	4300.602	4309.108	4305.032	4300.955	4296.879	4292.803	4296.879
170	11671.242	11710.358	11749.458	11788.573	11796.279	11772.576	11748.889	11725.185	11701.498	11725.185
175	26155.465	26105.751	26056.038	26006.324	25928.186	25821.621	25715.057	25608.493	25501.929	25608.493
180	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045	25460.045
5	25715.057	25821.621	25928.186	26006.324	26056.038	26105.751	26155.465	26205.178	26278.410	26351.642
10	11748.889	11772.576	11796.279	11788.573	11749.458	11710.358	11671.242	11632.142	11594.534	11556.926
15	4300.955	4305.032	4309.108	4300.602	4279.483	4258.364	4237.260	4216.141	4184.793	4153.445
20	2302.310	2308.647	2315.000	2314.185	2306.232	2298.265	2290.312	2282.345	2274.792	2267.255
25	1834.062	1838.692	1843.322	1845.260	1844.491	1843.737	1842.968	1842.199	1842.399	1842.614
30	1411.328	1415.527	1419.742	1423.802	1427.694	1431.586	1435.492	1439.384	1447.844	1456.288
35	699.850	699.342	698.834	696.081	691.082	686.083	681.099	676.100	674.285	672.470
40	183.795	182.903	182.011	179.596	175.643	171.690	167.737	163.784	158.708	153.632
45	68.248	68.418	68.571	68.479	68.125	67.772	67.433	67.079	66.849	66.633
50	60.619	60.788	60.957	61.004	60.927	60.865	60.788	60.727	60.850	60.973
55	57.620	57.804	58.004	58.127	58.204	58.266	58.343	58.404	58.681	58.973
60	46.668	46.729	46.776	46.853	46.929	47.006	47.099	47.176	47.483	47.791
65	31.517	31.671	31.840	31.932	31.978	32.025	32.071	32.117	32.194	32.255
70	20.996	21.088	21.181	21.242	21.257	21.273	21.288	21.304	21.304	21.304
75	14.028	14.090	14.151	14.182	14.182	14.166	14.166	14.166	14.166	14.166
80	7.998	8.014	8.045	8.045	8.029	7.983	7.968	7.937	7.922	7.891
85	1.615	1.615	1.630	1.630	1.630	1.630	1.630	1.630	1.630	1.630
90	0.646	0.646	0.677	0.677	0.646	0.646	0.615	0.615	0.615	0.615
95	1.615	1.615	1.630	1.630	1.630	1.630	1.630	1.630	1.630	1.630
100	7.998	8.014	8.045	8.045	8.029	7.983	7.968	7.937	7.922	7.891
105	14.028	14.090	14.151	14.182	14.182	14.166	14.166	14.166	14.166	14.166
110	20.996	21.088	21.181	21.242	21.257	21.273	21.288	21.304	21.304	21.304
115	31.517	31.671	31.840	31.932	31.978	32.025	32.071	32.117	32.194	32.255
120	46.668	46.729	46.776	46.853	46.929	47.006	47.099	47.176	47.483	47.791
125	57.620	57.804	58.004	58.127	58.204	58.266	58.343	58.404	58.681	58.973
130	60.619	60.788	60.957	61.004	60.927	60.865	60.788	60.727	60.850	60.973

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CANDELA TABULATION - (Cont.)

135	68.248	68.418	68.571	68.479	68.125	67.772	67.433	67.079	66.849	66.633
140	183.795	182.903	182.011	179.596	175.643	171.690	167.737	163.784	158.708	153.632
145	699.850	699.342	698.834	696.081	691.082	686.083	681.099	676.100	674.285	672.470
150	1411.328	1415.527	1419.742	1423.802	1427.694	1431.586	1435.492	1439.384	1447.844	1456.288
155	1834.062	1838.692	1843.322	1845.260	1844.491	1843.737	1842.968	1842.199	1842.399	1842.614
160	2302.310	2308.647	2315.000	2314.185	2306.232	2298.265	2290.312	2282.345	2274.792	2267.255
165	4300.955	4305.032	4309.108	4300.602	4279.483	4258.364	4237.260	4216.141	4184.793	4153.445
170	11748.88911772.57611796.27911788.57311749.45811710.35811671.24211632.14211594.53411556.926									
175	25715.05725821.62125928.18626006.32426056.03826105.75126155.46526205.17826278.42626351.658									
180	25459.70725459.70725459.70725459.70725459.70725459.70725459.70725459.70725459.707									

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	25460.04525460.04525460.04525460.04525460.04525460.04525460.04525460.04525460.04525460.045									
5	26424.87426498.10626525.59326507.30526489.03126470.74226452.46926470.74226489.03126507.305									
10	11519.31711481.70911452.90011432.87311412.83011392.80311372.77711392.80311412.83011432.873									
15	4122.113	4090.765	4075.353	4075.891	4076.429	4076.952	4077.491	4076.952	4076.429	4075.891
20	2259.703	2252.150	2246.182	2241.783	2237.369	2232.969	2228.570	2232.969	2237.369	2241.783
25	1842.814	1843.014	1842.952	1842.599	1842.245	1841.891	1841.537	1841.891	1842.245	1842.599
30	1464.748	1473.193	1478.899	1481.868	1484.837	1487.790	1490.759	1487.790	1484.837	1481.868
35	670.655	668.840	667.333	666.118	664.903	663.687	662.472	663.687	664.903	666.118
40	148.541	143.465	139.742	137.389	135.020	132.667	130.298	132.667	135.020	137.389
45	66.403	66.172	65.972	65.803	65.618	65.449	65.264	65.449	65.618	65.803
50	61.081	61.204	61.250	61.234	61.219	61.188	61.173	61.188	61.219	61.234
55	59.250	59.542	59.727	59.819	59.896	59.988	60.081	59.988	59.896	59.819
60	48.083	48.391	48.560	48.575	48.606	48.621	48.652	48.621	48.606	48.575
65	32.332	32.409	32.471	32.517	32.578	32.624	32.686	32.624	32.578	32.517
70	21.319	21.319	21.319	21.304	21.288	21.288	21.273	21.288	21.288	21.304
75	14.166	14.166	14.166	14.166	14.151	14.151	14.151	14.151	14.151	14.166
80	7.875	7.860	7.845	7.845	7.845	7.845	7.845	7.845	7.845	7.845
85	1.615	1.615	1.615	1.615	1.600	1.600	1.600	1.600	1.600	1.615
90	0.585	0.585	0.585	0.554	0.554	0.523	0.523	0.523	0.554	0.554
95	1.615	1.615	1.615	1.615	1.600	1.600	1.600	1.600	1.600	1.615
100	7.875	7.860	7.845	7.845	7.845	7.845	7.845	7.845	7.845	7.845
105	14.166	14.166	14.166	14.166	14.151	14.151	14.151	14.151	14.151	14.166
110	21.319	21.319	21.319	21.304	21.288	21.288	21.273	21.288	21.288	21.304
115	32.332	32.409	32.471	32.517	32.578	32.624	32.686	32.624	32.578	32.517
120	48.083	48.391	48.560	48.575	48.606	48.621	48.652	48.621	48.606	48.575
125	59.250	59.542	59.727	59.819	59.896	59.988	60.081	59.988	59.896	59.819
130	61.081	61.204	61.250	61.234	61.219	61.188	61.173	61.188	61.219	61.234
135	66.403	66.172	65.972	65.803	65.618	65.449	65.264	65.449	65.618	65.803
140	148.541	143.465	139.742	137.389	135.020	132.667	130.298	132.667	135.020	137.389
145	670.655	668.840	667.333	666.118	664.903	663.687	662.472	663.687	664.903	666.118
150	1464.748	1473.193	1478.899	1481.868	1484.837	1487.790	1490.759	1487.790	1484.837	1481.868
155	1842.814	1843.014	1842.952	1842.599	1842.245	1841.891	1841.537	1841.891	1842.245	1842.599
160	2259.703	2252.150	2246.182	2241.783	2237.369	2232.969	2228.570	2232.969	2237.369	2241.783
165	4122.113	4090.765	4075.353	4075.891	4076.429	4076.952	4077.491	4076.952	4076.429	4075.891
170	11519.31711481.70911452.90011432.87311412.83011392.80311372.77711392.80311412.83011432.873									
175	26424.89026498.12226525.59326507.32026489.03126470.75826452.46926470.75826489.03126507.320									
180	25459.70725459.70725459.70725459.70725459.70725459.70725459.70725459.70725459.707									

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	25460.04525460.04525460.04525460.04525460.04525460.04525460.04525460.04525460.04525460.045									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-935U-L50-935D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	26525.59326498.10626424.87426351.64226278.41026205.17826155.46526105.75126056.03826006.324
10	11452.90011481.70911519.31711556.92611594.53411632.14211671.24211710.35811749.45811788.573
15	4075.353 4090.765 4122.113 4153.445 4184.793 4216.141 4237.260 4258.364 4279.483 4300.602
20	2246.182 2252.150 2259.703 2267.255 2274.792 2282.345 2290.312 2298.265 2306.232 2314.185
25	1842.952 1843.014 1842.814 1842.614 1842.399 1842.199 1842.968 1843.737 1844.491 1845.260
30	1478.899 1473.193 1464.748 1456.288 1447.844 1439.384 1435.492 1431.586 1427.694 1423.802
35	667.333 668.840 670.655 672.470 674.285 676.100 681.099 686.083 691.082 696.081
40	139.742 143.465 148.541 153.632 158.708 163.784 167.737 171.690 175.643 179.596
45	65.972 66.172 66.403 66.633 66.849 67.079 67.433 67.772 68.125 68.479
50	61.250 61.204 61.081 60.973 60.850 60.727 60.788 60.865 60.927 61.004
55	59.727 59.542 59.250 58.973 58.681 58.404 58.343 58.266 58.204 58.127
60	48.560 48.391 48.083 47.791 47.483 47.176 47.099 47.006 46.929 46.853
65	32.471 32.409 32.332 32.255 32.194 32.117 32.071 32.025 31.978 31.932
70	21.319 21.319 21.319 21.304 21.304 21.304 21.288 21.273 21.257 21.242
75	14.166 14.166 14.166 14.166 14.166 14.166 14.166 14.166 14.182 14.182
80	7.845 7.860 7.875 7.891 7.922 7.937 7.968 7.983 8.029 8.045
85	1.615 1.615 1.615 1.630 1.630 1.630 1.630 1.630 1.630 1.630
90	0.585 0.585 0.585 0.615 0.615 0.615 0.615 0.646 0.646 0.677
95	1.615 1.615 1.615 1.630 1.630 1.630 1.630 1.630 1.630 1.630
100	7.845 7.860 7.875 7.891 7.922 7.937 7.968 7.983 8.029 8.045
105	14.166 14.166 14.166 14.166 14.166 14.166 14.166 14.166 14.182 14.182
110	21.319 21.319 21.319 21.304 21.304 21.304 21.288 21.273 21.257 21.242
115	32.471 32.409 32.332 32.255 32.194 32.117 32.071 32.025 31.978 31.932
120	48.560 48.391 48.083 47.791 47.483 47.176 47.099 47.006 46.929 46.853
125	59.727 59.542 59.250 58.973 58.681 58.404 58.343 58.266 58.204 58.127
130	61.250 61.204 61.081 60.973 60.850 60.727 60.788 60.865 60.927 61.004
135	65.972 66.172 66.403 66.633 66.849 67.079 67.433 67.772 68.125 68.479
140	139.742 143.465 148.541 153.632 158.708 163.784 167.737 171.690 175.643 179.596
145	667.333 668.840 670.655 672.470 674.285 676.100 681.099 686.083 691.082 696.081
150	1478.899 1473.193 1464.748 1456.288 1447.844 1439.384 1435.492 1431.586 1427.694 1423.802
155	1842.952 1843.014 1842.814 1842.614 1842.399 1842.199 1842.968 1843.737 1844.491 1845.260
160	2246.182 2252.150 2259.703 2267.255 2274.792 2282.345 2290.312 2298.265 2306.232 2314.185
165	4075.353 4090.765 4122.113 4153.445 4184.793 4216.141 4237.260 4258.364 4279.483 4300.602
170	11452.90011481.70911519.31711556.92611594.53411632.14211671.24211710.35811749.45811788.573
175	26525.59326498.12226424.89026351.65826278.42626205.17826155.46526105.75126056.03826006.324
180	25459.70725459.70725459.70725459.70725459.70725459.70725459.70725459.70725459.707

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	25460.04525460.04									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-935U-L50-935D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	8.045	8.014	7.998	7.952	7.937	7.952	7.998	8.014	8.045	8.045
85	1.630	1.615	1.615	1.600	1.600	1.600	1.615	1.615	1.630	1.630
90	0.677	0.646	0.646	0.615	0.615	0.615	0.646	0.646	0.677	0.677
95	1.630	1.615	1.615	1.600	1.600	1.600	1.615	1.615	1.630	1.630
100	8.045	8.014	7.998	7.952	7.937	7.952	7.998	8.014	8.045	8.045
105	14.151	14.090	14.028	13.967	13.905	13.967	14.028	14.090	14.151	14.182
110	21.181	21.088	20.996	20.904	20.811	20.904	20.996	21.088	21.181	21.242
115	31.840	31.671	31.517	31.348	31.194	31.348	31.517	31.671	31.840	31.932
120	46.776	46.729	46.668	46.622	46.560	46.622	46.668	46.729	46.776	46.853
125	58.004	57.804	57.620	57.420	57.235	57.420	57.620	57.804	58.004	58.127
130	60.957	60.788	60.619	60.465	60.296	60.465	60.619	60.788	60.957	61.004
135	68.571	68.418	68.248	68.095	67.941	68.095	68.248	68.418	68.571	68.479
140	182.011	182.903	183.795	184.687	185.580	184.687	183.795	182.903	182.011	179.596
145	698.834	699.342	699.850	700.373	700.880	700.373	699.850	699.342	698.834	696.081
150	1419.742	1415.527	1411.328	1407.113	1402.899	1407.113	1411.328	1415.527	1419.742	1423.802
155	1843.322	1838.692	1834.062	1829.432	1824.802	1829.432	1834.062	1838.692	1843.322	1845.260
160	2315.000	2308.647	2302.310	2295.957	2289.620	2295.957	2302.310	2308.647	2315.000	2314.185
165	4309.108	4305.032	4300.955	4296.879	4292.803	4296.879	4300.955	4305.032	4309.108	4300.602
170	11796.27911772.57611748.88911725.18511701.49811725.18511748.88911772.57611796.27911788.573									
175	25928.18625821.62125715.05725608.49325501.92925608.49325715.05725821.62125928.18626006.324									
180	25459.70725459.70725459.70725459.70725459.70725459.70725459.70725459.70725459.707									

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	25460.04525460.04525460.04525460.04525460.04525460.04525460.04525460.04525460.04525460.045									
5	26056.03826105.75126155.46526205.17826278.41026351.64226424.87426498.10626525.59326507.305									
10	11749.45811710.35811671.24211632.14211594.53411556.92611519.31711481.70911452.90011432.873									
15	4279.483	4258.364	4237.260	4216.141	4184.793	4153.445	4122.113	4090.765	4075.353	4075.891
20	2306.232	2298.265	2290.312	2282.345	2274.792	2267.255	2259.703	2252.150	2246.182	2241.783
25	1844.491	1843.737	1842.968	1842.199	1842.399	1842.614	1842.814	1843.014	1842.952	1842.599
30	1427.694	1431.586	1435.492	1439.384	1447.844	1456.288	1464.748	1473.193	1478.899	1481.868
35	691.082	686.083	681.099	676.100	674.285	672.470	670.655	668.840	667.333	666.118
40	175.643	171.690	167.737	163.784	158.708	153.632	148.541	143.465	139.742	137.389
45	68.125	67.772	67.433	67.079	66.849	66.633	66.403	66.172	65.972	65.803
50	60.927	60.865	60.788	60.727	60.850	60.973	61.081	61.204	61.250	61.234
55	58.204	58.266	58.343	58.404	58.681	58.973	59.250	59.542	59.727	59.819
60	46.929	47.006	47.099	47.176	47.483	47.791	48.083	48.391	48.560	48.575
65	31.978	32.025	32.071	32.117	32.194	32.255	32.332	32.409	32.471	32.517
70	21.257	21.273	21.288	21.304	21.304	21.304	21.319	21.319	21.319	21.304
75	14.182	14.166	14.166	14.166	14.166	14.166	14.166	14.166	14.166	14.166
80	8.029	7.983	7.968	7.937	7.922	7.891	7.875	7.860	7.845	7.845
85	1.630	1.630	1.630	1.630	1.630	1.630	1.615	1.615	1.615	1.615
90	0.646	0.646	0.615	0.615	0.615	0.615	0.585	0.585	0.585	0.554
95	1.630	1.630	1.630	1.630	1.630	1.630	1.615	1.615	1.615	1.615
100	8.029	7.983	7.968	7.937	7.922	7.891	7.875	7.860	7.845	7.845
105	14.182	14.166	14.166	14.166	14.166	14.166	14.166	14.166	14.166	14.166
110	21.257	21.273	21.288	21.304	21.304	21.304	21.319	21.319	21.319	21.304
115	31.978	32.025	32.071	32.117	32.194	32.255	32.332	32.409	32.471	32.517
120	46.929	47.006	47.099	47.176	47.483	47.791	48.083	48.391	48.560	48.575
125	58.204	58.266	58.343	58.404	58.681	58.973	59.250	59.542	59.727	59.819
130	60.927	60.865	60.788	60.727	60.850	60.973	61.081	61.204	61.250	61.234
135	68.125	67.772	67.433	67.079	66.849	66.633	66.403	66.172	65.972	65.803
140	175.643	171.690	167.737	163.784	158.708	153.632	148.541	143.465	139.742	137.389
145	691.082	686.083	681.099	676.100	674.285	672.470	670.655	668.840	667.333	666.118
150	1427.694	1431.586	1435.492	1439.384	1447.844	1456.288	1464.748	1473.193	1478.899	1481.868

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-935U-L50-935D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

155	1844.491	1843.737	1842.968	1842.199	1842.399	1842.614	1842.814	1843.014	1842.952	1842.599
160	2306.232	2298.265	2290.312	2282.345	2274.792	2267.255	2259.703	2252.150	2246.182	2241.783
165	4279.483	4258.364	4237.260	4216.141	4184.793	4153.445	4122.113	4090.765	4075.353	4075.891
170	11749.458	11710.358	11671.242	11632.142	11594.534	11556.926	11519.317	11481.709	11452.900	11432.873
175	26056.038	26105.751	26155.465	26205.178	26278.426	26351.658	26424.890	26498.122	26525.593	26507.320
180	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707	25459.707

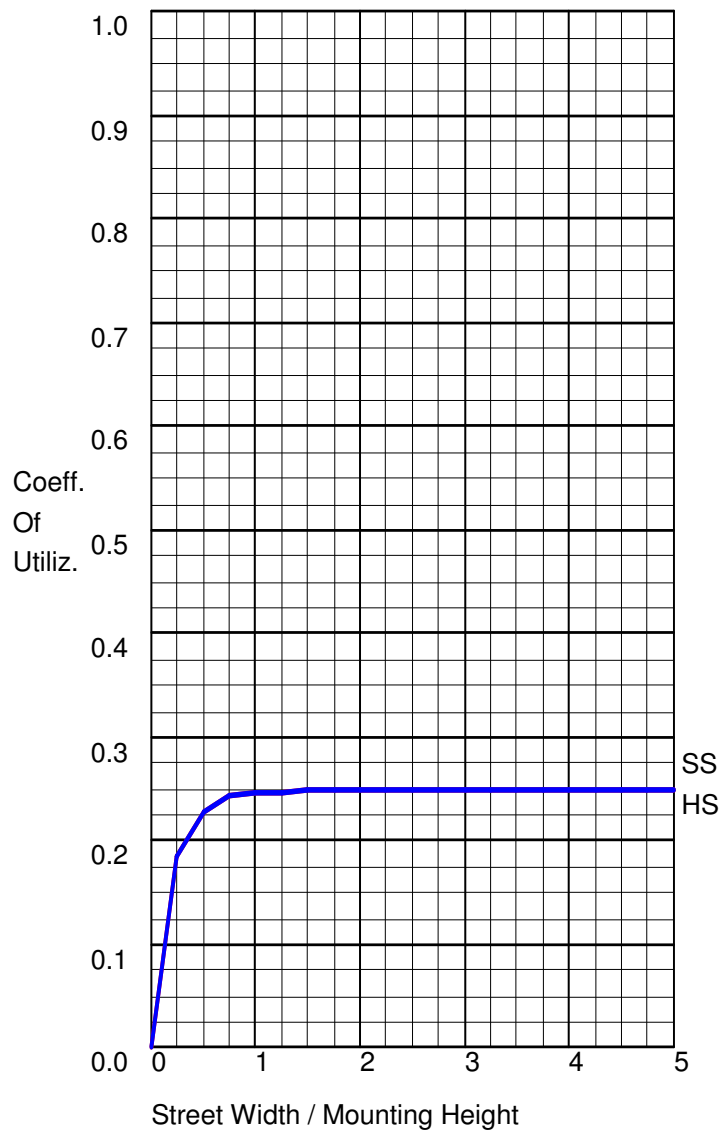
Vert. Horizontal Angles

	350	355	360
0	25460.045	25460.045	25460.045
5	26489.031	26470.742	26452.469
10	11412.830	11392.803	11372.777
15	4076.429	4076.952	4077.491
20	2237.369	2232.969	2228.570
25	1842.245	1841.891	1841.537
30	1484.837	1487.790	1490.759
35	664.903	663.687	662.472
40	135.020	132.667	130.298
45	65.618	65.449	65.264
50	61.219	61.188	61.173
55	59.896	59.988	60.081
60	48.606	48.621	48.652
65	32.578	32.624	32.686
70	21.288	21.288	21.273
75	14.151	14.151	14.151
80	7.845	7.845	7.845
85	1.600	1.600	1.600
90	0.554	0.523	0.523
95	1.600	1.600	1.600
100	7.845	7.845	7.845
105	14.151	14.151	14.151
110	21.288	21.288	21.273
115	32.578	32.624	32.686
120	48.606	48.621	48.652
125	59.896	59.988	60.081
130	61.219	61.188	61.173
135	65.618	65.449	65.264
140	135.020	132.667	130.298
145	664.903	663.687	662.472
150	1484.837	1487.790	1490.759
155	1842.245	1841.891	1841.537
160	2237.369	2232.969	2228.570
165	4076.429	4076.952	4077.491
170	11412.830	11392.803	11372.777
175	26489.031	26470.758	26452.469
180	25459.707	25459.707	25459.707

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-935U-L50-935D-XXX-DIM-UNV-S-XX_.IES

COEFFICIENTS OF UTILIZATION



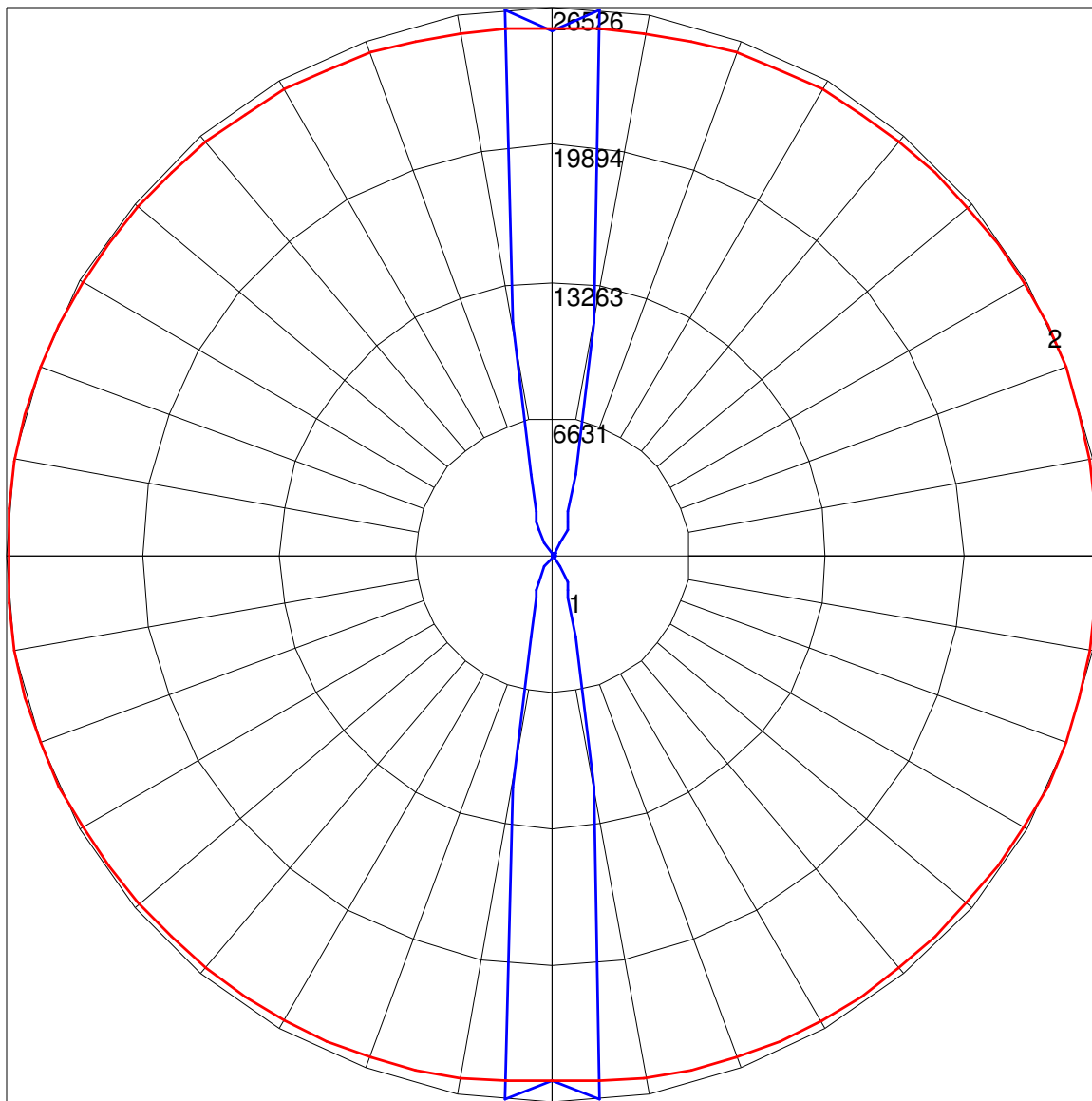
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2455.8	25.0
Downward House Side	2455.8	25.0
Downward Total	4911.6	50.0
Upward Street Side	2455.8	25.0
Upward House Side	2455.8	25.0
Upward Total	4911.6	50.0
Total Flux	9823.2	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-935U-L50-935D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 26525.593 Located At Horizontal Angle = 340, Vertical Angle = 175

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

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

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

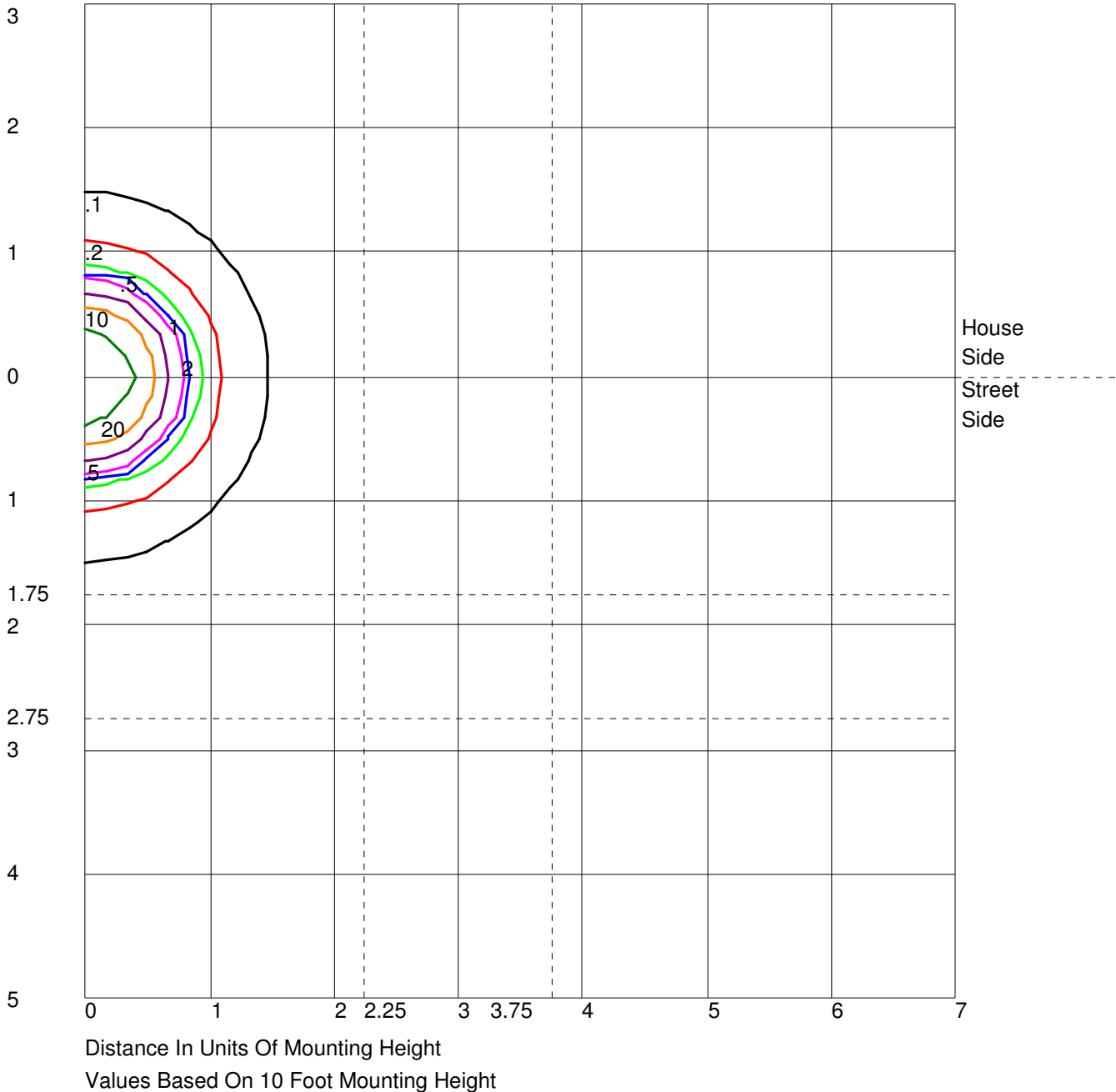


PHOTO LUMENS

