

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-S-XX.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-S_(V18)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-08

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L20-850U-L20-850D-xxx-DIM-UNV-S-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION

[LAMPCAT] BL VERO

[LAMP] LED

[OTHER] Absolute Photometry

[_CONVERT] Photometric web converted from original test data

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

CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4243
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	19613.494
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	19613.494
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.279 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.345 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-S-XX.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	941.2	N.A.	22.2
FM - Front-Medium (30-60)	109.2	N.A.	2.6
FH - Front-High (60-80)	9.7	N.A.	0.2
FVH - Front-Very High (80-90)	0.7	N.A.	0.0
BL - Back-Low (0-30)	941.2	N.A.	22.2
BM - Back-Medium (30-60)	109.2	N.A.	2.6
BH - Back-High (60-80)	9.7	N.A.	0.2
BVH - Back-Very High (80-90)	0.7	N.A.	0.0
UL - Uplight-Low (90-100)	1.3	N.A.	0.0
UH - Uplight-High (100-180)	2120.1	N.A.	50.0
Total	4243.0	N.A.	100.0
BUG Rating	B2-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494
5	13276.991	13282.158	13287.325	13292.485	13297.652	13305.757	13316.808	13327.852	13338.903	13349.947
10	3978.853	3986.812	3994.772	4002.731	4010.691	4035.077	4075.896	4116.715	4157.528	4198.347
15	1310.619	1312.397	1314.167	1315.945	1317.716	1325.897	1340.490	1355.075	1369.668	1384.254
20	856.422	856.010	855.597	855.185	854.772	855.991	858.853	861.710	864.572	867.429
25	764.832	764.273	763.708	763.150	762.585	762.369	762.496	762.629	762.756	762.883
30	608.131	607.293	606.455	605.611	604.773	603.376	601.428	599.479	597.531	595.582
35	245.442	246.001	246.559	247.111	247.670	247.911	247.829	247.746	247.664	247.581
40	44.374	44.850	45.326	45.802	46.278	46.862	47.566	48.271	48.975	49.680
45	25.472	25.484	25.497	25.516	25.529	25.541	25.548	25.560	25.567	25.579
50	23.586	23.548	23.510	23.478	23.440	23.390	23.326	23.263	23.199	23.136
55	22.780	22.698	22.615	22.533	22.450	22.342	22.222	22.095	21.974	21.847
60	18.464	18.426	18.388	18.344	18.305	18.229	18.115	17.994	17.880	17.766
65	12.910	12.879	12.847	12.815	12.783	12.764	12.758	12.752	12.745	12.739
70	8.873	8.873	8.867	8.867	8.861	8.861	8.867	8.867	8.873	8.873
75	6.081	6.074	6.062	6.055	6.049	6.043	6.043	6.036	6.036	6.036
80	3.320	3.320	3.320	3.313	3.313	3.313	3.313	3.320	3.320	3.320
85	0.698	0.698	0.698	0.686	0.686	0.686	0.686	0.679	0.679	0.679
90	0.254	0.254	0.254	0.267	0.267	0.267	0.267	0.279	0.279	0.279
95	0.698	0.698	0.698	0.686	0.686	0.686	0.686	0.679	0.679	0.679
100	3.320	3.320	3.320	3.313	3.313	3.313	3.313	3.320	3.320	3.320
105	6.081	6.074	6.062	6.055	6.049	6.043	6.043	6.036	6.036	6.036
110	8.873	8.873	8.867	8.867	8.861	8.861	8.867	8.867	8.873	8.873
115	12.910	12.879	12.847	12.815	12.783	12.764	12.758	12.752	12.745	12.739
120	18.464	18.426	18.388	18.344	18.305	18.229	18.115	17.994	17.880	17.766
125	22.780	22.698	22.615	22.533	22.450	22.342	22.222	22.095	21.974	21.847
130	23.586	23.548	23.510	23.478	23.440	23.390	23.326	23.263	23.199	23.136
135	25.472	25.484	25.497	25.516	25.529	25.541	25.548	25.560	25.567	25.579
140	44.374	44.850	45.326	45.802	46.278	46.862	47.566	48.271	48.975	49.680
145	245.442	246.001	246.559	247.111	247.670	247.911	247.829	247.746	247.664	247.581
150	608.131	607.293	606.455	605.611	604.773	603.376	601.428	599.479	597.531	595.582
155	764.832	764.273	763.708	763.150	762.585	762.369	762.496	762.629	762.756	762.883
160	856.422	856.010	855.597	855.185	854.772	855.991	858.853	861.710	864.572	867.429
165	1310.619	1312.397	1314.167	1315.945	1317.716	1325.897	1340.490	1355.075	1369.668	1384.254
170	3978.853	3986.812	3994.772	4002.731	4010.691	4035.077	4075.896	4116.715	4157.528	4198.347
175	13277.004	13282.171	13287.338	13292.498	13297.664	13305.770	13316.821	13327.865	13338.915	13349.960
180	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494
5	13383.359	13416.777	13450.189	13483.607	13501.373	13503.487	13505.601	13507.714	13509.828	13507.714
10	4230.547	4262.747	4294.946	4327.146	4351.272	4367.311	4383.351	4399.390	4415.430	4399.390
15	1390.309	1396.364	1402.420	1408.475	1417.126	1428.367	1439.608	1450.856	1462.097	1450.856
20	870.202	872.982	875.756	878.530	880.904	882.871	884.833	886.800	888.768	886.800
25	763.486	764.089	764.692	765.295	766.374	767.923	769.471	771.020	772.569	771.020
30	596.128	596.667	597.213	597.753	598.654	599.917	601.180	602.443	603.706	602.443
35	249.555	251.523	253.497	255.471	256.537	256.708	256.880	257.045	257.216	257.045
40	50.638	51.597	52.555	53.514	53.964	53.907	53.856	53.799	53.749	53.799
45	25.567	25.560	25.548	25.541	25.548	25.573	25.605	25.630	25.656	25.630
50	23.104	23.072	23.041	23.009	22.990	22.971	22.952	22.939	22.920	22.939
55	21.784	21.714	21.650	21.581	21.543	21.524	21.511	21.492	21.479	21.492

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CANDELA TABULATION - (Cont.)

60	17.734	17.702	17.671	17.639	17.652	17.709	17.766	17.823	17.880	17.823
65	12.726	12.714	12.701	12.688	12.695	12.714	12.733	12.758	12.777	12.758
70	8.867	8.861	8.854	8.848	8.848	8.854	8.861	8.867	8.873	8.867
75	6.024	6.017	6.005	5.998	5.992	5.998	6.005	6.005	6.011	6.005
80	3.320	3.326	3.320	3.326	3.326	3.332	3.339	3.339	3.345	3.339
85	0.679	0.679	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673
90	0.279	0.279	0.279	0.279	0.279	0.279	0.279	0.279	0.279	0.279
95	0.679	0.679	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673
100	3.320	3.326	3.320	3.326	3.326	3.332	3.339	3.339	3.345	3.339
105	6.024	6.017	6.005	5.998	5.992	5.998	6.005	6.005	6.011	6.005
110	8.867	8.861	8.854	8.848	8.848	8.854	8.861	8.867	8.873	8.867
115	12.726	12.714	12.701	12.688	12.695	12.714	12.733	12.758	12.777	12.758
120	17.734	17.702	17.671	17.639	17.652	17.709	17.766	17.823	17.880	17.823
125	21.784	21.714	21.650	21.581	21.543	21.524	21.511	21.492	21.479	21.492
130	23.104	23.072	23.041	23.009	22.990	22.971	22.952	22.939	22.920	22.939
135	25.567	25.560	25.548	25.541	25.548	25.573	25.605	25.630	25.656	25.630
140	50.638	51.597	52.555	53.514	53.964	53.907	53.856	53.799	53.749	53.799
145	249.555	251.523	253.497	255.471	256.537	256.708	256.880	257.045	257.216	257.045
150	596.128	596.667	597.213	597.753	598.654	599.917	601.180	602.443	603.706	602.443
155	763.486	764.089	764.692	765.295	766.374	767.923	769.471	771.020	772.569	771.020
160	870.202	872.982	875.756	878.530	880.904	882.871	884.833	886.800	888.768	886.800
165	1390.309	1396.364	1402.420	1408.475	1417.126	1428.367	1439.608	1450.856	1462.097	1450.856
170	4230.547	4262.747	4294.946	4327.146	4351.272	4367.311	4383.351	4399.390	4415.430	4399.390
175	13383.371	13416.790	13450.202	13483.620	13501.380	13503.500	13505.613	13507.727	13509.841	13507.727
180	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018

Vert. Angles

Horizontal Angles

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494
5	13505.601	13503.487	13501.373	13483.607	13450.189	13416.777	13383.359	13349.947	13338.903	13327.852
10	4383.351	4367.311	4351.272	4327.146	4294.946	4262.747	4230.547	4198.347	4157.528	4116.715
15	1439.608	1428.367	1417.126	1408.475	1402.420	1396.364	1390.309	1384.254	1369.668	1355.075
20	884.833	882.871	880.904	878.530	875.756	872.982	870.202	867.429	864.572	861.710
25	769.471	767.923	766.374	765.295	764.692	764.089	763.486	762.883	762.756	762.629
30	601.180	599.917	598.654	597.753	597.213	596.667	596.128	595.582	597.531	599.479
35	256.880	256.708	256.537	255.471	253.497	251.523	249.555	247.581	247.664	247.746
40	53.856	53.907	53.964	53.514	52.555	51.597	50.638	49.680	48.975	48.271
45	25.605	25.573	25.548	25.541	25.548	25.560	25.567	25.579	25.567	25.560
50	22.952	22.971	22.990	23.009	23.041	23.072	23.104	23.136	23.199	23.263
55	21.511	21.524	21.543	21.581	21.650	21.714	21.784	21.847	21.974	22.095
60	17.766	17.709	17.652	17.639	17.671	17.702	17.734	17.766	17.880	17.994
65	12.733	12.714	12.695	12.688	12.701	12.714	12.726	12.739	12.745	12.752
70	8.861	8.854	8.848	8.848	8.854	8.861	8.867	8.873	8.873	8.867
75	6.005	5.998	5.992	5.998	6.005	6.017	6.024	6.036	6.036	6.036
80	3.339	3.332	3.326	3.326	3.320	3.326	3.320	3.320	3.320	3.320
85	0.673	0.673	0.673	0.673	0.673	0.679	0.679	0.679	0.679	0.679
90	0.279	0.279	0.279	0.279	0.279	0.279	0.279	0.279	0.279	0.279
95	0.673	0.673	0.673	0.673	0.673	0.679	0.679	0.679	0.679	0.679
100	3.339	3.332	3.326	3.326	3.320	3.326	3.320	3.320	3.320	3.320
105	6.005	5.998	5.992	5.998	6.005	6.017	6.024	6.036	6.036	6.036
110	8.861	8.854	8.848	8.848	8.854	8.861	8.867	8.873	8.873	8.867
115	12.733	12.714	12.695	12.688	12.701	12.714	12.726	12.739	12.745	12.752
120	17.766	17.709	17.652	17.639	17.671	17.702	17.734	17.766	17.880	17.994
125	21.511	21.524	21.543	21.581	21.650	21.714	21.784	21.847	21.974	22.095
130	22.952	22.971	22.990	23.009	23.041	23.072	23.104	23.136	23.199	23.263

IES ROAD REPORT

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CANDELA TABULATION - (Cont.)

135	25.605	25.573	25.548	25.541	25.548	25.560	25.567	25.579	25.567	25.560
140	53.856	53.907	53.964	53.514	52.555	51.597	50.638	49.680	48.975	48.271
145	256.880	256.708	256.537	255.471	253.497	251.523	249.555	247.581	247.664	247.746
150	601.180	599.917	598.654	597.753	597.213	596.667	596.128	595.582	597.531	599.479
155	769.471	767.923	766.374	765.295	764.692	764.089	763.486	762.883	762.756	762.629
160	884.833	882.871	880.904	878.530	875.756	872.982	870.202	867.429	864.572	861.710
165	1439.608	1428.367	1417.126	1408.475	1402.420	1396.364	1390.309	1384.254	1369.668	1355.075
170	4383.351	4367.311	4351.272	4327.146	4294.946	4262.747	4230.547	4198.347	4157.528	4116.715
175	13505.613	13503.493	13501.380	13483.620	13450.202	13416.790	13383.371	13349.960	13338.909	13327.865
180	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018

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	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494
5	13316.808	13305.757	13297.652	13292.485	13287.325	13282.158	13276.991	13282.158	13287.325	13292.485
10	4075.896	4035.077	4010.691	4002.731	3994.772	3986.812	3978.853	3986.812	3994.772	4002.731
15	1340.490	1325.897	1317.716	1315.945	1314.167	1312.397	1310.619	1312.397	1314.167	1315.945
20	858.853	855.991	854.772	855.185	855.597	856.010	856.422	856.010	855.597	855.185
25	762.496	762.369	762.585	763.150	763.708	764.273	764.832	764.273	763.708	763.150
30	601.428	603.376	604.773	605.611	606.455	607.293	608.131	607.293	606.455	605.611
35	247.829	247.911	247.670	247.111	246.559	246.001	245.442	246.001	246.559	247.111
40	47.566	46.862	46.278	45.802	45.326	44.850	44.374	44.850	45.326	45.802
45	25.548	25.541	25.529	25.516	25.497	25.484	25.472	25.484	25.497	25.516
50	23.326	23.390	23.440	23.478	23.510	23.548	23.586	23.548	23.510	23.478
55	22.222	22.342	22.450	22.533	22.615	22.698	22.780	22.698	22.615	22.533
60	18.115	18.229	18.305	18.344	18.388	18.426	18.464	18.426	18.388	18.344
65	12.758	12.764	12.783	12.815	12.847	12.879	12.910	12.879	12.847	12.815
70	8.867	8.861	8.861	8.867	8.867	8.873	8.873	8.873	8.867	8.867
75	6.043	6.043	6.049	6.055	6.062	6.074	6.081	6.074	6.062	6.055
80	3.313	3.313	3.313	3.313	3.320	3.320	3.320	3.320	3.320	3.313
85	0.686	0.686	0.686	0.686	0.698	0.698	0.698	0.698	0.698	0.686
90	0.267	0.267	0.267	0.267	0.254	0.254	0.254	0.254	0.254	0.267
95	0.686	0.686	0.686	0.686	0.698	0.698	0.698	0.698	0.698	0.686
100	3.313	3.313	3.313	3.313	3.320	3.320	3.320	3.320	3.320	3.313
105	6.043	6.043	6.049	6.055	6.062	6.074	6.081	6.074	6.062	6.055
110	8.867	8.861	8.861	8.867	8.867	8.873	8.873	8.873	8.867	8.867
115	12.758	12.764	12.783	12.815	12.847	12.879	12.910	12.879	12.847	12.815
120	18.115	18.229	18.305	18.344	18.388	18.426	18.464	18.426	18.388	18.344
125	22.222	22.342	22.450	22.533	22.615	22.698	22.780	22.698	22.615	22.533
130	23.326	23.390	23.440	23.478	23.510	23.548	23.586	23.548	23.510	23.478
135	25.548	25.541	25.529	25.516	25.497	25.484	25.472	25.484	25.497	25.516
140	47.566	46.862	46.278	45.802	45.326	44.850	44.374	44.850	45.326	45.802
145	247.829	247.911	247.670	247.111	246.559	246.001	245.442	246.001	246.559	247.111
150	601.428	603.376	604.773	605.611	606.455	607.293	608.131	607.293	606.455	605.611
155	762.496	762.369	762.585	763.150	763.708	764.273	764.832	764.273	763.708	763.150
160	858.853	855.991	854.772	855.185	855.597	856.010	856.422	856.010	855.597	855.185
165	1340.490	1325.897	1317.716	1315.945	1314.167	1312.397	1310.619	1312.397	1314.167	1315.945
170	4075.896	4035.077	4010.691	4002.731	3994.772	3986.812	3978.853	3986.812	3994.772	4002.731
175	13316.821	13305.770	13297.664	13292.498	13287.331	13282.171	13277.004	13282.171	13287.331	13292.498
180	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018

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	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

5	13297.65213305.75713316.80813327.85213338.90313349.94713383.35913416.77713450.18913483.607
10	4010.691 4035.077 4075.896 4116.715 4157.528 4198.347 4230.547 4262.747 4294.946 4327.146
15	1317.716 1325.897 1340.490 1355.075 1369.668 1384.254 1390.309 1396.364 1402.420 1408.475
20	854.772 855.991 858.853 861.710 864.572 867.429 870.202 872.982 875.756 878.530
25	762.585 762.369 762.496 762.629 762.756 762.883 763.486 764.089 764.692 765.295
30	604.773 603.376 601.428 599.479 597.531 595.582 596.128 596.667 597.213 597.753
35	247.670 247.911 247.829 247.746 247.664 247.581 249.555 251.523 253.497 255.471
40	46.278 46.862 47.566 48.271 48.975 49.680 50.638 51.597 52.555 53.514
45	25.529 25.541 25.548 25.560 25.567 25.579 25.567 25.560 25.548 25.541
50	23.440 23.390 23.326 23.263 23.199 23.136 23.104 23.072 23.041 23.009
55	22.450 22.342 22.222 22.095 21.974 21.847 21.784 21.714 21.650 21.581
60	18.305 18.229 18.115 17.994 17.880 17.766 17.734 17.702 17.671 17.639
65	12.783 12.764 12.758 12.752 12.745 12.739 12.726 12.714 12.701 12.688
70	8.861 8.861 8.867 8.867 8.873 8.873 8.867 8.861 8.854 8.848
75	6.049 6.043 6.043 6.036 6.036 6.036 6.024 6.017 6.005 5.998
80	3.313 3.313 3.313 3.320 3.320 3.320 3.320 3.326 3.320 3.326
85	0.686 0.686 0.686 0.679 0.679 0.679 0.679 0.679 0.673 0.673
90	0.267 0.267 0.267 0.279 0.279 0.279 0.279 0.279 0.279 0.279
95	0.686 0.686 0.686 0.679 0.679 0.679 0.679 0.679 0.673 0.673
100	3.313 3.313 3.313 3.320 3.320 3.320 3.320 3.326 3.320 3.326
105	6.049 6.043 6.043 6.036 6.036 6.036 6.024 6.017 6.005 5.998
110	8.861 8.861 8.867 8.867 8.873 8.873 8.867 8.861 8.854 8.848
115	12.783 12.764 12.758 12.752 12.745 12.739 12.726 12.714 12.701 12.688
120	18.305 18.229 18.115 17.994 17.880 17.766 17.734 17.702 17.671 17.639
125	22.450 22.342 22.222 22.095 21.974 21.847 21.784 21.714 21.650 21.581
130	23.440 23.390 23.326 23.263 23.199 23.136 23.104 23.072 23.041 23.009
135	25.529 25.541 25.548 25.560 25.567 25.579 25.567 25.560 25.548 25.541
140	46.278 46.862 47.566 48.271 48.975 49.680 50.638 51.597 52.555 53.514
145	247.670 247.911 247.829 247.746 247.664 247.581 249.555 251.523 253.497 255.471
150	604.773 603.376 601.428 599.479 597.531 595.582 596.128 596.667 597.213 597.753
155	762.585 762.369 762.496 762.629 762.756 762.883 763.486 764.089 764.692 765.295
160	854.772 855.991 858.853 861.710 864.572 867.429 870.202 872.982 875.756 878.530
165	1317.716 1325.897 1340.490 1355.075 1369.668 1384.254 1390.309 1396.364 1402.420 1408.475
170	4010.691 4035.077 4075.896 4116.715 4157.528 4198.347 4230.547 4262.747 4294.946 4327.146
175	13297.66413305.77013316.82113327.86513338.90913349.96013383.37113416.79013450.20213483.620
180	19613.01819613.01819613.01819613.01819613.01819613.01819613.01819613.018

Vert. Angles 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	19613.49419613.49419613.49419613.49419613.49419613.49419613.49419613.494									
5	13501.37313503.48713505.60113507.71413509.82813507.71413505.60113503.48713501.37313483.607									
10	4351.272 4367.311 4383.351 4399.390 4415.430 4399.390 4383.351 4367.311 4351.272 4327.146									
15	1417.126 1428.367 1439.608 1450.856 1462.097 1450.856 1439.608 1428.367 1417.126 1408.475									
20	880.904 882.871 884.833 886.800 888.768 886.800 884.833 882.871 880.904 878.530									
25	766.374 767.923 769.471 771.020 772.569 771.020 769.471 767.923 766.374 765.295									
30	598.654 599.917 601.180 602.443 603.706 602.443 601.180 599.917 598.654 597.753									
35	256.537 256.708 256.880 257.045 257.216 257.045 256.880 256.708 256.537 255.471									
40	53.964 53.907 53.856 53.799 53.749 53.799 53.856 53.907 53.964 53.514									
45	25.548 25.573 25.605 25.630 25.656 25.630 25.605 25.573 25.548 25.541									
50	22.990 22.971 22.952 22.939 22.920 22.939 22.952 22.971 22.990 23.009									
55	21.543 21.524 21.511 21.492 21.479 21.492 21.511 21.524 21.543 21.581									
60	17.652 17.709 17.766 17.823 17.880 17.823 17.766 17.709 17.652 17.639									
65	12.695 12.714 12.733 12.758 12.777 12.758 12.733 12.714 12.695 12.688									
70	8.848 8.854 8.861 8.867 8.873 8.867 8.861 8.854 8.848 8.848									
75	5.992 5.998 6.005 6.005 6.011 6.005 6.005 5.998 5.992 5.998									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

80	3.326	3.332	3.339	3.339	3.345	3.339	3.339	3.332	3.326	3.326
85	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673
90	0.279	0.279	0.279	0.279	0.279	0.279	0.279	0.279	0.279	0.279
95	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673	0.673
100	3.326	3.332	3.339	3.339	3.345	3.339	3.339	3.332	3.326	3.326
105	5.992	5.998	6.005	6.005	6.011	6.005	6.005	5.998	5.992	5.998
110	8.848	8.854	8.861	8.867	8.873	8.867	8.861	8.854	8.848	8.848
115	12.695	12.714	12.733	12.758	12.777	12.758	12.733	12.714	12.695	12.688
120	17.652	17.709	17.766	17.823	17.880	17.823	17.766	17.709	17.652	17.639
125	21.543	21.524	21.511	21.492	21.479	21.492	21.511	21.524	21.543	21.581
130	22.990	22.971	22.952	22.939	22.920	22.939	22.952	22.971	22.990	23.009
135	25.548	25.573	25.605	25.630	25.656	25.630	25.605	25.573	25.548	25.541
140	53.964	53.907	53.856	53.799	53.749	53.799	53.856	53.907	53.964	53.514
145	256.537	256.708	256.880	257.045	257.216	257.045	256.880	256.708	256.537	255.471
150	598.654	599.917	601.180	602.443	603.706	602.443	601.180	599.917	598.654	597.753
155	766.374	767.923	769.471	771.020	772.569	771.020	769.471	767.923	766.374	765.295
160	880.904	882.871	884.833	886.800	888.768	886.800	884.833	882.871	880.904	878.530
165	1417.126	1428.367	1439.608	1450.856	1462.097	1450.856	1439.608	1428.367	1417.126	1408.475
170	4351.272	4367.311	4383.351	4399.390	4415.430	4399.390	4383.351	4367.311	4351.272	4327.146
175	13501.380	13503.493	13505.613	13507.727	13509.841	13507.727	13505.613	13503.493	13501.380	13483.620
180	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018

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	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494	19613.494
5	13450.189	13416.777	13383.359	13349.947	13338.903	13327.852	13316.808	13305.757	13297.652	13292.485
10	4294.946	4262.747	4230.547	4198.347	4157.528	4116.715	4075.896	4035.077	4010.691	4002.731
15	1402.420	1396.364	1390.309	1384.254	1369.668	1355.075	1340.490	1325.897	1317.716	1315.945
20	875.756	872.982	870.202	867.429	864.572	861.710	858.853	855.991	854.772	855.185
25	764.692	764.089	763.486	762.883	762.756	762.629	762.496	762.369	762.585	763.150
30	597.213	596.667	596.128	595.582	597.531	599.479	601.428	603.376	604.773	605.611
35	253.497	251.523	249.555	247.581	247.664	247.746	247.829	247.911	247.670	247.111
40	52.555	51.597	50.638	49.680	48.975	48.271	47.566	46.862	46.278	45.802
45	25.548	25.560	25.567	25.579	25.567	25.560	25.548	25.541	25.529	25.516
50	23.041	23.072	23.104	23.136	23.199	23.263	23.326	23.390	23.440	23.478
55	21.650	21.714	21.784	21.847	21.974	22.095	22.222	22.342	22.450	22.533
60	17.671	17.702	17.734	17.766	17.880	17.994	18.115	18.229	18.305	18.344
65	12.701	12.714	12.726	12.739	12.745	12.752	12.758	12.764	12.783	12.815
70	8.854	8.861	8.867	8.873	8.873	8.867	8.867	8.861	8.861	8.867
75	6.005	6.017	6.024	6.036	6.036	6.036	6.043	6.043	6.049	6.055
80	3.320	3.326	3.320	3.320	3.320	3.320	3.313	3.313	3.313	3.313
85	0.673	0.679	0.679	0.679	0.679	0.679	0.686	0.686	0.686	0.686
90	0.279	0.279	0.279	0.279	0.279	0.279	0.267	0.267	0.267	0.267
95	0.673	0.679	0.679	0.679	0.679	0.679	0.686	0.686	0.686	0.686
100	3.320	3.326	3.320	3.320	3.320	3.320	3.313	3.313	3.313	3.313
105	6.005	6.017	6.024	6.036	6.036	6.036	6.043	6.043	6.049	6.055
110	8.854	8.861	8.867	8.873	8.873	8.867	8.867	8.861	8.861	8.867
115	12.701	12.714	12.726	12.739	12.745	12.752	12.758	12.764	12.783	12.815
120	17.671	17.702	17.734	17.766	17.880	17.994	18.115	18.229	18.305	18.344
125	21.650	21.714	21.784	21.847	21.974	22.095	22.222	22.342	22.450	22.533
130	23.041	23.072	23.104	23.136	23.199	23.263	23.326	23.390	23.440	23.478
135	25.548	25.560	25.567	25.579	25.567	25.560	25.548	25.541	25.529	25.516
140	52.555	51.597	50.638	49.680	48.975	48.271	47.566	46.862	46.278	45.802
145	253.497	251.523	249.555	247.581	247.664	247.746	247.829	247.911	247.670	247.111
150	597.213	596.667	596.128	595.582	597.531	599.479	601.428	603.376	604.773	605.611

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-S-XX.IES

CANDELA TABULATION - (Cont.)

155	764.692	764.089	763.486	762.883	762.756	762.629	762.496	762.369	762.585	763.150
160	875.756	872.982	870.202	867.429	864.572	861.710	858.853	855.991	854.772	855.185
165	1402.420	1396.364	1390.309	1384.254	1369.668	1355.075	1340.490	1325.897	1317.716	1315.945
170	4294.946	4262.747	4230.547	4198.347	4157.528	4116.715	4075.896	4035.077	4010.691	4002.731
175	13450.202	13416.790	13383.371	13349.960	13338.915	13327.865	13316.821	13305.770	13297.664	13292.498
180	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018	19613.018

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	19613.494	19613.494	19613.494
5	13287.325	13282.158	13276.991
10	3994.772	3986.812	3978.853
15	1314.167	1312.397	1310.619
20	855.597	856.010	856.422
25	763.708	764.273	764.832
30	606.455	607.293	608.131
35	246.559	246.001	245.442
40	45.326	44.850	44.374
45	25.497	25.484	25.472
50	23.510	23.548	23.586
55	22.615	22.698	22.780
60	18.388	18.426	18.464
65	12.847	12.879	12.910
70	8.867	8.873	8.873
75	6.062	6.074	6.081
80	3.320	3.320	3.320
85	0.698	0.698	0.698
90	0.254	0.254	0.254
95	0.698	0.698	0.698
100	3.320	3.320	3.320
105	6.062	6.074	6.081
110	8.867	8.873	8.873
115	12.847	12.879	12.910
120	18.388	18.426	18.464
125	22.615	22.698	22.780
130	23.510	23.548	23.586
135	25.497	25.484	25.472
140	45.326	44.850	44.374
145	246.559	246.001	245.442
150	606.455	607.293	608.131
155	763.708	764.273	764.832
160	855.597	856.010	856.422
165	1314.167	1312.397	1310.619
170	3994.772	3986.812	3978.853
175	13287.338	13282.171	13277.004
180	19613.018	19613.018	19613.018

COEFFICIENTS OF UTILIZATION



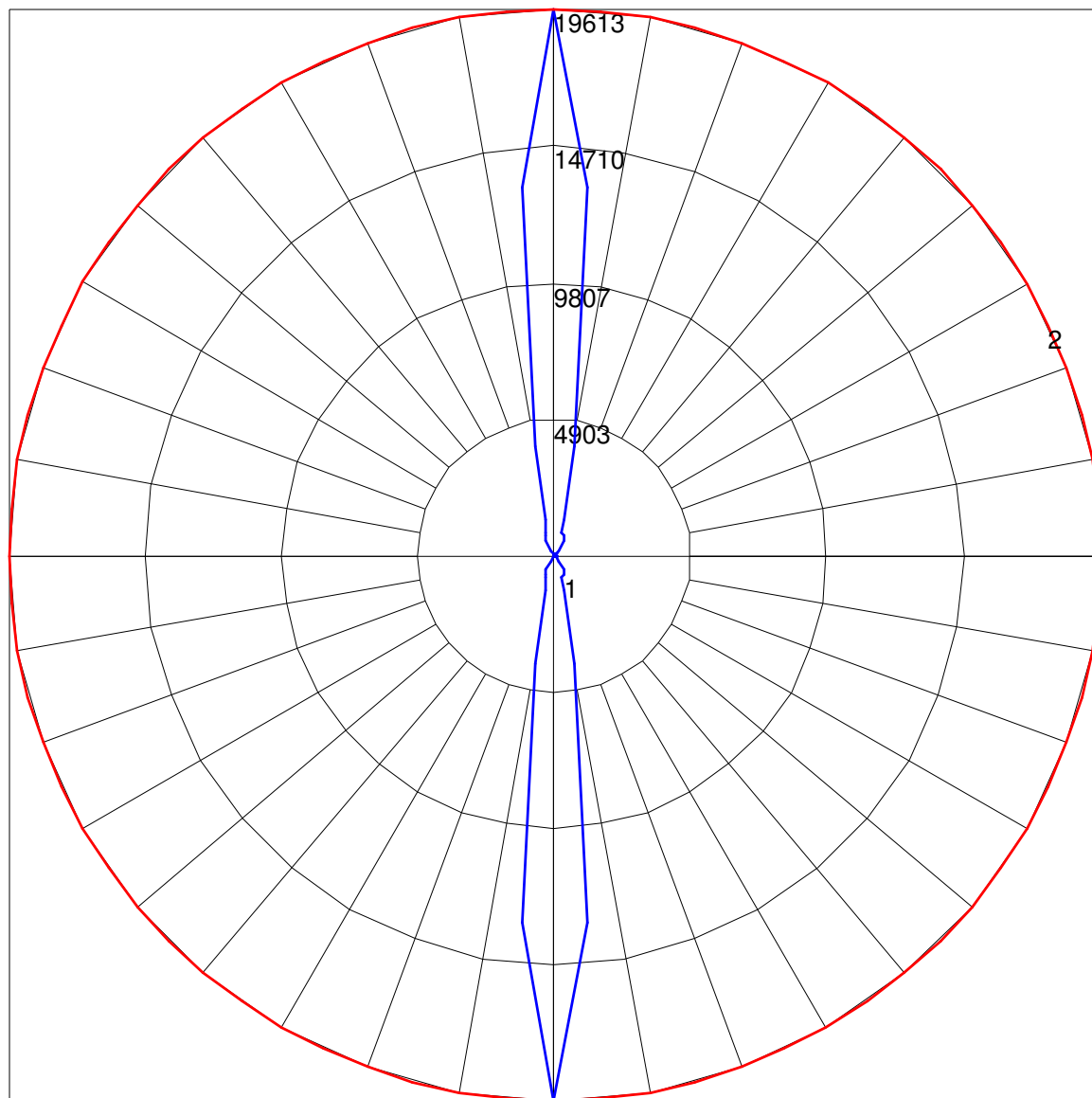
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1060.7	25.0
Downward House Side	1060.7	25.0
Downward Total	2121.4	50.0
Upward Street Side	1060.7	25.0
Upward House Side	1060.7	25.0
Upward Total	2121.4	50.0
Total Flux	4242.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-850U-L20-850D-XXX-DIM-UNV-S-XX.IES

POLAR GRAPH



Maximum Candela = 19613.494 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

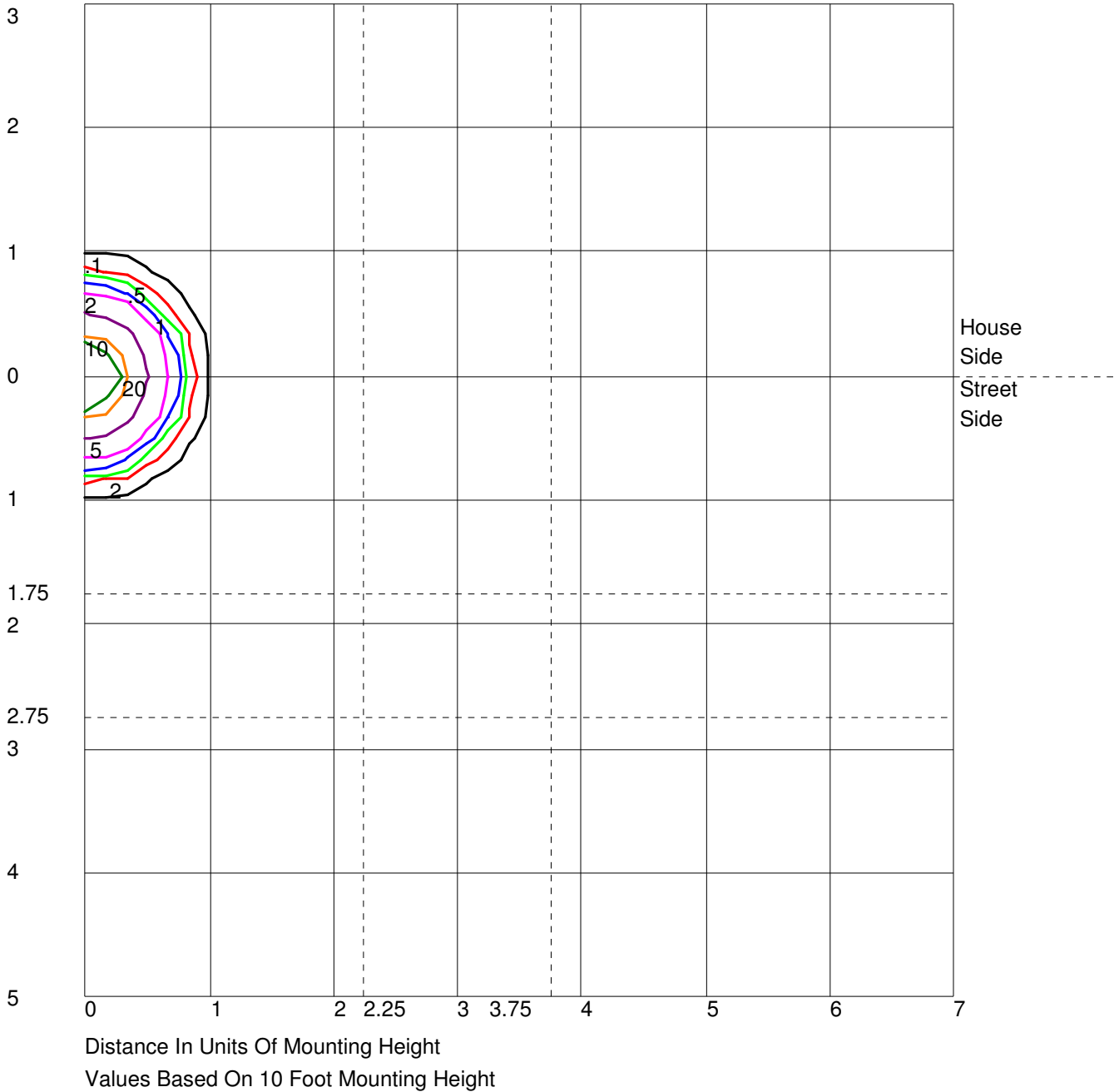


PHOTO LUMENS

