

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-835U-L30-835D-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-L30-835U-L30-835D-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	5506
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	102
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	7941.984
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	7941.984
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.486 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.598 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L30-835U-L30-835D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1075.9	N.A.	19.5
FM - Front-Medium (30-60)	279.1	N.A.	5.1
FH - Front-High (60-80)	20.2	N.A.	0.4
FVH - Front-Very High (80-90)	1.1	N.A.	0.0
BL - Back-Low (0-30)	1075.9	N.A.	19.5
BM - Back-Medium (30-60)	279.1	N.A.	5.1
BH - Back-High (60-80)	20.2	N.A.	0.4
BVH - Back-Very High (80-90)	1.1	N.A.	0.0
UL - Uplight-Low (90-100)	2.3	N.A.	0.0
UH - Uplight-High (100-180)	2750.6	N.A.	50.0
Total	5505.5	N.A.	100.0
BUG Rating	B3-U5-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	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984
5	6838.636	6838.306	6837.976	6837.635	6837.305	6837.703	6838.831	6839.949	6841.076	6842.203
10	4530.539	4531.870	4533.212	4534.543	4535.875	4539.422	4545.176	4550.930	4556.684	4562.438
15	2833.690	2833.962	2834.224	2834.496	2834.759	2836.800	2840.610	2844.420	2848.230	2852.040
20	1987.068	1987.360	1987.651	1987.933	1988.225	1989.274	1991.073	1992.880	1994.678	1996.486
25	1587.925	1586.739	1585.543	1584.358	1583.162	1582.414	1582.112	1581.801	1581.500	1581.189
30	1205.867	1204.507	1203.156	1201.795	1200.444	1197.830	1193.952	1190.074	1186.205	1182.327
35	568.289	568.571	568.863	569.144	569.426	569.844	570.389	570.933	571.477	572.021
40	204.213	204.951	205.690	206.439	207.177	208.480	210.346	212.202	214.068	215.934
45	129.403	129.568	129.734	129.899	130.064	130.336	130.715	131.094	131.473	131.852
50	89.632	89.748	89.865	89.991	90.108	90.302	90.574	90.856	91.128	91.401
55	61.164	61.232	61.300	61.368	61.436	61.572	61.757	61.951	62.136	62.330
60	40.374	40.423	40.471	40.520	40.568	40.646	40.773	40.899	41.025	41.152
65	27.059	27.068	27.088	27.097	27.107	27.156	27.234	27.311	27.389	27.467
70	18.097	18.097	18.107	18.107	18.117	18.136	18.165	18.204	18.233	18.272
75	11.333	11.323	11.323	11.313	11.304	11.304	11.313	11.323	11.333	11.342
80	5.501	5.501	5.501	5.511	5.511	5.521	5.530	5.540	5.559	5.569
85	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186
90	0.428	0.428	0.428	0.447	0.447	0.447	0.447	0.467	0.467	0.467
95	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186
100	5.501	5.501	5.501	5.511	5.511	5.521	5.530	5.540	5.559	5.569
105	11.333	11.323	11.323	11.313	11.304	11.304	11.313	11.323	11.333	11.342
110	18.097	18.097	18.107	18.107	18.117	18.136	18.165	18.204	18.233	18.272
115	27.059	27.068	27.088	27.097	27.107	27.156	27.234	27.311	27.389	27.467
120	40.374	40.423	40.471	40.520	40.568	40.646	40.773	40.899	41.025	41.152
125	61.164	61.232	61.300	61.368	61.436	61.572	61.757	61.951	62.136	62.330
130	89.632	89.748	89.865	89.991	90.108	90.302	90.574	90.856	91.128	91.401
135	129.403	129.568	129.734	129.899	130.064	130.336	130.715	131.094	131.473	131.852
140	204.213	204.951	205.690	206.439	207.177	208.480	210.346	212.202	214.068	215.934
145	568.289	568.571	568.863	569.144	569.426	569.844	570.389	570.933	571.477	572.021
150	1205.867	1204.507	1203.156	1201.795	1200.444	1197.830	1193.952	1190.074	1186.205	1182.327
155	1587.925	1586.739	1585.543	1584.358	1583.162	1582.414	1582.112	1581.801	1581.500	1581.189
160	1987.068	1987.360	1987.651	1987.933	1988.225	1989.274	1991.073	1992.880	1994.678	1996.486
165	2833.690	2833.962	2834.224	2834.496	2834.759	2836.800	2840.610	2844.420	2848.230	2852.040
170	4530.539	4531.870	4533.212	4534.543	4535.875	4539.422	4545.176	4550.930	4556.684	4562.438
175	6838.636	6838.306	6837.976	6837.645	6837.305	6837.703	6838.831	6839.958	6841.076	6842.203
180	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664

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	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984
5	6842.310	6842.417	6842.524	6842.631	6842.923	6843.389	6843.865	6844.332	6844.798	6844.332
10	4569.125	4575.821	4582.508	4589.205	4594.434	4598.195	4601.966	4605.728	4609.499	4605.728
15	2857.055	2862.070	2867.076	2872.091	2875.979	2878.729	2881.480	2884.240	2886.991	2884.240
20	1998.780	2001.064	2003.358	2005.642	2007.576	2009.151	2010.715	2012.290	2013.864	2012.290
25	1581.675	1582.151	1582.637	1583.113	1583.978	1585.223	1586.467	1587.711	1588.955	1587.711
30	1183.076	1183.814	1184.563	1185.311	1186.409	1187.857	1189.306	1190.754	1192.202	1190.754
35	574.383	576.735	579.097	581.459	582.907	583.461	584.015	584.569	585.123	584.569
40	216.906	217.888	218.860	219.841	220.775	221.669	222.563	223.457	224.351	223.457
45	131.950	132.057	132.154	132.261	132.358	132.455	132.542	132.640	132.737	132.640
50	91.566	91.731	91.896	92.061	92.178	92.246	92.324	92.392	92.470	92.392
55	62.466	62.612	62.748	62.894	62.991	63.059	63.127	63.185	63.253	63.185

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## CANDELA TABULATION - (Cont.)

60	41.239	41.317	41.404	41.492	41.560	41.608	41.667	41.715	41.774	41.715
65	27.506	27.545	27.574	27.613	27.642	27.651	27.671	27.681	27.700	27.681
70	18.282	18.301	18.311	18.321	18.331	18.321	18.321	18.311	18.311	18.311
75	11.352	11.352	11.362	11.372	11.372	11.362	11.352	11.342	11.333	11.342
80	5.579	5.589	5.589	5.598	5.598	5.598	5.589	5.589	5.589	5.589
85	1.186	1.186	1.176	1.176	1.176	1.176	1.176	1.176	1.176	1.176
90	0.467	0.467	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486
95	1.186	1.186	1.176	1.176	1.176	1.176	1.176	1.176	1.176	1.176
100	5.579	5.589	5.589	5.598	5.598	5.598	5.589	5.589	5.589	5.589
105	11.352	11.352	11.362	11.372	11.372	11.362	11.352	11.342	11.333	11.342
110	18.282	18.301	18.311	18.321	18.331	18.321	18.321	18.311	18.311	18.311
115	27.506	27.545	27.574	27.613	27.642	27.651	27.671	27.681	27.700	27.681
120	41.239	41.317	41.404	41.492	41.560	41.608	41.667	41.715	41.774	41.715
125	62.466	62.612	62.748	62.894	62.991	63.059	63.127	63.185	63.253	63.185
130	91.566	91.731	91.896	92.061	92.178	92.246	92.324	92.392	92.470	92.392
135	131.950	132.057	132.154	132.261	132.358	132.455	132.542	132.640	132.737	132.640
140	216.906	217.888	218.860	219.841	220.775	221.669	222.563	223.457	224.351	223.457
145	574.383	576.735	579.097	581.459	582.907	583.461	584.015	584.569	585.123	584.569
150	1183.076	1183.814	1184.563	1185.311	1186.409	1187.857	1189.306	1190.754	1192.202	1190.754
155	1581.675	1582.151	1582.637	1583.113	1583.978	1585.223	1586.467	1587.711	1588.955	1587.711
160	1998.780	2001.064	2003.358	2005.642	2007.576	2009.151	2010.715	2012.290	2013.864	2012.290
165	2857.055	2862.070	2867.076	2872.091	2875.979	2878.729	2881.480	2884.240	2886.991	2884.240
170	4569.125	4575.821	4582.508	4589.205	4594.434	4598.195	4601.966	4605.728	4609.499	4605.728
175	6842.310	6842.417	6842.534	6842.641	6842.923	6843.399	6843.865	6844.332	6844.798	6844.332
180	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664

## 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	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984
5	6843.865	6843.389	6842.923	6842.631	6842.524	6842.417	6842.310	6842.203	6841.076	6839.949
10	4601.966	4598.195	4594.434	4589.205	4582.508	4575.821	4569.125	4562.438	4556.684	4550.930
15	2881.480	2878.729	2875.979	2872.091	2867.076	2862.070	2857.055	2852.040	2848.230	2844.420
20	2010.715	2009.151	2007.576	2005.642	2003.358	2001.064	1998.780	1996.486	1994.678	1992.880
25	1586.467	1585.223	1583.978	1583.113	1582.637	1582.151	1581.675	1581.189	1581.500	1581.801
30	1189.306	1187.857	1186.409	1185.311	1184.563	1183.814	1183.076	1182.327	1186.205	1190.074
35	584.015	583.461	582.907	581.459	579.097	576.735	574.383	572.021	571.477	570.933
40	222.563	221.669	220.775	219.841	218.860	217.888	216.906	215.934	214.068	212.202
45	132.542	132.455	132.358	132.261	132.154	132.057	131.950	131.852	131.473	131.094
50	92.324	92.246	92.178	92.061	91.896	91.731	91.566	91.401	91.128	90.856
55	63.127	63.059	62.991	62.894	62.748	62.612	62.466	62.330	62.136	61.951
60	41.667	41.608	41.560	41.492	41.404	41.317	41.239	41.152	41.025	40.899
65	27.671	27.651	27.642	27.613	27.574	27.545	27.506	27.467	27.389	27.311
70	18.321	18.321	18.331	18.321	18.311	18.301	18.282	18.272	18.233	18.204
75	11.352	11.362	11.372	11.372	11.362	11.352	11.352	11.342	11.333	11.323
80	5.589	5.598	5.598	5.598	5.589	5.589	5.579	5.569	5.559	5.540
85	1.176	1.176	1.176	1.176	1.176	1.186	1.186	1.186	1.186	1.186
90	0.486	0.486	0.486	0.486	0.486	0.467	0.467	0.467	0.467	0.467
95	1.176	1.176	1.176	1.176	1.176	1.186	1.186	1.186	1.186	1.186
100	5.589	5.598	5.598	5.598	5.589	5.589	5.579	5.569	5.559	5.540
105	11.352	11.362	11.372	11.372	11.362	11.352	11.352	11.342	11.333	11.323
110	18.321	18.321	18.331	18.321	18.311	18.301	18.282	18.272	18.233	18.204
115	27.671	27.651	27.642	27.613	27.574	27.545	27.506	27.467	27.389	27.311
120	41.667	41.608	41.560	41.492	41.404	41.317	41.239	41.152	41.025	40.899
125	63.127	63.059	62.991	62.894	62.748	62.612	62.466	62.330	62.136	61.951
130	92.324	92.246	92.178	92.061	91.896	91.731	91.566	91.401	91.128	90.856

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## CANDELA TABULATION - (Cont.)

135	132.542	132.455	132.358	132.261	132.154	132.057	131.950	131.852	131.473	131.094
140	222.563	221.669	220.775	219.841	218.860	217.888	216.906	215.934	214.068	212.202
145	584.015	583.461	582.907	581.459	579.097	576.735	574.383	572.021	571.477	570.933
150	1189.306	1187.857	1186.409	1185.311	1184.563	1183.814	1183.076	1182.327	1186.205	1190.074
155	1586.467	1585.223	1583.978	1583.113	1582.637	1582.151	1581.675	1581.189	1581.500	1581.801
160	2010.715	2009.151	2007.576	2005.642	2003.358	2001.064	1998.780	1996.486	1994.678	1992.880
165	2881.480	2878.729	2875.979	2872.091	2867.076	2862.070	2857.055	2852.040	2848.230	2844.420
170	4601.966	4598.195	4594.434	4589.205	4582.508	4575.821	4569.125	4562.438	4556.684	4550.930
175	6843.865	6843.399	6842.923	6842.641	6842.534	6842.417	6842.310	6842.203	6841.076	6839.958
180	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664

## 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	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984
5	6838.831	6837.703	6837.305	6837.635	6837.976	6838.306	6838.636	6838.306	6837.976	6837.635
10	4545.176	4539.422	4535.875	4534.543	4533.212	4531.870	4530.539	4531.870	4533.212	4534.543
15	2840.610	2836.800	2834.759	2834.496	2834.224	2833.962	2833.690	2833.962	2834.224	2834.496
20	1991.073	1989.274	1988.225	1987.933	1987.651	1987.360	1987.068	1987.360	1987.651	1987.933
25	1582.112	1582.414	1583.162	1584.358	1585.543	1586.739	1587.925	1586.739	1585.543	1584.358
30	1193.952	1197.830	1200.444	1201.795	1203.156	1204.507	1205.867	1204.507	1203.156	1201.795
35	570.389	569.844	569.426	569.144	568.863	568.571	568.289	568.571	568.863	569.144
40	210.346	208.480	207.177	206.439	205.690	204.951	204.213	204.951	205.690	206.439
45	130.715	130.336	130.064	129.899	129.734	129.568	129.403	129.568	129.734	129.899
50	90.574	90.302	90.108	89.991	89.865	89.748	89.632	89.748	89.865	89.991
55	61.757	61.572	61.436	61.368	61.300	61.232	61.164	61.232	61.300	61.368
60	40.773	40.646	40.568	40.520	40.471	40.423	40.374	40.423	40.471	40.520
65	27.234	27.156	27.107	27.097	27.088	27.068	27.059	27.068	27.088	27.097
70	18.165	18.136	18.117	18.107	18.107	18.097	18.097	18.097	18.107	18.107
75	11.313	11.304	11.304	11.313	11.323	11.323	11.333	11.323	11.323	11.313
80	5.530	5.521	5.511	5.511	5.501	5.501	5.501	5.501	5.501	5.511
85	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186
90	0.447	0.447	0.447	0.447	0.428	0.428	0.428	0.428	0.428	0.447
95	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186
100	5.530	5.521	5.511	5.511	5.501	5.501	5.501	5.501	5.501	5.511
105	11.313	11.304	11.304	11.313	11.323	11.323	11.333	11.323	11.323	11.313
110	18.165	18.136	18.117	18.107	18.107	18.097	18.097	18.097	18.107	18.107
115	27.234	27.156	27.107	27.097	27.088	27.068	27.059	27.068	27.088	27.097
120	40.773	40.646	40.568	40.520	40.471	40.423	40.374	40.423	40.471	40.520
125	61.757	61.572	61.436	61.368	61.300	61.232	61.164	61.232	61.300	61.368
130	90.574	90.302	90.108	89.991	89.865	89.748	89.632	89.748	89.865	89.991
135	130.715	130.336	130.064	129.899	129.734	129.568	129.403	129.568	129.734	129.899
140	210.346	208.480	207.177	206.439	205.690	204.951	204.213	204.951	205.690	206.439
145	570.389	569.844	569.426	569.144	568.863	568.571	568.289	568.571	568.863	569.144
150	1193.952	1197.830	1200.444	1201.795	1203.156	1204.507	1205.867	1204.507	1203.156	1201.795
155	1582.112	1582.414	1583.162	1584.358	1585.543	1586.739	1587.925	1586.739	1585.543	1584.358
160	1991.073	1989.274	1988.225	1987.933	1987.651	1987.360	1987.068	1987.360	1987.651	1987.933
165	2840.610	2836.800	2834.759	2834.496	2834.224	2833.962	2833.690	2833.962	2834.224	2834.496
170	4545.176	4539.422	4535.875	4534.543	4533.212	4531.870	4530.539	4531.870	4533.212	4534.543
175	6838.831	6837.703	6837.305	6837.645	6837.976	6838.306	6838.636	6838.306	6837.976	6837.645
180	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664

## 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	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-835U-L30-835D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	6837.305	6837.703	6838.831	6839.949	6841.076	6842.203	6842.310	6842.417	6842.524	6842.631
10	4535.875	4539.422	4545.176	4550.930	4556.684	4562.438	4569.125	4575.821	4582.508	4589.205
15	2834.759	2836.800	2840.610	2844.420	2848.230	2852.040	2857.055	2862.070	2867.076	2872.091
20	1988.225	1989.274	1991.073	1992.880	1994.678	1996.486	1998.780	2001.064	2003.358	2005.642
25	1583.162	1582.414	1582.112	1581.801	1581.500	1581.189	1581.675	1582.151	1582.637	1583.113
30	1200.444	1197.830	1193.952	1190.074	1186.205	1182.327	1183.076	1183.814	1184.563	1185.311
35	569.426	569.844	570.389	570.933	571.477	572.021	574.383	576.735	579.097	581.459
40	207.177	208.480	210.346	212.202	214.068	215.934	216.906	217.888	218.860	219.841
45	130.064	130.336	130.715	131.094	131.473	131.852	131.950	132.057	132.154	132.261
50	90.108	90.302	90.574	90.856	91.128	91.401	91.566	91.731	91.896	92.061
55	61.436	61.572	61.757	61.951	62.136	62.330	62.466	62.612	62.748	62.894
60	40.568	40.646	40.773	40.899	41.025	41.152	41.239	41.317	41.404	41.492
65	27.107	27.156	27.234	27.311	27.389	27.467	27.506	27.545	27.574	27.613
70	18.117	18.136	18.165	18.204	18.233	18.272	18.282	18.301	18.311	18.321
75	11.304	11.304	11.313	11.323	11.333	11.342	11.352	11.352	11.362	11.372
80	5.511	5.521	5.530	5.540	5.559	5.569	5.579	5.589	5.589	5.598
85	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.176	1.176
90	0.447	0.447	0.447	0.467	0.467	0.467	0.467	0.467	0.486	0.486
95	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.176	1.176
100	5.511	5.521	5.530	5.540	5.559	5.569	5.579	5.589	5.589	5.598
105	11.304	11.304	11.313	11.323	11.333	11.342	11.352	11.352	11.362	11.372
110	18.117	18.136	18.165	18.204	18.233	18.272	18.282	18.301	18.311	18.321
115	27.107	27.156	27.234	27.311	27.389	27.467	27.506	27.545	27.574	27.613
120	40.568	40.646	40.773	40.899	41.025	41.152	41.239	41.317	41.404	41.492
125	61.436	61.572	61.757	61.951	62.136	62.330	62.466	62.612	62.748	62.894
130	90.108	90.302	90.574	90.856	91.128	91.401	91.566	91.731	91.896	92.061
135	130.064	130.336	130.715	131.094	131.473	131.852	131.950	132.057	132.154	132.261
140	207.177	208.480	210.346	212.202	214.068	215.934	216.906	217.888	218.860	219.841
145	569.426	569.844	570.389	570.933	571.477	572.021	574.383	576.735	579.097	581.459
150	1200.444	1197.830	1193.952	1190.074	1186.205	1182.327	1183.076	1183.814	1184.563	1185.311
155	1583.162	1582.414	1582.112	1581.801	1581.500	1581.189	1581.675	1582.151	1582.637	1583.113
160	1988.225	1989.274	1991.073	1992.880	1994.678	1996.486	1998.780	2001.064	2003.358	2005.642
165	2834.759	2836.800	2840.610	2844.420	2848.230	2852.040	2857.055	2862.070	2867.076	2872.091
170	4535.875	4539.422	4545.176	4550.930	4556.684	4562.438	4569.125	4575.821	4582.508	4589.205
175	6837.305	6837.703	6838.831	6839.958	6841.076	6842.203	6842.310	6842.417	6842.534	6842.641
180	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664

## Vert. Horizontal Angles

	<u>250</u>	<u>255</u>	<u>260</u>	<u>265</u>	<u>270</u>	<u>275</u>	<u>280</u>	<u>285</u>	<u>290</u>	<u>295</u>
0	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984
5	6842.923	6843.389	6843.865	6844.332	6844.798	6844.332	6843.865	6843.389	6842.923	6842.631
10	4594.434	4598.195	4601.966	4605.728	4609.499	4605.728	4601.966	4598.195	4594.434	4589.205
15	2875.979	2878.729	2881.480	2884.240	2886.991	2884.240	2881.480	2878.729	2875.979	2872.091
20	2007.576	2009.151	2010.715	2012.290	2013.864	2012.290	2010.715	2009.151	2007.576	2005.642
25	1583.978	1585.223	1586.467	1587.711	1588.955	1587.711	1586.467	1585.223	1583.978	1583.113
30	1186.409	1187.857	1189.306	1190.754	1192.202	1190.754	1189.306	1187.857	1186.409	1185.311
35	582.907	583.461	584.015	584.569	585.123	584.569	584.015	583.461	582.907	581.459
40	220.775	221.669	222.563	223.457	224.351	223.457	222.563	221.669	220.775	219.841
45	132.358	132.455	132.542	132.640	132.737	132.640	132.542	132.455	132.358	132.261
50	92.178	92.246	92.324	92.392	92.470	92.392	92.324	92.246	92.178	92.061
55	62.991	63.059	63.127	63.185	63.253	63.185	63.127	63.059	62.991	62.894
60	41.560	41.608	41.667	41.715	41.774	41.715	41.667	41.608	41.560	41.492
65	27.642	27.651	27.671	27.681	27.700	27.681	27.671	27.651	27.642	27.613
70	18.331	18.321	18.321	18.311	18.311	18.311	18.321	18.321	18.331	18.321
75	11.372	11.362	11.352	11.342	11.333	11.342	11.352	11.362	11.372	11.372

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-835U-L30-835D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	5.598	5.598	5.589	5.589	5.589	5.589	5.589	5.598	5.598	5.598
85	1.176	1.176	1.176	1.176	1.176	1.176	1.176	1.176	1.176	1.176
90	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486
95	1.176	1.176	1.176	1.176	1.176	1.176	1.176	1.176	1.176	1.176
100	5.598	5.598	5.589	5.589	5.589	5.589	5.589	5.598	5.598	5.598
105	11.372	11.362	11.352	11.342	11.333	11.342	11.352	11.362	11.372	11.372
110	18.331	18.321	18.321	18.311	18.311	18.311	18.321	18.321	18.331	18.321
115	27.642	27.651	27.671	27.681	27.700	27.681	27.671	27.651	27.642	27.613
120	41.560	41.608	41.667	41.715	41.774	41.715	41.667	41.608	41.560	41.492
125	62.991	63.059	63.127	63.185	63.253	63.185	63.127	63.059	62.991	62.894
130	92.178	92.246	92.324	92.392	92.470	92.392	92.324	92.246	92.178	92.061
135	132.358	132.455	132.542	132.640	132.737	132.640	132.542	132.455	132.358	132.261
140	220.775	221.669	222.563	223.457	224.351	223.457	222.563	221.669	220.775	219.841
145	582.907	583.461	584.015	584.569	585.123	584.569	584.015	583.461	582.907	581.459
150	1186.409	1187.857	1189.306	1190.754	1192.202	1190.754	1189.306	1187.857	1186.409	1185.311
155	1583.978	1585.223	1586.467	1587.711	1588.955	1587.711	1586.467	1585.223	1583.978	1583.113
160	2007.576	2009.151	2010.715	2012.290	2013.864	2012.290	2010.715	2009.151	2007.576	2005.642
165	2875.979	2878.729	2881.480	2884.240	2886.991	2884.240	2881.480	2878.729	2875.979	2872.091
170	4594.434	4598.195	4601.966	4605.728	4609.499	4605.728	4601.966	4598.195	4594.434	4589.205
175	6842.923	6843.399	6843.865	6844.332	6844.798	6844.332	6843.865	6843.399	6842.923	6842.641
180	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664

## 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	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984	7941.984
5	6842.524	6842.417	6842.310	6842.203	6841.076	6839.949	6838.831	6837.703	6837.305	6837.635
10	4582.508	4575.821	4569.125	4562.438	4556.684	4550.930	4545.176	4539.422	4535.875	4534.543
15	2867.076	2862.070	2857.055	2852.040	2848.230	2844.420	2840.610	2836.800	2834.759	2834.496
20	2003.358	2001.064	1998.780	1996.486	1994.678	1992.880	1991.073	1989.274	1988.225	1987.933
25	1582.637	1582.151	1581.675	1581.189	1581.500	1581.801	1582.112	1582.414	1583.162	1584.358
30	1184.563	1183.814	1183.076	1182.327	1186.205	1190.074	1193.952	1197.830	1200.444	1201.795
35	579.097	576.735	574.383	572.021	571.477	570.933	570.389	569.844	569.426	569.144
40	218.860	217.888	216.906	215.934	214.068	212.202	210.346	208.480	207.177	206.439
45	132.154	132.057	131.950	131.852	131.473	131.094	130.715	130.336	130.064	129.899
50	91.896	91.731	91.566	91.401	91.128	90.856	90.574	90.302	90.108	89.991
55	62.748	62.612	62.466	62.330	62.136	61.951	61.757	61.572	61.436	61.368
60	41.404	41.317	41.239	41.152	41.025	40.899	40.773	40.646	40.568	40.520
65	27.574	27.545	27.506	27.467	27.389	27.311	27.234	27.156	27.107	27.097
70	18.311	18.301	18.282	18.272	18.233	18.204	18.165	18.136	18.117	18.107
75	11.362	11.352	11.352	11.342	11.333	11.323	11.313	11.304	11.304	11.313
80	5.589	5.589	5.579	5.569	5.559	5.540	5.530	5.521	5.511	5.511
85	1.176	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186
90	0.486	0.467	0.467	0.467	0.467	0.467	0.447	0.447	0.447	0.447
95	1.176	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186	1.186
100	5.589	5.589	5.579	5.569	5.559	5.540	5.530	5.521	5.511	5.511
105	11.362	11.352	11.352	11.342	11.333	11.323	11.313	11.304	11.304	11.313
110	18.311	18.301	18.282	18.272	18.233	18.204	18.165	18.136	18.117	18.107
115	27.574	27.545	27.506	27.467	27.389	27.311	27.234	27.156	27.107	27.097
120	41.404	41.317	41.239	41.152	41.025	40.899	40.773	40.646	40.568	40.520
125	62.748	62.612	62.466	62.330	62.136	61.951	61.757	61.572	61.436	61.368
130	91.896	91.731	91.566	91.401	91.128	90.856	90.574	90.302	90.108	89.991
135	132.154	132.057	131.950	131.852	131.473	131.094	130.715	130.336	130.064	129.899
140	218.860	217.888	216.906	215.934	214.068	212.202	210.346	208.480	207.177	206.439
145	579.097	576.735	574.383	572.021	571.477	570.933	570.389	569.844	569.426	569.144
150	1184.563	1183.814	1183.076	1182.327	1186.205	1190.074	1193.952	1197.830	1200.444	1201.795

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L30-835U-L30-835D-XXX-DIM-UNV-N-XX\_.IES****CANDELA TABULATION - (Cont.)**

<b>155</b>	1582.637	1582.151	1581.675	1581.189	1581.500	1581.801	1582.112	1582.414	1583.162	1584.358
<b>160</b>	2003.358	2001.064	1998.780	1996.486	1994.678	1992.880	1991.073	1989.274	1988.225	1987.933
<b>165</b>	2867.076	2862.070	2857.055	2852.040	2848.230	2844.420	2840.610	2836.800	2834.759	2834.496
<b>170</b>	4582.508	4575.821	4569.125	4562.438	4556.684	4550.930	4545.176	4539.422	4535.875	4534.543
<b>175</b>	6842.534	6842.417	6842.310	6842.203	6841.076	6839.958	6838.831	6837.703	6837.305	6837.645
<b>180</b>	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664	7941.664

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

	<u><b>350</b></u>	<u><b>355</b></u>	<u><b>360</b></u>
<b>0</b>	7941.984	7941.984	7941.984
<b>5</b>	6837.976	6838.306	6838.636
<b>10</b>	4533.212	4531.870	4530.539
<b>15</b>	2834.224	2833.962	2833.690
<b>20</b>	1987.651	1987.360	1987.068
<b>25</b>	1585.543	1586.739	1587.925
<b>30</b>	1203.156	1204.507	1205.867
<b>35</b>	568.863	568.571	568.289
<b>40</b>	205.690	204.951	204.213
<b>45</b>	129.734	129.568	129.403
<b>50</b>	89.865	89.748	89.632
<b>55</b>	61.300	61.232	61.164
<b>60</b>	40.471	40.423	40.374
<b>65</b>	27.088	27.068	27.059
<b>70</b>	18.107	18.097	18.097
<b>75</b>	11.323	11.323	11.333
<b>80</b>	5.501	5.501	5.501
<b>85</b>	1.186	1.186	1.186
<b>90</b>	0.428	0.428	0.428
<b>95</b>	1.186	1.186	1.186
<b>100</b>	5.501	5.501	5.501
<b>105</b>	11.323	11.323	11.333
<b>110</b>	18.107	18.097	18.097
<b>115</b>	27.088	27.068	27.059
<b>120</b>	40.471	40.423	40.374
<b>125</b>	61.300	61.232	61.164
<b>130</b>	89.865	89.748	89.632
<b>135</b>	129.734	129.568	129.403
<b>140</b>	205.690	204.951	204.213
<b>145</b>	568.863	568.571	568.289
<b>150</b>	1203.156	1204.507	1205.867
<b>155</b>	1585.543	1586.739	1587.925
<b>160</b>	1987.651	1987.360	1987.068
<b>165</b>	2834.224	2833.962	2833.690
<b>170</b>	4533.212	4531.870	4530.539
<b>175</b>	6837.976	6838.306	6838.636
<b>180</b>	7941.664	7941.664	7941.664



COEFFICIENTS OF UTILIZATION



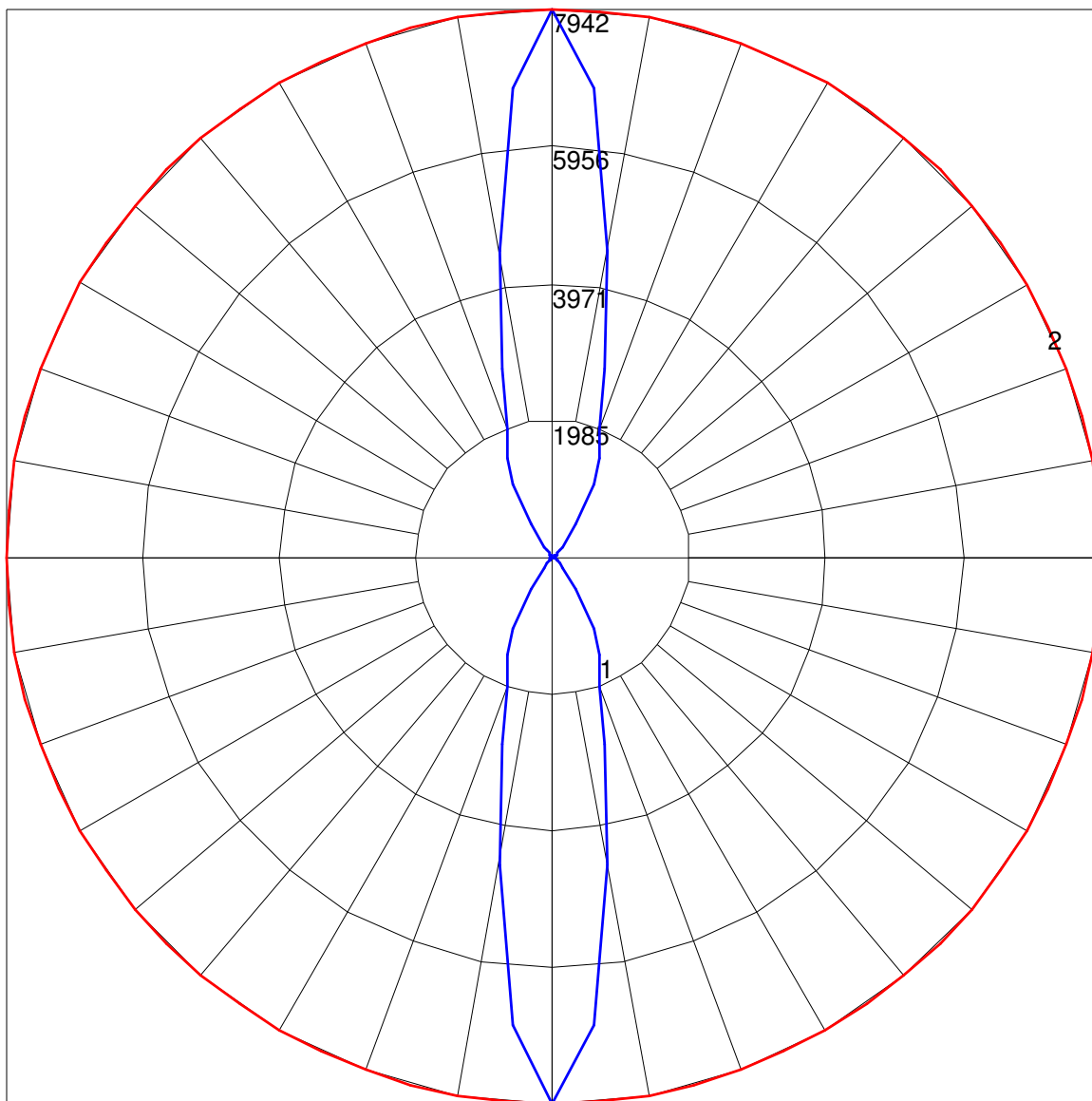
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1376.4	25.0
Downward House Side	1376.4	25.0
Downward Total	2752.8	50.0
Upward Street Side	1376.4	25.0
Upward House Side	1376.4	25.0
Upward Total	2752.8	50.0
Total Flux	5505.6	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-835U-L30-835D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

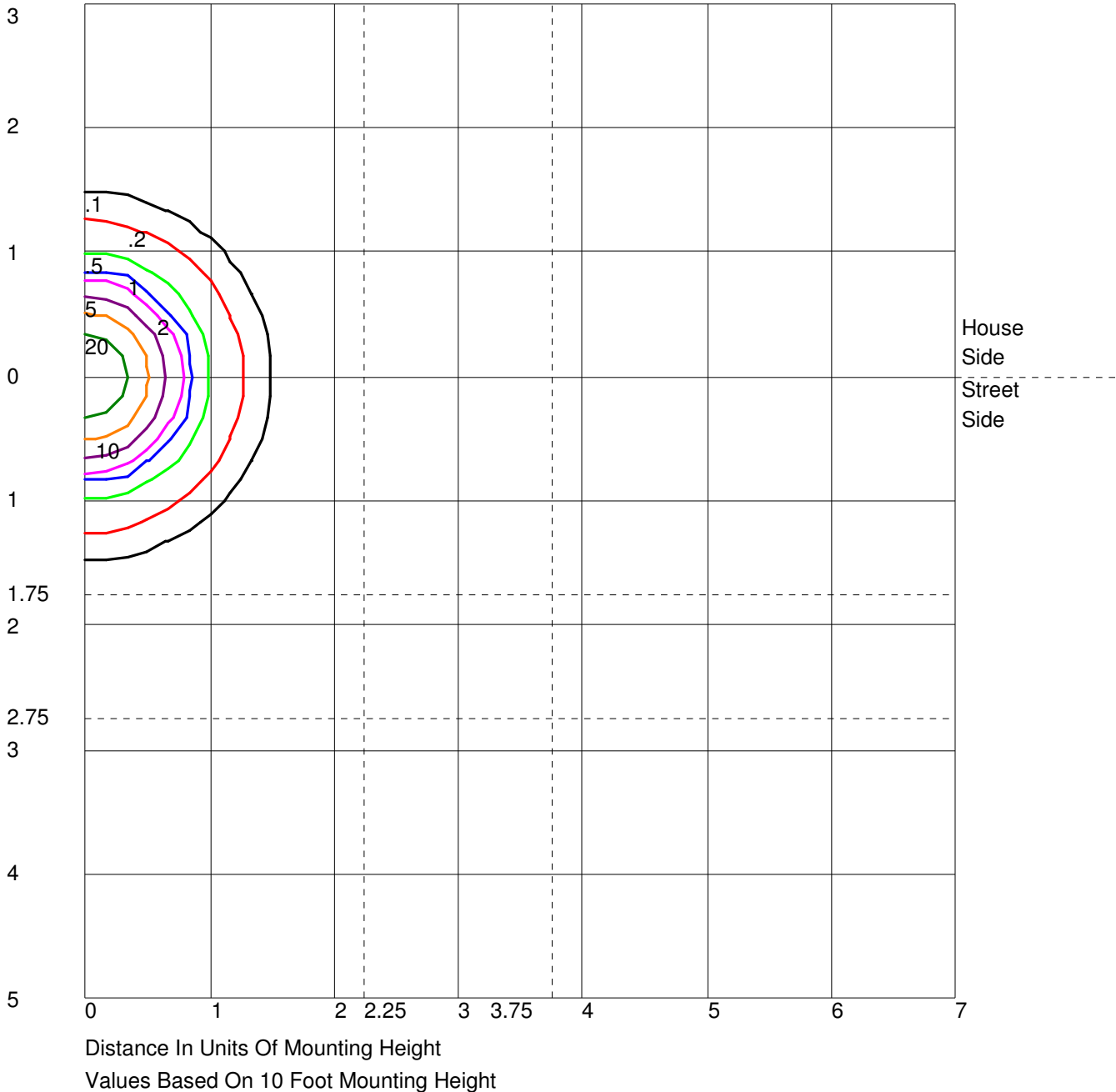


Maximum Candela = 7941.984 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

