IES ROAD REPORT
PHOTOMETRIC FILENAME : W6CRDI-XX-L50-835U-L50-835D-XXX-DIM-UNV-S-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] GEN FROM W6CR_Angela-S_(V22)_measured
[TESTLAB] LEDIL Inc
[TESTDATE] 21 Aug 2024
[ISSUEDATE] 2025-08-08
[MANUFAC] H.E. WILLIAMS, INC.
[LUMCAT] W6CRDI-xx-L50-835U-L50-835D-xxx-DIM-UNV-S-xx
[LUMINAIRE] 6 INCH ROUND WET LOCATION LED
[MORE] DIRECT/INDIRECT CYLINDER WITH SPOT DISTRIBUTION
[LAMPCAT] BL VERO 22 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	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10233
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	114
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	27630.823
Maximum Candela Angle	340H 175V
Maximum Candela (<90 Degrees Vertical)	27630.823
Maximum Candela Angle (<90 Degrees Vertical)	340H 5V
Maximum Candela At 90 Degrees Vertical	.705 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	8.38 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES ROAD REPORT
PHOTOMETRIC FILENAME : W6CRDI-XX-L50-835U-L50-835D-XXX-DIM-UNV-S-XX_.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2233.3	N.A.	21.8
FM - Front-Medium (30-60)	298.2	N.A.	2.9
FH - Front-High (60-80)	25.0	N.A.	0.2
FVH - Front-Very High (80-90)	1.7	N.A.	0.0
BL - Back-Low (0-30)	2233.3	N.A.	21.8
BM - Back-Medium (30-60)	298.2	N.A.	2.9
BH - Back-High (60-80)	25.0	N.A.	0.2
BVH - Back-Very High (80-90)	1.7	N.A.	0.0
UL - Uplight-Low (90-100)	3.3	N.A.	0.0
UH - Uplight-High (100-180)	5113.0	N.A.	50.0
Total	10232.7	N.A.	100.0
BUG Rating	B3-U5-G0		

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES ROAD REPORT
PHOTOMETRIC FILENAME : W6CRDI-XX-L50-835U-L50-835D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877
5	27554.652	27573.687	27592.738	27611.772	27630.823	27602.191	27525.907	27449.624	27373.341	27297.057
10	11846.641	11867.502	11888.363	11909.241	11930.102	11960.112	11999.288	12038.463	12077.638	12116.813
15	4247.386	4246.825	4246.280	4245.719	4245.159	4261.213	4293.867	4326.505	4359.159	4391.813
20	2321.427	2326.010	2330.592	2335.191	2339.773	2345.990	2353.857	2361.724	2369.575	2377.442
25	1918.268	1918.636	1919.005	1919.373	1919.742	1919.806	1919.598	1919.389	1919.165	1918.957
30	1552.873	1549.781	1546.705	1543.612	1540.520	1534.576	1525.779	1516.967	1508.171	1499.358
35	690.075	691.341	692.607	693.873	695.138	696.709	698.599	700.490	702.381	704.271
40	135.727	138.194	140.646	143.113	145.565	149.442	154.730	160.033	165.321	170.608
45	67.984	68.176	68.352	68.544	68.721	68.929	69.169	69.410	69.634	69.874
50	63.722	63.738	63.770	63.786	63.802	63.754	63.626	63.513	63.385	63.257
55	62.584	62.488	62.392	62.312	62.216	62.023	61.719	61.430	61.126	60.838
60	50.679	50.647	50.631	50.599	50.583	50.407	50.086	49.782	49.462	49.141
65	34.048	33.984	33.936	33.872	33.824	33.760	33.679	33.599	33.535	33.455
70	22.159	22.175	22.175	22.191	22.207	22.207	22.207	22.191	22.191	22.191
75	14.741	14.741	14.741	14.757	14.757	14.757	14.757	14.757	14.757	14.757
80	8.172	8.172	8.172	8.172	8.172	8.188	8.204	8.220	8.252	8.268
85	1.666	1.666	1.666	1.682	1.682	1.682	1.682	1.698	1.698	1.698
90	0.545	0.545	0.577	0.577	0.609	0.609	0.609	0.641	0.641	0.641
95	1.666	1.666	1.666	1.682	1.682	1.682	1.682	1.698	1.698	1.698
100	8.172	8.172	8.172	8.172	8.172	8.188	8.204	8.220	8.252	8.268
105	14.741	14.741	14.741	14.757	14.757	14.757	14.757	14.757	14.757	14.757
110	22.159	22.175	22.175	22.191	22.207	22.207	22.207	22.191	22.191	22.191
115	34.048	33.984	33.936	33.872	33.824	33.760	33.679	33.599	33.535	33.455
120	50.679	50.647	50.631	50.599	50.583	50.407	50.086	49.782	49.462	49.141
125	62.584	62.488	62.392	62.312	62.216	62.023	61.719	61.430	61.126	60.838
130	63.722	63.738	63.770	63.786	63.802	63.754	63.626	63.513	63.385	63.257
135	67.984	68.176	68.352	68.544	68.721	68.929	69.169	69.410	69.634	69.874
140	135.727	138.194	140.646	143.113	145.565	149.442	154.730	160.033	165.321	170.608
145	690.075	691.341	692.607	693.873	695.138	696.709	698.599	700.490	702.381	704.271
150	1552.873	1549.781	1546.705	1543.612	1540.520	1534.576	1525.779	1516.967	1508.171	1499.358
155	1918.268	1918.636	1919.005	1919.373	1919.742	1919.806	1919.598	1919.389	1919.165	1918.957
160	2321.427	2326.010	2330.592	2335.191	2339.773	2345.990	2353.857	2361.724	2369.575	2377.442
165	4247.386	4246.825	4246.280	4245.719	4245.159	4261.213	4293.867	4326.505	4359.159	4391.813
170	11846.641	11867.502	11888.363	11909.241	11930.102	11960.112	11999.288	12038.463	12077.638	12116.813
175	27554.652	27573.703	27592.738	27611.788	27630.823	27602.207	27525.924	27449.640	27373.357	27297.057
180	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877
5	27245.273	27193.488	27141.703	27089.918	27008.523	26897.519	26786.515	26675.511	26564.506	26675.511
10	12157.542	12198.288	12239.017	12279.762	12287.790	12263.099	12238.424	12213.733	12189.059	12213.733
15	4413.812	4435.795	4457.794	4479.793	4488.653	4484.407	4480.161	4475.915	4471.669	4475.915
20	2385.742	2394.025	2402.325	2410.609	2411.458	2404.841	2398.239	2391.622	2385.021	2391.622
25	1919.758	1920.559	1921.344	1922.145	1920.126	1915.304	1910.481	1905.658	1900.835	1905.658
30	1495.304	1491.235	1487.181	1483.127	1478.897	1474.507	1470.133	1465.743	1461.353	1465.743
35	709.479	714.670	719.877	725.084	727.953	728.481	729.010	729.555	730.084	729.555
40	174.726	178.844	182.961	187.079	189.595	190.524	191.453	192.383	193.312	192.383
45	70.243	70.595	70.964	71.332	71.429	71.268	71.092	70.932	70.772	70.932
50	63.321	63.401	63.465	63.545	63.497	63.321	63.145	62.985	62.808	62.985
55	60.774	60.693	60.629	60.549	60.421	60.213	60.020	59.812	59.620	59.812

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

60	49.061	48.965	48.885	48.805	48.725	48.677	48.612	48.564	48.500	48.564
65	33.407	33.359	33.311	33.263	33.167	32.990	32.830	32.654	32.494	32.654
70	22.175	22.159	22.143	22.127	22.063	21.967	21.871	21.775	21.679	21.775
75	14.757	14.757	14.773	14.773	14.741	14.677	14.613	14.548	14.484	14.548
80	8.300	8.316	8.364	8.380	8.380	8.348	8.332	8.284	8.268	8.284
85	1.698	1.698	1.698	1.698	1.698	1.682	1.682	1.666	1.666	1.666
90	0.641	0.673	0.673	0.705	0.705	0.673	0.673	0.641	0.641	0.641
95	1.698	1.698	1.698	1.698	1.698	1.682	1.682	1.666	1.666	1.666
100	8.300	8.316	8.364	8.380	8.380	8.348	8.332	8.284	8.268	8.284
105	14.757	14.757	14.773	14.773	14.741	14.677	14.613	14.548	14.484	14.548
110	22.175	22.159	22.143	22.127	22.063	21.967	21.871	21.775	21.679	21.775
115	33.407	33.359	33.311	33.263	33.167	32.990	32.830	32.654	32.494	32.654
120	49.061	48.965	48.885	48.805	48.725	48.677	48.612	48.564	48.500	48.564
125	60.774	60.693	60.629	60.549	60.421	60.213	60.020	59.812	59.620	59.812
130	63.321	63.401	63.465	63.545	63.497	63.321	63.145	62.985	62.808	62.985
135	70.243	70.595	70.964	71.332	71.429	71.268	71.092	70.932	70.772	70.932
140	174.726	178.844	182.961	187.079	189.595	190.524	191.453	192.383	193.312	192.383
145	709.479	714.670	719.877	725.084	727.953	728.481	729.010	729.555	730.084	729.555
150	1495.304	1491.235	1487.181	1483.127	1478.897	1474.507	1470.133	1465.743	1461.353	1465.743
155	1919.758	1920.559	1921.344	1922.145	1920.126	1915.304	1910.481	1905.658	1900.835	1905.658
160	2385.742	2394.025	2402.325	2410.609	2411.458	2404.841	2398.239	2391.622	2385.021	2391.622
165	4413.812	4435.795	4457.794	4479.793	4488.653	4484.407	4480.161	4475.915	4471.669	4475.915
170	12157.542	12198.288	12239.017	12279.762	12287.790	12263.099	12238.424	12213.733	12189.059	12213.733
175	27245.273	27193.488	27141.703	27089.918	27008.523	26897.519	26786.515	26675.511	26564.506	26675.511
180	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525

Vert. Angles	**Horizontal Angles**									
	100	**105**	**110**	**115**	**120**	**125**	**130**	**135**	**140**	**145**
0	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877
5	26786.515	26897.519	27008.523	27089.918	27141.703	27193.488	27245.273	27297.057	27373.341	27449.624
10	12238.424	12263.099	12287.790	12279.762	12239.017	12198.288	12157.542	12116.813	12077.638	12038.463
15	4480.161	4484.407	4488.653	4479.793	4457.794	4435.795	4413.812	4391.813	4359.159	4326.505
20	2398.239	2404.841	2411.458	2410.609	2402.325	2394.025	2385.742	2377.442	2369.575	2361.724
25	1910.481	1915.304	1920.126	1922.145	1921.344	1920.559	1919.758	1918.957	1919.165	1919.389
30	1470.133	1474.507	1478.897	1483.127	1487.181	1491.235	1495.304	1499.358	1508.171	1516.967
35	729.010	728.481	727.953	725.084	719.877	714.670	709.479	704.271	702.381	700.490
40	191.453	190.524	189.595	187.079	182.961	178.844	174.726	170.608	165.321	160.033
45	71.092	71.268	71.429	71.332	70.964	70.595	70.243	69.874	69.634	69.410
50	63.145	63.321	63.497	63.545	63.465	63.401	63.321	63.257	63.385	63.513
55	60.020	60.213	60.421	60.549	60.629	60.693	60.774	60.838	61.126	61.430
60	48.612	48.677	48.725	48.805	48.885	48.965	49.061	49.141	49.462	49.782
65	32.830	32.990	33.167	33.263	33.311	33.359	33.407	33.455	33.535	33.599
70	21.871	21.967	22.063	22.127	22.143	22.159	22.175	22.191	22.191	22.191
75	14.613	14.677	14.741	14.773	14.773	14.757	14.757	14.757	14.757	14.757
80	8.332	8.348	8.380	8.380	8.364	8.316	8.300	8.268	8.252	8.220
85	1.682	1.682	1.698	1.698	1.698	1.698	1.698	1.698	1.698	1.698
90	0.673	0.673	0.705	0.705	0.673	0.673	0.641	0.641	0.641	0.641
95	1.682	1.682	1.698	1.698	1.698	1.698	1.698	1.698	1.698	1.698
100	8.332	8.348	8.380	8.380	8.364	8.316	8.300	8.268	8.252	8.220
105	14.613	14.677	14.741	14.773	14.773	14.757	14.757	14.757	14.757	14.757
110	21.871	21.967	22.063	22.127	22.143	22.159	22.175	22.191	22.191	22.191
115	32.830	32.990	33.167	33.263	33.311	33.359	33.407	33.455	33.535	33.599
120	48.612	48.677	48.725	48.805	48.885	48.965	49.061	49.141	49.462	49.782
125	60.020	60.213	60.421	60.549	60.629	60.693	60.774	60.838	61.126	61.430
130	63.145	63.321	63.497	63.545	63.465	63.401	63.321	63.257	63.385	63.513

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

135	71.092	71.268	71.429	71.332	70.964	70.595	70.243	69.874	69.634	69.410
140	191.453	190.524	189.595	187.079	182.961	178.844	174.726	170.608	165.321	160.033
145	729.010	728.481	727.953	725.084	719.877	714.670	709.479	704.271	702.381	700.490
150	1470.133	1474.507	1478.897	1483.127	1487.181	1491.235	1495.304	1499.358	1508.171	1516.967
155	1910.481	1915.304	1920.126	1922.145	1921.344	1920.559	1919.758	1918.957	1919.165	1919.389
160	2398.239	2404.841	2411.458	2410.609	2402.325	2394.025	2385.742	2377.442	2369.575	2361.724
165	4480.161	4484.407	4488.653	4479.793	4457.794	4435.795	4413.812	4391.813	4359.159	4326.505
170	12238.42	412263.09	912287.79	012279.76	212239.01	712198.28	812157.54	212116.81	312077.63	812038.463
175	26786.51	526897.51	927008.52	327089.91	827141.70	327193.48	827245.27	327297.05	727373.35	727449.640
180	26520.52	526520.52	526520.52	526520.52	526520.52	526520.52	526520.52	526520.52	526520.52	526520.525

Vert. Angles	**Horizontal Angles**									
	150	**155**	**160**	**165**	**170**	**175**	**180**	**185**	**190**	**195**
0	26520.87	726520.87	726520.87	726520.87	726520.87	726520.87	726520.87	726520.87	726520.87	726520.877
5	27525.90	727602.19	127630.82	327611.77	227592.73	827573.68	727554.65	227573.68	727592.73	827611.772
10	11999.28	811960.11	211930.10	211909.24	111888.36	311867.50	211846.64	111867.50	211888.36	311909.241
15	4293.867	4261.213	4245.159	4245.719	4246.280	4246.825	4247.386	4246.825	4246.280	4245.719
20	2353.857	2345.990	2339.773	2335.191	2330.592	2326.010	2321.427	2326.010	2330.592	2335.191
25	1919.598	1919.806	1919.742	1919.373	1919.005	1918.636	1918.268	1918.636	1919.005	1919.373
30	1525.779	1534.576	1540.520	1543.612	1546.705	1549.781	1552.873	1549.781	1546.705	1543.612
35	698.599	696.709	695.138	693.873	692.607	691.341	690.075	691.341	692.607	693.873
40	154.730	149.442	145.565	143.113	140.646	138.194	135.727	138.194	140.646	143.113
45	69.169	68.929	68.721	68.544	68.352	68.176	67.984	68.176	68.352	68.544
50	63.626	63.754	63.802	63.786	63.770	63.738	63.722	63.738	63.770	63.786
55	61.719	62.023	62.216	62.312	62.392	62.488	62.584	62.488	62.392	62.312
60	50.086	50.407	50.583	50.599	50.631	50.647	50.679	50.647	50.631	50.599
65	33.679	33.760	33.824	33.872	33.936	33.984	34.048	33.984	33.936	33.872
70	22.207	22.207	22.207	22.191	22.175	22.175	22.159	22.175	22.175	22.191
75	14.757	14.757	14.757	14.757	14.741	14.741	14.741	14.741	14.741	14.757
80	8.204	8.188	8.172	8.172	8.172	8.172	8.172	8.172	8.172	8.172
85	1.682	1.682	1.682	1.682	1.666	1.666	1.666	1.666	1.666	1.682
90	0.609	0.609	0.609	0.577	0.577	0.545	0.545	0.545	0.577	0.577
95	1.682	1.682	1.682	1.682	1.666	1.666	1.666	1.666	1.666	1.682
100	8.204	8.188	8.172	8.172	8.172	8.172	8.172	8.172	8.172	8.172
105	14.757	14.757	14.757	14.757	14.741	14.741	14.741	14.741	14.741	14.757
110	22.207	22.207	22.207	22.191	22.175	22.175	22.159	22.175	22.175	22.191
115	33.679	33.760	33.824	33.872	33.936	33.984	34.048	33.984	33.936	33.872
120	50.086	50.407	50.583	50.599	50.631	50.647	50.679	50.647	50.631	50.599
125	61.719	62.023	62.216	62.312	62.392	62.488	62.584	62.488	62.392	62.312
130	63.626	63.754	63.802	63.786	63.770	63.738	63.722	63.738	63.770	63.786
135	69.169	68.929	68.721	68.544	68.352	68.176	67.984	68.176	68.352	68.544
140	154.730	149.442	145.565	143.113	140.646	138.194	135.727	138.194	140.646	143.113
145	698.599	696.709	695.138	693.873	692.607	691.341	690.075	691.341	692.607	693.873
150	1525.779	1534.576	1540.520	1543.612	1546.705	1549.781	1552.873	1549.781	1546.705	1543.612
155	1919.598	1919.806	1919.742	1919.373	1919.005	1918.636	1918.268	1918.636	1919.005	1919.373
160	2353.857	2345.990	2339.773	2335.191	2330.592	2326.010	2321.427	2326.010	2330.592	2335.191
165	4293.867	4261.213	4245.159	4245.719	4246.280	4246.825	4247.386	4246.825	4246.280	4245.719
170	11999.28	811960.11	211930.10	211909.24	111888.36	311867.50	211846.64	111867.50	211888.36	311909.241
175	27525.92	427602.20	727630.82	327611.78	827592.73	827573.70	327554.65	227573.70	327592.73	827611.788
180	26520.52	526520.52	526520.52	526520.52	526520.52	526520.52	526520.52	526520.52	526520.52	526520.525

Vert. Angles	**Horizontal Angles**									
	200	**205**	**210**	**215**	**220**	**225**	**230**	**235**	**240**	**245**
0	26520.87	726520.87	726520.87	726520.87	726520.87	726520.87	726520.87	726520.87	726520.87	726520.877

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

5	27630.823	27602.191	27525.907	27449.624	27373.341	27297.057	27245.273	27193.488	27141.703	27089.918
10	11930.102	11960.112	11999.288	12038.463	12077.638	12116.813	12157.542	12198.288	12239.017	12279.762
15	4245.159	4261.213	4293.867	4326.505	4359.159	4391.813	4413.812	4435.795	4457.794	4479.793
20	2339.773	2345.990	2353.857	2361.724	2369.575	2377.442	2385.742	2394.025	2402.325	2410.609
25	1919.742	1919.806	1919.598	1919.389	1919.165	1918.957	1919.758	1920.559	1921.344	1922.145
30	1540.520	1534.576	1525.779	1516.967	1508.171	1499.358	1495.304	1491.235	1487.181	1483.127
35	695.138	696.709	698.599	700.490	702.381	704.271	709.479	714.670	719.877	725.084
40	145.565	149.442	154.730	160.033	165.321	170.608	174.726	178.844	182.961	187.079
45	68.721	68.929	69.169	69.410	69.634	69.874	70.243	70.595	70.964	71.332
50	63.802	63.754	63.626	63.513	63.385	63.257	63.321	63.401	63.465	63.545
55	62.216	62.023	61.719	61.430	61.126	60.838	60.774	60.693	60.629	60.549
60	50.583	50.407	50.086	49.782	49.462	49.141	49.061	48.965	48.885	48.805
65	33.824	33.760	33.679	33.599	33.535	33.455	33.407	33.359	33.311	33.263
70	22.207	22.207	22.207	22.191	22.191	22.191	22.175	22.159	22.143	22.127
75	14.757	14.757	14.757	14.757	14.757	14.757	14.757	14.757	14.773	14.773
80	8.172	8.188	8.204	8.220	8.252	8.268	8.300	8.316	8.364	8.380
85	1.682	1.682	1.682	1.698	1.698	1.698	1.698	1.698	1.698	1.698
90	0.609	0.609	0.609	0.641	0.641	0.641	0.641	0.673	0.673	0.705
95	1.682	1.682	1.682	1.698	1.698	1.698	1.698	1.698	1.698	1.698
100	8.172	8.188	8.204	8.220	8.252	8.268	8.300	8.316	8.364	8.380
105	14.757	14.757	14.757	14.757	14.757	14.757	14.757	14.757	14.773	14.773
110	22.207	22.207	22.207	22.191	22.191	22.191	22.175	22.159	22.143	22.127
115	33.824	33.760	33.679	33.599	33.535	33.455	33.407	33.359	33.311	33.263
120	50.583	50.407	50.086	49.782	49.462	49.141	49.061	48.965	48.885	48.805
125	62.216	62.023	61.719	61.430	61.126	60.838	60.774	60.693	60.629	60.549
130	63.802	63.754	63.626	63.513	63.385	63.257	63.321	63.401	63.465	63.545
135	68.721	68.929	69.169	69.410	69.634	69.874	70.243	70.595	70.964	71.332
140	145.565	149.442	154.730	160.033	165.321	170.608	174.726	178.844	182.961	187.079
145	695.138	696.709	698.599	700.490	702.381	704.271	709.479	714.670	719.877	725.084
150	1540.520	1534.576	1525.779	1516.967	1508.171	1499.358	1495.304	1491.235	1487.181	1483.127
155	1919.742	1919.806	1919.598	1919.389	1919.165	1918.957	1919.758	1920.559	1921.344	1922.145
160	2339.773	2345.990	2353.857	2361.724	2369.575	2377.442	2385.742	2394.025	2402.325	2410.609
165	4245.159	4261.213	4293.867	4326.505	4359.159	4391.813	4413.812	4435.795	4457.794	4479.793
170	11930.102	11960.112	11999.288	12038.463	12077.638	12116.813	12157.542	12198.288	12239.017	12279.762
175	27630.823	27602.207	27525.924	27449.640	27373.357	27297.057	27245.273	27193.488	27141.703	27089.918
180	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525

Vert. Angles	**Horizontal Angles**									
	250	**255**	**260**	**265**	**270**	**275**	**280**	**285**	**290**	**295**
0	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877
5	27008.523	26897.519	26786.515	26675.511	26564.506	26675.511	26786.515	26897.519	27008.523	27089.918
10	12287.790	12263.099	12238.424	12213.733	12189.059	12213.733	12238.424	12263.099	12287.790	12279.762
15	4488.653	4484.407	4480.161	4475.915	4471.669	4475.915	4480.161	4484.407	4488.653	4479.793
20	2411.458	2404.841	2398.239	2391.622	2385.021	2391.622	2398.239	2404.841	2411.458	2410.609
25	1920.126	1915.304	1910.481	1905.658	1900.835	1905.658	1910.481	1915.304	1920.126	1922.145
30	1478.897	1474.507	1470.133	1465.743	1461.353	1465.743	1470.133	1474.507	1478.897	1483.127
35	727.953	728.481	729.010	729.555	730.084	729.555	729.010	728.481	727.953	725.084
40	189.595	190.524	191.453	192.383	193.312	192.383	191.453	190.524	189.595	187.079
45	71.429	71.268	71.092	70.932	70.772	70.932	71.092	71.268	71.429	71.332
50	63.497	63.321	63.145	62.985	62.808	62.985	63.145	63.321	63.497	63.545
55	60.421	60.213	60.020	59.812	59.620	59.812	60.020	60.213	60.421	60.549
60	48.725	48.677	48.612	48.564	48.500	48.564	48.612	48.677	48.725	48.805
65	33.167	32.990	32.830	32.654	32.494	32.654	32.830	32.990	33.167	33.263
70	22.063	21.967	21.871	21.775	21.679	21.775	21.871	21.967	22.063	22.127
75	14.741	14.677	14.613	14.548	14.484	14.548	14.613	14.677	14.741	14.773

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

80	8.380	8.348	8.332	8.284	8.268	8.284	8.332	8.348	8.380	8.380
85	1.698	1.682	1.682	1.666	1.666	1.666	1.682	1.682	1.698	1.698
90	0.705	0.673	0.673	0.641	0.641	0.641	0.673	0.673	0.705	0.705
95	1.698	1.682	1.682	1.666	1.666	1.666	1.682	1.682	1.698	1.698
100	8.380	8.348	8.332	8.284	8.268	8.284	8.332	8.348	8.380	8.380
105	14.741	14.677	14.613	14.548	14.484	14.548	14.613	14.677	14.741	14.773
110	22.063	21.967	21.871	21.775	21.679	21.775	21.871	21.967	22.063	22.127
115	33.167	32.990	32.830	32.654	32.494	32.654	32.830	32.990	33.167	33.263
120	48.725	48.677	48.612	48.564	48.500	48.564	48.612	48.677	48.725	48.805
125	60.421	60.213	60.020	59.812	59.620	59.812	60.020	60.213	60.421	60.549
130	63.497	63.321	63.145	62.985	62.808	62.985	63.145	63.321	63.497	63.545
135	71.429	71.268	71.092	70.932	70.772	70.932	71.092	71.268	71.429	71.332
140	189.595	190.524	191.453	192.383	193.312	192.383	191.453	190.524	189.595	187.079
145	727.953	728.481	729.010	729.555	730.084	729.555	729.010	728.481	727.953	725.084
150	1478.897	1474.507	1470.133	1465.743	1461.353	1465.743	1470.133	1474.507	1478.897	1483.127
155	1920.126	1915.304	1910.481	1905.658	1900.835	1905.658	1910.481	1915.304	1920.126	1922.145
160	2411.458	2404.841	2398.239	2391.622	2385.021	2391.622	2398.239	2404.841	2411.458	2410.609
165	4488.653	4484.407	4480.161	4475.915	4471.669	4475.915	4480.161	4484.407	4488.653	4479.793
170	12287.790	12263.099	12238.424	12213.733	12189.059	12213.733	12238.424	12263.099	12287.790	12279.762
175	27008.523	26897.519	26786.515	26675.511	26564.506	26675.511	26786.515	26897.519	27008.523	27089.918
180	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525

Vert. Angles	**Horizontal Angles**									
	300	**305**	**310**	**315**	**320**	**325**	**330**	**335**	**340**	**345**
0	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877	26520.877
5	27141.703	27193.488	27245.273	27297.057	27373.341	27449.624	27525.907	27602.191	27630.823	27611.772
10	12239.017	12198.288	12157.542	12116.813	12077.638	12038.463	11999.288	11960.112	11930.102	11909.241
15	4457.794	4435.795	4413.812	4391.813	4359.159	4326.505	4293.867	4261.213	4245.159	4245.719
20	2402.325	2394.025	2385.742	2377.442	2369.575	2361.724	2353.857	2345.990	2339.773	2335.191
25	1921.344	1920.559	1919.758	1918.957	1919.165	1919.389	1919.598	1919.806	1919.742	1919.373
30	1487.181	1491.235	1495.304	1499.358	1508.171	1516.967	1525.779	1534.576	1540.520	1543.612
35	719.877	714.670	709.479	704.271	702.381	700.490	698.599	696.709	695.138	693.873
40	182.961	178.844	174.726	170.608	165.321	160.033	154.730	149.442	145.565	143.113
45	70.964	70.595	70.243	69.874	69.634	69.410	69.169	68.929	68.721	68.544
50	63.465	63.401	63.321	63.257	63.385	63.513	63.626	63.754	63.802	63.786
55	60.629	60.693	60.774	60.838	61.126	61.430	61.719	62.023	62.216	62.312
60	48.885	48.965	49.061	49.141	49.462	49.782	50.086	50.407	50.583	50.599
65	33.311	33.359	33.407	33.455	33.535	33.599	33.679	33.760	33.824	33.872
70	22.143	22.159	22.175	22.191	22.191	22.191	22.207	22.207	22.207	22.191
75	14.773	14.757	14.757	14.757	14.757	14.757	14.757	14.757	14.757	14.757
80	8.364	8.316	8.300	8.268	8.252	8.220	8.204	8.188	8.172	8.172
85	1.698	1.698	1.698	1.698	1.698	1.698	1.682	1.682	1.682	1.682
90	0.673	0.673	0.641	0.641	0.641	0.641	0.609	0.609	0.609	0.577
95	1.698	1.698	1.698	1.698	1.698	1.698	1.682	1.682	1.682	1.682
100	8.364	8.316	8.300	8.268	8.252	8.220	8.204	8.188	8.172	8.172
105	14.773	14.757	14.757	14.757	14.757	14.757	14.757	14.757	14.757	14.757
110	22.143	22.159	22.175	22.191	22.191	22.191	22.207	22.207	22.207	22.191
115	33.311	33.359	33.407	33.455	33.535	33.599	33.679	33.760	33.824	33.872
120	48.885	48.965	49.061	49.141	49.462	49.782	50.086	50.407	50.583	50.599
125	60.629	60.693	60.774	60.838	61.126	61.430	61.719	62.023	62.216	62.312
130	63.465	63.401	63.321	63.257	63.385	63.513	63.626	63.754	63.802	63.786
135	70.964	70.595	70.243	69.874	69.634	69.410	69.169	68.929	68.721	68.544
140	182.961	178.844	174.726	170.608	165.321	160.033	154.730	149.442	145.565	143.113
145	719.877	714.670	709.479	704.271	702.381	700.490	698.599	696.709	695.138	693.873
150	1487.181	1491.235	1495.304	1499.358	1508.171	1516.967	1525.779	1534.576	1540.520	1543.612

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

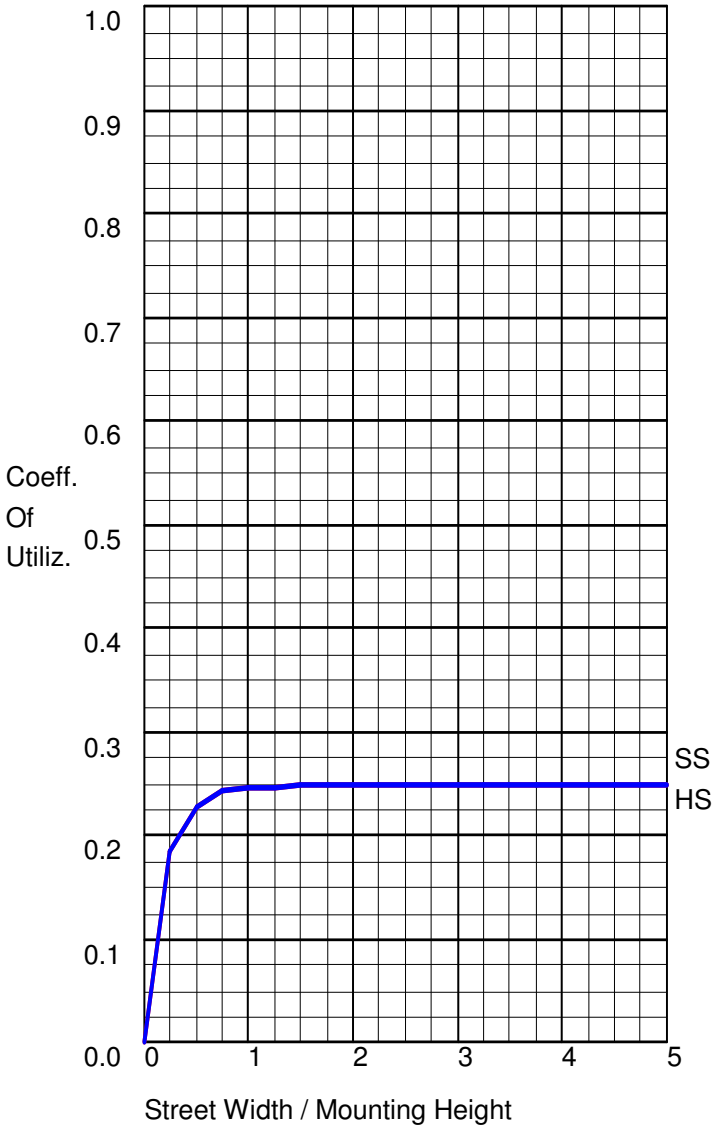
155	1921.344	1920.559	1919.758	1918.957	1919.165	1919.389	1919.598	1919.806	1919.742	1919.373
160	2402.325	2394.025	2385.742	2377.442	2369.575	2361.724	2353.857	2345.990	2339.773	2335.191
165	4457.794	4435.795	4413.812	4391.813	4359.159	4326.505	4293.867	4261.213	4245.159	4245.719
170	12239.01	712198.28	812157.54	212116.81	312077.63	812038.46	311999.28	811960.11	211930.10	211909.241
175	27141.70	327193.48	827245.27	327297.05	727373.35	727449.64	027525.92	427602.20	727630.82	327611.788
180	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525	26520.525

Vert. Angles	**Horizontal Angles**		
	350	**355**	**360**
0	26520.877	26520.877	26520.877
5	27592.738	27573.687	27554.652
10	11888.363	11867.502	11846.641
15	4246.280	4246.825	4247.386
20	2330.592	2326.010	2321.427
25	1919.005	1918.636	1918.268
30	1546.705	1549.781	1552.873
35	692.607	691.341	690.075
40	140.646	138.194	135.727
45	68.352	68.176	67.984
50	63.770	63.738	63.722
55	62.392	62.488	62.584
60	50.631	50.647	50.679
65	33.936	33.984	34.048
70	22.175	22.175	22.159
75	14.741	14.741	14.741
80	8.172	8.172	8.172
85	1.666	1.666	1.666
90	0.577	0.545	0.545
95	1.666	1.666	1.666
100	8.172	8.172	8.172
105	14.741	14.741	14.741
110	22.175	22.175	22.159
115	33.936	33.984	34.048
120	50.631	50.647	50.679
125	62.392	62.488	62.584
130	63.770	63.738	63.722
135	68.352	68.176	67.984
140	140.646	138.194	135.727
145	692.607	691.341	690.075
150	1546.705	1549.781	1552.873
155	1919.005	1918.636	1918.268
160	2330.592	2326.010	2321.427
165	4246.280	4246.825	4247.386
170	11888.363	11867.502	11846.641
175	27592.738	27573.703	27554.652
180	26520.525	26520.525	26520.525

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES ROAD REPORT
PHOTOMETRIC FILENAME : W6CRDI-XX-L50-835U-L50-835D-XXX-DIM-UNV-S-XX_.IES

COEFFICIENTS OF UTILIZATION



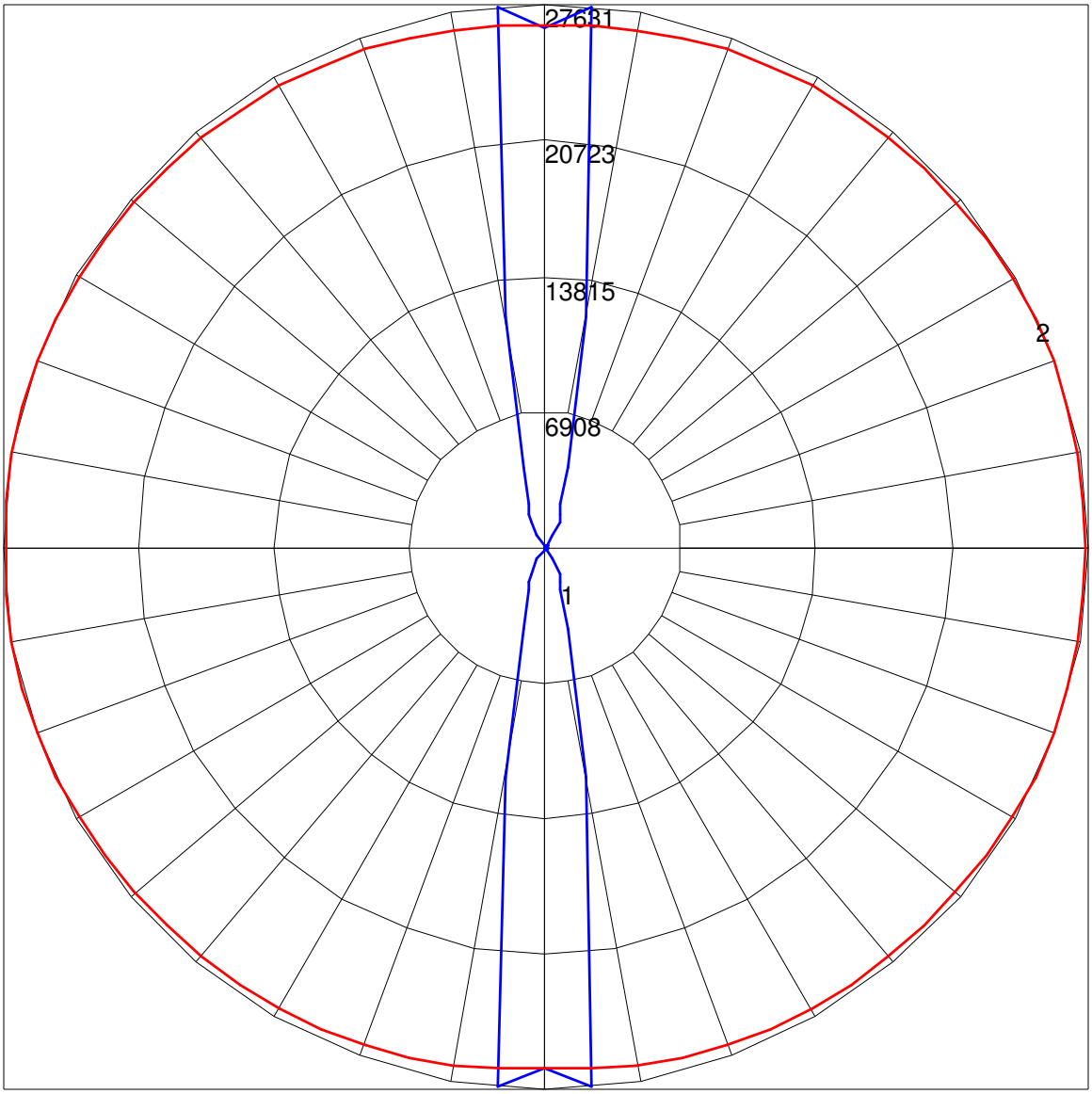
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2558.1	25.0
Downward House Side	2558.2	25.0
Downward Total	5116.3	50.0
Upward Street Side	2558.1	25.0
Upward House Side	2558.1	25.0
Upward Total	5116.2	50.0
Total Flux	10232.5	100.0

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES ROAD REPORT
PHOTOMETRIC FILENAME : W6CRDI-XX-L50-835U-L50-835D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH

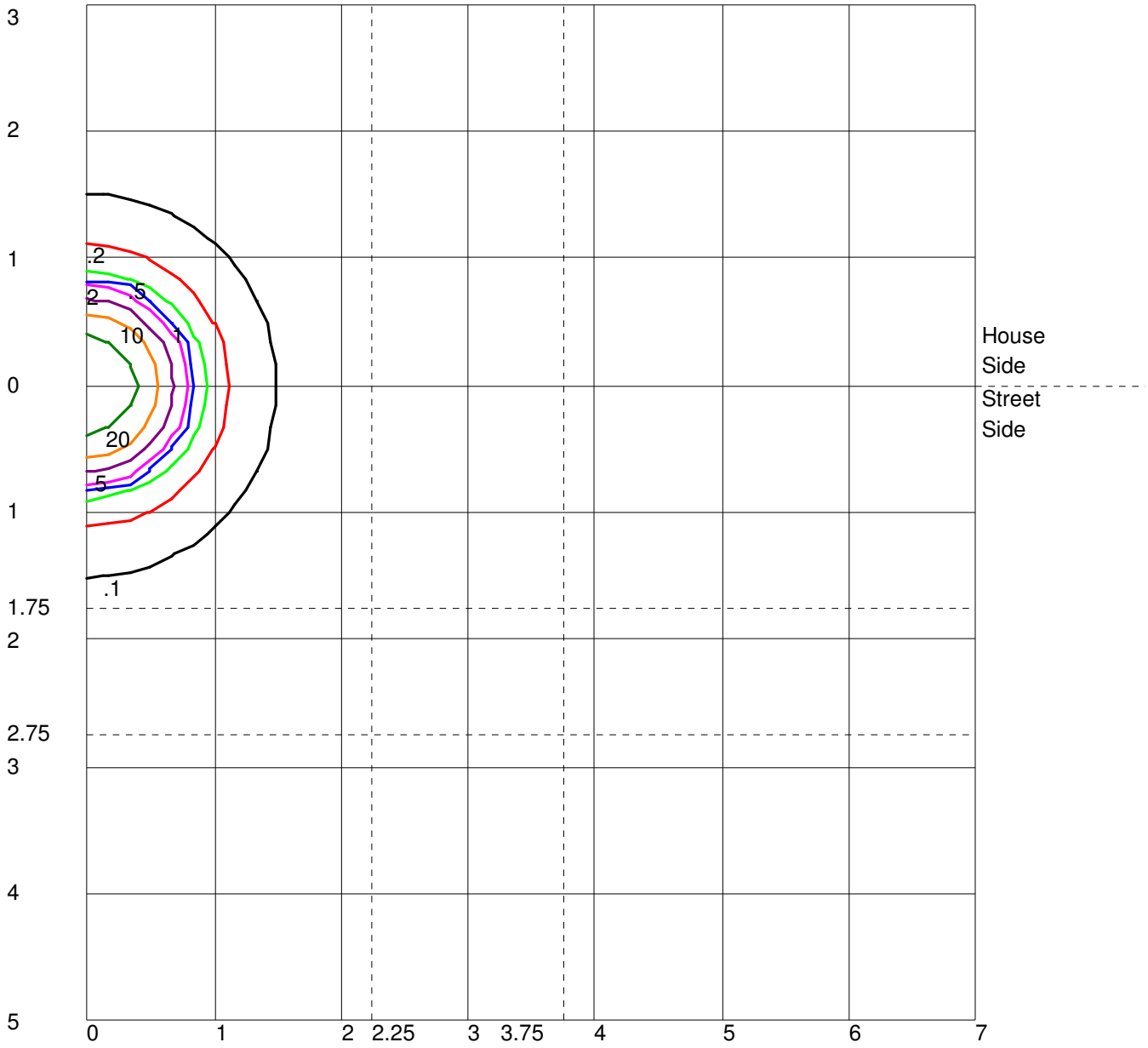


Maximum Candela = 27630.823 Located At Horizontal Angle = 340, Vertical Angle = 175
1 - Vertical Plane Through Horizontal Angles (340 - 160) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (175) (Through Max. Cd.)

Photometric Toolbox (R) Copyright 2002-2019 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

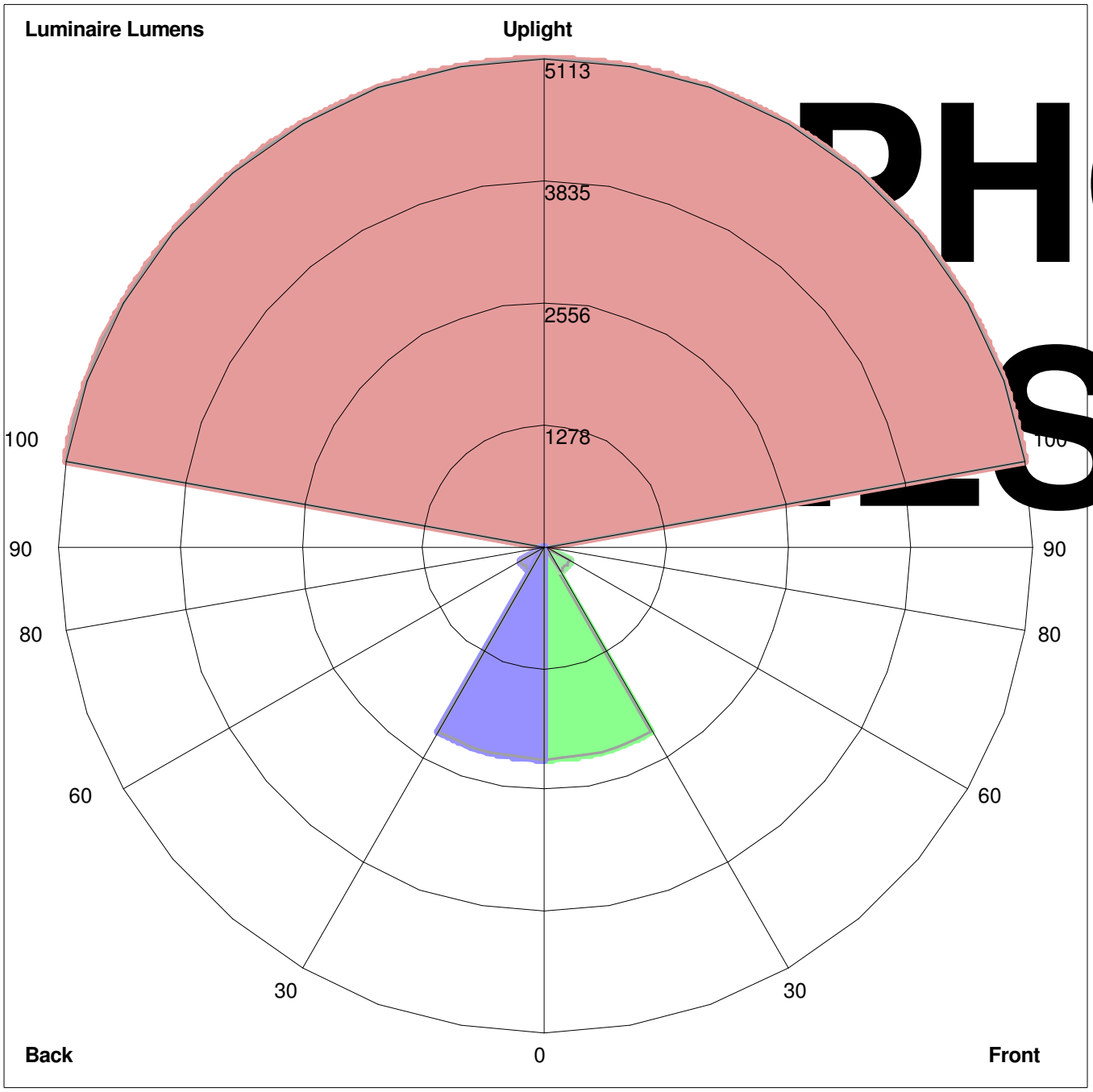
IES ROAD REPORT
PHOTOMETRIC FILENAME : W6CRDI-XX-L50-835U-L50-835D-XXX-DIM-UNV-S-XX_.IES

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height

Values Based On 10 Foot Mounting Height


Luminaire Lumens
Uplight
5113
3835
2556
1278
100
90
80
60
30
0
Back
Front