

## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-840U-L30-840D-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-L30-840U-L30-840D-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	5561
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	54
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	8021.405
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	8021.405
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.491 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	5.654 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

**IES ROAD REPORT****PHOTOMETRIC FILENAME : W6CRDI-XX-L30-840U-L30-840D-XXX-DIM-UNV-N-XX\_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1086.7	N.A.	19.5
FM - Front-Medium (30-60)	281.9	N.A.	5.1
FH - Front-High (60-80)	20.4	N.A.	0.4
FVH - Front-Very High (80-90)	1.2	N.A.	0.0
BL - Back-Low (0-30)	1086.7	N.A.	19.5
BM - Back-Medium (30-60)	281.9	N.A.	5.1
BH - Back-High (60-80)	20.4	N.A.	0.4
BVH - Back-Very High (80-90)	1.2	N.A.	0.0
UL - Uplight-Low (90-100)	2.3	N.A.	0.0
UH - Uplight-High (100-180)	2778.1	N.A.	50.0
Total	5560.8	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	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405
5	6907.024	6906.690	6906.356	6906.012	6905.679	6906.081	6907.220	6908.349	6909.487	6910.626
10	4575.845	4577.190	4578.544	4579.889	4581.234	4584.817	4590.628	4596.440	4602.251	4608.063
15	2862.027	2862.302	2862.567	2862.842	2863.107	2865.168	2869.016	2872.864	2876.712	2880.561
20	2006.939	2007.234	2007.528	2007.813	2008.107	2009.167	2010.983	2012.809	2014.625	2016.451
25	1603.804	1602.606	1601.399	1600.201	1598.994	1598.238	1597.934	1597.620	1597.315	1597.001
30	1217.926	1216.552	1215.187	1213.813	1212.449	1209.808	1205.891	1201.974	1198.067	1194.151
35	573.972	574.257	574.551	574.836	575.121	575.543	576.092	576.642	577.192	577.742
40	206.255	207.001	207.747	208.503	209.249	210.564	212.449	214.324	216.209	218.094
45	130.697	130.864	131.031	131.198	131.365	131.640	132.022	132.405	132.788	133.171
50	90.528	90.646	90.764	90.891	91.009	91.205	91.480	91.765	92.040	92.315
55	61.775	61.844	61.913	61.982	62.050	62.188	62.374	62.571	62.757	62.953
60	40.778	40.827	40.876	40.925	40.974	41.053	41.180	41.308	41.436	41.563
65	27.329	27.339	27.359	27.368	27.378	27.427	27.506	27.584	27.663	27.741
70	18.278	18.278	18.288	18.288	18.298	18.318	18.347	18.386	18.416	18.455
75	11.446	11.436	11.436	11.426	11.417	11.417	11.426	11.436	11.446	11.456
80	5.556	5.556	5.556	5.566	5.566	5.576	5.586	5.595	5.615	5.625
85	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198
90	0.432	0.432	0.432	0.452	0.452	0.452	0.452	0.471	0.471	0.471
95	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198
100	5.556	5.556	5.556	5.566	5.566	5.576	5.586	5.595	5.615	5.625
105	11.446	11.436	11.436	11.426	11.417	11.417	11.426	11.436	11.446	11.456
110	18.278	18.278	18.288	18.288	18.298	18.318	18.347	18.386	18.416	18.455
115	27.329	27.339	27.359	27.368	27.378	27.427	27.506	27.584	27.663	27.741
120	40.778	40.827	40.876	40.925	40.974	41.053	41.180	41.308	41.436	41.563
125	61.775	61.844	61.913	61.982	62.050	62.188	62.374	62.571	62.757	62.953
130	90.528	90.646	90.764	90.891	91.009	91.205	91.480	91.765	92.040	92.315
135	130.697	130.864	131.031	131.198	131.365	131.640	132.022	132.405	132.788	133.171
140	206.255	207.001	207.747	208.503	209.249	210.564	212.449	214.324	216.209	218.094
145	573.972	574.257	574.551	574.836	575.121	575.543	576.092	576.642	577.192	577.742
150	1217.926	1216.552	1215.187	1213.813	1212.449	1209.808	1205.891	1201.974	1198.067	1194.151
155	1603.804	1602.606	1601.399	1600.201	1598.994	1598.238	1597.934	1597.620	1597.315	1597.001
160	2006.939	2007.234	2007.528	2007.813	2008.107	2009.167	2010.983	2012.809	2014.625	2016.451
165	2862.027	2862.302	2862.567	2862.842	2863.107	2865.168	2869.016	2872.864	2876.712	2880.561
170	4575.845	4577.190	4578.544	4579.889	4581.234	4584.817	4590.628	4596.440	4602.251	4608.063
175	6907.024	6906.690	6906.356	6906.022	6905.679	6906.081	6907.220	6908.359	6909.487	6910.626
180	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081

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	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405
5	6910.734	6910.842	6910.950	6911.058	6911.353	6911.824	6912.305	6912.776	6913.247	6912.776
10	4614.816	4621.580	4628.334	4635.097	4640.378	4644.177	4647.986	4651.785	4655.594	4651.785
15	2885.626	2890.691	2895.747	2900.812	2904.739	2907.517	2910.295	2913.083	2915.861	2913.083
20	2018.768	2021.075	2023.392	2025.698	2027.652	2029.242	2030.823	2032.413	2034.003	2032.413
25	1597.492	1597.973	1598.464	1598.945	1599.818	1601.075	1602.331	1603.588	1604.844	1603.588
30	1194.906	1195.653	1196.408	1197.164	1198.274	1199.736	1201.199	1202.662	1204.124	1202.662
35	580.127	582.503	584.888	587.274	588.736	589.296	589.855	590.415	590.974	590.415
40	219.075	220.067	221.048	222.040	222.982	223.885	224.789	225.692	226.595	225.692
45	133.269	133.377	133.475	133.583	133.681	133.780	133.868	133.966	134.064	133.966
50	92.481	92.648	92.815	92.982	93.100	93.169	93.247	93.316	93.394	93.316
55	63.091	63.238	63.375	63.523	63.621	63.690	63.758	63.817	63.886	63.817

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## CANDELA TABULATION - (Cont.)

60	41.652	41.730	41.818	41.907	41.975	42.025	42.083	42.133	42.191	42.133
65	27.781	27.820	27.849	27.889	27.918	27.928	27.948	27.957	27.977	27.957
70	18.465	18.485	18.494	18.504	18.514	18.504	18.504	18.494	18.494	18.494
75	11.466	11.466	11.476	11.485	11.485	11.476	11.466	11.456	11.446	11.456
80	5.635	5.645	5.645	5.654	5.654	5.654	5.645	5.645	5.645	5.645
85	1.198	1.198	1.188	1.188	1.188	1.188	1.188	1.188	1.188	1.188
90	0.471	0.471	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491
95	1.198	1.198	1.188	1.188	1.188	1.188	1.188	1.188	1.188	1.188
100	5.635	5.645	5.645	5.654	5.654	5.654	5.645	5.645	5.645	5.645
105	11.466	11.466	11.476	11.485	11.485	11.476	11.466	11.456	11.446	11.456
110	18.465	18.485	18.494	18.504	18.514	18.504	18.504	18.494	18.494	18.494
115	27.781	27.820	27.849	27.889	27.918	27.928	27.948	27.957	27.977	27.957
120	41.652	41.730	41.818	41.907	41.975	42.025	42.083	42.133	42.191	42.133
125	63.091	63.238	63.375	63.523	63.621	63.690	63.758	63.817	63.886	63.817
130	92.481	92.648	92.815	92.982	93.100	93.169	93.247	93.316	93.394	93.316
135	133.269	133.377	133.475	133.583	133.681	133.780	133.868	133.966	134.064	133.966
140	219.075	220.067	221.048	222.040	222.982	223.885	224.789	225.692	226.595	225.692
145	580.127	582.503	584.888	587.274	588.736	589.296	589.855	590.415	590.974	590.415
150	1194.906	1195.653	1196.408	1197.164	1198.274	1199.736	1201.199	1202.662	1204.124	1202.662
155	1597.492	1597.973	1598.464	1598.945	1599.818	1601.075	1602.331	1603.588	1604.844	1603.588
160	2018.768	2021.075	2023.392	2025.698	2027.652	2029.242	2030.823	2032.413	2034.003	2032.413
165	2885.626	2890.691	2895.747	2900.812	2904.739	2907.517	2910.295	2913.083	2915.861	2913.083
170	4614.816	4621.580	4628.334	4635.097	4640.378	4644.177	4647.986	4651.785	4655.594	4651.785
175	6910.734	6910.842	6910.960	6911.068	6911.353	6911.834	6912.305	6912.776	6913.247	6912.776
180	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081

## 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	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405
5	6912.305	6911.824	6911.353	6911.058	6910.950	6910.842	6910.734	6910.626	6909.487	6908.349
10	4647.986	4644.177	4640.378	4635.097	4628.334	4621.580	4614.816	4608.063	4602.251	4596.440
15	2910.295	2907.517	2904.739	2900.812	2895.747	2890.691	2885.626	2880.561	2876.712	2872.864
20	2030.823	2029.242	2027.652	2025.698	2023.392	2021.075	2018.768	2016.451	2014.625	2012.809
25	1602.331	1601.075	1599.818	1598.945	1598.464	1597.973	1597.492	1597.001	1597.315	1597.620
30	1201.199	1199.736	1198.274	1197.164	1196.408	1195.653	1194.906	1194.151	1198.067	1201.974
35	589.855	589.296	588.736	587.274	584.888	582.503	580.127	577.742	577.192	576.642
40	224.789	223.885	222.982	222.040	221.048	220.067	219.075	218.094	216.209	214.324
45	133.868	133.780	133.681	133.583	133.475	133.377	133.269	133.171	132.788	132.405
50	93.247	93.169	93.100	92.982	92.815	92.648	92.481	92.315	92.040	91.765
55	63.758	63.690	63.621	63.523	63.375	63.238	63.091	62.953	62.757	62.571
60	42.083	42.025	41.975	41.907	41.818	41.730	41.652	41.563	41.436	41.308
65	27.948	27.928	27.918	27.889	27.849	27.820	27.781	27.741	27.663	27.584
70	18.504	18.504	18.514	18.504	18.494	18.485	18.465	18.455	18.416	18.386
75	11.466	11.476	11.485	11.485	11.476	11.466	11.466	11.456	11.446	11.436
80	5.645	5.654	5.654	5.654	5.645	5.645	5.635	5.625	5.615	5.595
85	1.188	1.188	1.188	1.188	1.188	1.198	1.198	1.198	1.198	1.198
90	0.491	0.491	0.491	0.491	0.491	0.471	0.471	0.471	0.471	0.471
95	1.188	1.188	1.188	1.188	1.188	1.198	1.198	1.198	1.198	1.198
100	5.645	5.654	5.654	5.654	5.645	5.645	5.635	5.625	5.615	5.595
105	11.466	11.476	11.485	11.485	11.476	11.466	11.466	11.456	11.446	11.436
110	18.504	18.504	18.514	18.504	18.494	18.485	18.465	18.455	18.416	18.386
115	27.948	27.928	27.918	27.889	27.849	27.820	27.781	27.741	27.663	27.584
120	42.083	42.025	41.975	41.907	41.818	41.730	41.652	41.563	41.436	41.308
125	63.758	63.690	63.621	63.523	63.375	63.238	63.091	62.953	62.757	62.571
130	93.247	93.169	93.100	92.982	92.815	92.648	92.481	92.315	92.040	91.765

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## CANDELA TABULATION - (Cont.)

135	133.868	133.780	133.681	133.583	133.475	133.377	133.269	133.171	132.788	132.405
140	224.789	223.885	222.982	222.040	221.048	220.067	219.075	218.094	216.209	214.324
145	589.855	589.296	588.736	587.274	584.888	582.503	580.127	577.742	577.192	576.642
150	1201.199	1199.736	1198.274	1197.164	1196.408	1195.653	1194.906	1194.151	1198.067	1201.974
155	1602.331	1601.075	1599.818	1598.945	1598.464	1597.973	1597.492	1597.001	1597.315	1597.620
160	2030.823	2029.242	2027.652	2025.698	2023.392	2021.075	2018.768	2016.451	2014.625	2012.809
165	2910.295	2907.517	2904.739	2900.812	2895.747	2890.691	2885.626	2880.561	2876.712	2872.864
170	4647.986	4644.177	4640.378	4635.097	4628.334	4621.580	4614.816	4608.063	4602.251	4596.440
175	6912.305	6911.834	6911.353	6911.068	6910.960	6910.842	6910.734	6910.626	6909.487	6908.359
180	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081

## 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	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405
5	6907.220	6906.081	6905.679	6906.012	6906.356	6906.690	6907.024	6906.690	6906.356	6906.012
10	4590.628	4584.817	4581.234	4579.889	4578.544	4577.190	4575.845	4577.190	4578.544	4579.889
15	2869.016	2865.168	2863.107	2862.842	2862.567	2862.302	2862.027	2862.302	2862.567	2862.842
20	2010.983	2009.167	2008.107	2007.813	2007.528	2007.234	2006.939	2007.234	2007.528	2007.813
25	1597.934	1598.238	1598.994	1600.201	1601.399	1602.606	1603.804	1602.606	1601.399	1600.201
30	1205.891	1209.808	1212.449	1213.813	1215.187	1216.552	1217.926	1216.552	1215.187	1213.813
35	576.092	575.543	575.121	574.836	574.551	574.257	573.972	574.257	574.551	574.836
40	212.449	210.564	209.249	208.503	207.747	207.001	206.255	207.001	207.747	208.503
45	132.022	131.640	131.365	131.198	131.031	130.864	130.697	130.864	131.031	131.198
50	91.480	91.205	91.009	90.891	90.764	90.646	90.528	90.646	90.764	90.891
55	62.374	62.188	62.050	61.982	61.913	61.844	61.775	61.844	61.913	61.982
60	41.180	41.053	40.974	40.925	40.876	40.827	40.778	40.827	40.876	40.925
65	27.506	27.427	27.378	27.368	27.359	27.339	27.329	27.339	27.359	27.368
70	18.347	18.318	18.298	18.288	18.288	18.278	18.278	18.278	18.288	18.288
75	11.426	11.417	11.417	11.426	11.436	11.436	11.446	11.436	11.436	11.426
80	5.586	5.576	5.566	5.566	5.556	5.556	5.556	5.556	5.556	5.566
85	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198
90	0.452	0.452	0.452	0.452	0.432	0.432	0.432	0.432	0.432	0.452
95	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198
100	5.586	5.576	5.566	5.566	5.556	5.556	5.556	5.556	5.556	5.566
105	11.426	11.417	11.417	11.426	11.436	11.436	11.446	11.436	11.436	11.426
110	18.347	18.318	18.298	18.288	18.288	18.278	18.278	18.278	18.288	18.288
115	27.506	27.427	27.378	27.368	27.359	27.339	27.329	27.339	27.359	27.368
120	41.180	41.053	40.974	40.925	40.876	40.827	40.778	40.827	40.876	40.925
125	62.374	62.188	62.050	61.982	61.913	61.844	61.775	61.844	61.913	61.982
130	91.480	91.205	91.009	90.891	90.764	90.646	90.528	90.646	90.764	90.891
135	132.022	131.640	131.365	131.198	131.031	130.864	130.697	130.864	131.031	131.198
140	212.449	210.564	209.249	208.503	207.747	207.001	206.255	207.001	207.747	208.503
145	576.092	575.543	575.121	574.836	574.551	574.257	573.972	574.257	574.551	574.836
150	1205.891	1209.808	1212.449	1213.813	1215.187	1216.552	1217.926	1216.552	1215.187	1213.813
155	1597.934	1598.238	1598.994	1600.201	1601.399	1602.606	1603.804	1602.606	1601.399	1600.201
160	2010.983	2009.167	2008.107	2007.813	2007.528	2007.234	2006.939	2007.234	2007.528	2007.813
165	2869.016	2865.168	2863.107	2862.842	2862.567	2862.302	2862.027	2862.302	2862.567	2862.842
170	4590.628	4584.817	4581.234	4579.889	4578.544	4577.190	4575.845	4577.190	4578.544	4579.889
175	6907.220	6906.081	6905.679	6906.022	6906.356	6906.690	6907.024	6906.690	6906.356	6906.022
180	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081

## 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	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-840U-L30-840D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

5	6905.679	6906.081	6907.220	6908.349	6909.487	6910.626	6910.734	6910.842	6910.950	6911.058
10	4581.234	4584.817	4590.628	4596.440	4602.251	4608.063	4614.816	4621.580	4628.334	4635.097
15	2863.107	2865.168	2869.016	2872.864	2876.712	2880.561	2885.626	2890.691	2895.747	2900.812
20	2008.107	2009.167	2010.983	2012.809	2014.625	2016.451	2018.768	2021.075	2023.392	2025.698
25	1598.994	1598.238	1597.934	1597.620	1597.315	1597.001	1597.492	1597.973	1598.464	1598.945
30	1212.449	1209.808	1205.891	1201.974	1198.067	1194.151	1194.906	1195.653	1196.408	1197.164
35	575.121	575.543	576.092	576.642	577.192	577.742	580.127	582.503	584.888	587.274
40	209.249	210.564	212.449	214.324	216.209	218.094	219.075	220.067	221.048	222.040
45	131.365	131.640	132.022	132.405	132.788	133.171	133.269	133.377	133.475	133.583
50	91.009	91.205	91.480	91.765	92.040	92.315	92.481	92.648	92.815	92.982
55	62.050	62.188	62.374	62.571	62.757	62.953	63.091	63.238	63.375	63.523
60	40.974	41.053	41.180	41.308	41.436	41.563	41.652	41.730	41.818	41.907
65	27.378	27.427	27.506	27.584	27.663	27.741	27.781	27.820	27.849	27.889
70	18.298	18.318	18.347	18.386	18.416	18.455	18.465	18.485	18.494	18.504
75	11.417	11.417	11.426	11.436	11.446	11.456	11.466	11.466	11.476	11.485
80	5.566	5.576	5.586	5.595	5.615	5.625	5.635	5.645	5.645	5.654
85	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.188	1.188
90	0.452	0.452	0.452	0.471	0.471	0.471	0.471	0.471	0.491	0.491
95	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.188	1.188
100	5.566	5.576	5.586	5.595	5.615	5.625	5.635	5.645	5.645	5.654
105	11.417	11.417	11.426	11.436	11.446	11.456	11.466	11.466	11.476	11.485
110	18.298	18.318	18.347	18.386	18.416	18.455	18.465	18.485	18.494	18.504
115	27.378	27.427	27.506	27.584	27.663	27.741	27.781	27.820	27.849	27.889
120	40.974	41.053	41.180	41.308	41.436	41.563	41.652	41.730	41.818	41.907
125	62.050	62.188	62.374	62.571	62.757	62.953	63.091	63.238	63.375	63.523
130	91.009	91.205	91.480	91.765	92.040	92.315	92.481	92.648	92.815	92.982
135	131.365	131.640	132.022	132.405	132.788	133.171	133.269	133.377	133.475	133.583
140	209.249	210.564	212.449	214.324	216.209	218.094	219.075	220.067	221.048	222.040
145	575.121	575.543	576.092	576.642	577.192	577.742	580.127	582.503	584.888	587.274
150	1212.449	1209.808	1205.891	1201.974	1198.067	1194.151	1194.906	1195.653	1196.408	1197.164
155	1598.994	1598.238	1597.934	1597.620	1597.315	1597.001	1597.492	1597.973	1598.464	1598.945
160	2008.107	2009.167	2010.983	2012.809	2014.625	2016.451	2018.768	2021.075	2023.392	2025.698
165	2863.107	2865.168	2869.016	2872.864	2876.712	2880.561	2885.626	2890.691	2895.747	2900.812
170	4581.234	4584.817	4590.628	4596.440	4602.251	4608.063	4614.816	4621.580	4628.334	4635.097
175	6905.679	6906.081	6907.220	6908.359	6909.487	6910.626	6910.734	6910.842	6910.960	6911.068
180	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081

## 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	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405
5	6911.353	6911.824	6912.305	6912.776	6913.247	6912.776	6912.305	6911.824	6911.353	6911.058
10	4640.378	4644.177	4647.986	4651.785	4655.594	4651.785	4647.986	4644.177	4640.378	4635.097
15	2904.739	2907.517	2910.295	2913.083	2915.861	2913.083	2910.295	2907.517	2904.739	2900.812
20	2027.652	2029.242	2030.823	2032.413	2034.003	2032.413	2030.823	2029.242	2027.652	2025.698
25	1599.818	1601.075	1602.331	1603.588	1604.844	1603.588	1602.331	1601.075	1599.818	1598.945
30	1198.274	1199.736	1201.199	1202.662	1204.124	1202.662	1201.199	1199.736	1198.274	1197.164
35	588.736	589.296	589.855	590.415	590.974	590.415	589.855	589.296	588.736	587.274
40	222.982	223.885	224.789	225.692	226.595	225.692	224.789	223.885	222.982	222.040
45	133.681	133.780	133.868	133.966	134.064	133.966	133.868	133.780	133.681	133.583
50	93.100	93.169	93.247	93.316	93.394	93.316	93.247	93.169	93.100	92.982
55	63.621	63.690	63.758	63.817	63.886	63.817	63.758	63.690	63.621	63.523
60	41.975	42.025	42.083	42.133	42.191	42.133	42.083	42.025	41.975	41.907
65	27.918	27.928	27.948	27.957	27.977	27.957	27.948	27.928	27.918	27.889
70	18.514	18.504	18.504	18.494	18.494	18.494	18.504	18.504	18.514	18.504
75	11.485	11.476	11.466	11.456	11.446	11.456	11.466	11.476	11.485	11.485

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-840U-L30-840D-XXX-DIM-UNV-N-XX\_IES

## CANDELA TABULATION - (Cont.)

80	5.654	5.654	5.645	5.645	5.645	5.645	5.645	5.654	5.654	5.654
85	1.188	1.188	1.188	1.188	1.188	1.188	1.188	1.188	1.188	1.188
90	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491	0.491
95	1.188	1.188	1.188	1.188	1.188	1.188	1.188	1.188	1.188	1.188
100	5.654	5.654	5.645	5.645	5.645	5.645	5.645	5.654	5.654	5.654
105	11.485	11.476	11.466	11.456	11.446	11.456	11.466	11.476	11.485	11.485
110	18.514	18.504	18.504	18.494	18.494	18.494	18.504	18.504	18.514	18.504
115	27.918	27.928	27.948	27.957	27.977	27.957	27.948	27.928	27.918	27.889
120	41.975	42.025	42.083	42.133	42.191	42.133	42.083	42.025	41.975	41.907
125	63.621	63.690	63.758	63.817	63.886	63.817	63.758	63.690	63.621	63.523
130	93.100	93.169	93.247	93.316	93.394	93.316	93.247	93.169	93.100	92.982
135	133.681	133.780	133.868	133.966	134.064	133.966	133.868	133.780	133.681	133.583
140	222.982	223.885	224.789	225.692	226.595	225.692	224.789	223.885	222.982	222.040
145	588.736	589.296	589.855	590.415	590.974	590.415	589.855	589.296	588.736	587.274
150	1198.274	1199.736	1201.199	1202.662	1204.124	1202.662	1201.199	1199.736	1198.274	1197.164
155	1599.818	1601.075	1602.331	1603.588	1604.844	1603.588	1602.331	1601.075	1599.818	1598.945
160	2027.652	2029.242	2030.823	2032.413	2034.003	2032.413	2030.823	2029.242	2027.652	2025.698
165	2904.739	2907.517	2910.295	2913.083	2915.861	2913.083	2910.295	2907.517	2904.739	2900.812
170	4640.378	4644.177	4647.986	4651.785	4655.594	4651.785	4647.986	4644.177	4640.378	4635.097
175	6911.353	6911.834	6912.305	6912.776	6913.247	6912.776	6912.305	6911.834	6911.353	6911.068
180	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081

## 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	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405	8021.405
5	6910.950	6910.842	6910.734	6910.626	6909.487	6908.349	6907.220	6906.081	6905.679	6906.012
10	4628.334	4621.580	4614.816	4608.063	4602.251	4596.440	4590.628	4584.817	4581.234	4579.889
15	2895.747	2890.691	2885.626	2880.561	2876.712	2872.864	2869.016	2865.168	2863.107	2862.842
20	2023.392	2021.075	2018.768	2016.451	2014.625	2012.809	2010.983	2009.167	2008.107	2007.813
25	1598.464	1597.973	1597.492	1597.001	1597.315	1597.620	1597.934	1598.238	1598.994	1600.201
30	1196.408	1195.653	1194.906	1194.151	1198.067	1201.974	1205.891	1209.808	1212.449	1213.813
35	584.888	582.503	580.127	577.742	577.192	576.642	576.092	575.543	575.121	574.836
40	221.048	220.067	219.075	218.094	216.209	214.324	212.449	210.564	209.249	208.503
45	133.475	133.377	133.269	133.171	132.788	132.405	132.022	131.640	131.365	131.198
50	92.815	92.648	92.481	92.315	92.040	91.765	91.480	91.205	91.009	90.891
55	63.375	63.238	63.091	62.953	62.757	62.571	62.374	62.188	62.050	61.982
60	41.818	41.730	41.652	41.563	41.436	41.308	41.180	41.053	40.974	40.925
65	27.849	27.820	27.781	27.741	27.663	27.584	27.506	27.427	27.378	27.368
70	18.494	18.485	18.465	18.455	18.416	18.386	18.347	18.318	18.298	18.288
75	11.476	11.466	11.466	11.456	11.446	11.436	11.426	11.417	11.417	11.426
80	5.645	5.645	5.635	5.625	5.615	5.595	5.586	5.576	5.566	5.566
85	1.188	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198
90	0.491	0.471	0.471	0.471	0.471	0.471	0.452	0.452	0.452	0.452
95	1.188	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198	1.198
100	5.645	5.645	5.635	5.625	5.615	5.595	5.586	5.576	5.566	5.566
105	11.476	11.466	11.466	11.456	11.446	11.436	11.426	11.417	11.417	11.426
110	18.494	18.485	18.465	18.455	18.416	18.386	18.347	18.318	18.298	18.288
115	27.849	27.820	27.781	27.741	27.663	27.584	27.506	27.427	27.378	27.368
120	41.818	41.730	41.652	41.563	41.436	41.308	41.180	41.053	40.974	40.925
125	63.375	63.238	63.091	62.953	62.757	62.571	62.374	62.188	62.050	61.982
130	92.815	92.648	92.481	92.315	92.040	91.765	91.480	91.205	91.009	90.891
135	133.475	133.377	133.269	133.171	132.788	132.405	132.022	131.640	131.365	131.198
140	221.048	220.067	219.075	218.094	216.209	214.324	212.449	210.564	209.249	208.503
145	584.888	582.503	580.127	577.742	577.192	576.642	576.092	575.543	575.121	574.836
150	1196.408	1195.653	1194.906	1194.151	1198.067	1201.974	1205.891	1209.808	1212.449	1213.813

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-840U-L30-840D-XXX-DIM-UNV-N-XX\_.IES

## CANDELA TABULATION - (Cont.)

155	1598.464	1597.973	1597.492	1597.001	1597.315	1597.620	1597.934	1598.238	1598.994	1600.201
160	2023.392	2021.075	2018.768	2016.451	2014.625	2012.809	2010.983	2009.167	2008.107	2007.813
165	2895.747	2890.691	2885.626	2880.561	2876.712	2872.864	2869.016	2865.168	2863.107	2862.842
170	4628.334	4621.580	4614.816	4608.063	4602.251	4596.440	4590.628	4584.817	4581.234	4579.889
175	6910.960	6910.842	6910.734	6910.626	6909.487	6908.359	6907.220	6906.081	6905.679	6906.022
180	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081	8021.081

## Vert. Horizontal Angles

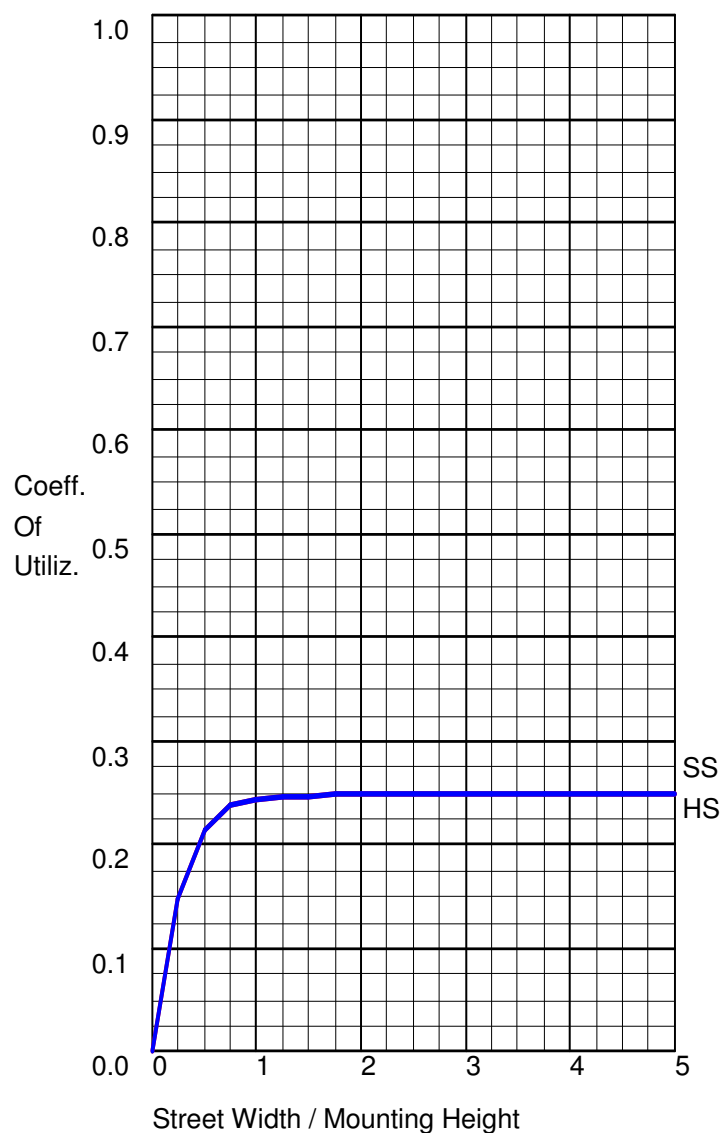
	<u>350</u>	<u>355</u>	<u>360</u>
0	8021.405	8021.405	8021.405
5	6906.356	6906.690	6907.024
10	4578.544	4577.190	4575.845
15	2862.567	2862.302	2862.027
20	2007.528	2007.234	2006.939
25	1601.399	1602.606	1603.804
30	1215.187	1216.552	1217.926
35	574.551	574.257	573.972
40	207.747	207.001	206.255
45	131.031	130.864	130.697
50	90.764	90.646	90.528
55	61.913	61.844	61.775
60	40.876	40.827	40.778
65	27.359	27.339	27.329
70	18.288	18.278	18.278
75	11.436	11.436	11.446
80	5.556	5.556	5.556
85	1.198	1.198	1.198
90	0.432	0.432	0.432
95	1.198	1.198	1.198
100	5.556	5.556	5.556
105	11.436	11.436	11.446
110	18.288	18.278	18.278
115	27.359	27.339	27.329
120	40.876	40.827	40.778
125	61.913	61.844	61.775
130	90.764	90.646	90.528
135	131.031	130.864	130.697
140	207.747	207.001	206.255
145	574.551	574.257	573.972
150	1215.187	1216.552	1217.926
155	1601.399	1602.606	1603.804
160	2007.528	2007.234	2006.939
165	2862.567	2862.302	2862.027
170	4578.544	4577.190	4575.845
175	6906.356	6906.690	6907.024
180	8021.081	8021.081	8021.081



## IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-840U-L30-840D-XXX-DIM-UNV-N-XX\_.IES

### COEFFICIENTS OF UTILIZATION



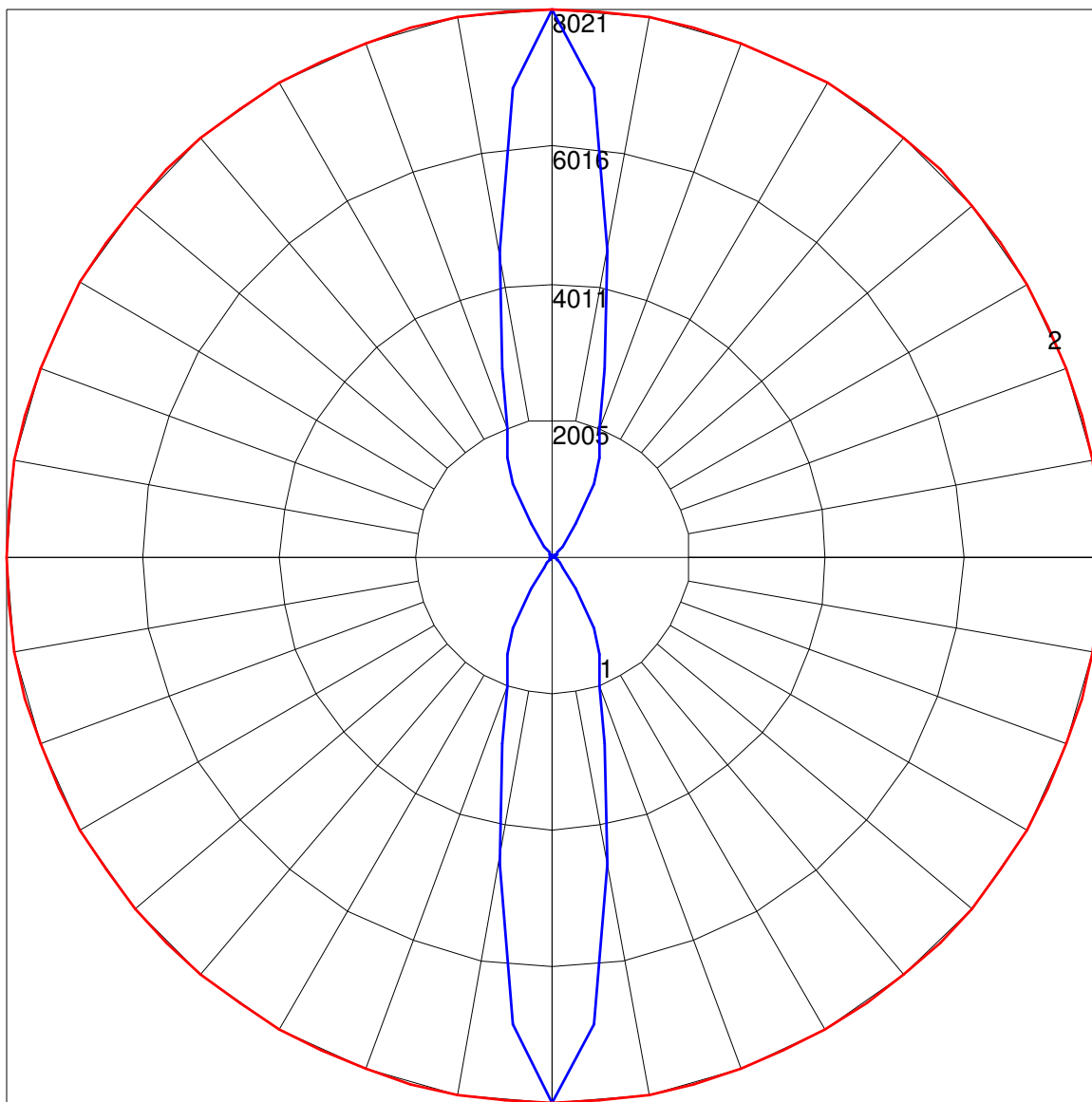
### FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1390.2	25.0
Downward House Side	1390.2	25.0
Downward Total	2780.4	50.0
Upward Street Side	1390.2	25.0
Upward House Side	1390.2	25.0
Upward Total	2780.4	50.0
Total Flux	5560.8	100.0

# IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L30-840U-L30-840D-XXX-DIM-UNV-N-XX\_.IES

## POLAR GRAPH

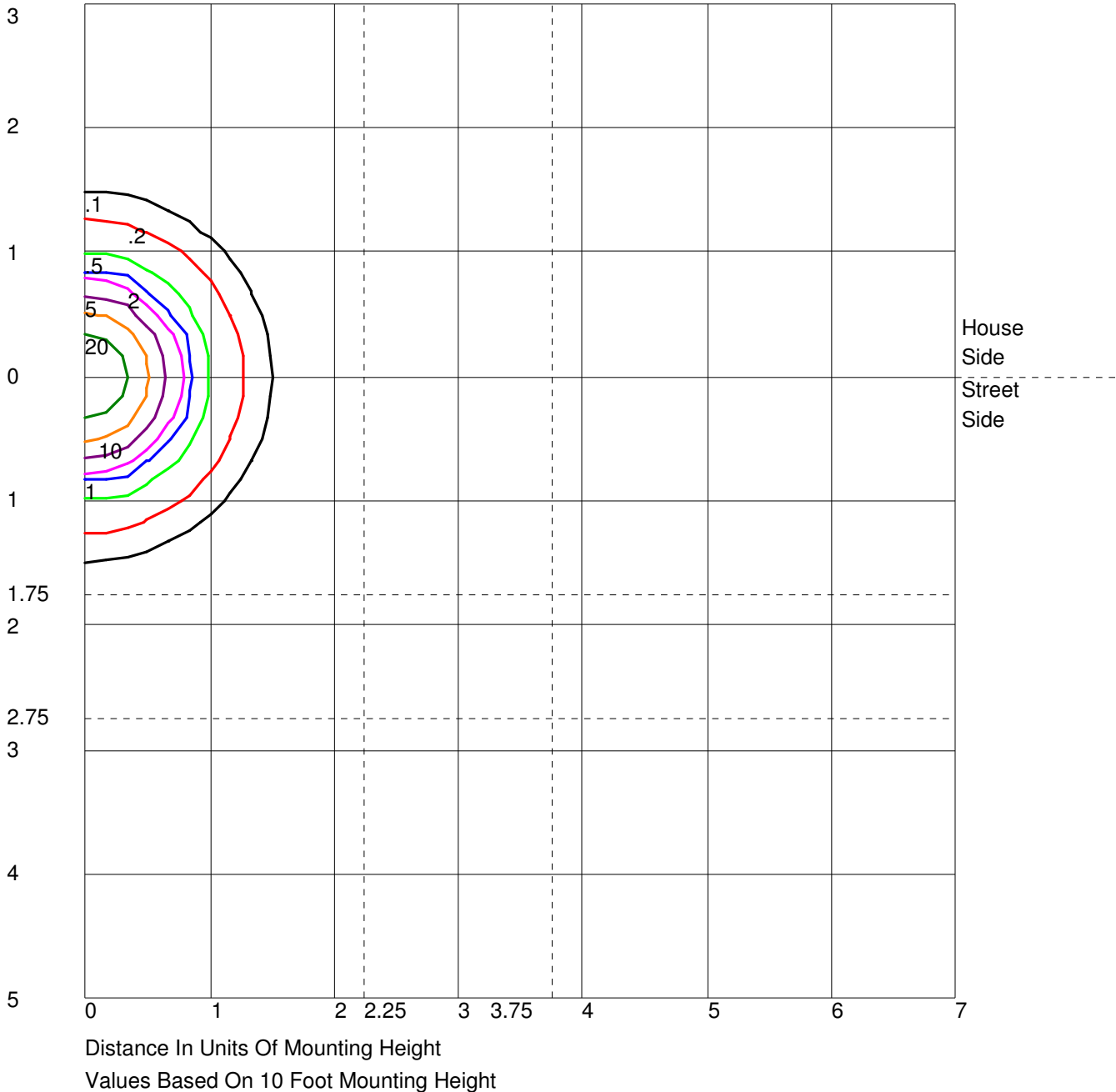


Maximum Candela = 8021.405 Located At Horizontal Angle = 360, Vertical Angle = 0

# 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

