

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-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-L40-950U-L40-950D-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	7535
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	34829.966
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	34829.966
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.496 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.94 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1671.3	N.A.	22.2
FM - Front-Medium (30-60)	194.0	N.A.	2.6
FH - Front-High (60-80)	17.2	N.A.	0.2
FVH - Front-Very High (80-90)	1.2	N.A.	0.0
BL - Back-Low (0-30)	1671.3	N.A.	22.2
BM - Back-Medium (30-60)	194.0	N.A.	2.6
BH - Back-High (60-80)	17.2	N.A.	0.2
BVH - Back-Very High (80-90)	1.2	N.A.	0.0
UL - Uplight-Low (90-100)	2.4	N.A.	0.0
UH - Uplight-High (100-180)	3764.9	N.A.	50.0
Total	7534.7	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	34829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.9663
5	23577.5002	3586.6752	3595.8502	3605.0142	3614.1892	3628.5832	3648.2072	3667.8192	3687.4432	3707.056
10	7065.713	7079.847	7093.982	7108.116	7122.251	7165.556	7238.044	7310.531	7383.007	7455.495
15	2327.419	2330.575	2333.720	2336.876	2340.021	2354.550	2380.463	2406.365	2432.279	2458.181
20	1520.849	1520.116	1519.384	1518.651	1517.918	1520.083	1525.166	1530.238	1535.322	1540.394
25	1358.200	1357.209	1356.205	1355.213	1354.210	1353.827	1354.053	1354.289	1354.515	1354.740
30	1079.928	1078.440	1076.952	1075.453	1073.966	1071.486	1068.025	1064.565	1061.105	1057.644
35	435.860	436.852	437.844	438.824	439.816	440.245	440.098	439.952	439.805	439.658
40	78.799	79.645	80.490	81.336	82.181	83.218	84.469	85.720	86.971	88.223
45	45.233	45.255	45.278	45.312	45.334	45.357	45.368	45.391	45.402	45.424
50	41.885	41.817	41.750	41.694	41.626	41.536	41.423	41.310	41.198	41.085
55	40.454	40.307	40.161	40.014	39.868	39.676	39.462	39.236	39.022	38.797
60	32.789	32.721	32.654	32.575	32.507	32.372	32.169	31.955	31.752	31.549
65	22.926	22.870	22.814	22.757	22.701	22.667	22.656	22.645	22.633	22.622
70	15.758	15.758	15.746	15.746	15.735	15.735	15.746	15.746	15.758	15.758
75	10.798	10.787	10.764	10.753	10.742	10.731	10.731	10.719	10.719	10.719
80	5.895	5.895	5.895	5.884	5.884	5.884	5.884	5.895	5.895	5.895
85	1.240	1.240	1.240	1.217	1.217	1.217	1.217	1.206	1.206	1.206
90	0.451	0.451	0.451	0.473	0.473	0.473	0.473	0.496	0.496	0.496
95	1.240	1.240	1.240	1.217	1.217	1.217	1.217	1.206	1.206	1.206
100	5.895	5.895	5.895	5.884	5.884	5.884	5.884	5.895	5.895	5.895
105	10.798	10.787	10.764	10.753	10.742	10.731	10.731	10.719	10.719	10.719
110	15.758	15.758	15.746	15.746	15.735	15.735	15.746	15.746	15.758	15.758
115	22.926	22.870	22.814	22.757	22.701	22.667	22.656	22.645	22.633	22.622
120	32.789	32.721	32.654	32.575	32.507	32.372	32.169	31.955	31.752	31.549
125	40.454	40.307	40.161	40.014	39.868	39.676	39.462	39.236	39.022	38.797
130	41.885	41.817	41.750	41.694	41.626	41.536	41.423	41.310	41.198	41.085
135	45.233	45.255	45.278	45.312	45.334	45.357	45.368	45.391	45.402	45.424
140	78.799	79.645	80.490	81.336	82.181	83.218	84.469	85.720	86.971	88.223
145	435.860	436.852	437.844	438.824	439.816	440.245	440.098	439.952	439.805	439.658
150	1079.928	1078.440	1076.952	1075.453	1073.966	1071.486	1068.025	1064.565	1061.105	1057.644
155	1358.200	1357.209	1356.205	1355.213	1354.210	1353.827	1354.053	1354.289	1354.515	1354.740
160	1520.849	1520.116	1519.384	1518.651	1517.918	1520.083	1525.166	1530.238	1535.322	1540.394
165	2327.419	2330.575	2333.720	2336.876	2340.021	2354.550	2380.463	2406.365	2432.279	2458.181
170	7065.713	7079.847	7093.982	7108.116	7122.251	7165.556	7238.044	7310.531	7383.007	7455.495
175	23577.5232	3586.6982	3595.8732	3605.0372	3614.2122	3628.6052	3648.2292	3667.8422	3687.4662	3707.078
180	34829.1213	4829.1213	4829.1213	4829.1213	4829.1213	4829.1213	4829.1213	4829.1213	4829.1213	4829.121

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	34829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.9663	4829.966
5	23766.3892	3825.7342	3885.0672	3944.4122	3975.9612	3979.7152	3983.4682	3987.2212	3990.9752	3987.221
10	7512.675	7569.856	7627.036	7684.217	7727.060	7755.544	7784.027	7812.510	7840.993	7812.510
15	2468.934	2479.687	2490.440	2501.193	2516.556	2536.518	2556.480	2576.453	2596.415	2576.453
20	1545.320	1550.257	1555.182	1560.108	1564.323	1567.818	1571.301	1574.795	1578.289	1574.795
25	1355.811	1356.882	1357.952	1359.023	1360.939	1363.690	1366.440	1369.190	1371.940	1369.190
30	1058.614	1059.572	1060.541	1061.499	1063.100	1065.343	1067.586	1069.829	1072.072	1069.829
35	443.164	446.658	450.164	453.669	455.563	455.867	456.171	456.464	456.769	456.464
40	89.925	91.627	93.329	95.031	95.831	95.729	95.639	95.538	95.448	95.538
45	45.402	45.391	45.368	45.357	45.368	45.413	45.469	45.515	45.560	45.515
50	41.028	40.972	40.916	40.859	40.826	40.792	40.758	40.735	40.702	40.735
55	38.684	38.560	38.447	38.323	38.256	38.222	38.199	38.166	38.143	38.166

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CANDELA TABULATION - (Cont.)

60	31.493	31.436	31.380	31.324	31.346	31.448	31.549	31.651	31.752	31.651
65	22.599	22.577	22.554	22.532	22.543	22.577	22.611	22.656	22.690	22.656
70	15.746	15.735	15.724	15.713	15.713	15.724	15.735	15.746	15.758	15.746
75	10.697	10.685	10.663	10.652	10.640	10.652	10.663	10.663	10.674	10.663
80	5.895	5.906	5.895	5.906	5.906	5.918	5.929	5.929	5.940	5.929
85	1.206	1.206	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195
90	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496
95	1.206	1.206	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195
100	5.895	5.906	5.895	5.906	5.906	5.918	5.929	5.929	5.940	5.929
105	10.697	10.685	10.663	10.652	10.640	10.652	10.663	10.663	10.674	10.663
110	15.746	15.735	15.724	15.713	15.713	15.724	15.735	15.746	15.758	15.746
115	22.599	22.577	22.554	22.532	22.543	22.577	22.611	22.656	22.690	22.656
120	31.493	31.436	31.380	31.324	31.346	31.448	31.549	31.651	31.752	31.651
125	38.684	38.560	38.447	38.323	38.256	38.222	38.199	38.166	38.143	38.166
130	41.028	40.972	40.916	40.859	40.826	40.792	40.758	40.735	40.702	40.735
135	45.402	45.391	45.368	45.357	45.368	45.413	45.469	45.515	45.560	45.515
140	89.925	91.627	93.329	95.031	95.831	95.729	95.639	95.538	95.448	95.538
145	443.164	446.658	450.164	453.669	455.563	455.867	456.171	456.464	456.769	456.464
150	1058.614	1059.572	1060.541	1061.499	1063.100	1065.343	1067.586	1069.829	1072.072	1069.829
155	1355.811	1356.882	1357.952	1359.023	1360.939	1363.690	1366.440	1369.190	1371.940	1369.190
160	1545.320	1550.257	1555.182	1560.108	1564.323	1567.818	1571.301	1574.795	1578.289	1574.795
165	2468.934	2479.687	2490.440	2501.193	2516.556	2536.518	2556.480	2576.453	2596.415	2576.453
170	7512.675	7569.856	7627.036	7684.217	7727.060	7755.544	7784.027	7812.510	7840.993	7812.510
175	23766.412	23825.756	23885.090	23944.435	23975.972	23979.737	23983.491	23987.244	23990.997	23987.244
180	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966
5	23983.468	23979.715	23975.961	23944.412	23885.067	23825.734	23766.389	23707.056	23687.443	23667.819
10	7784.027	7755.544	7727.060	7684.217	7627.036	7569.856	7512.675	7455.495	7383.007	7310.531
15	2556.480	2536.518	2516.556	2501.193	2490.440	2479.687	2468.934	2458.181	2432.279	2406.365
20	1571.301	1567.818	1564.323	1560.108	1555.182	1550.257	1545.320	1540.394	1535.322	1530.238
25	1366.440	1363.690	1360.939	1359.023	1357.952	1356.882	1355.811	1354.740	1354.515	1354.289
30	1067.586	1065.343	1063.100	1061.499	1060.541	1059.572	1058.614	1057.644	1061.105	1064.565
35	456.171	455.867	455.563	453.669	450.164	446.658	443.164	439.658	439.805	439.952
40	95.639	95.729	95.831	95.031	93.329	91.627	89.925	88.223	86.971	85.720
45	45.469	45.413	45.368	45.357	45.368	45.391	45.402	45.424	45.402	45.391
50	40.758	40.792	40.826	40.859	40.916	40.972	41.028	41.085	41.198	41.310
55	38.199	38.222	38.256	38.323	38.447	38.560	38.684	38.797	39.022	39.236
60	31.549	31.448	31.346	31.324	31.380	31.436	31.493	31.549	31.752	31.955
65	22.611	22.577	22.543	22.532	22.554	22.577	22.599	22.622	22.633	22.645
70	15.735	15.724	15.713	15.713	15.724	15.735	15.746	15.758	15.758	15.746
75	10.663	10.652	10.640	10.652	10.663	10.685	10.697	10.719	10.719	10.719
80	5.929	5.918	5.906	5.906	5.895	5.906	5.895	5.895	5.895	5.895
85	1.195	1.195	1.195	1.195	1.195	1.206	1.206	1.206	1.206	1.206
90	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496
95	1.195	1.195	1.195	1.195	1.195	1.206	1.206	1.206	1.206	1.206
100	5.929	5.918	5.906	5.906	5.895	5.906	5.895	5.895	5.895	5.895
105	10.663	10.652	10.640	10.652	10.663	10.685	10.697	10.719	10.719	10.719
110	15.735	15.724	15.713	15.713	15.724	15.735	15.746	15.758	15.758	15.746
115	22.611	22.577	22.543	22.532	22.554	22.577	22.599	22.622	22.633	22.645
120	31.549	31.448	31.346	31.324	31.380	31.436	31.493	31.549	31.752	31.955
125	38.199	38.222	38.256	38.323	38.447	38.560	38.684	38.797	39.022	39.236
130	40.758	40.792	40.826	40.859	40.916	40.972	41.028	41.085	41.198	41.310

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CANDELA TABULATION - (Cont.)

135	45.469	45.413	45.368	45.357	45.368	45.391	45.402	45.424	45.402	45.391
140	95.639	95.729	95.831	95.031	93.329	91.627	89.925	88.223	86.971	85.720
145	456.171	455.867	455.563	453.669	450.164	446.658	443.164	439.658	439.805	439.952
150	1067.586	1065.343	1063.100	1061.499	1060.541	1059.572	1058.614	1057.644	1061.105	1064.565
155	1366.440	1363.690	1360.939	1359.023	1357.952	1356.882	1355.811	1354.740	1354.515	1354.289
160	1571.301	1567.818	1564.323	1560.108	1555.182	1550.257	1545.320	1540.394	1535.322	1530.238
165	2556.480	2536.518	2516.556	2501.193	2490.440	2479.687	2468.934	2458.181	2432.279	2406.365
170	7784.027	7755.544	7727.060	7684.217	7627.036	7569.856	7512.675	7455.495	7383.007	7310.531
175	23983.491	23979.726	23975.972	23944.435	23885.090	23825.756	23766.412	23707.078	23687.454	23667.842
180	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121

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	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966
5	23648.207	23628.583	23614.189	23605.014	23595.850	23586.675	23577.500	23566.675	23559.850	23605.014
10	7238.044	7165.556	7122.251	7108.116	7093.982	7079.847	7065.713	7079.847	7093.982	7108.116
15	2380.463	2354.550	2340.021	2336.876	2333.720	2330.575	2327.419	2330.575	2333.720	2336.876
20	1525.166	1520.083	1517.918	1518.651	1519.384	1520.116	1520.849	1520.116	1519.384	1518.651
25	1354.053	1353.827	1354.210	1355.213	1356.205	1357.209	1358.200	1357.209	1356.205	1355.213
30	1068.025	1071.486	1073.966	1075.453	1076.952	1078.440	1079.928	1078.440	1076.952	1075.453
35	440.098	440.245	439.816	438.824	437.844	436.852	435.860	436.852	437.844	438.824
40	84.469	83.218	82.181	81.336	80.490	79.645	78.799	79.645	80.490	81.336
45	45.368	45.357	45.334	45.312	45.278	45.255	45.233	45.255	45.278	45.312
50	41.423	41.536	41.626	41.694	41.750	41.817	41.885	41.817	41.750	41.694
55	39.462	39.676	39.868	40.014	40.161	40.307	40.454	40.307	40.161	40.014
60	32.169	32.372	32.507	32.575	32.654	32.721	32.789	32.721	32.654	32.575
65	22.656	22.667	22.701	22.757	22.814	22.870	22.926	22.870	22.814	22.757
70	15.746	15.735	15.735	15.746	15.746	15.758	15.758	15.758	15.746	15.746
75	10.731	10.731	10.742	10.753	10.764	10.787	10.798	10.787	10.764	10.753
80	5.884	5.884	5.884	5.884	5.895	5.895	5.895	5.895	5.895	5.884
85	1.217	1.217	1.217	1.217	1.240	1.240	1.240	1.240	1.240	1.217
90	0.473	0.473	0.473	0.473	0.451	0.451	0.451	0.451	0.451	0.473
95	1.217	1.217	1.217	1.217	1.240	1.240	1.240	1.240	1.240	1.217
100	5.884	5.884	5.884	5.884	5.895	5.895	5.895	5.895	5.895	5.884
105	10.731	10.731	10.742	10.753	10.764	10.787	10.798	10.787	10.764	10.753
110	15.746	15.735	15.735	15.746	15.746	15.758	15.758	15.758	15.746	15.746
115	22.656	22.667	22.701	22.757	22.814	22.870	22.926	22.870	22.814	22.757
120	32.169	32.372	32.507	32.575	32.654	32.721	32.789	32.721	32.654	32.575
125	39.462	39.676	39.868	40.014	40.161	40.307	40.454	40.307	40.161	40.014
130	41.423	41.536	41.626	41.694	41.750	41.817	41.885	41.817	41.750	41.694
135	45.368	45.357	45.334	45.312	45.278	45.255	45.233	45.255	45.278	45.312
140	84.469	83.218	82.181	81.336	80.490	79.645	78.799	79.645	80.490	81.336
145	440.098	440.245	439.816	438.824	437.844	436.852	435.860	436.852	437.844	438.824
150	1068.025	1071.486	1073.966	1075.453	1076.952	1078.440	1079.928	1078.440	1076.952	1075.453
155	1354.053	1353.827	1354.210	1355.213	1356.205	1357.209	1358.200	1357.209	1356.205	1355.213
160	1525.166	1520.083	1517.918	1518.651	1519.384	1520.116	1520.849	1520.116	1519.384	1518.651
165	2380.463	2354.550	2340.021	2336.876	2333.720	2330.575	2327.419	2330.575	2333.720	2336.876
170	7238.044	7165.556	7122.251	7108.116	7093.982	7079.847	7065.713	7079.847	7093.982	7108.116
175	23648.229	23628.605	23614.212	23605.037	23595.862	23586.698	23577.523	23566.698	23559.862	23605.037
180	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121

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	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	23614.18923628.58323648.20723667.81923687.44323707.05623766.38923825.73423885.06723944.412
10	7122.251 7165.556 7238.044 7310.531 7383.007 7455.495 7512.675 7569.856 7627.036 7684.217
15	2340.021 2354.550 2380.463 2406.365 2432.279 2458.181 2468.934 2479.687 2490.440 2501.193
20	1517.918 1520.083 1525.166 1530.238 1535.322 1540.394 1545.320 1550.257 1555.182 1560.108
25	1354.210 1353.827 1354.053 1354.289 1354.515 1354.740 1355.811 1356.882 1357.952 1359.023
30	1073.966 1071.486 1068.025 1064.565 1061.105 1057.644 1058.614 1059.572 1060.541 1061.499
35	439.816 440.245 440.098 439.952 439.805 439.658 443.164 446.658 450.164 453.669
40	82.181 83.218 84.469 85.720 86.971 88.223 89.925 91.627 93.329 95.031
45	45.334 45.357 45.368 45.391 45.402 45.424 45.402 45.391 45.368 45.357
50	41.626 41.536 41.423 41.310 41.198 41.085 41.028 40.972 40.916 40.859
55	39.868 39.676 39.462 39.236 39.022 38.797 38.684 38.560 38.447 38.323
60	32.507 32.372 32.169 31.955 31.752 31.549 31.493 31.436 31.380 31.324
65	22.701 22.667 22.656 22.645 22.633 22.622 22.599 22.577 22.554 22.532
70	15.735 15.735 15.746 15.746 15.758 15.758 15.746 15.735 15.724 15.713
75	10.742 10.731 10.731 10.719 10.719 10.719 10.697 10.685 10.663 10.652
80	5.884 5.884 5.884 5.895 5.895 5.895 5.895 5.906 5.895 5.906
85	1.217 1.217 1.217 1.206 1.206 1.206 1.206 1.206 1.195 1.195
90	0.473 0.473 0.473 0.496 0.496 0.496 0.496 0.496 0.496 0.496
95	1.217 1.217 1.217 1.206 1.206 1.206 1.206 1.206 1.195 1.195
100	5.884 5.884 5.884 5.895 5.895 5.895 5.895 5.906 5.895 5.906
105	10.742 10.731 10.731 10.719 10.719 10.719 10.697 10.685 10.663 10.652
110	15.735 15.735 15.746 15.746 15.758 15.758 15.746 15.735 15.724 15.713
115	22.701 22.667 22.656 22.645 22.633 22.622 22.599 22.577 22.554 22.532
120	32.507 32.372 32.169 31.955 31.752 31.549 31.493 31.436 31.380 31.324
125	39.868 39.676 39.462 39.236 39.022 38.797 38.684 38.560 38.447 38.323
130	41.626 41.536 41.423 41.310 41.198 41.085 41.028 40.972 40.916 40.859
135	45.334 45.357 45.368 45.391 45.402 45.424 45.402 45.391 45.368 45.357
140	82.181 83.218 84.469 85.720 86.971 88.223 89.925 91.627 93.329 95.031
145	439.816 440.245 440.098 439.952 439.805 439.658 443.164 446.658 450.164 453.669
150	1073.966 1071.486 1068.025 1064.565 1061.105 1057.644 1058.614 1059.572 1060.541 1061.499
155	1354.210 1353.827 1354.053 1354.289 1354.515 1354.740 1355.811 1356.882 1357.952 1359.023
160	1517.918 1520.083 1525.166 1530.238 1535.322 1540.394 1545.320 1550.257 1555.182 1560.108
165	2340.021 2354.550 2380.463 2406.365 2432.279 2458.181 2468.934 2479.687 2490.440 2501.193
170	7122.251 7165.556 7238.044 7310.531 7383.007 7455.495 7512.675 7569.856 7627.036 7684.217
175	23614.21223628.60523648.22923667.84223687.45423707.07823766.41223825.75623885.09023944.435
180	34829.12134829.12134829.12134829.12134829.12134829.12134829.12134829.12134829.121

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	34829.96634829.96634829.96634829.96634829.96634829.96634829.96634829.96634829.966									
5	23975.96123979.71523983.46823987.22123990.97523987.22123983.46823979.71523975.96123944.412									
10	7727.060 7755.544 7784.027 7812.510 7840.993 7812.510 7784.027 7755.544 7727.060 7684.217									
15	2516.556 2536.518 2556.480 2576.453 2596.415 2576.453 2556.480 2536.518 2516.556 2501.193									
20	1564.323 1567.818 1571.301 1574.795 1578.289 1574.795 1571.301 1567.818 1564.323 1560.108									
25	1360.939 1363.690 1366.440 1369.190 1371.940 1369.190 1366.440 1363.690 1360.939 1359.023									
30	1063.100 1065.343 1067.586 1069.829 1072.072 1069.829 1067.586 1065.343 1063.100 1061.499									
35	455.563 455.867 456.171 456.464 456.769 456.464 456.171 455.867 455.563 453.669									
40	95.831 95.729 95.639 95.538 95.448 95.538 95.639 95.729 95.831 95.031									
45	45.368 45.413 45.469 45.515 45.560 45.515 45.469 45.413 45.368 45.357									
50	40.826 40.792 40.758 40.735 40.702 40.735 40.758 40.792 40.826 40.859									
55	38.256 38.222 38.199 38.166 38.143 38.166 38.199 38.222 38.256 38.323									
60	31.346 31.448 31.549 31.651 31.752 31.651 31.549 31.448 31.346 31.324									
65	22.543 22.577 22.611 22.656 22.690 22.656 22.611 22.577 22.543 22.532									
70	15.713 15.724 15.735 15.746 15.758 15.746 15.735 15.724 15.713 15.713									
75	10.640 10.652 10.663 10.663 10.674 10.663 10.663 10.652 10.640 10.652									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	5.906	5.918	5.929	5.929	5.940	5.929	5.929	5.918	5.906	5.906
85	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195
90	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496
95	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195	1.195
100	5.906	5.918	5.929	5.929	5.940	5.929	5.929	5.918	5.906	5.906
105	10.640	10.652	10.663	10.663	10.674	10.663	10.663	10.652	10.640	10.652
110	15.713	15.724	15.735	15.746	15.758	15.746	15.735	15.724	15.713	15.713
115	22.543	22.577	22.611	22.656	22.690	22.656	22.611	22.577	22.543	22.532
120	31.346	31.448	31.549	31.651	31.752	31.651	31.549	31.448	31.346	31.324
125	38.256	38.222	38.199	38.166	38.143	38.166	38.199	38.222	38.256	38.323
130	40.826	40.792	40.758	40.735	40.702	40.735	40.758	40.792	40.826	40.859
135	45.368	45.413	45.469	45.515	45.560	45.515	45.469	45.413	45.368	45.357
140	95.831	95.729	95.639	95.538	95.448	95.538	95.639	95.729	95.831	95.031
145	455.563	455.867	456.171	456.464	456.769	456.464	456.171	455.867	455.563	453.669
150	1063.100	1065.343	1067.586	1069.829	1072.072	1069.829	1067.586	1065.343	1063.100	1061.499
155	1360.939	1363.690	1366.440	1369.190	1371.940	1369.190	1366.440	1363.690	1360.939	1359.023
160	1564.323	1567.818	1571.301	1574.795	1578.289	1574.795	1571.301	1567.818	1564.323	1560.108
165	2516.556	2536.518	2556.480	2576.453	2596.415	2576.453	2556.480	2536.518	2516.556	2501.193
170	7727.060	7755.544	7784.027	7812.510	7840.993	7812.510	7784.027	7755.544	7727.060	7684.217
175	23975.972	23979.726	23983.491	23987.244	23990.997	23987.244	23983.491	23979.737	23975.972	23944.435
180	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121

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	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966	34829.966
5	23885.067	23825.734	23766.389	23707.056	23687.443	23667.819	23648.207	23628.583	23614.189	23605.014
10	7627.036	7569.856	7512.675	7455.495	7383.007	7310.531	7238.044	7165.556	7122.251	7108.116
15	2490.440	2479.687	2468.934	2458.181	2432.279	2406.365	2380.463	2354.550	2340.021	2336.876
20	1555.182	1550.257	1545.320	1540.394	1535.322	1530.238	1525.166	1520.083	1517.918	1518.651
25	1357.952	1356.882	1355.811	1354.740	1354.515	1354.289	1354.053	1353.827	1354.210	1355.213
30	1060.541	1059.572	1058.614	1057.644	1061.105	1064.565	1068.025	1071.486	1073.966	1075.453
35	450.164	446.658	443.164	439.658	439.805	439.952	440.098	440.245	439.816	438.824
40	93.329	91.627	89.925	88.223	86.971	85.720	84.469	83.218	82.181	81.336
45	45.368	45.391	45.402	45.424	45.402	45.391	45.368	45.357	45.334	45.312
50	40.916	40.972	41.028	41.085	41.198	41.310	41.423	41.536	41.626	41.694
55	38.447	38.560	38.684	38.797	39.022	39.236	39.462	39.676	39.868	40.014
60	31.380	31.436	31.493	31.549	31.752	31.955	32.169	32.372	32.507	32.575
65	22.554	22.577	22.599	22.622	22.633	22.645	22.656	22.667	22.701	22.757
70	15.724	15.735	15.746	15.758	15.758	15.746	15.746	15.735	15.735	15.746
75	10.663	10.685	10.697	10.719	10.719	10.719	10.731	10.731	10.742	10.753
80	5.895	5.906	5.895	5.895	5.895	5.895	5.884	5.884	5.884	5.884
85	1.195	1.206	1.206	1.206	1.206	1.206	1.217	1.217	1.217	1.217
90	0.496	0.496	0.496	0.496	0.496	0.496	0.473	0.473	0.473	0.473
95	1.195	1.206	1.206	1.206	1.206	1.206	1.217	1.217	1.217	1.217
100	5.895	5.906	5.895	5.895	5.895	5.895	5.884	5.884	5.884	5.884
105	10.663	10.685	10.697	10.719	10.719	10.719	10.731	10.731	10.742	10.753
110	15.724	15.735	15.746	15.758	15.758	15.746	15.746	15.735	15.735	15.746
115	22.554	22.577	22.599	22.622	22.633	22.645	22.656	22.667	22.701	22.757
120	31.380	31.436	31.493	31.549	31.752	31.955	32.169	32.372	32.507	32.575
125	38.447	38.560	38.684	38.797	39.022	39.236	39.462	39.676	39.868	40.014
130	40.916	40.972	41.028	41.085	41.198	41.310	41.423	41.536	41.626	41.694
135	45.368	45.391	45.402	45.424	45.402	45.391	45.368	45.357	45.334	45.312
140	93.329	91.627	89.925	88.223	86.971	85.720	84.469	83.218	82.181	81.336
145	450.164	446.658	443.164	439.658	439.805	439.952	440.098	440.245	439.816	438.824
150	1060.541	1059.572	1058.614	1057.644	1061.105	1064.565	1068.025	1071.486	1073.966	1075.453

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

155	1357.952	1356.882	1355.811	1354.740	1354.515	1354.289	1354.053	1353.827	1354.210	1355.213
160	1555.182	1550.257	1545.320	1540.394	1535.322	1530.238	1525.166	1520.083	1517.918	1518.651
165	2490.440	2479.687	2468.934	2458.181	2432.279	2406.365	2380.463	2354.550	2340.021	2336.876
170	7627.036	7569.856	7512.675	7455.495	7383.007	7310.531	7238.044	7165.556	7122.251	7108.116
175	23885.090	23825.756	23766.412	23707.078	23687.466	23667.842	23648.229	23628.605	23614.212	23605.037
180	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121	34829.121

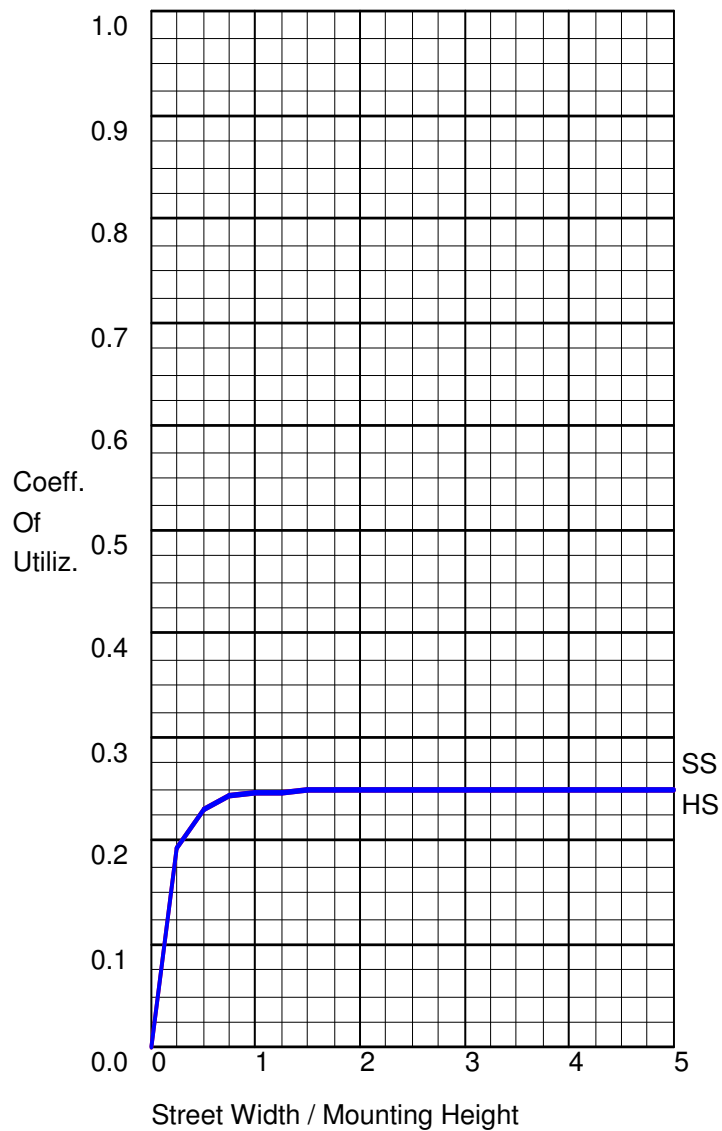
Vert. Horizontal Angles

	350	355	360
0	34829.966	34829.966	34829.966
5	23595.850	23586.675	23577.500
10	7093.982	7079.847	7065.713
15	2333.720	2330.575	2327.419
20	1519.384	1520.116	1520.849
25	1356.205	1357.209	1358.200
30	1076.952	1078.440	1079.928
35	437.844	436.852	435.860
40	80.490	79.645	78.799
45	45.278	45.255	45.233
50	41.750	41.817	41.885
55	40.161	40.307	40.454
60	32.654	32.721	32.789
65	22.814	22.870	22.926
70	15.746	15.758	15.758
75	10.764	10.787	10.798
80	5.895	5.895	5.895
85	1.240	1.240	1.240
90	0.451	0.451	0.451
95	1.240	1.240	1.240
100	5.895	5.895	5.895
105	10.764	10.787	10.798
110	15.746	15.758	15.758
115	22.814	22.870	22.926
120	32.654	32.721	32.789
125	40.161	40.307	40.454
130	41.750	41.817	41.885
135	45.278	45.255	45.233
140	80.490	79.645	78.799
145	437.844	436.852	435.860
150	1076.952	1078.440	1079.928
155	1356.205	1357.209	1358.200
160	1519.384	1520.116	1520.849
165	2333.720	2330.575	2327.419
170	7093.982	7079.847	7065.713
175	23595.873	23586.698	23577.523
180	34829.121	34829.121	34829.121

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-S-XX_.IES

COEFFICIENTS OF UTILIZATION



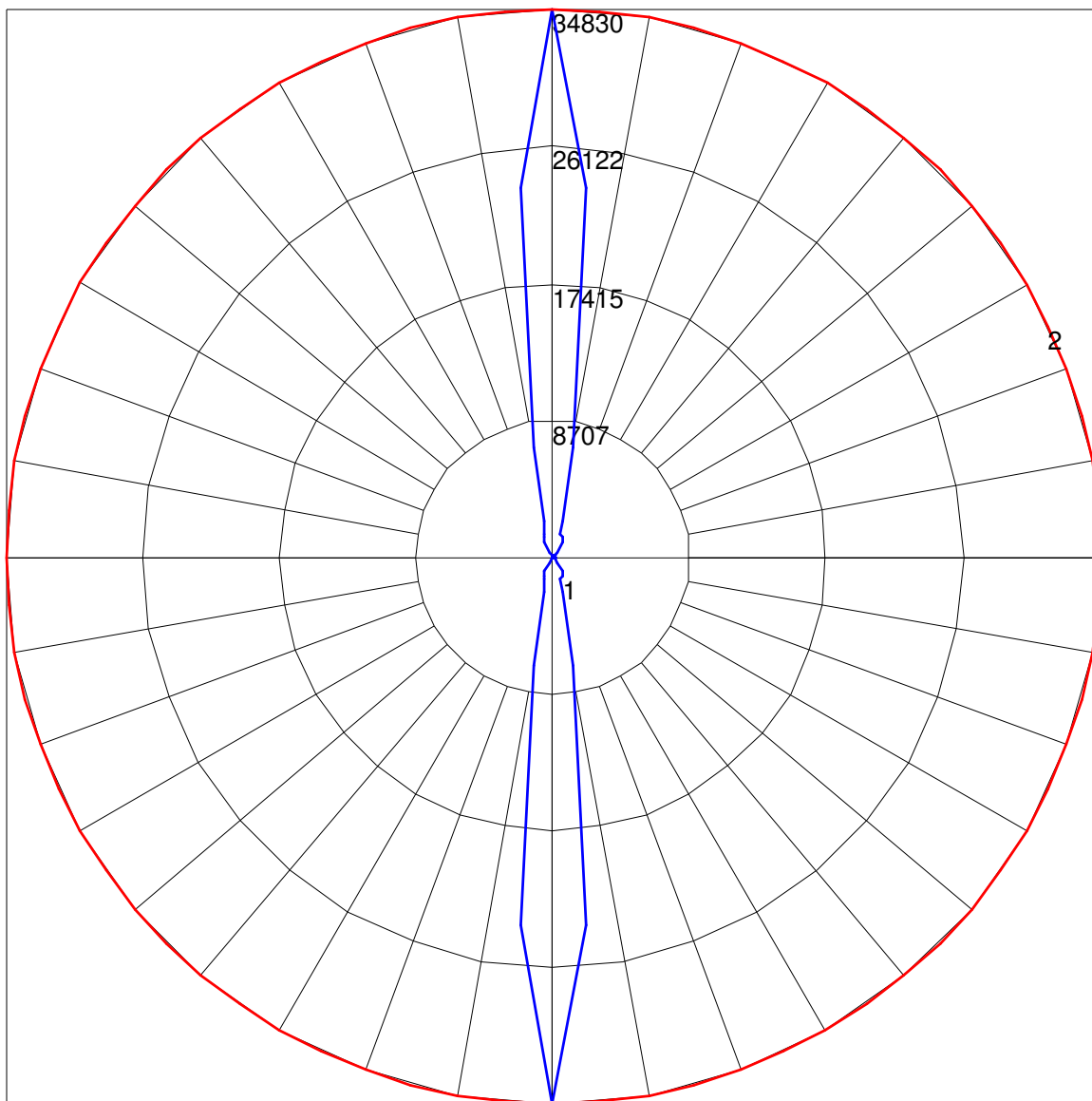
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1883.7	25.0
Downward House Side	1883.7	25.0
Downward Total	3767.4	50.0
Upward Street Side	1883.7	25.0
Upward House Side	1883.7	25.0
Upward Total	3767.4	50.0
Total Flux	7534.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-950U-L40-950D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 34829.966 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

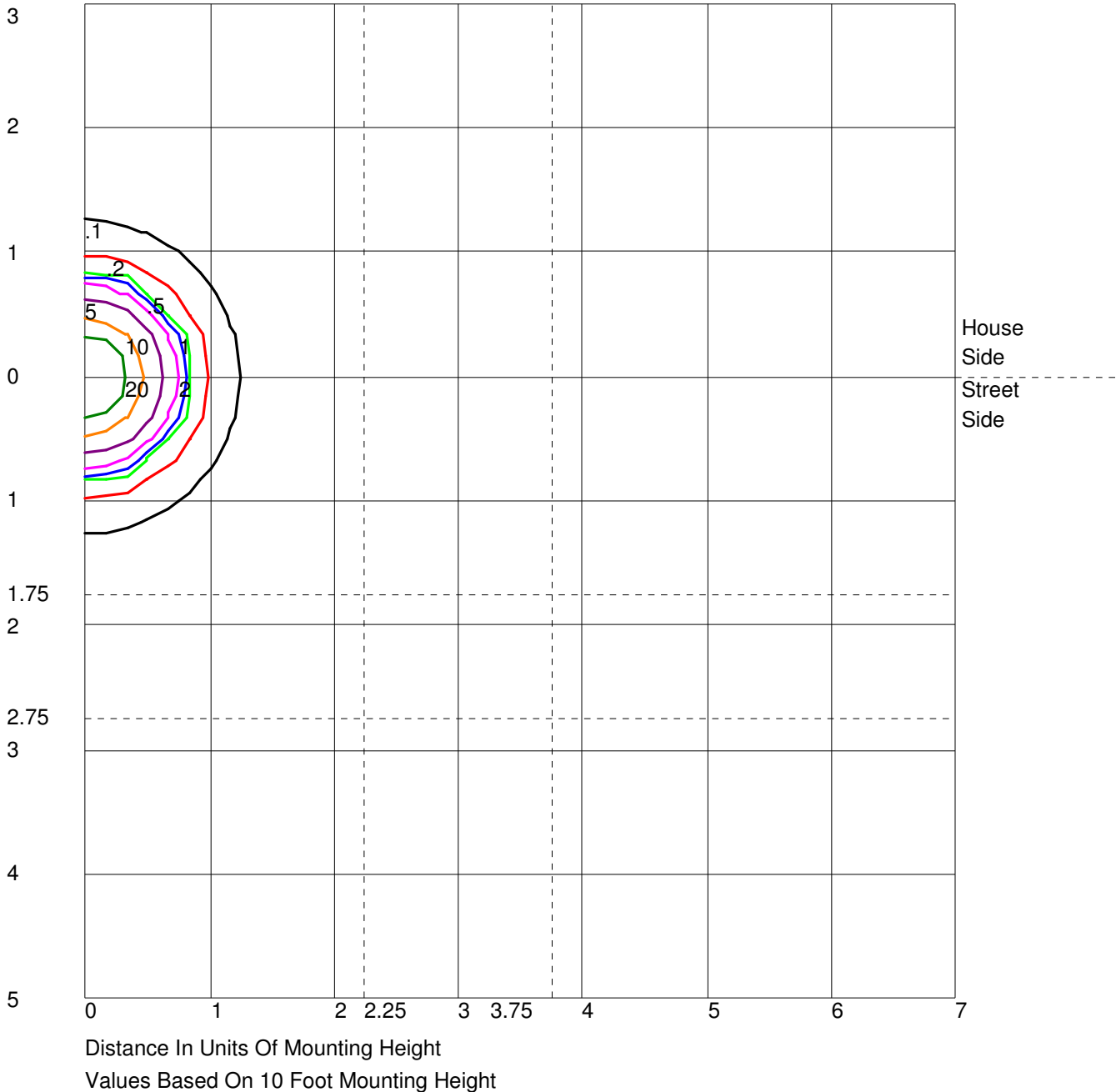


PHOTO LUMENS

