

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-N-XX\_.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR\_Angela-M\_(V18)\_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-07

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L10-940U-L10-940D-xxx-DIM-UNV-N-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH NARROW DIST

[LAMPCAT] BL V18 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	Type VS
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1858
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	20.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	2680.773
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	2680.773
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.164 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1.89 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	363.2	N.A.	19.5
FM - Front-Medium (30-60)	94.2	N.A.	5.1
FH - Front-High (60-80)	6.8	N.A.	0.4
FVH - Front-Very High (80-90)	0.4	N.A.	0.0
BL - Back-Low (0-30)	363.2	N.A.	19.5
BM - Back-Medium (30-60)	94.2	N.A.	5.1
BH - Back-High (60-80)	6.8	N.A.	0.4
BVH - Back-Very High (80-90)	0.4	N.A.	0.0
UL - Uplight-Low (90-100)	0.8	N.A.	0.0
UH - Uplight-High (100-180)	928.4	N.A.	50.0
Total	1858.4	N.A.	100.0
BUG Rating	B1-U4-G0		

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## CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773
5	2308.344	2308.233	2308.121	2308.006	2307.895	2308.029	2308.410	2308.787	2309.168	2309.548
10	1529.259	1529.708	1530.161	1530.610	1531.060	1532.257	1534.199	1536.141	1538.084	1540.026
15	956.496	956.588	956.677	956.769	956.857	957.546	958.832	960.118	961.404	962.690
20	670.724	670.822	670.921	671.016	671.114	671.469	672.076	672.686	673.293	673.903
25	535.995	535.595	535.191	534.791	534.388	534.135	534.033	533.928	533.827	533.722
30	407.034	406.575	406.119	405.659	405.203	404.321	403.012	401.703	400.397	399.088
35	191.823	191.918	192.016	192.112	192.207	192.348	192.532	192.715	192.899	193.083
40	68.931	69.180	69.430	69.682	69.932	70.371	71.001	71.628	72.258	72.887
45	43.679	43.735	43.791	43.847	43.902	43.994	44.122	44.250	44.378	44.506
50	30.255	30.294	30.333	30.376	30.415	30.481	30.573	30.668	30.760	30.852
55	20.645	20.668	20.691	20.714	20.737	20.783	20.846	20.911	20.974	21.039
60	13.628	13.644	13.661	13.677	13.694	13.720	13.763	13.805	13.848	13.891
65	9.133	9.137	9.143	9.147	9.150	9.166	9.193	9.219	9.245	9.271
70	6.109	6.109	6.112	6.112	6.115	6.122	6.132	6.145	6.155	6.168
75	3.825	3.822	3.822	3.819	3.815	3.815	3.819	3.822	3.825	3.829
80	1.857	1.857	1.857	1.860	1.860	1.863	1.867	1.870	1.877	1.880
85	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
90	0.144	0.144	0.144	0.151	0.151	0.151	0.151	0.157	0.157	0.157
95	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
100	1.857	1.857	1.857	1.860	1.860	1.863	1.867	1.870	1.877	1.880
105	3.825	3.822	3.822	3.819	3.815	3.815	3.819	3.822	3.825	3.829
110	6.109	6.109	6.112	6.112	6.115	6.122	6.132	6.145	6.155	6.168
115	9.133	9.137	9.143	9.147	9.150	9.166	9.193	9.219	9.245	9.271
120	13.628	13.644	13.661	13.677	13.694	13.720	13.763	13.805	13.848	13.891
125	20.645	20.668	20.691	20.714	20.737	20.783	20.846	20.911	20.974	21.039
130	30.255	30.294	30.333	30.376	30.415	30.481	30.573	30.668	30.760	30.852
135	43.679	43.735	43.791	43.847	43.902	43.994	44.122	44.250	44.378	44.506
140	68.931	69.180	69.430	69.682	69.932	70.371	71.001	71.628	72.258	72.887
145	191.823	191.918	192.016	192.112	192.207	192.348	192.532	192.715	192.899	193.083
150	407.034	406.575	406.119	405.659	405.203	404.321	403.012	401.703	400.397	399.088
155	535.995	535.595	535.191	534.791	534.388	534.135	534.033	533.928	533.827	533.722
160	670.724	670.822	670.921	671.016	671.114	671.469	672.076	672.686	673.293	673.903
165	956.496	956.588	956.677	956.769	956.857	957.546	958.832	960.118	961.404	962.690
170	1529.259	1529.708	1530.161	1530.610	1531.060	1532.257	1534.199	1536.141	1538.084	1540.026
175	2308.344	2308.233	2308.121	2308.010	2307.895	2308.029	2308.410	2308.790	2309.168	2309.548
180	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665

Vert. Angles	Horizontal Angles									
	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773
5	2309.584	2309.620	2309.656	2309.693	2309.791	2309.948	2310.109	2310.267	2310.424	2310.267
10	1542.283	1544.543	1546.800	1549.061	1550.826	1552.095	1553.368	1554.638	1555.911	1554.638
15	964.383	966.076	967.766	969.458	970.771	971.699	972.628	973.559	974.488	973.559
20	674.677	675.448	676.222	676.993	677.646	678.178	678.706	679.237	679.769	679.237
25	533.886	534.046	534.210	534.371	534.663	535.083	535.503	535.923	536.343	535.923
30	399.341	399.590	399.843	400.095	400.466	400.955	401.444	401.932	402.421	401.932
35	193.880	194.674	195.471	196.268	196.757	196.944	197.131	197.318	197.505	197.318
40	73.216	73.547	73.875	74.206	74.521	74.823	75.125	75.427	75.729	75.427
45	44.539	44.575	44.608	44.644	44.677	44.709	44.739	44.772	44.805	44.772
50	30.908	30.963	31.019	31.075	31.114	31.137	31.163	31.186	31.213	31.186
55	21.085	21.134	21.180	21.229	21.262	21.285	21.308	21.328	21.351	21.328

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## CANDELA TABULATION - (Cont.)

60	13.920	13.946	13.976	14.005	14.028	14.045	14.064	14.081	14.100	14.081
65	9.284	9.298	9.307	9.320	9.330	9.334	9.340	9.343	9.350	9.343
70	6.171	6.178	6.181	6.184	6.187	6.184	6.184	6.181	6.181	6.181
75	3.832	3.832	3.835	3.838	3.838	3.835	3.832	3.829	3.825	3.829
80	1.883	1.886	1.886	1.890	1.890	1.890	1.886	1.886	1.886	1.886
85	0.400	0.400	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397
90	0.157	0.157	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164
95	0.400	0.400	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397
100	1.883	1.886	1.886	1.890	1.890	1.890	1.886	1.886	1.886	1.886
105	3.832	3.832	3.835	3.838	3.838	3.835	3.832	3.829	3.825	3.829
110	6.171	6.178	6.181	6.184	6.187	6.184	6.184	6.181	6.181	6.181
115	9.284	9.298	9.307	9.320	9.330	9.334	9.340	9.343	9.350	9.343
120	13.920	13.946	13.976	14.005	14.028	14.045	14.064	14.081	14.100	14.081
125	21.085	21.134	21.180	21.229	21.262	21.285	21.308	21.328	21.351	21.328
130	30.908	30.963	31.019	31.075	31.114	31.137	31.163	31.186	31.213	31.186
135	44.539	44.575	44.608	44.644	44.677	44.709	44.739	44.772	44.805	44.772
140	73.216	73.547	73.875	74.206	74.521	74.823	75.125	75.427	75.729	75.427
145	193.880	194.674	195.471	196.268	196.757	196.944	197.131	197.318	197.505	197.318
150	399.341	399.590	399.843	400.095	400.466	400.955	401.444	401.932	402.421	401.932
155	533.886	534.046	534.210	534.371	534.663	535.083	535.503	535.923	536.343	535.923
160	674.677	675.448	676.222	676.993	677.646	678.178	678.706	679.237	679.769	679.237
165	964.383	966.076	967.766	969.458	970.771	971.699	972.628	973.559	974.488	973.559
170	1542.283	1544.543	1546.800	1549.061	1550.826	1552.095	1553.368	1554.638	1555.911	1554.638
175	2309.584	2309.620	2309.660	2309.696	2309.791	2309.952	2310.109	2310.267	2310.424	2310.267
180	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665

## 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	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773
5	2310.109	2309.948	2309.791	2309.693	2309.656	2309.620	2309.584	2309.548	2309.168	2308.787
10	1553.368	1552.095	1550.826	1549.061	1546.800	1544.543	1542.283	1540.026	1538.084	1536.141
15	972.628	971.699	970.771	969.458	967.766	966.076	964.383	962.690	961.404	960.118
20	678.706	678.178	677.646	676.993	676.222	675.448	674.677	673.903	673.293	672.686
25	535.503	535.083	534.663	534.371	534.210	534.046	533.886	533.722	533.827	533.928
30	401.444	400.955	400.466	400.095	399.843	399.590	399.341	399.088	400.397	401.703
35	197.131	196.944	196.757	196.268	195.471	194.674	193.880	193.083	192.899	192.715
40	75.125	74.823	74.521	74.206	73.875	73.547	73.216	72.887	72.258	71.628
45	44.739	44.709	44.677	44.644	44.608	44.575	44.539	44.506	44.378	44.250
50	31.163	31.137	31.114	31.075	31.019	30.963	30.908	30.852	30.760	30.668
55	21.308	21.285	21.262	21.229	21.180	21.134	21.085	21.039	20.974	20.911
60	14.064	14.045	14.028	14.005	13.976	13.946	13.920	13.891	13.848	13.805
65	9.340	9.334	9.330	9.320	9.307	9.298	9.284	9.271	9.245	9.219
70	6.184	6.184	6.187	6.184	6.181	6.178	6.171	6.168	6.155	6.145
75	3.832	3.835	3.838	3.838	3.835	3.832	3.832	3.829	3.825	3.822
80	1.886	1.890	1.890	1.890	1.886	1.886	1.883	1.880	1.877	1.870
85	0.397	0.397	0.397	0.397	0.397	0.400	0.400	0.400	0.400	0.400
90	0.164	0.164	0.164	0.164	0.164	0.157	0.157	0.157	0.157	0.157
95	0.397	0.397	0.397	0.397	0.397	0.400	0.400	0.400	0.400	0.400
100	1.886	1.890	1.890	1.890	1.886	1.886	1.883	1.880	1.877	1.870
105	3.832	3.835	3.838	3.838	3.835	3.832	3.832	3.829	3.825	3.822
110	6.184	6.184	6.187	6.184	6.181	6.178	6.171	6.168	6.155	6.145
115	9.340	9.334	9.330	9.320	9.307	9.298	9.284	9.271	9.245	9.219
120	14.064	14.045	14.028	14.005	13.976	13.946	13.920	13.891	13.848	13.805
125	21.308	21.285	21.262	21.229	21.180	21.134	21.085	21.039	20.974	20.911
130	31.163	31.137	31.114	31.075	31.019	30.963	30.908	30.852	30.760	30.668

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## CANDELA TABULATION - (Cont.)

135	44.739	44.709	44.677	44.644	44.608	44.575	44.539	44.506	44.378	44.250
140	75.125	74.823	74.521	74.206	73.875	73.547	73.216	72.887	72.258	71.628
145	197.131	196.944	196.757	196.268	195.471	194.674	193.880	193.083	192.899	192.715
150	401.444	400.955	400.466	400.095	399.843	399.590	399.341	399.088	400.397	401.703
155	535.503	535.083	534.663	534.371	534.210	534.046	533.886	533.722	533.827	533.928
160	678.706	678.178	677.646	676.993	676.222	675.448	674.677	673.903	673.293	672.686
165	972.628	971.699	970.771	969.458	967.766	966.076	964.383	962.690	961.404	960.118
170	1553.368	1552.095	1550.826	1549.061	1546.800	1544.543	1542.283	1540.026	1538.084	1536.141
175	2310.109	2309.952	2309.791	2309.696	2309.660	2309.620	2309.584	2309.548	2309.168	2308.790
180	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665

## 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	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773
5	2308.410	2308.029	2307.895	2308.006	2308.121	2308.233	2308.344	2308.233	2308.121	2308.006
10	1534.199	1532.257	1531.060	1530.610	1530.161	1529.708	1529.259	1529.708	1530.161	1530.610
15	958.832	957.546	956.857	956.769	956.677	956.588	956.496	956.588	956.677	956.769
20	672.076	671.469	671.114	671.016	670.921	670.822	670.724	670.822	670.921	671.016
25	534.033	534.135	534.388	534.791	535.191	535.595	535.995	535.595	535.191	534.791
30	403.012	404.321	405.203	405.659	406.119	406.575	407.034	406.575	406.119	405.659
35	192.532	192.348	192.207	192.112	192.016	191.918	191.823	191.918	192.016	192.112
40	71.001	70.371	69.932	69.682	69.430	69.180	68.931	69.180	69.430	69.682
45	44.122	43.994	43.902	43.847	43.791	43.735	43.679	43.735	43.791	43.847
50	30.573	30.481	30.415	30.376	30.333	30.294	30.255	30.294	30.333	30.376
55	20.846	20.783	20.737	20.714	20.691	20.668	20.645	20.668	20.691	20.714
60	13.763	13.720	13.694	13.677	13.661	13.644	13.628	13.644	13.661	13.677
65	9.193	9.166	9.150	9.147	9.143	9.137	9.133	9.137	9.143	9.147
70	6.132	6.122	6.115	6.112	6.112	6.109	6.109	6.109	6.112	6.112
75	3.819	3.815	3.815	3.819	3.822	3.822	3.825	3.822	3.822	3.819
80	1.867	1.863	1.860	1.860	1.857	1.857	1.857	1.857	1.857	1.860
85	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
90	0.151	0.151	0.151	0.151	0.144	0.144	0.144	0.144	0.144	0.151
95	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
100	1.867	1.863	1.860	1.860	1.857	1.857	1.857	1.857	1.857	1.860
105	3.819	3.815	3.815	3.819	3.822	3.822	3.825	3.822	3.822	3.819
110	6.132	6.122	6.115	6.112	6.112	6.109	6.109	6.109	6.112	6.112
115	9.193	9.166	9.150	9.147	9.143	9.137	9.133	9.137	9.143	9.147
120	13.763	13.720	13.694	13.677	13.661	13.644	13.628	13.644	13.661	13.677
125	20.846	20.783	20.737	20.714	20.691	20.668	20.645	20.668	20.691	20.714
130	30.573	30.481	30.415	30.376	30.333	30.294	30.255	30.294	30.333	30.376
135	44.122	43.994	43.902	43.847	43.791	43.735	43.679	43.735	43.791	43.847
140	71.001	70.371	69.932	69.682	69.430	69.180	68.931	69.180	69.430	69.682
145	192.532	192.348	192.207	192.112	192.016	191.918	191.823	191.918	192.016	192.112
150	403.012	404.321	405.203	405.659	406.119	406.575	407.034	406.575	406.119	405.659
155	534.033	534.135	534.388	534.791	535.191	535.595	535.995	535.595	535.191	534.791
160	672.076	671.469	671.114	671.016	670.921	670.822	670.724	670.822	670.921	671.016
165	958.832	957.546	956.857	956.769	956.677	956.588	956.496	956.588	956.677	956.769
170	1534.199	1532.257	1531.060	1530.610	1530.161	1529.708	1529.259	1529.708	1530.161	1530.610
175	2308.410	2308.029	2307.895	2308.010	2308.121	2308.233	2308.344	2308.233	2308.121	2308.010
180	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665

## 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	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	2307.895	2308.029	2308.410	2308.787	2309.168	2309.548	2309.584	2309.620	2309.656	2309.693
10	1531.060	1532.257	1534.199	1536.141	1538.084	1540.026	1542.283	1544.543	1546.800	1549.061
15	956.857	957.546	958.832	960.118	961.404	962.690	964.383	966.076	967.766	969.458
20	671.114	671.469	672.076	672.686	673.293	673.903	674.677	675.448	676.222	676.993
25	534.388	534.135	534.033	533.928	533.827	533.722	533.886	534.046	534.210	534.371
30	405.203	404.321	403.012	401.703	400.397	399.088	399.341	399.590	399.843	400.095
35	192.207	192.348	192.532	192.715	192.899	193.083	193.880	194.674	195.471	196.268
40	69.932	70.371	71.001	71.628	72.258	72.887	73.216	73.547	73.875	74.206
45	43.902	43.994	44.122	44.250	44.378	44.506	44.539	44.575	44.608	44.644
50	30.415	30.481	30.573	30.668	30.760	30.852	30.908	30.963	31.019	31.075
55	20.737	20.783	20.846	20.911	20.974	21.039	21.085	21.134	21.180	21.229
60	13.694	13.720	13.763	13.805	13.848	13.891	13.920	13.946	13.976	14.005
65	9.150	9.166	9.193	9.219	9.245	9.271	9.284	9.298	9.307	9.320
70	6.115	6.122	6.132	6.145	6.155	6.168	6.171	6.178	6.181	6.184
75	3.815	3.815	3.819	3.822	3.825	3.829	3.832	3.832	3.835	3.838
80	1.860	1.863	1.867	1.870	1.877	1.880	1.883	1.886	1.886	1.890
85	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.397	0.397
90	0.151	0.151	0.151	0.157	0.157	0.157	0.157	0.157	0.164	0.164
95	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.397	0.397
100	1.860	1.863	1.867	1.870	1.877	1.880	1.883	1.886	1.886	1.890
105	3.815	3.815	3.819	3.822	3.825	3.829	3.832	3.832	3.835	3.838
110	6.115	6.122	6.132	6.145	6.155	6.168	6.171	6.178	6.181	6.184
115	9.150	9.166	9.193	9.219	9.245	9.271	9.284	9.298	9.307	9.320
120	13.694	13.720	13.763	13.805	13.848	13.891	13.920	13.946	13.976	14.005
125	20.737	20.783	20.846	20.911	20.974	21.039	21.085	21.134	21.180	21.229
130	30.415	30.481	30.573	30.668	30.760	30.852	30.908	30.963	31.019	31.075
135	43.902	43.994	44.122	44.250	44.378	44.506	44.539	44.575	44.608	44.644
140	69.932	70.371	71.001	71.628	72.258	72.887	73.216	73.547	73.875	74.206
145	192.207	192.348	192.532	192.715	192.899	193.083	193.880	194.674	195.471	196.268
150	405.203	404.321	403.012	401.703	400.397	399.088	399.341	399.590	399.843	400.095
155	534.388	534.135	534.033	533.928	533.827	533.722	533.886	534.046	534.210	534.371
160	671.114	671.469	672.076	672.686	673.293	673.903	674.677	675.448	676.222	676.993
165	956.857	957.546	958.832	960.118	961.404	962.690	964.383	966.076	967.766	969.458
170	1531.060	1532.257	1534.199	1536.141	1538.084	1540.026	1542.283	1544.543	1546.800	1549.061
175	2307.895	2308.029	2308.410	2308.790	2309.168	2309.548	2309.584	2309.620	2309.660	2309.696
180	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665

## 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	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773
5	2309.791	2309.948	2310.109	2310.267	2310.424	2310.267	2310.109	2309.948	2309.791	2309.693
10	1550.826	1552.095	1553.368	1554.638	1555.911	1554.638	1553.368	1552.095	1550.826	1549.061
15	970.771	971.699	972.628	973.559	974.488	973.559	972.628	971.699	970.771	969.458
20	677.646	678.178	678.706	679.237	679.769	679.237	678.706	678.178	677.646	676.993
25	534.663	535.083	535.503	535.923	536.343	535.923	535.503	535.083	534.663	534.371
30	400.466	400.955	401.444	401.932	402.421	401.932	401.444	400.955	400.466	400.095
35	196.757	196.944	197.131	197.318	197.505	197.318	197.131	196.944	196.757	196.268
40	74.521	74.823	75.125	75.427	75.729	75.427	75.125	74.823	74.521	74.206
45	44.677	44.709	44.739	44.772	44.805	44.772	44.739	44.709	44.677	44.644
50	31.114	31.137	31.163	31.186	31.213	31.186	31.163	31.137	31.114	31.075
55	21.262	21.285	21.308	21.328	21.351	21.328	21.308	21.285	21.262	21.229
60	14.028	14.045	14.064	14.081	14.100	14.081	14.064	14.045	14.028	14.005
65	9.330	9.334	9.340	9.343	9.350	9.343	9.340	9.334	9.330	9.320
70	6.187	6.184	6.184	6.181	6.181	6.181	6.184	6.184	6.187	6.184
75	3.838	3.835	3.832	3.829	3.825	3.829	3.832	3.835	3.838	3.838

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	1.890	1.890	1.886	1.886	1.886	1.886	1.886	1.890	1.890	1.890
85	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397
90	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164	0.164
95	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397
100	1.890	1.890	1.886	1.886	1.886	1.886	1.886	1.890	1.890	1.890
105	3.838	3.835	3.832	3.829	3.825	3.829	3.832	3.835	3.838	3.838
110	6.187	6.184	6.184	6.181	6.181	6.181	6.184	6.184	6.187	6.184
115	9.330	9.334	9.340	9.343	9.350	9.343	9.340	9.334	9.330	9.320
120	14.028	14.045	14.064	14.081	14.100	14.081	14.064	14.045	14.028	14.005
125	21.262	21.285	21.308	21.328	21.351	21.328	21.308	21.285	21.262	21.229
130	31.114	31.137	31.163	31.186	31.213	31.186	31.163	31.137	31.114	31.075
135	44.677	44.709	44.739	44.772	44.805	44.772	44.739	44.709	44.677	44.644
140	74.521	74.823	75.125	75.427	75.729	75.427	75.125	74.823	74.521	74.206
145	196.757	196.944	197.131	197.318	197.505	197.318	197.131	196.944	196.757	196.268
150	400.466	400.955	401.444	401.932	402.421	401.932	401.444	400.955	400.466	400.095
155	534.663	535.083	535.503	535.923	536.343	535.923	535.503	535.083	534.663	534.371
160	677.646	678.178	678.706	679.237	679.769	679.237	678.706	678.178	677.646	676.993
165	970.771	971.699	972.628	973.559	974.488	973.559	972.628	971.699	970.771	969.458
170	1550.826	1552.095	1553.368	1554.638	1555.911	1554.638	1553.368	1552.095	1550.826	1549.061
175	2309.791	2309.952	2310.109	2310.267	2310.424	2310.267	2310.109	2309.952	2309.791	2309.696
180	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665

## 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	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773	2680.773
5	2309.656	2309.620	2309.584	2309.548	2309.168	2308.787	2308.410	2308.029	2307.895	2308.006
10	1546.800	1544.543	1542.283	1540.026	1538.084	1536.141	1534.199	1532.257	1531.060	1530.610
15	967.766	966.076	964.383	962.690	961.404	960.118	958.832	957.546	956.857	956.769
20	676.222	675.448	674.677	673.903	673.293	672.686	672.076	671.469	671.114	671.016
25	534.210	534.046	533.886	533.722	533.827	533.928	534.033	534.135	534.388	534.791
30	399.843	399.590	399.341	399.088	400.397	401.703	403.012	404.321	405.203	405.659
35	195.471	194.674	193.880	193.083	192.899	192.715	192.532	192.348	192.207	192.112
40	73.875	73.547	73.216	72.887	72.258	71.628	71.001	70.371	69.932	69.682
45	44.608	44.575	44.539	44.506	44.378	44.250	44.122	43.994	43.902	43.847
50	31.019	30.963	30.908	30.852	30.760	30.668	30.573	30.481	30.415	30.376
55	21.180	21.134	21.085	21.039	20.974	20.911	20.846	20.783	20.737	20.714
60	13.976	13.946	13.920	13.891	13.848	13.805	13.763	13.720	13.694	13.677
65	9.307	9.298	9.284	9.271	9.245	9.219	9.193	9.166	9.150	9.147
70	6.181	6.178	6.171	6.168	6.155	6.145	6.132	6.122	6.115	6.112
75	3.835	3.832	3.832	3.829	3.825	3.822	3.819	3.815	3.815	3.819
80	1.886	1.886	1.883	1.880	1.877	1.870	1.867	1.863	1.860	1.860
85	0.397	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
90	0.164	0.157	0.157	0.157	0.157	0.157	0.151	0.151	0.151	0.151
95	0.397	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
100	1.886	1.886	1.883	1.880	1.877	1.870	1.867	1.863	1.860	1.860
105	3.835	3.832	3.832	3.829	3.825	3.822	3.819	3.815	3.815	3.819
110	6.181	6.178	6.171	6.168	6.155	6.145	6.132	6.122	6.115	6.112
115	9.307	9.298	9.284	9.271	9.245	9.219	9.193	9.166	9.150	9.147
120	13.976	13.946	13.920	13.891	13.848	13.805	13.763	13.720	13.694	13.677
125	21.180	21.134	21.085	21.039	20.974	20.911	20.846	20.783	20.737	20.714
130	31.019	30.963	30.908	30.852	30.760	30.668	30.573	30.481	30.415	30.376
135	44.608	44.575	44.539	44.506	44.378	44.250	44.122	43.994	43.902	43.847
140	73.875	73.547	73.216	72.887	72.258	71.628	71.001	70.371	69.932	69.682
145	195.471	194.674	193.880	193.083	192.899	192.715	192.532	192.348	192.207	192.112
150	399.843	399.590	399.341	399.088	400.397	401.703	403.012	404.321	405.203	405.659

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-N-XX\_.IES****CANDELA TABULATION - (Cont.)**

<b>155</b>	534.210	534.046	533.886	533.722	533.827	533.928	534.033	534.135	534.388	534.791
<b>160</b>	676.222	675.448	674.677	673.903	673.293	672.686	672.076	671.469	671.114	671.016
<b>165</b>	967.766	966.076	964.383	962.690	961.404	960.118	958.832	957.546	956.857	956.769
<b>170</b>	1546.800	1544.543	1542.283	1540.026	1538.084	1536.141	1534.199	1532.257	1531.060	1530.610
<b>175</b>	2309.660	2309.620	2309.584	2309.548	2309.168	2308.790	2308.410	2308.029	2307.895	2308.010
<b>180</b>	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665	2680.665

**Vert. Angles**      **Horizontal Angles**

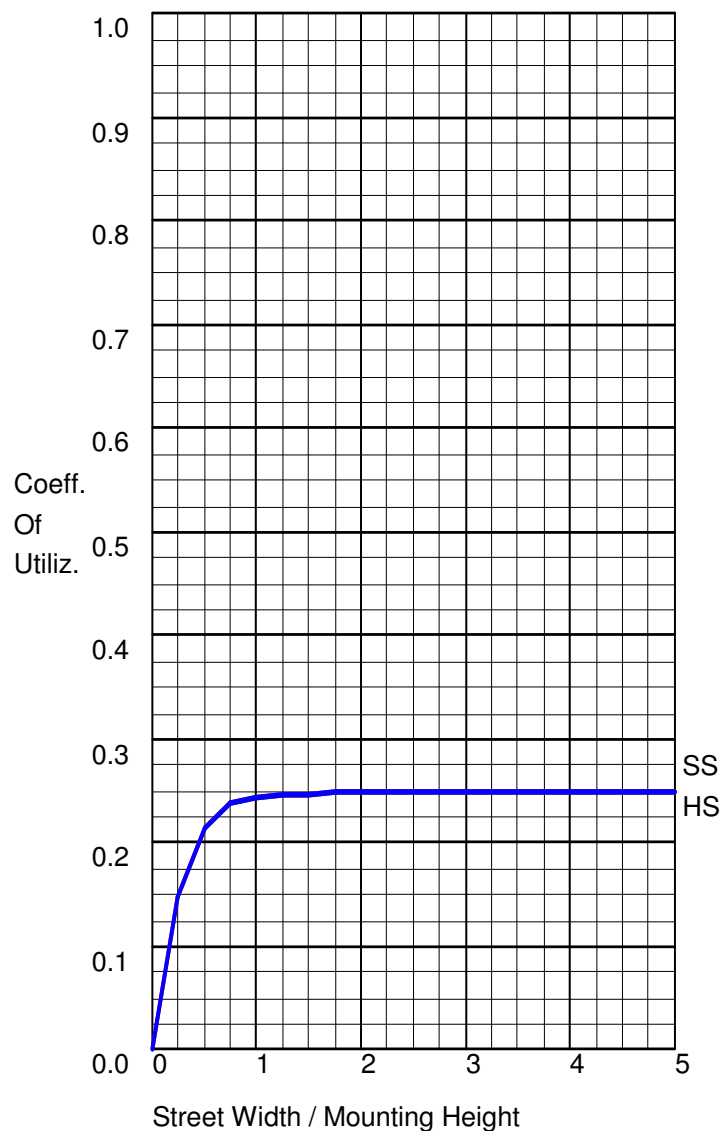
	<b>350</b>	<b>355</b>	<b>360</b>
<b>0</b>	2680.773	2680.773	2680.773
<b>5</b>	2308.121	2308.233	2308.344
<b>10</b>	1530.161	1529.708	1529.259
<b>15</b>	956.677	956.588	956.496
<b>20</b>	670.921	670.822	670.724
<b>25</b>	535.191	535.595	535.995
<b>30</b>	406.119	406.575	407.034
<b>35</b>	192.016	191.918	191.823
<b>40</b>	69.430	69.180	68.931
<b>45</b>	43.791	43.735	43.679
<b>50</b>	30.333	30.294	30.255
<b>55</b>	20.691	20.668	20.645
<b>60</b>	13.661	13.644	13.628
<b>65</b>	9.143	9.137	9.133
<b>70</b>	6.112	6.109	6.109
<b>75</b>	3.822	3.822	3.825
<b>80</b>	1.857	1.857	1.857
<b>85</b>	0.400	0.400	0.400
<b>90</b>	0.144	0.144	0.144
<b>95</b>	0.400	0.400	0.400
<b>100</b>	1.857	1.857	1.857
<b>105</b>	3.822	3.822	3.825
<b>110</b>	6.112	6.109	6.109
<b>115</b>	9.143	9.137	9.133
<b>120</b>	13.661	13.644	13.628
<b>125</b>	20.691	20.668	20.645
<b>130</b>	30.333	30.294	30.255
<b>135</b>	43.791	43.735	43.679
<b>140</b>	69.430	69.180	68.931
<b>145</b>	192.016	191.918	191.823
<b>150</b>	406.119	406.575	407.034
<b>155</b>	535.191	535.595	535.995
<b>160</b>	670.921	670.822	670.724
<b>165</b>	956.677	956.588	956.496
<b>170</b>	1530.161	1529.708	1529.259
<b>175</b>	2308.121	2308.233	2308.344
<b>180</b>	2680.665	2680.665	2680.665



## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-N-XX\_.IES

### COEFFICIENTS OF UTILIZATION



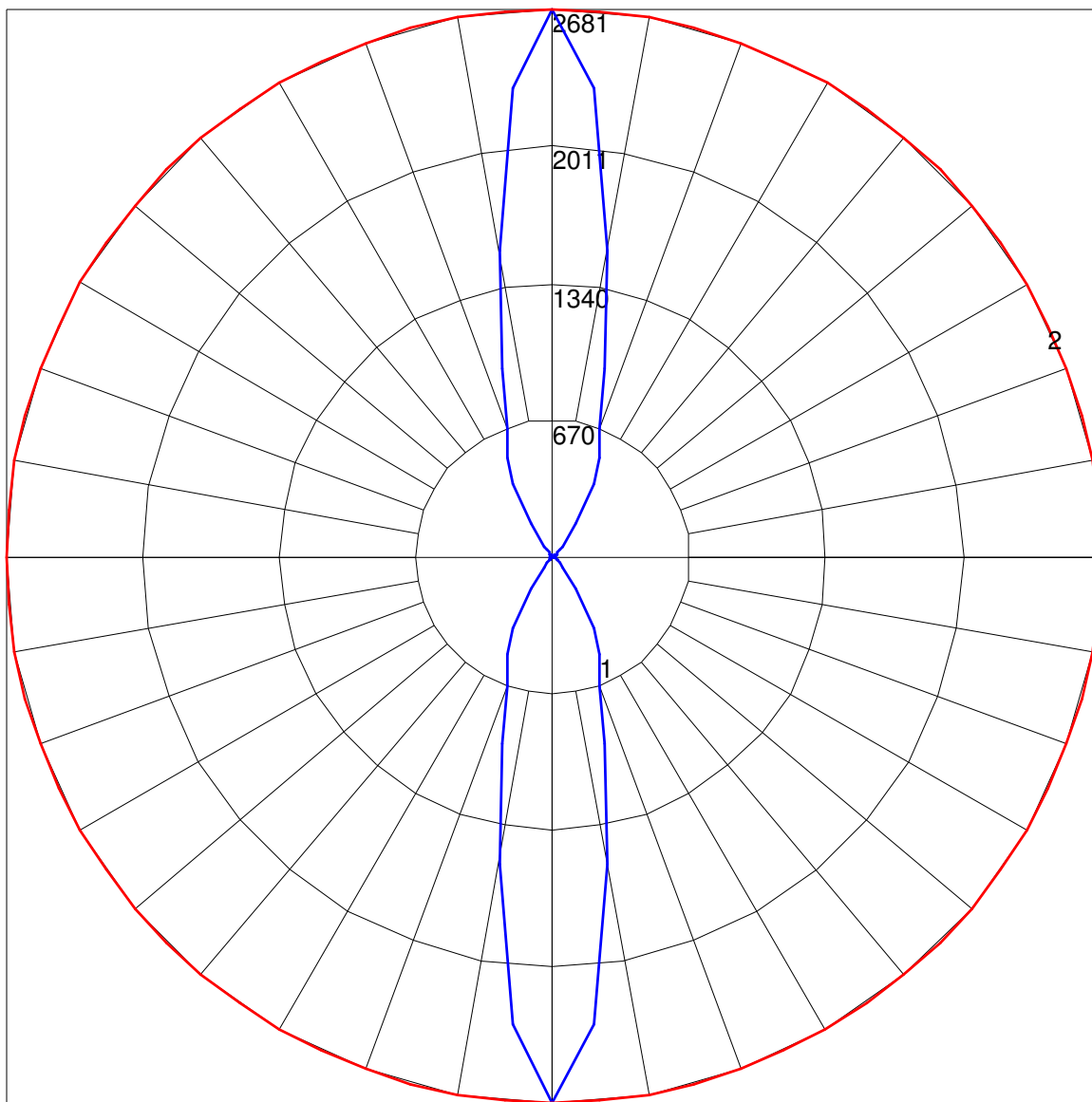
### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	464.6	25.0
Downward House Side	464.6	25.0
Downward Total	929.2	50.0
Upward Street Side	464.6	25.0
Upward House Side	464.6	25.0
Upward Total	929.2	50.0
Total Flux	1858.4	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-940U-L10-940D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

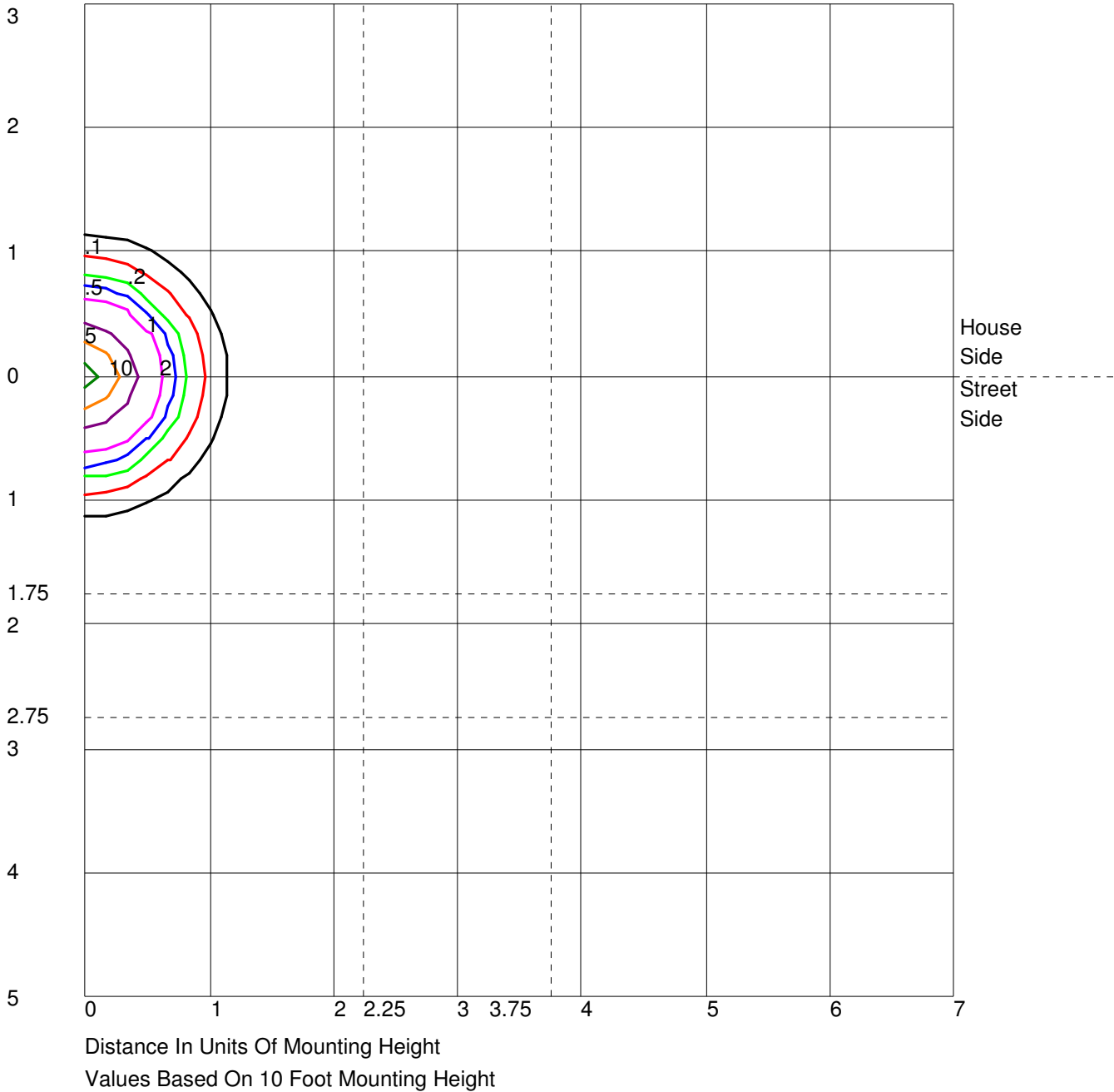


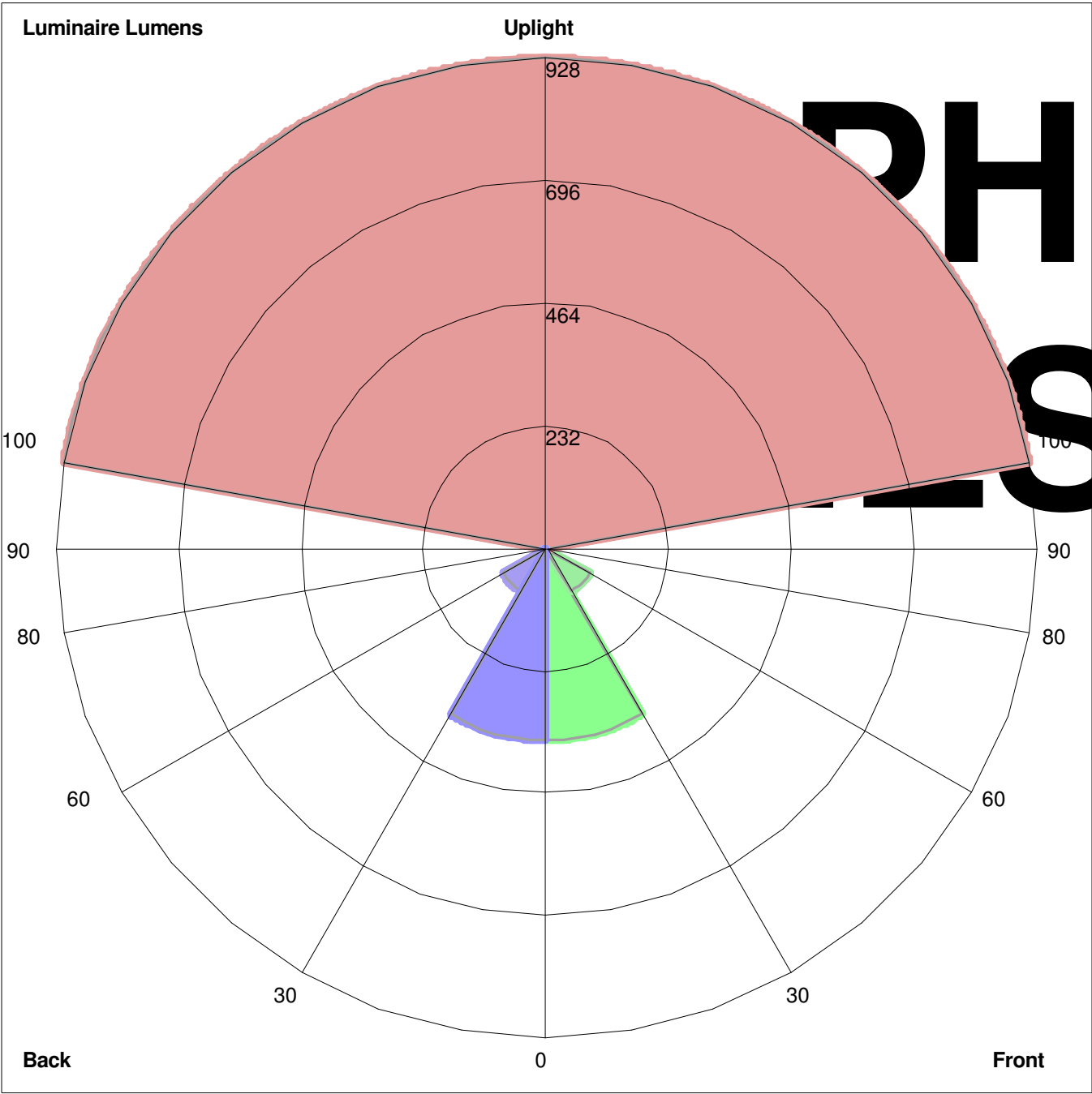
Maximum Candela = 2680.773 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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**