

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-840U-L20-840D-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-L20-840U-L20-840D-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	3882
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	40.2
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	5600.123
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	5600.123
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.343 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	3.948 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L20-840U-L20-840D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	758.7	N.A.	19.5
FM - Front-Medium (30-60)	196.8	N.A.	5.1
FH - Front-High (60-80)	14.3	N.A.	0.4
FVH - Front-Very High (80-90)	0.8	N.A.	0.0
BL - Back-Low (0-30)	758.7	N.A.	19.5
BM - Back-Medium (30-60)	196.8	N.A.	5.1
BH - Back-High (60-80)	14.3	N.A.	0.4
BVH - Back-Very High (80-90)	0.8	N.A.	0.0
UL - Uplight-Low (90-100)	1.6	N.A.	0.0
UH - Uplight-High (100-180)	1939.5	N.A.	50.0
Total	3882.3	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	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123
5	4822.121	4821.888	4821.655	4821.415	4821.182	4821.463	4822.258	4823.046	4823.841	4824.636
10	3194.614	3195.553	3196.499	3197.438	3198.377	3200.878	3204.935	3208.992	3213.050	3217.107
15	1998.117	1998.309	1998.494	1998.686	1998.871	2000.310	2002.996	2005.683	2008.369	2011.056
20	1401.139	1401.345	1401.551	1401.749	1401.955	1402.695	1403.963	1405.238	1406.506	1407.780
25	1119.692	1118.855	1118.012	1117.176	1116.333	1115.806	1115.593	1115.374	1115.161	1114.942
30	850.292	849.333	848.380	847.420	846.468	844.624	841.890	839.155	836.428	833.693
35	400.717	400.916	401.121	401.320	401.519	401.814	402.197	402.581	402.965	403.349
40	143.996	144.517	145.038	145.566	146.087	147.005	148.321	149.630	150.946	152.262
45	91.246	91.362	91.479	91.595	91.712	91.904	92.171	92.438	92.706	92.973
50	63.202	63.284	63.366	63.455	63.538	63.675	63.867	64.065	64.257	64.449
55	43.128	43.176	43.224	43.272	43.320	43.416	43.546	43.683	43.814	43.951
60	28.469	28.503	28.537	28.572	28.606	28.661	28.750	28.839	28.928	29.017
65	19.080	19.087	19.100	19.107	19.114	19.148	19.203	19.258	19.313	19.368
70	12.761	12.761	12.768	12.768	12.775	12.788	12.809	12.836	12.857	12.884
75	7.991	7.984	7.984	7.977	7.970	7.970	7.977	7.984	7.991	7.998
80	3.879	3.879	3.879	3.886	3.886	3.893	3.900	3.906	3.920	3.927
85	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
90	0.302	0.302	0.302	0.315	0.315	0.315	0.315	0.329	0.329	0.329
95	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
100	3.879	3.879	3.879	3.886	3.886	3.893	3.900	3.906	3.920	3.927
105	7.991	7.984	7.984	7.977	7.970	7.970	7.977	7.984	7.991	7.998
110	12.761	12.761	12.768	12.768	12.775	12.788	12.809	12.836	12.857	12.884
115	19.080	19.087	19.100	19.107	19.114	19.148	19.203	19.258	19.313	19.368
120	28.469	28.503	28.537	28.572	28.606	28.661	28.750	28.839	28.928	29.017
125	43.128	43.176	43.224	43.272	43.320	43.416	43.546	43.683	43.814	43.951
130	63.202	63.284	63.366	63.455	63.538	63.675	63.867	64.065	64.257	64.449
135	91.246	91.362	91.479	91.595	91.712	91.904	92.171	92.438	92.706	92.973
140	143.996	144.517	145.038	145.566	146.087	147.005	148.321	149.630	150.946	152.262
145	400.717	400.916	401.121	401.320	401.519	401.814	402.197	402.581	402.965	403.349
150	850.292	849.333	848.380	847.420	846.468	844.624	841.890	839.155	836.428	833.693
155	1119.692	1118.855	1118.012	1117.176	1116.333	1115.806	1115.593	1115.374	1115.161	1114.942
160	1401.139	1401.345	1401.551	1401.749	1401.955	1402.695	1403.963	1405.238	1406.506	1407.780
165	1998.117	1998.309	1998.494	1998.686	1998.871	2000.310	2002.996	2005.683	2008.369	2011.056
170	3194.614	3195.553	3196.499	3197.438	3198.377	3200.878	3204.935	3208.992	3213.050	3217.107
175	4822.121	4821.888	4821.655	4821.422	4821.182	4821.463	4822.258	4823.053	4823.841	4824.636
180	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123
5	4824.711	4824.787	4824.862	4824.937	4825.143	4825.472	4825.808	4826.137	4826.466	4826.137
10	3221.822	3226.544	3231.259	3235.981	3239.668	3242.320	3244.980	3247.632	3250.291	3247.632
15	2014.592	2018.129	2021.658	2025.194	2027.936	2029.875	2031.815	2033.761	2035.701	2033.761
20	1409.398	1411.008	1412.626	1414.236	1415.600	1416.710	1417.814	1418.924	1420.034	1418.924
25	1115.285	1115.621	1115.963	1116.299	1116.909	1117.786	1118.664	1119.541	1120.418	1119.541
30	834.221	834.742	835.269	835.797	836.572	837.593	838.614	839.635	840.656	839.635
35	405.014	406.673	408.338	410.003	411.025	411.415	411.806	412.197	412.587	412.197
40	152.947	153.639	154.324	155.017	155.675	156.305	156.936	157.566	158.197	157.566
45	93.041	93.117	93.185	93.261	93.329	93.398	93.460	93.528	93.597	93.528
50	64.566	64.682	64.799	64.915	64.997	65.045	65.100	65.148	65.203	65.148
55	44.047	44.149	44.245	44.348	44.417	44.465	44.513	44.554	44.602	44.554

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CANDELA TABULATION - (Cont.)

60	29.079	29.134	29.195	29.257	29.305	29.339	29.380	29.415	29.456	29.415
65	19.395	19.422	19.443	19.470	19.491	19.498	19.512	19.518	19.532	19.518
70	12.891	12.905	12.912	12.919	12.925	12.919	12.919	12.912	12.912	12.912
75	8.005	8.005	8.012	8.018	8.018	8.012	8.005	7.998	7.991	7.998
80	3.934	3.941	3.941	3.948	3.948	3.948	3.941	3.941	3.941	3.941
85	0.836	0.836	0.829	0.829	0.829	0.829	0.829	0.829	0.829	0.829
90	0.329	0.329	0.343	0.343	0.343	0.343	0.343	0.343	0.343	0.343
95	0.836	0.836	0.829	0.829	0.829	0.829	0.829	0.829	0.829	0.829
100	3.934	3.941	3.941	3.948	3.948	3.948	3.941	3.941	3.941	3.941
105	8.005	8.005	8.012	8.018	8.018	8.012	8.005	7.998	7.991	7.998
110	12.891	12.905	12.912	12.919	12.925	12.919	12.919	12.912	12.912	12.912
115	19.395	19.422	19.443	19.470	19.491	19.498	19.512	19.518	19.532	19.518
120	29.079	29.134	29.195	29.257	29.305	29.339	29.380	29.415	29.456	29.415
125	44.047	44.149	44.245	44.348	44.417	44.465	44.513	44.554	44.602	44.554
130	64.566	64.682	64.799	64.915	64.997	65.045	65.100	65.148	65.203	65.148
135	93.041	93.117	93.185	93.261	93.329	93.398	93.460	93.528	93.597	93.528
140	152.947	153.639	154.324	155.017	155.675	156.305	156.936	157.566	158.197	157.566
145	405.014	406.673	408.338	410.003	411.025	411.415	411.806	412.197	412.587	412.197
150	834.221	834.742	835.269	835.797	836.572	837.593	838.614	839.635	840.656	839.635
155	1115.285	1115.621	1115.963	1116.299	1116.909	1117.786	1118.664	1119.541	1120.418	1119.541
160	1409.398	1411.008	1412.626	1414.236	1415.600	1416.710	1417.814	1418.924	1420.034	1418.924
165	2014.592	2018.129	2021.658	2025.194	2027.936	2029.875	2031.815	2033.761	2035.701	2033.761
170	3221.822	3226.544	3231.259	3235.981	3239.668	3242.320	3244.980	3247.632	3250.291	3247.632
175	4824.711	4824.787	4824.869	4824.944	4825.143	4825.479	4825.808	4826.137	4826.466	4826.137
180	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897

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	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123
5	4825.808	4825.472	4825.143	4824.937	4824.862	4824.787	4824.711	4824.636	4823.841	4823.046
10	3244.980	3242.320	3239.668	3235.981	3231.259	3226.544	3221.822	3217.107	3213.050	3208.992
15	2031.815	2029.875	2027.936	2025.194	2021.658	2018.129	2014.592	2011.056	2008.369	2005.683
20	1417.814	1416.710	1415.600	1414.236	1412.626	1411.008	1409.398	1407.780	1406.506	1405.238
25	1118.664	1117.786	1116.909	1116.299	1115.963	1115.621	1115.285	1114.942	1115.161	1115.374
30	838.614	837.593	836.572	835.797	835.269	834.742	834.221	833.693	836.428	839.155
35	411.806	411.415	411.025	410.003	408.338	406.673	405.014	403.349	402.965	402.581
40	156.936	156.305	155.675	155.017	154.324	153.639	152.947	152.262	150.946	149.630
45	93.460	93.398	93.329	93.261	93.185	93.117	93.041	92.973	92.706	92.438
50	65.100	65.045	64.997	64.915	64.799	64.682	64.566	64.449	64.257	64.065
55	44.513	44.465	44.417	44.348	44.245	44.149	44.047	43.951	43.814	43.683
60	29.380	29.339	29.305	29.257	29.195	29.134	29.079	29.017	28.928	28.839
65	19.512	19.498	19.491	19.470	19.443	19.422	19.395	19.368	19.313	19.258
70	12.919	12.919	12.925	12.919	12.912	12.905	12.891	12.884	12.857	12.836
75	8.005	8.012	8.018	8.018	8.012	8.005	8.005	7.998	7.991	7.984
80	3.941	3.948	3.948	3.948	3.941	3.941	3.934	3.927	3.920	3.906
85	0.829	0.829	0.829	0.829	0.829	0.836	0.836	0.836	0.836	0.836
90	0.343	0.343	0.343	0.343	0.343	0.329	0.329	0.329	0.329	0.329
95	0.829	0.829	0.829	0.829	0.829	0.836	0.836	0.836	0.836	0.836
100	3.941	3.948	3.948	3.948	3.941	3.941	3.934	3.927	3.920	3.906
105	8.005	8.012	8.018	8.018	8.012	8.005	8.005	7.998	7.991	7.984
110	12.919	12.919	12.925	12.919	12.912	12.905	12.891	12.884	12.857	12.836
115	19.512	19.498	19.491	19.470	19.443	19.422	19.395	19.368	19.313	19.258
120	29.380	29.339	29.305	29.257	29.195	29.134	29.079	29.017	28.928	28.839
125	44.513	44.465	44.417	44.348	44.245	44.149	44.047	43.951	43.814	43.683
130	65.100	65.045	64.997	64.915	64.799	64.682	64.566	64.449	64.257	64.065

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CANDELA TABULATION - (Cont.)

135	93.460	93.398	93.329	93.261	93.185	93.117	93.041	92.973	92.706	92.438
140	156.936	156.305	155.675	155.017	154.324	153.639	152.947	152.262	150.946	149.630
145	411.806	411.415	411.025	410.003	408.338	406.673	405.014	403.349	402.965	402.581
150	838.614	837.593	836.572	835.797	835.269	834.742	834.221	833.693	836.428	839.155
155	1118.664	1117.786	1116.909	1116.299	1115.963	1115.621	1115.285	1114.942	1115.161	1115.374
160	1417.814	1416.710	1415.600	1414.236	1412.626	1411.008	1409.398	1407.780	1406.506	1405.238
165	2031.815	2029.875	2027.936	2025.194	2021.658	2018.129	2014.592	2011.056	2008.369	2005.683
170	3244.980	3242.320	3239.668	3235.981	3231.259	3226.544	3221.822	3217.107	3213.050	3208.992
175	4825.808	4825.479	4825.143	4824.944	4824.869	4824.787	4824.711	4824.636	4823.841	4823.053
180	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897

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	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123
5	4822.258	4821.463	4821.182	4821.415	4821.655	4821.888	4822.121	4821.888	4821.655	4821.415
10	3204.935	3200.878	3198.377	3197.438	3196.499	3195.553	3194.614	3195.553	3196.499	3197.438
15	2002.996	2000.310	1998.871	1998.686	1998.494	1998.309	1998.117	1998.309	1998.494	1998.686
20	1403.963	1402.695	1401.955	1401.749	1401.551	1401.345	1401.139	1401.345	1401.551	1401.749
25	1115.593	1115.806	1116.333	1117.176	1118.012	1118.855	1119.692	1118.855	1118.012	1117.176
30	841.890	844.624	846.468	847.420	848.380	849.333	850.292	849.333	848.380	847.420
35	402.197	401.814	401.519	401.320	401.121	400.916	400.717	400.916	401.121	401.320
40	148.321	147.005	146.087	145.566	145.038	144.517	143.996	144.517	145.038	145.566
45	92.171	91.904	91.712	91.595	91.479	91.362	91.246	91.362	91.479	91.595
50	63.867	63.675	63.538	63.455	63.366	63.284	63.202	63.284	63.366	63.455
55	43.546	43.416	43.320	43.272	43.224	43.176	43.128	43.176	43.224	43.272
60	28.750	28.661	28.606	28.572	28.537	28.503	28.469	28.503	28.537	28.572
65	19.203	19.148	19.114	19.107	19.100	19.087	19.080	19.087	19.100	19.107
70	12.809	12.788	12.775	12.768	12.768	12.761	12.761	12.761	12.768	12.768
75	7.977	7.970	7.970	7.977	7.984	7.984	7.991	7.984	7.984	7.977
80	3.900	3.893	3.886	3.886	3.879	3.879	3.879	3.879	3.879	3.886
85	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
90	0.315	0.315	0.315	0.315	0.302	0.302	0.302	0.302	0.302	0.315
95	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
100	3.900	3.893	3.886	3.886	3.879	3.879	3.879	3.879	3.879	3.886
105	7.977	7.970	7.970	7.977	7.984	7.984	7.991	7.984	7.984	7.977
110	12.809	12.788	12.775	12.768	12.768	12.761	12.761	12.761	12.768	12.768
115	19.203	19.148	19.114	19.107	19.100	19.087	19.080	19.087	19.100	19.107
120	28.750	28.661	28.606	28.572	28.537	28.503	28.469	28.503	28.537	28.572
125	43.546	43.416	43.320	43.272	43.224	43.176	43.128	43.176	43.224	43.272
130	63.867	63.675	63.538	63.455	63.366	63.284	63.202	63.284	63.366	63.455
135	92.171	91.904	91.712	91.595	91.479	91.362	91.246	91.362	91.479	91.595
140	148.321	147.005	146.087	145.566	145.038	144.517	143.996	144.517	145.038	145.566
145	402.197	401.814	401.519	401.320	401.121	400.916	400.717	400.916	401.121	401.320
150	841.890	844.624	846.468	847.420	848.380	849.333	850.292	849.333	848.380	847.420
155	1115.593	1115.806	1116.333	1117.176	1118.012	1118.855	1119.692	1118.855	1118.012	1117.176
160	1403.963	1402.695	1401.955	1401.749	1401.551	1401.345	1401.139	1401.345	1401.551	1401.749
165	2002.996	2000.310	1998.871	1998.686	1998.494	1998.309	1998.117	1998.309	1998.494	1998.686
170	3204.935	3200.878	3198.377	3197.438	3196.499	3195.553	3194.614	3195.553	3196.499	3197.438
175	4822.258	4821.463	4821.182	4821.422	4821.655	4821.888	4822.121	4821.888	4821.655	4821.422
180	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897

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	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-840U-L20-840D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	4821.182	4821.463	4822.258	4823.046	4823.841	4824.636	4824.711	4824.787	4824.862	4824.937
10	3198.377	3200.878	3204.935	3208.992	3213.050	3217.107	3221.822	3226.544	3231.259	3235.981
15	1998.871	2000.310	2002.996	2005.683	2008.369	2011.056	2014.592	2018.129	2021.658	2025.194
20	1401.955	1402.695	1403.963	1405.238	1406.506	1407.780	1409.398	1411.008	1412.626	1414.236
25	1116.333	1115.806	1115.593	1115.374	1115.161	1114.942	1115.285	1115.621	1115.963	1116.299
30	846.468	844.624	841.890	839.155	836.428	833.693	834.221	834.742	835.269	835.797
35	401.519	401.814	402.197	402.581	402.965	403.349	405.014	406.673	408.338	410.003
40	146.087	147.005	148.321	149.630	150.946	152.262	152.947	153.639	154.324	155.017
45	91.712	91.904	92.171	92.438	92.706	92.973	93.041	93.117	93.185	93.261
50	63.538	63.675	63.867	64.065	64.257	64.449	64.566	64.682	64.799	64.915
55	43.320	43.416	43.546	43.683	43.814	43.951	44.047	44.149	44.245	44.348
60	28.606	28.661	28.750	28.839	28.928	29.017	29.079	29.134	29.195	29.257
65	19.114	19.148	19.203	19.258	19.313	19.368	19.395	19.422	19.443	19.470
70	12.775	12.788	12.809	12.836	12.857	12.884	12.891	12.905	12.912	12.919
75	7.970	7.970	7.977	7.984	7.991	7.998	8.005	8.005	8.012	8.018
80	3.886	3.893	3.900	3.906	3.920	3.927	3.934	3.941	3.941	3.948
85	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.829	0.829
90	0.315	0.315	0.315	0.329	0.329	0.329	0.329	0.329	0.343	0.343
95	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.829	0.829
100	3.886	3.893	3.900	3.906	3.920	3.927	3.934	3.941	3.941	3.948
105	7.970	7.970	7.977	7.984	7.991	7.998	8.005	8.005	8.012	8.018
110	12.775	12.788	12.809	12.836	12.857	12.884	12.891	12.905	12.912	12.919
115	19.114	19.148	19.203	19.258	19.313	19.368	19.395	19.422	19.443	19.470
120	28.606	28.661	28.750	28.839	28.928	29.017	29.079	29.134	29.195	29.257
125	43.320	43.416	43.546	43.683	43.814	43.951	44.047	44.149	44.245	44.348
130	63.538	63.675	63.867	64.065	64.257	64.449	64.566	64.682	64.799	64.915
135	91.712	91.904	92.171	92.438	92.706	92.973	93.041	93.117	93.185	93.261
140	146.087	147.005	148.321	149.630	150.946	152.262	152.947	153.639	154.324	155.017
145	401.519	401.814	402.197	402.581	402.965	403.349	405.014	406.673	408.338	410.003
150	846.468	844.624	841.890	839.155	836.428	833.693	834.221	834.742	835.269	835.797
155	1116.333	1115.806	1115.593	1115.374	1115.161	1114.942	1115.285	1115.621	1115.963	1116.299
160	1401.955	1402.695	1403.963	1405.238	1406.506	1407.780	1409.398	1411.008	1412.626	1414.236
165	1998.871	2000.310	2002.996	2005.683	2008.369	2011.056	2014.592	2018.129	2021.658	2025.194
170	3198.377	3200.878	3204.935	3208.992	3213.050	3217.107	3221.822	3226.544	3231.259	3235.981
175	4821.182	4821.463	4822.258	4823.053	4823.841	4824.636	4824.711	4824.787	4824.869	4824.944
180	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897

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	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123
5	4825.143	4825.472	4825.808	4826.137	4826.466	4826.137	4825.808	4825.472	4825.143	4824.937
10	3239.668	3242.320	3244.980	3247.632	3250.291	3247.632	3244.980	3242.320	3239.668	3235.981
15	2027.936	2029.875	2031.815	2033.761	2035.701	2033.761	2031.815	2029.875	2027.936	2025.194
20	1415.600	1416.710	1417.814	1418.924	1420.034	1418.924	1417.814	1416.710	1415.600	1414.236
25	1116.909	1117.786	1118.664	1119.541	1120.418	1119.541	1118.664	1117.786	1116.909	1116.299
30	836.572	837.593	838.614	839.635	840.656	839.635	838.614	837.593	836.572	835.797
35	411.025	411.415	411.806	412.197	412.587	412.197	411.806	411.415	411.025	410.003
40	155.675	156.305	156.936	157.566	158.197	157.566	156.936	156.305	155.675	155.017
45	93.329	93.398	93.460	93.528	93.597	93.528	93.460	93.398	93.329	93.261
50	64.997	65.045	65.100	65.148	65.203	65.148	65.100	65.045	64.997	64.915
55	44.417	44.465	44.513	44.554	44.602	44.554	44.513	44.465	44.417	44.348
60	29.305	29.339	29.380	29.415	29.456	29.415	29.380	29.339	29.305	29.257
65	19.491	19.498	19.512	19.518	19.532	19.518	19.512	19.498	19.491	19.470
70	12.925	12.919	12.919	12.912	12.912	12.912	12.919	12.919	12.925	12.919
75	8.018	8.012	8.005	7.998	7.991	7.998	8.005	8.012	8.018	8.018

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-840U-L20-840D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	3.948	3.948	3.941	3.941	3.941	3.941	3.941	3.948	3.948	3.948
85	0.829	0.829	0.829	0.829	0.829	0.829	0.829	0.829	0.829	0.829
90	0.343	0.343	0.343	0.343	0.343	0.343	0.343	0.343	0.343	0.343
95	0.829	0.829	0.829	0.829	0.829	0.829	0.829	0.829	0.829	0.829
100	3.948	3.948	3.941	3.941	3.941	3.941	3.941	3.948	3.948	3.948
105	8.018	8.012	8.005	7.998	7.991	7.998	8.005	8.012	8.018	8.018
110	12.925	12.919	12.919	12.912	12.912	12.912	12.919	12.919	12.925	12.919
115	19.491	19.498	19.512	19.518	19.532	19.518	19.512	19.498	19.491	19.470
120	29.305	29.339	29.380	29.415	29.456	29.415	29.380	29.339	29.305	29.257
125	44.417	44.465	44.513	44.554	44.602	44.554	44.513	44.465	44.417	44.348
130	64.997	65.045	65.100	65.148	65.203	65.148	65.100	65.045	64.997	64.915
135	93.329	93.398	93.460	93.528	93.597	93.528	93.460	93.398	93.329	93.261
140	155.675	156.305	156.936	157.566	158.197	157.566	156.936	156.305	155.675	155.017
145	411.025	411.415	411.806	412.197	412.587	412.197	411.806	411.415	411.025	410.003
150	836.572	837.593	838.614	839.635	840.656	839.635	838.614	837.593	836.572	835.797
155	1116.909	1117.786	1118.664	1119.541	1120.418	1119.541	1118.664	1117.786	1116.909	1116.299
160	1415.600	1416.710	1417.814	1418.924	1420.034	1418.924	1417.814	1416.710	1415.600	1414.236
165	2027.936	2029.875	2031.815	2033.761	2035.701	2033.761	2031.815	2029.875	2027.936	2025.194
170	3239.668	3242.320	3244.980	3247.632	3250.291	3247.632	3244.980	3242.320	3239.668	3235.981
175	4825.143	4825.479	4825.808	4826.137	4826.466	4826.137	4825.808	4825.479	4825.143	4824.944
180	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897

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	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123	5600.123
5	4824.862	4824.787	4824.711	4824.636	4823.841	4823.046	4822.258	4821.463	4821.182	4821.415
10	3231.259	3226.544	3221.822	3217.107	3213.050	3208.992	3204.935	3200.878	3198.377	3197.438
15	2021.658	2018.129	2014.592	2011.056	2008.369	2005.683	2002.996	2000.310	1998.871	1998.686
20	1412.626	1411.008	1409.398	1407.780	1406.506	1405.238	1403.963	1402.695	1401.955	1401.749
25	1115.963	1115.621	1115.285	1114.942	1115.161	1115.374	1115.593	1115.806	1116.333	1117.176
30	835.269	834.742	834.221	833.693	836.428	839.155	841.890	844.624	846.468	847.420
35	408.338	406.673	405.014	403.349	402.965	402.581	402.197	401.814	401.519	401.320
40	154.324	153.639	152.947	152.262	150.946	149.630	148.321	147.005	146.087	145.566
45	93.185	93.117	93.041	92.973	92.706	92.438	92.171	91.904	91.712	91.595
50	64.799	64.682	64.566	64.449	64.257	64.065	63.867	63.675	63.538	63.455
55	44.245	44.149	44.047	43.951	43.814	43.683	43.546	43.416	43.320	43.272
60	29.195	29.134	29.079	29.017	28.928	28.839	28.750	28.661	28.606	28.572
65	19.443	19.422	19.395	19.368	19.313	19.258	19.203	19.148	19.114	19.107
70	12.912	12.905	12.891	12.884	12.857	12.836	12.809	12.788	12.775	12.768
75	8.012	8.005	8.005	7.998	7.991	7.984	7.977	7.970	7.970	7.977
80	3.941	3.941	3.934	3.927	3.920	3.906	3.900	3.893	3.886	3.886
85	0.829	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
90	0.343	0.329	0.329	0.329	0.329	0.329	0.315	0.315	0.315	0.315
95	0.829	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
100	3.941	3.941	3.934	3.927	3.920	3.906	3.900	3.893	3.886	3.886
105	8.012	8.005	8.005	7.998	7.991	7.984	7.977	7.970	7.970	7.977
110	12.912	12.905	12.891	12.884	12.857	12.836	12.809	12.788	12.775	12.768
115	19.443	19.422	19.395	19.368	19.313	19.258	19.203	19.148	19.114	19.107
120	29.195	29.134	29.079	29.017	28.928	28.839	28.750	28.661	28.606	28.572
125	44.245	44.149	44.047	43.951	43.814	43.683	43.546	43.416	43.320	43.272
130	64.799	64.682	64.566	64.449	64.257	64.065	63.867	63.675	63.538	63.455
135	93.185	93.117	93.041	92.973	92.706	92.438	92.171	91.904	91.712	91.595
140	154.324	153.639	152.947	152.262	150.946	149.630	148.321	147.005	146.087	145.566
145	408.338	406.673	405.014	403.349	402.965	402.581	402.197	401.814	401.519	401.320
150	835.269	834.742	834.221	833.693	836.428	839.155	841.890	844.624	846.468	847.420

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-840U-L20-840D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	1115.963	1115.621	1115.285	1114.942	1115.161	1115.374	1115.593	1115.806	1116.333	1117.176
160	1412.626	1411.008	1409.398	1407.780	1406.506	1405.238	1403.963	1402.695	1401.955	1401.749
165	2021.658	2018.129	2014.592	2011.056	2008.369	2005.683	2002.996	2000.310	1998.871	1998.686
170	3231.259	3226.544	3221.822	3217.107	3213.050	3208.992	3204.935	3200.878	3198.377	3197.438
175	4824.869	4824.787	4824.711	4824.636	4823.841	4823.053	4822.258	4821.463	4821.182	4821.422
180	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897	5599.897

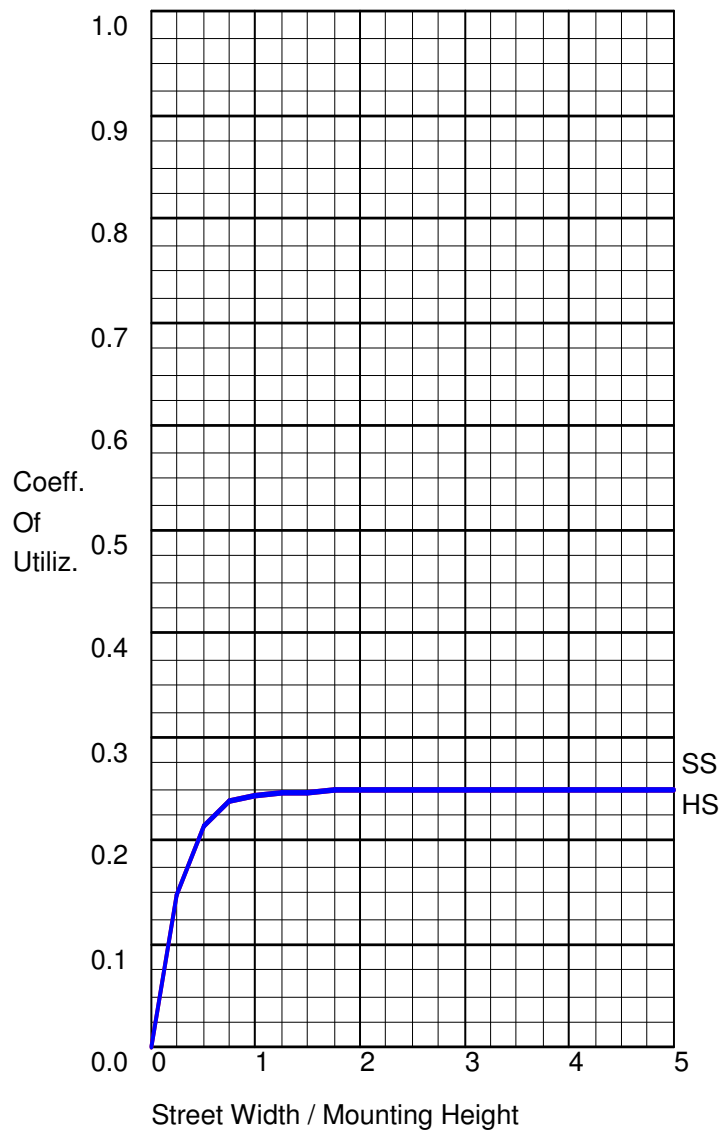
Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	5600.123	5600.123	5600.123
5	4821.655	4821.888	4822.121
10	3196.499	3195.553	3194.614
15	1998.494	1998.309	1998.117
20	1401.551	1401.345	1401.139
25	1118.012	1118.855	1119.692
30	848.380	849.333	850.292
35	401.121	400.916	400.717
40	145.038	144.517	143.996
45	91.479	91.362	91.246
50	63.366	63.284	63.202
55	43.224	43.176	43.128
60	28.537	28.503	28.469
65	19.100	19.087	19.080
70	12.768	12.761	12.761
75	7.984	7.984	7.991
80	3.879	3.879	3.879
85	0.836	0.836	0.836
90	0.302	0.302	0.302
95	0.836	0.836	0.836
100	3.879	3.879	3.879
105	7.984	7.984	7.991
110	12.768	12.761	12.761
115	19.100	19.087	19.080
120	28.537	28.503	28.469
125	43.224	43.176	43.128
130	63.366	63.284	63.202
135	91.479	91.362	91.246
140	145.038	144.517	143.996
145	401.121	400.916	400.717
150	848.380	849.333	850.292
155	1118.012	1118.855	1119.692
160	1401.551	1401.345	1401.139
165	1998.494	1998.309	1998.117
170	3196.499	3195.553	3194.614
175	4821.655	4821.888	4822.121
180	5599.897	5599.897	5599.897

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-840U-L20-840D-XXX-DIM-UNV-N-XX_.IES

COEFFICIENTS OF UTILIZATION



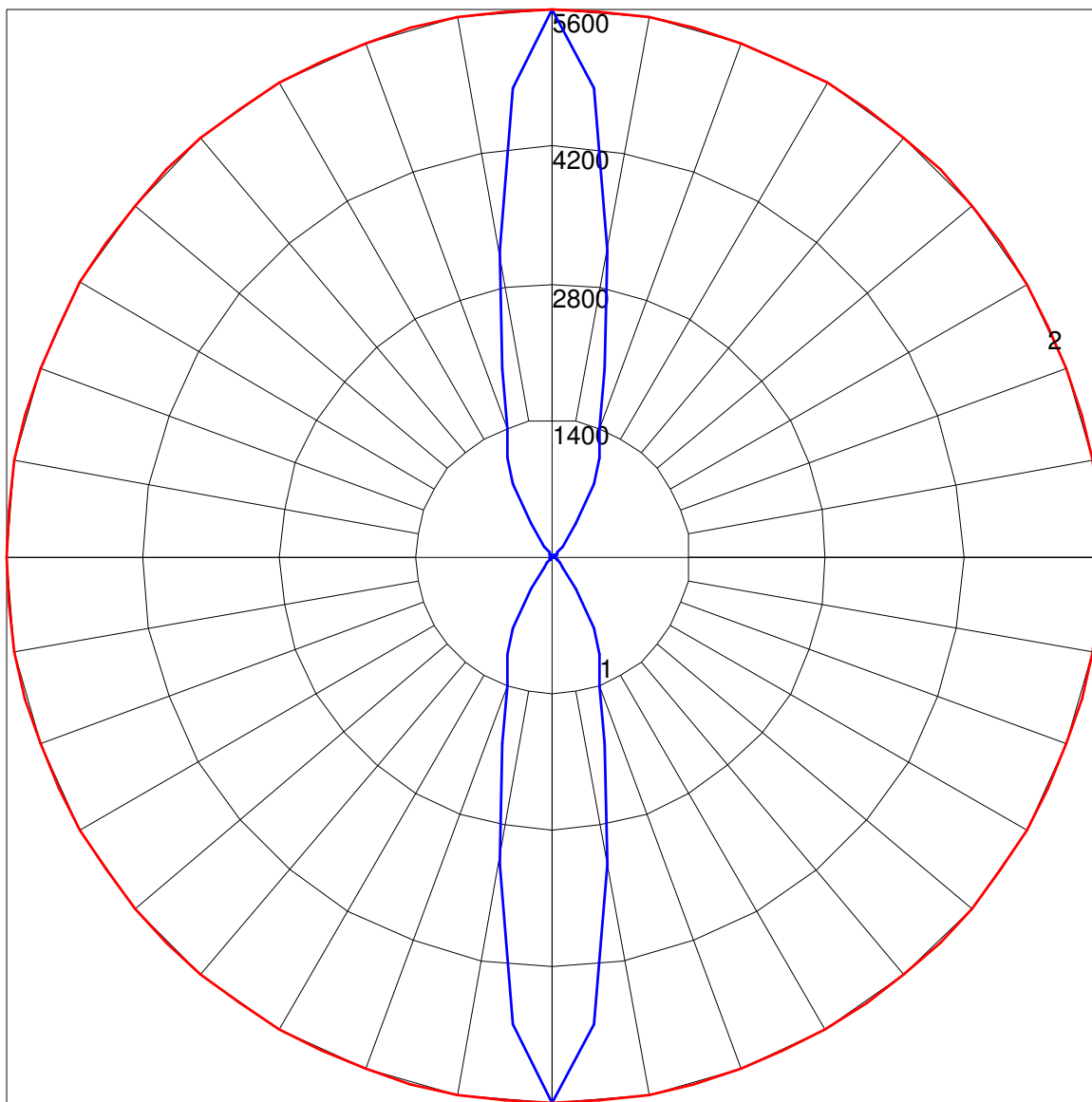
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	970.6	25.0
Downward House Side	970.6	25.0
Downward Total	1941.2	50.0
Upward Street Side	970.6	25.0
Upward House Side	970.6	25.0
Upward Total	1941.2	50.0
Total Flux	3882.4	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L20-840U-L20-840D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH

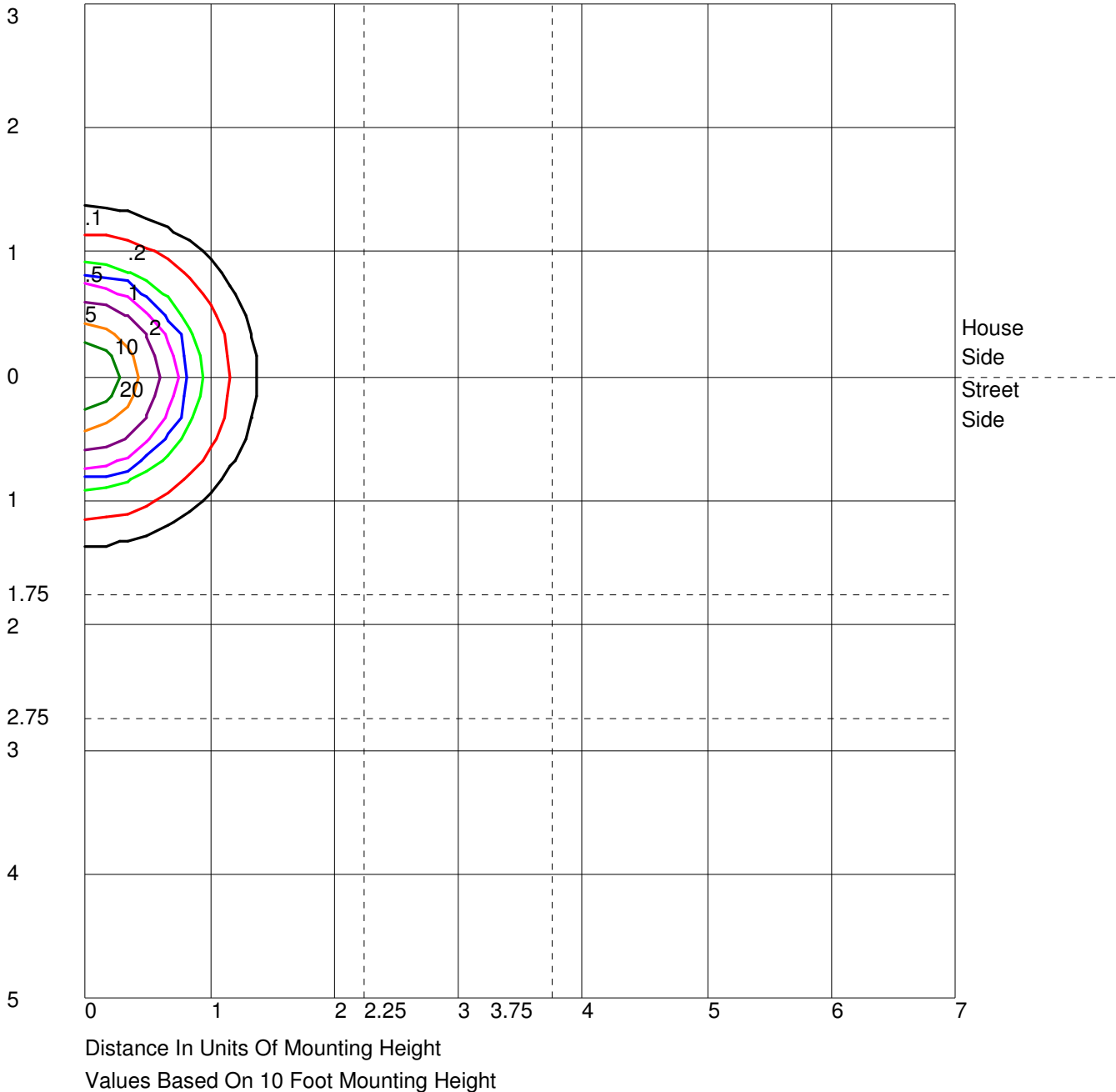


Maximum Candela = 5600.123 Located At Horizontal Angle = 360, Vertical Angle = 0

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



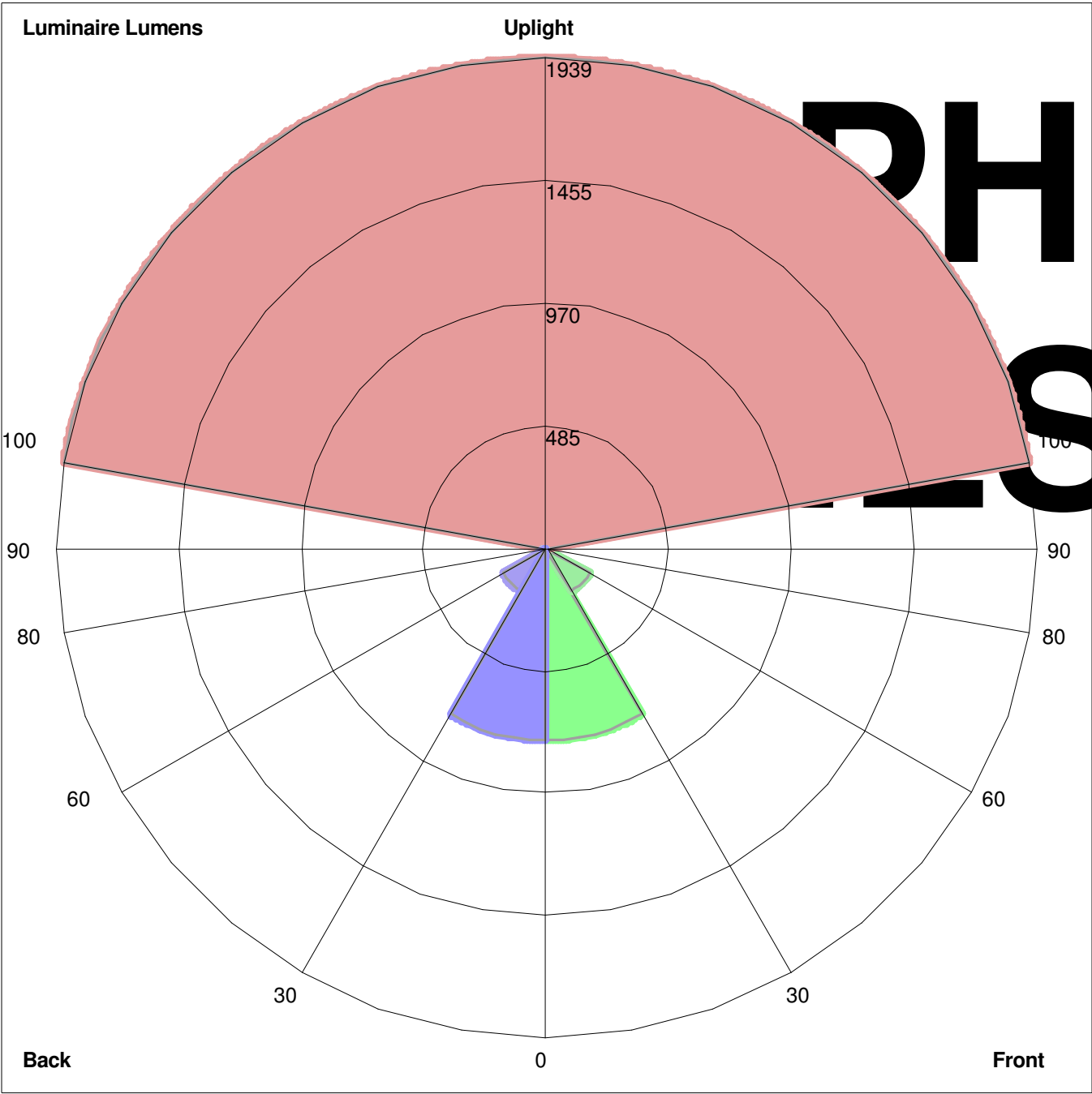


PHOTO
LUMENS