

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-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-L30-930U-L30-930D-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	5793
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	26778.031
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	26778.031
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.381 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	4.567 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1285.0	N.A.	22.2
FM - Front-Medium (30-60)	149.1	N.A.	2.6
FH - Front-High (60-80)	13.2	N.A.	0.2
FVH - Front-Very High (80-90)	0.9	N.A.	0.0
BL - Back-Low (0-30)	1285.0	N.A.	22.2
BM - Back-Medium (30-60)	149.1	N.A.	2.6
BH - Back-High (60-80)	13.2	N.A.	0.2
BVH - Back-Very High (80-90)	0.9	N.A.	0.0
UL - Uplight-Low (90-100)	1.8	N.A.	0.0
UH - Uplight-High (100-180)	2894.6	N.A.	50.0
Total	5792.8	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	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031
5	18126.892	18133.946	18141.000	18148.045	18155.099	18166.165	18181.253	18196.331	18211.418	18226.497
10	5432.273	5443.140	5454.007	5464.874	5475.740	5509.035	5564.764	5620.494	5676.216	5731.945
15	1789.370	1791.797	1794.215	1796.641	1799.059	1810.229	1830.152	1850.066	1869.988	1889.903
20	1169.262	1168.698	1168.135	1167.572	1167.009	1168.672	1172.581	1176.480	1180.389	1184.288
25	1044.214	1043.451	1042.680	1041.917	1041.146	1040.852	1041.025	1041.207	1041.380	1041.553
30	830.272	829.128	827.984	826.832	825.688	823.781	821.121	818.461	815.800	813.140
35	335.099	335.861	336.624	337.378	338.140	338.470	338.357	338.244	338.132	338.019
40	60.583	61.233	61.883	62.533	63.182	63.980	64.942	65.904	66.865	67.827
45	34.776	34.793	34.811	34.837	34.854	34.871	34.880	34.897	34.906	34.923
50	32.202	32.150	32.098	32.055	32.003	31.934	31.847	31.760	31.674	31.587
55	31.102	30.989	30.876	30.764	30.651	30.504	30.339	30.166	30.001	29.828
60	25.209	25.157	25.105	25.044	24.992	24.888	24.732	24.568	24.412	24.256
65	17.626	17.583	17.540	17.496	17.453	17.427	17.418	17.410	17.401	17.392
70	12.115	12.115	12.106	12.106	12.097	12.097	12.106	12.106	12.115	12.115
75	8.302	8.293	8.276	8.267	8.259	8.250	8.250	8.241	8.241	8.241
80	4.532	4.532	4.532	4.524	4.524	4.524	4.524	4.532	4.532	4.532
85	0.953	0.953	0.953	0.936	0.936	0.936	0.936	0.927	0.927	0.927
90	0.347	0.347	0.347	0.364	0.364	0.364	0.364	0.381	0.381	0.381
95	0.953	0.953	0.953	0.936	0.936	0.936	0.936	0.927	0.927	0.927
100	4.532	4.532	4.532	4.524	4.524	4.524	4.524	4.532	4.532	4.532
105	8.302	8.293	8.276	8.267	8.259	8.250	8.250	8.241	8.241	8.241
110	12.115	12.115	12.106	12.106	12.097	12.097	12.106	12.106	12.115	12.115
115	17.626	17.583	17.540	17.496	17.453	17.427	17.418	17.410	17.401	17.392
120	25.209	25.157	25.105	25.044	24.992	24.888	24.732	24.568	24.412	24.256
125	31.102	30.989	30.876	30.764	30.651	30.504	30.339	30.166	30.001	29.828
130	32.202	32.150	32.098	32.055	32.003	31.934	31.847	31.760	31.674	31.587
135	34.776	34.793	34.811	34.837	34.854	34.871	34.880	34.897	34.906	34.923
140	60.583	61.233	61.883	62.533	63.182	63.980	64.942	65.904	66.865	67.827
145	335.099	335.861	336.624	337.378	338.140	338.470	338.357	338.244	338.132	338.019
150	830.272	829.128	827.984	826.832	825.688	823.781	821.121	818.461	815.800	813.140
155	1044.214	1043.451	1042.680	1041.917	1041.146	1040.852	1041.025	1041.207	1041.380	1041.553
160	1169.262	1168.698	1168.135	1167.572	1167.009	1168.672	1172.581	1176.480	1180.389	1184.288
165	1789.370	1791.797	1794.215	1796.641	1799.059	1810.229	1830.152	1850.066	1869.988	1889.903
170	5432.273	5443.140	5454.007	5464.874	5475.740	5509.035	5564.764	5620.494	5676.216	5731.945
175	18126.909	18133.963	18141.017	18148.062	18155.116	18166.183	18181.270	18196.348	18211.436	18226.514
180	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031
5	18272.114	18317.739	18363.356	18408.982	18433.237	18436.123	18439.009	18441.894	18444.780	18441.894
10	5775.907	5819.869	5863.831	5907.792	5940.731	5962.630	5984.528	6006.427	6028.325	6006.427
15	1898.170	1906.437	1914.704	1922.971	1934.783	1950.130	1965.477	1980.833	1996.180	1980.833
20	1188.075	1191.871	1195.658	1199.445	1202.686	1205.372	1208.050	1210.736	1213.423	1210.736
25	1042.377	1043.200	1044.023	1044.846	1046.320	1048.434	1050.549	1052.663	1054.778	1052.663
30	813.885	814.622	815.367	816.104	817.334	819.059	820.783	822.508	824.232	822.508
35	340.714	343.400	346.095	348.791	350.246	350.480	350.714	350.940	351.174	350.940
40	69.136	70.444	71.753	73.062	73.677	73.599	73.529	73.451	73.382	73.451
45	34.906	34.897	34.880	34.871	34.880	34.915	34.958	34.993	35.027	34.993
50	31.544	31.500	31.457	31.414	31.388	31.362	31.336	31.318	31.292	31.318
55	29.741	29.646	29.559	29.464	29.412	29.386	29.368	29.342	29.325	29.342

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CANDELA TABULATION - (Cont.)

60	24.212	24.169	24.126	24.082	24.100	24.178	24.256	24.334	24.412	24.334
65	17.375	17.358	17.340	17.323	17.332	17.358	17.384	17.418	17.444	17.418
70	12.106	12.097	12.089	12.080	12.080	12.089	12.097	12.106	12.115	12.106
75	8.224	8.215	8.198	8.189	8.181	8.189	8.198	8.198	8.207	8.198
80	4.532	4.541	4.532	4.541	4.541	4.550	4.558	4.558	4.567	4.558
85	0.927	0.927	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919
90	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381
95	0.927	0.927	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919
100	4.532	4.541	4.532	4.541	4.541	4.550	4.558	4.558	4.567	4.558
105	8.224	8.215	8.198	8.189	8.181	8.189	8.198	8.198	8.207	8.198
110	12.106	12.097	12.089	12.080	12.080	12.089	12.097	12.106	12.115	12.106
115	17.375	17.358	17.340	17.323	17.332	17.358	17.384	17.418	17.444	17.418
120	24.212	24.169	24.126	24.082	24.100	24.178	24.256	24.334	24.412	24.334
125	29.741	29.646	29.559	29.464	29.412	29.386	29.368	29.342	29.325	29.342
130	31.544	31.500	31.457	31.414	31.388	31.362	31.336	31.318	31.292	31.318
135	34.906	34.897	34.880	34.871	34.880	34.915	34.958	34.993	35.027	34.993
140	69.136	70.444	71.753	73.062	73.677	73.599	73.529	73.451	73.382	73.451
145	340.714	343.400	346.095	348.791	350.246	350.480	350.714	350.940	351.174	350.940
150	813.885	814.622	815.367	816.104	817.334	819.059	820.783	822.508	824.232	822.508
155	1042.377	1043.200	1044.023	1044.846	1046.320	1048.434	1050.549	1052.663	1054.778	1052.663
160	1188.075	1191.871	1195.658	1199.445	1202.686	1205.372	1208.050	1210.736	1213.423	1210.736
165	1898.170	1906.437	1914.704	1922.971	1934.783	1950.130	1965.477	1980.833	1996.180	1980.833
170	5775.907	5819.869	5863.831	5907.792	5940.731	5962.630	5984.528	6006.427	6028.325	6006.427
175	18272.131	18317.757	18363.373	18408.999	18433.246	18436.140	18439.026	18441.912	18444.797	18441.912
180	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031
5	18439.009	18436.123	18433.237	18408.982	18363.356	18317.739	18272.114	18226.497	18211.418	18196.331
10	5984.528	5962.630	5940.731	5907.792	5863.831	5819.869	5775.907	5731.945	5676.216	5620.494
15	1965.477	1950.130	1934.783	1922.971	1914.704	1906.437	1898.170	1889.903	1869.988	1850.066
20	1208.050	1205.372	1202.686	1199.445	1195.658	1191.871	1188.075	1184.288	1180.389	1176.480
25	1050.549	1048.434	1046.320	1044.846	1044.023	1043.200	1042.377	1041.553	1041.380	1041.207
30	820.783	819.059	817.334	816.104	815.367	814.622	813.885	813.140	815.800	818.461
35	350.714	350.480	350.246	348.791	346.095	343.400	340.714	338.019	338.132	338.244
40	73.529	73.599	73.677	73.062	71.753	70.444	69.136	67.827	66.865	65.904
45	34.958	34.915	34.880	34.871	34.880	34.897	34.906	34.923	34.906	34.897
50	31.336	31.362	31.388	31.414	31.457	31.500	31.544	31.587	31.674	31.760
55	29.368	29.386	29.412	29.464	29.559	29.646	29.741	29.828	30.001	30.166
60	24.256	24.178	24.100	24.082	24.126	24.169	24.212	24.256	24.412	24.568
65	17.384	17.358	17.332	17.323	17.340	17.358	17.375	17.392	17.401	17.410
70	12.097	12.089	12.080	12.080	12.089	12.097	12.106	12.115	12.115	12.106
75	8.198	8.189	8.181	8.189	8.198	8.215	8.224	8.241	8.241	8.241
80	4.558	4.550	4.541	4.541	4.532	4.541	4.532	4.532	4.532	4.532
85	0.919	0.919	0.919	0.919	0.919	0.927	0.927	0.927	0.927	0.927
90	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381
95	0.919	0.919	0.919	0.919	0.919	0.927	0.927	0.927	0.927	0.927
100	4.558	4.550	4.541	4.541	4.532	4.541	4.532	4.532	4.532	4.532
105	8.198	8.189	8.181	8.189	8.198	8.215	8.224	8.241	8.241	8.241
110	12.097	12.089	12.080	12.080	12.089	12.097	12.106	12.115	12.115	12.106
115	17.384	17.358	17.332	17.323	17.340	17.358	17.375	17.392	17.401	17.410
120	24.256	24.178	24.100	24.082	24.126	24.169	24.212	24.256	24.412	24.568
125	29.368	29.386	29.412	29.464	29.559	29.646	29.741	29.828	30.001	30.166
130	31.336	31.362	31.388	31.414	31.457	31.500	31.544	31.587	31.674	31.760

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CANDELA TABULATION - (Cont.)

135	34.958	34.915	34.880	34.871	34.880	34.897	34.906	34.923	34.906	34.897
140	73.529	73.599	73.677	73.062	71.753	70.444	69.136	67.827	66.865	65.904
145	350.714	350.480	350.246	348.791	346.095	343.400	340.714	338.019	338.132	338.244
150	820.783	819.059	817.334	816.104	815.367	814.622	813.885	813.140	815.800	818.461
155	1050.549	1048.434	1046.320	1044.846	1044.023	1043.200	1042.377	1041.553	1041.380	1041.207
160	1208.050	1205.372	1202.686	1199.445	1195.658	1191.871	1188.075	1184.288	1180.389	1176.480
165	1965.477	1950.130	1934.783	1922.971	1914.704	1906.437	1898.170	1889.903	1869.988	1850.066
170	5984.528	5962.630	5940.731	5907.792	5863.831	5819.869	5775.907	5731.945	5676.216	5620.494
175	18439.026	18436.132	18433.246	18408.999	18363.373	18317.757	18272.131	18226.514	18211.427	18196.348
180	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381

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	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031
5	18181.253	18166.165	18155.099	18148.045	18141.000	18133.946	18126.892	18133.946	18141.000	18148.045
10	5564.764	5509.035	5475.740	5464.874	5454.007	5443.140	5432.273	5443.140	5454.007	5464.874
15	1830.152	1810.229	1799.059	1796.641	1794.215	1791.797	1789.370	1791.797	1794.215	1796.641
20	1172.581	1168.672	1167.009	1167.572	1168.135	1168.698	1169.262	1168.698	1168.135	1167.572
25	1041.025	1040.852	1041.146	1041.917	1042.680	1043.451	1044.214	1043.451	1042.680	1041.917
30	821.121	823.781	825.688	826.832	827.984	829.128	830.272	829.128	827.984	826.832
35	338.357	338.470	338.140	337.378	336.624	335.861	335.099	335.861	336.624	337.378
40	64.942	63.980	63.182	62.533	61.883	61.233	60.583	61.233	61.883	62.533
45	34.880	34.871	34.854	34.837	34.811	34.793	34.776	34.793	34.811	34.837
50	31.847	31.934	32.003	32.055	32.098	32.150	32.202	32.150	32.098	32.055
55	30.339	30.504	30.651	30.764	30.876	30.989	31.102	30.989	30.876	30.764
60	24.732	24.888	24.992	25.044	25.105	25.157	25.209	25.157	25.105	25.044
65	17.418	17.427	17.453	17.496	17.540	17.583	17.626	17.583	17.540	17.496
70	12.106	12.097	12.097	12.106	12.106	12.115	12.115	12.115	12.106	12.106
75	8.250	8.250	8.259	8.267	8.276	8.293	8.302	8.293	8.276	8.267
80	4.524	4.524	4.524	4.524	4.532	4.532	4.532	4.532	4.532	4.524
85	0.936	0.936	0.936	0.936	0.953	0.953	0.953	0.953	0.953	0.936
90	0.364	0.364	0.364	0.364	0.347	0.347	0.347	0.347	0.347	0.364
95	0.936	0.936	0.936	0.936	0.953	0.953	0.953	0.953	0.953	0.936
100	4.524	4.524	4.524	4.524	4.532	4.532	4.532	4.532	4.532	4.524
105	8.250	8.250	8.259	8.267	8.276	8.293	8.302	8.293	8.276	8.267
110	12.106	12.097	12.097	12.106	12.106	12.115	12.115	12.115	12.106	12.106
115	17.418	17.427	17.453	17.496	17.540	17.583	17.626	17.583	17.540	17.496
120	24.732	24.888	24.992	25.044	25.105	25.157	25.209	25.157	25.105	25.044
125	30.339	30.504	30.651	30.764	30.876	30.989	31.102	30.989	30.876	30.764
130	31.847	31.934	32.003	32.055	32.098	32.150	32.202	32.150	32.098	32.055
135	34.880	34.871	34.854	34.837	34.811	34.793	34.776	34.793	34.811	34.837
140	64.942	63.980	63.182	62.533	61.883	61.233	60.583	61.233	61.883	62.533
145	338.357	338.470	338.140	337.378	336.624	335.861	335.099	335.861	336.624	337.378
150	821.121	823.781	825.688	826.832	827.984	829.128	830.272	829.128	827.984	826.832
155	1041.025	1040.852	1041.146	1041.917	1042.680	1043.451	1044.214	1043.451	1042.680	1041.917
160	1172.581	1168.672	1167.009	1167.572	1168.135	1168.698	1169.262	1168.698	1168.135	1167.572
165	1830.152	1810.229	1799.059	1796.641	1794.215	1791.797	1789.370	1791.797	1794.215	1796.641
170	5564.764	5509.035	5475.740	5464.874	5454.007	5443.140	5432.273	5443.140	5454.007	5464.874
175	18181.270	18166.183	18155.116	18148.062	18141.009	18133.963	18126.909	18133.963	18141.009	18148.062
180	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381

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	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	18155.099	18166.165	18181.253	18196.331	18211.418	18226.497	18272.114	18317.739	18363.356	18408.982
10	5475.740	5509.035	5564.764	5620.494	5676.216	5731.945	5775.907	5819.869	5863.831	5907.792
15	1799.059	1810.229	1830.152	1850.066	1869.988	1889.903	1898.170	1906.437	1914.704	1922.971
20	1167.009	1168.672	1172.581	1176.480	1180.389	1184.288	1188.075	1191.871	1195.658	1199.445
25	1041.146	1040.852	1041.025	1041.207	1041.380	1041.553	1042.377	1043.200	1044.023	1044.846
30	825.688	823.781	821.121	818.461	815.800	813.140	813.885	814.622	815.367	816.104
35	338.140	338.470	338.357	338.244	338.132	338.019	340.714	343.400	346.095	348.791
40	63.182	63.980	64.942	65.904	66.865	67.827	69.136	70.444	71.753	73.062
45	34.854	34.871	34.880	34.897	34.906	34.923	34.906	34.897	34.880	34.871
50	32.003	31.934	31.847	31.760	31.674	31.587	31.544	31.500	31.457	31.414
55	30.651	30.504	30.339	30.166	30.001	29.828	29.741	29.646	29.559	29.464
60	24.992	24.888	24.732	24.568	24.412	24.256	24.212	24.169	24.126	24.082
65	17.453	17.427	17.418	17.410	17.401	17.392	17.375	17.358	17.340	17.323
70	12.097	12.097	12.106	12.106	12.115	12.115	12.106	12.097	12.089	12.080
75	8.259	8.250	8.250	8.241	8.241	8.241	8.224	8.215	8.198	8.189
80	4.524	4.524	4.524	4.532	4.532	4.532	4.532	4.541	4.532	4.541
85	0.936	0.936	0.936	0.927	0.927	0.927	0.927	0.927	0.919	0.919
90	0.364	0.364	0.364	0.381	0.381	0.381	0.381	0.381	0.381	0.381
95	0.936	0.936	0.936	0.927	0.927	0.927	0.927	0.927	0.919	0.919
100	4.524	4.524	4.524	4.532	4.532	4.532	4.532	4.541	4.532	4.541
105	8.259	8.250	8.250	8.241	8.241	8.241	8.224	8.215	8.198	8.189
110	12.097	12.097	12.106	12.106	12.115	12.115	12.106	12.097	12.089	12.080
115	17.453	17.427	17.418	17.410	17.401	17.392	17.375	17.358	17.340	17.323
120	24.992	24.888	24.732	24.568	24.412	24.256	24.212	24.169	24.126	24.082
125	30.651	30.504	30.339	30.166	30.001	29.828	29.741	29.646	29.559	29.464
130	32.003	31.934	31.847	31.760	31.674	31.587	31.544	31.500	31.457	31.414
135	34.854	34.871	34.880	34.897	34.906	34.923	34.906	34.897	34.880	34.871
140	63.182	63.980	64.942	65.904	66.865	67.827	69.136	70.444	71.753	73.062
145	338.140	338.470	338.357	338.244	338.132	338.019	340.714	343.400	346.095	348.791
150	825.688	823.781	821.121	818.461	815.800	813.140	813.885	814.622	815.367	816.104
155	1041.146	1040.852	1041.025	1041.207	1041.380	1041.553	1042.377	1043.200	1044.023	1044.846
160	1167.009	1168.672	1172.581	1176.480	1180.389	1184.288	1188.075	1191.871	1195.658	1199.445
165	1799.059	1810.229	1830.152	1850.066	1869.988	1889.903	1898.170	1906.437	1914.704	1922.971
170	5475.740	5509.035	5564.764	5620.494	5676.216	5731.945	5775.907	5819.869	5863.831	5907.792
175	18155.116	18166.183	18181.270	18196.348	18211.427	18226.514	18272.131	18317.757	18363.373	18408.999
180	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381

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	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031
5	18433.237	18436.123	18439.009	18441.894	18444.780	18441.894	18439.009	18436.123	18433.237	18408.982
10	5940.731	5962.630	5984.528	6006.427	6028.325	6006.427	5984.528	5962.630	5940.731	5907.792
15	1934.783	1950.130	1965.477	1980.833	1996.180	1980.833	1965.477	1950.130	1934.783	1922.971
20	1202.686	1205.372	1208.050	1210.736	1213.423	1210.736	1208.050	1205.372	1202.686	1199.445
25	1046.320	1048.434	1050.549	1052.663	1054.778	1052.663	1050.549	1048.434	1046.320	1044.846
30	817.334	819.059	820.783	822.508	824.232	822.508	820.783	819.059	817.334	816.104
35	350.246	350.480	350.714	350.940	351.174	350.940	350.714	350.480	350.246	348.791
40	73.677	73.599	73.529	73.451	73.382	73.451	73.529	73.599	73.677	73.062
45	34.880	34.915	34.958	34.993	35.027	34.993	34.958	34.915	34.880	34.871
50	31.388	31.362	31.336	31.318	31.292	31.318	31.336	31.362	31.388	31.414
55	29.412	29.386	29.368	29.342	29.325	29.342	29.368	29.386	29.412	29.464
60	24.100	24.178	24.256	24.334	24.412	24.334	24.256	24.178	24.100	24.082
65	17.332	17.358	17.384	17.418	17.444	17.418	17.384	17.358	17.332	17.323
70	12.080	12.089	12.097	12.106	12.115	12.106	12.097	12.089	12.080	12.080
75	8.181	8.189	8.198	8.198	8.207	8.198	8.198	8.189	8.181	8.189

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	4.541	4.550	4.558	4.558	4.567	4.558	4.558	4.550	4.541	4.541
85	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919
90	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381
95	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919	0.919
100	4.541	4.550	4.558	4.558	4.567	4.558	4.558	4.550	4.541	4.541
105	8.181	8.189	8.198	8.198	8.207	8.198	8.198	8.189	8.181	8.189
110	12.080	12.089	12.097	12.106	12.115	12.106	12.097	12.089	12.080	12.080
115	17.332	17.358	17.384	17.418	17.444	17.418	17.384	17.358	17.332	17.323
120	24.100	24.178	24.256	24.334	24.412	24.334	24.256	24.178	24.100	24.082
125	29.412	29.386	29.368	29.342	29.325	29.342	29.368	29.386	29.412	29.464
130	31.388	31.362	31.336	31.318	31.292	31.318	31.336	31.362	31.388	31.414
135	34.880	34.915	34.958	34.993	35.027	34.993	34.958	34.915	34.880	34.871
140	73.677	73.599	73.529	73.451	73.382	73.451	73.529	73.599	73.677	73.062
145	350.246	350.480	350.714	350.940	351.174	350.940	350.714	350.480	350.246	348.791
150	817.334	819.059	820.783	822.508	824.232	822.508	820.783	819.059	817.334	816.104
155	1046.320	1048.434	1050.549	1052.663	1054.778	1052.663	1050.549	1048.434	1046.320	1044.846
160	1202.686	1205.372	1208.050	1210.736	1213.423	1210.736	1208.050	1205.372	1202.686	1199.445
165	1934.783	1950.130	1965.477	1980.833	1996.180	1980.833	1965.477	1950.130	1934.783	1922.971
170	5940.731	5962.630	5984.528	6006.427	6028.325	6006.427	5984.528	5962.630	5940.731	5907.792
175	18433.246	18436.132	18439.026	18441.912	18444.797	18441.912	18439.026	18436.140	18433.246	18408.999
180	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381

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	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031	26778.031
5	18363.356	18317.739	18272.114	18226.497	18211.418	18196.331	18181.253	18166.165	18155.099	18148.045
10	5863.831	5819.869	5775.907	5731.945	5676.216	5620.494	5564.764	5509.035	5475.740	5464.874
15	1914.704	1906.437	1898.170	1889.903	1869.988	1850.066	1830.152	1810.229	1799.059	1796.641
20	1195.658	1191.871	1188.075	1184.288	1180.389	1176.480	1172.581	1168.672	1167.009	1167.572
25	1044.023	1043.200	1042.377	1041.553	1041.380	1041.207	1041.025	1040.852	1041.146	1041.917
30	815.367	814.622	813.885	813.140	815.800	818.461	821.121	823.781	825.688	826.832
35	346.095	343.400	340.714	338.019	338.132	338.244	338.357	338.470	338.140	337.378
40	71.753	70.444	69.136	67.827	66.865	65.904	64.942	63.980	63.182	62.533
45	34.880	34.897	34.906	34.923	34.906	34.897	34.880	34.871	34.854	34.837
50	31.457	31.500	31.544	31.587	31.674	31.760	31.847	31.934	32.003	32.055
55	29.559	29.646	29.741	29.828	30.001	30.166	30.339	30.504	30.651	30.764
60	24.126	24.169	24.212	24.256	24.412	24.568	24.732	24.888	24.992	25.044
65	17.340	17.358	17.375	17.392	17.401	17.410	17.418	17.427	17.453	17.496
70	12.089	12.097	12.106	12.115	12.115	12.106	12.106	12.097	12.097	12.106
75	8.198	8.215	8.224	8.241	8.241	8.241	8.250	8.250	8.259	8.267
80	4.532	4.541	4.532	4.532	4.532	4.532	4.524	4.524	4.524	4.524
85	0.919	0.927	0.927	0.927	0.927	0.927	0.936	0.936	0.936	0.936
90	0.381	0.381	0.381	0.381	0.381	0.381	0.364	0.364	0.364	0.364
95	0.919	0.927	0.927	0.927	0.927	0.927	0.936	0.936	0.936	0.936
100	4.532	4.541	4.532	4.532	4.532	4.532	4.524	4.524	4.524	4.524
105	8.198	8.215	8.224	8.241	8.241	8.241	8.250	8.250	8.259	8.267
110	12.089	12.097	12.106	12.115	12.115	12.106	12.106	12.097	12.097	12.106
115	17.340	17.358	17.375	17.392	17.401	17.410	17.418	17.427	17.453	17.496
120	24.126	24.169	24.212	24.256	24.412	24.568	24.732	24.888	24.992	25.044
125	29.559	29.646	29.741	29.828	30.001	30.166	30.339	30.504	30.651	30.764
130	31.457	31.500	31.544	31.587	31.674	31.760	31.847	31.934	32.003	32.055
135	34.880	34.897	34.906	34.923	34.906	34.897	34.880	34.871	34.854	34.837
140	71.753	70.444	69.136	67.827	66.865	65.904	64.942	63.980	63.182	62.533
145	346.095	343.400	340.714	338.019	338.132	338.244	338.357	338.470	338.140	337.378
150	815.367	814.622	813.885	813.140	815.800	818.461	821.121	823.781	825.688	826.832

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

155	1044.023	1043.200	1042.377	1041.553	1041.380	1041.207	1041.025	1040.852	1041.146	1041.917
160	1195.658	1191.871	1188.075	1184.288	1180.389	1176.480	1172.581	1168.672	1167.009	1167.572
165	1914.704	1906.437	1898.170	1889.903	1869.988	1850.066	1830.152	1810.229	1799.059	1796.641
170	5863.831	5819.869	5775.907	5731.945	5676.216	5620.494	5564.764	5509.035	5475.740	5464.874
175	18363.373	18317.757	18272.131	18226.514	18211.436	18196.348	18181.270	18166.183	18155.116	18148.062
180	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381	26777.381

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	26778.031	26778.031	26778.031
5	18141.000	18133.946	18126.892
10	5454.007	5443.140	5432.273
15	1794.215	1791.797	1789.370
20	1168.135	1168.698	1169.262
25	1042.680	1043.451	1044.214
30	827.984	829.128	830.272
35	336.624	335.861	335.099
40	61.883	61.233	60.583
45	34.811	34.793	34.776
50	32.098	32.150	32.202
55	30.876	30.989	31.102
60	25.105	25.157	25.209
65	17.540	17.583	17.626
70	12.106	12.115	12.115
75	8.276	8.293	8.302
80	4.532	4.532	4.532
85	0.953	0.953	0.953
90	0.347	0.347	0.347
95	0.953	0.953	0.953
100	4.532	4.532	4.532
105	8.276	8.293	8.302
110	12.106	12.115	12.115
115	17.540	17.583	17.626
120	25.105	25.157	25.209
125	30.876	30.989	31.102
130	32.098	32.150	32.202
135	34.811	34.793	34.776
140	61.883	61.233	60.583
145	336.624	335.861	335.099
150	827.984	829.128	830.272
155	1042.680	1043.451	1044.214
160	1168.135	1168.698	1169.262
165	1794.215	1791.797	1789.370
170	5454.007	5443.140	5432.273
175	18141.017	18133.963	18126.909
180	26777.381	26777.381	26777.381

COEFFICIENTS OF UTILIZATION



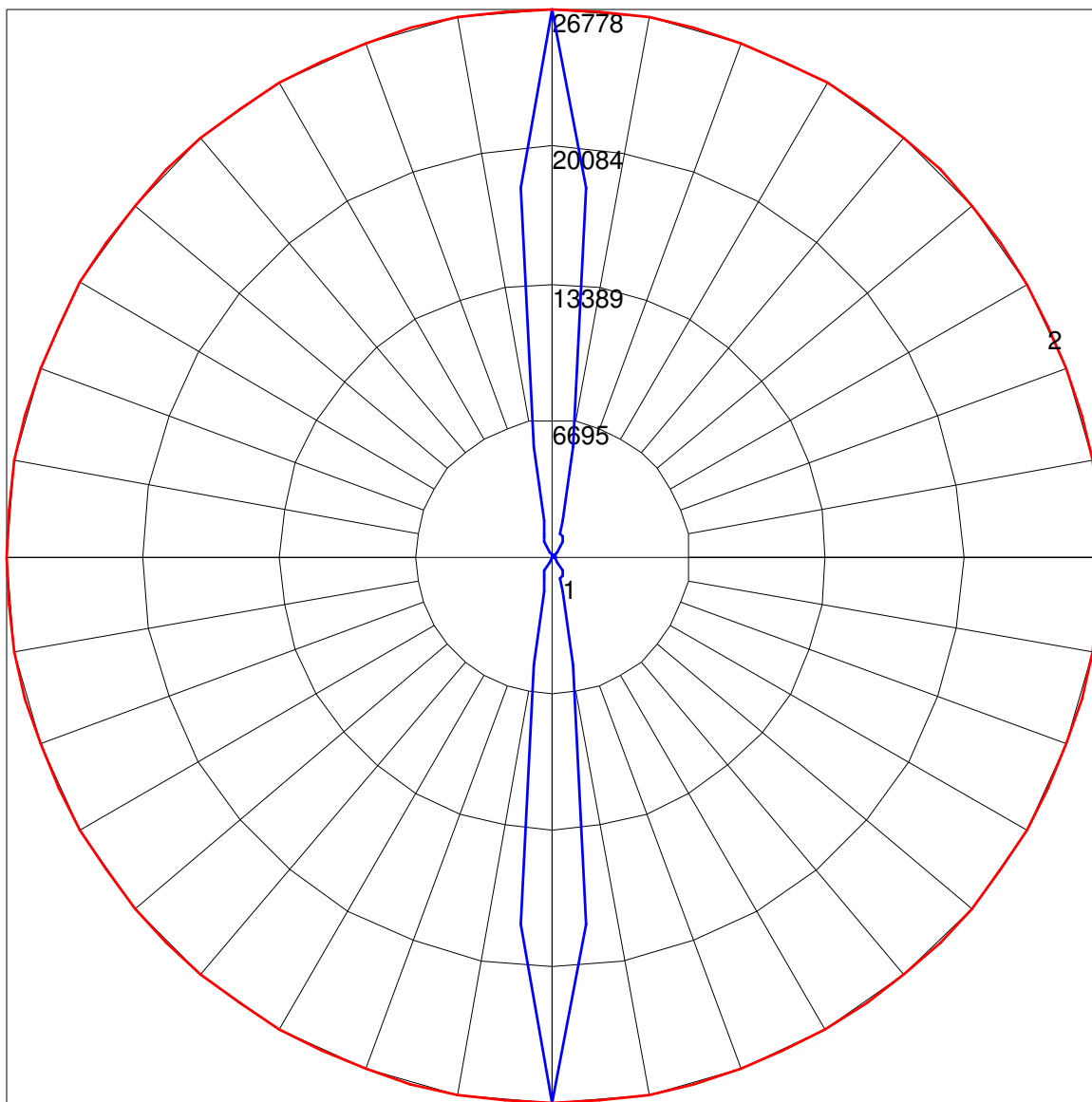
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1448.2	25.0
Downward House Side	1448.2	25.0
Downward Total	2896.4	50.0
Upward Street Side	1448.2	25.0
Upward House Side	1448.2	25.0
Upward Total	2896.4	50.0
Total Flux	5792.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-930U-L30-930D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 26778.031 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

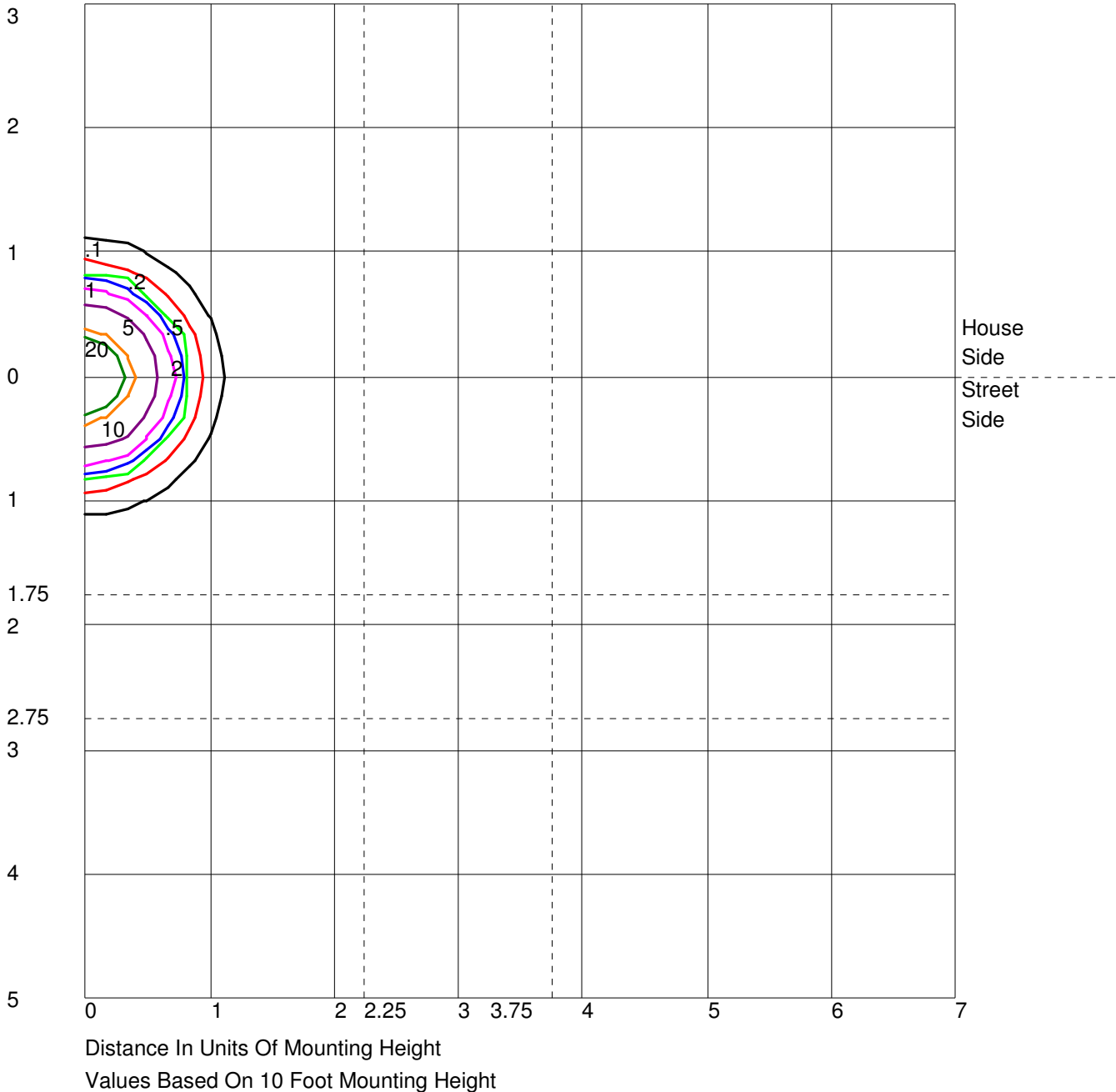


PHOTO LUMENS

