

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-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-L40-840U-L40-840D-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	7312
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	73.4
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	10547.577
Maximum Candela Angle	360H 0V
Maximum Candela (<90 Degrees Vertical)	10547.577
Maximum Candela Angle (<90 Degrees Vertical)	360H 0V
Maximum Candela At 90 Degrees Vertical	.645 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7.435 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1428.9	N.A.	19.5
FM - Front-Medium (30-60)	370.7	N.A.	5.1
FH - Front-High (60-80)	26.9	N.A.	0.4
FVH - Front-Very High (80-90)	1.5	N.A.	0.0
BL - Back-Low (0-30)	1428.9	N.A.	19.5
BM - Back-Medium (30-60)	370.7	N.A.	5.1
BH - Back-High (60-80)	26.9	N.A.	0.4
BVH - Back-Very High (80-90)	1.5	N.A.	0.0
UL - Uplight-Low (90-100)	3.0	N.A.	0.0
UH - Uplight-High (100-180)	3653.0	N.A.	50.0
Total	7311.9	N.A.	100.0
BUG Rating	B3-U5-G0		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577
5	9082.244	9081.806	9081.367	9080.915	9080.476	9081.005	9082.503	9083.987	9085.484	9086.982
10	6016.910	6018.679	6020.460	6022.228	6023.997	6028.708	6036.350	6043.991	6051.633	6059.274
15	3763.362	3763.723	3764.072	3764.433	3764.782	3767.492	3772.552	3777.612	3782.672	3787.732
20	2638.982	2639.369	2639.757	2640.131	2640.518	2641.912	2644.300	2646.701	2649.089	2651.490
25	2108.888	2107.313	2105.726	2104.151	2102.563	2101.569	2101.169	2100.756	2100.356	2099.943
30	1601.486	1599.679	1597.885	1596.078	1594.284	1590.811	1585.661	1580.511	1575.373	1570.223
35	754.732	755.107	755.494	755.868	756.243	756.798	757.521	758.243	758.966	759.689
40	271.211	272.192	273.173	274.167	275.148	276.877	279.356	281.821	284.299	286.778
45	171.858	172.077	172.296	172.516	172.735	173.097	173.600	174.104	174.607	175.110
50	119.038	119.193	119.348	119.515	119.670	119.929	120.290	120.664	121.026	121.387
55	81.230	81.321	81.411	81.501	81.592	81.772	82.018	82.276	82.521	82.779
60	53.620	53.684	53.749	53.814	53.878	53.981	54.149	54.317	54.485	54.653
65	35.936	35.949	35.975	35.988	36.000	36.065	36.168	36.272	36.375	36.478
70	24.035	24.035	24.048	24.048	24.061	24.086	24.125	24.177	24.215	24.267
75	15.051	15.038	15.038	15.025	15.012	15.012	15.025	15.038	15.051	15.064
80	7.306	7.306	7.306	7.319	7.319	7.332	7.345	7.358	7.383	7.396
85	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575
90	0.568	0.568	0.568	0.594	0.594	0.594	0.594	0.620	0.620	0.620
95	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575
100	7.306	7.306	7.306	7.319	7.319	7.332	7.345	7.358	7.383	7.396
105	15.051	15.038	15.038	15.025	15.012	15.012	15.025	15.038	15.051	15.064
110	24.035	24.035	24.048	24.048	24.061	24.086	24.125	24.177	24.215	24.267
115	35.936	35.949	35.975	35.988	36.000	36.065	36.168	36.272	36.375	36.478
120	53.620	53.684	53.749	53.814	53.878	53.981	54.149	54.317	54.485	54.653
125	81.230	81.321	81.411	81.501	81.592	81.772	82.018	82.276	82.521	82.779
130	119.038	119.193	119.348	119.515	119.670	119.929	120.290	120.664	121.026	121.387
135	171.858	172.077	172.296	172.516	172.735	173.097	173.600	174.104	174.607	175.110
140	271.211	272.192	273.173	274.167	275.148	276.877	279.356	281.821	284.299	286.778
145	754.732	755.107	755.494	755.868	756.243	756.798	757.521	758.243	758.966	759.689
150	1601.486	1599.679	1597.885	1596.078	1594.284	1590.811	1585.661	1580.511	1575.373	1570.223
155	2108.888	2107.313	2105.726	2104.151	2102.563	2101.569	2101.169	2100.756	2100.356	2099.943
160	2638.982	2639.369	2639.757	2640.131	2640.518	2641.912	2644.300	2646.701	2649.089	2651.490
165	3763.362	3763.723	3764.072	3764.433	3764.782	3767.492	3772.552	3777.612	3782.672	3787.732
170	6016.910	6018.679	6020.460	6022.228	6023.997	6028.708	6036.350	6043.991	6051.633	6059.274
175	9082.244	9081.806	9081.367	9080.928	9080.476	9081.005	9082.503	9084.000	9085.484	9086.982
180	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577
5	9087.124	9087.266	9087.408	9087.550	9087.937	9088.557	9089.189	9089.809	9090.428	9089.809
10	6068.155	6077.049	6085.929	6094.823	6101.768	6106.763	6111.771	6116.767	6121.775	6116.767
15	3794.393	3801.053	3807.701	3814.361	3819.525	3823.178	3826.831	3830.496	3834.149	3830.496
20	2654.536	2657.570	2660.616	2663.649	2666.218	2668.309	2670.387	2672.478	2674.570	2672.478
25	2100.588	2101.221	2101.866	2102.499	2103.647	2105.300	2106.952	2108.604	2110.256	2108.604
30	1571.217	1572.198	1573.192	1574.186	1575.644	1577.568	1579.491	1581.414	1583.338	1581.414
35	762.826	765.950	769.086	772.223	774.146	774.882	775.618	776.353	777.089	776.353
40	288.068	289.372	290.663	291.967	293.206	294.393	295.581	296.769	297.956	296.769
45	175.239	175.381	175.510	175.652	175.782	175.911	176.027	176.156	176.285	176.156
50	121.607	121.826	122.045	122.265	122.420	122.510	122.613	122.704	122.807	122.704
55	82.960	83.154	83.334	83.528	83.657	83.747	83.838	83.915	84.005	83.915

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CANDELA TABULATION - (Cont.)

60	54.769	54.872	54.988	55.104	55.195	55.259	55.337	55.401	55.479	55.401
65	36.530	36.581	36.620	36.672	36.710	36.723	36.749	36.762	36.788	36.762
70	24.280	24.306	24.319	24.332	24.345	24.332	24.332	24.319	24.319	24.319
75	15.077	15.077	15.089	15.102	15.102	15.089	15.077	15.064	15.051	15.064
80	7.409	7.422	7.422	7.435	7.435	7.435	7.422	7.422	7.422	7.422
85	1.575	1.575	1.562	1.562	1.562	1.562	1.562	1.562	1.562	1.562
90	0.620	0.620	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645
95	1.575	1.575	1.562	1.562	1.562	1.562	1.562	1.562	1.562	1.562
100	7.409	7.422	7.422	7.435	7.435	7.435	7.422	7.422	7.422	7.422
105	15.077	15.077	15.089	15.102	15.102	15.089	15.077	15.064	15.051	15.064
110	24.280	24.306	24.319	24.332	24.345	24.332	24.332	24.319	24.319	24.319
115	36.530	36.581	36.620	36.672	36.710	36.723	36.749	36.762	36.788	36.762
120	54.769	54.872	54.988	55.104	55.195	55.259	55.337	55.401	55.479	55.401
125	82.960	83.154	83.334	83.528	83.657	83.747	83.838	83.915	84.005	83.915
130	121.607	121.826	122.045	122.265	122.420	122.510	122.613	122.704	122.807	122.704
135	175.239	175.381	175.510	175.652	175.782	175.911	176.027	176.156	176.285	176.156
140	288.068	289.372	290.663	291.967	293.206	294.393	295.581	296.769	297.956	296.769
145	762.826	765.950	769.086	772.223	774.146	774.882	775.618	776.353	777.089	776.353
150	1571.217	1572.198	1573.192	1574.186	1575.644	1577.568	1579.491	1581.414	1583.338	1581.414
155	2100.588	2101.221	2101.866	2102.499	2103.647	2105.300	2106.952	2108.604	2110.256	2108.604
160	2654.536	2657.570	2660.616	2663.649	2666.218	2668.309	2670.387	2672.478	2674.570	2672.478
165	3794.393	3801.053	3807.701	3814.361	3819.525	3823.178	3826.831	3830.496	3834.149	3830.496
170	6068.155	6077.049	6085.929	6094.823	6101.768	6106.763	6111.771	6116.767	6121.775	6116.767
175	9087.124	9087.266	9087.421	9087.563	9087.937	9088.569	9089.189	9089.809	9090.428	9089.809
180	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577
5	9089.189	9088.557	9087.937	9087.550	9087.408	9087.266	9087.124	9086.982	9085.484	9083.987
10	6111.771	6106.763	6101.768	6094.823	6085.929	6077.049	6068.155	6059.274	6051.633	6043.991
15	3826.831	3823.178	3819.525	3814.361	3807.701	3801.053	3794.393	3787.732	3782.672	3777.612
20	2670.387	2668.309	2666.218	2663.649	2660.616	2657.570	2654.536	2651.490	2649.089	2646.701
25	2106.952	2105.300	2103.647	2102.499	2101.866	2101.221	2100.588	2099.943	2100.356	2100.756
30	1579.491	1577.568	1575.644	1574.186	1573.192	1572.198	1571.217	1570.223	1575.373	1580.511
35	775.618	774.882	774.146	772.223	769.086	765.950	762.826	759.689	758.966	758.243
40	295.581	294.393	293.206	291.967	290.663	289.372	288.068	286.778	284.299	281.821
45	176.027	175.911	175.782	175.652	175.510	175.381	175.239	175.110	174.607	174.104
50	122.613	122.510	122.420	122.265	122.045	121.826	121.607	121.387	121.026	120.664
55	83.838	83.747	83.657	83.528	83.334	83.154	82.960	82.779	82.521	82.276
60	55.337	55.259	55.195	55.104	54.988	54.872	54.769	54.653	54.485	54.317
65	36.749	36.723	36.710	36.672	36.620	36.581	36.530	36.478	36.375	36.272
70	24.332	24.332	24.345	24.332	24.319	24.306	24.280	24.267	24.215	24.177
75	15.077	15.089	15.102	15.102	15.089	15.077	15.077	15.064	15.051	15.038
80	7.422	7.435	7.435	7.435	7.422	7.422	7.409	7.396	7.383	7.358
85	1.562	1.562	1.562	1.562	1.562	1.575	1.575	1.575	1.575	1.575
90	0.645	0.645	0.645	0.645	0.645	0.620	0.620	0.620	0.620	0.620
95	1.562	1.562	1.562	1.562	1.562	1.575	1.575	1.575	1.575	1.575
100	7.422	7.435	7.435	7.435	7.422	7.422	7.409	7.396	7.383	7.358
105	15.077	15.089	15.102	15.102	15.089	15.077	15.077	15.064	15.051	15.038
110	24.332	24.332	24.345	24.332	24.319	24.306	24.280	24.267	24.215	24.177
115	36.749	36.723	36.710	36.672	36.620	36.581	36.530	36.478	36.375	36.272
120	55.337	55.259	55.195	55.104	54.988	54.872	54.769	54.653	54.485	54.317
125	83.838	83.747	83.657	83.528	83.334	83.154	82.960	82.779	82.521	82.276
130	122.613	122.510	122.420	122.265	122.045	121.826	121.607	121.387	121.026	120.664

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CANDELA TABULATION - (Cont.)

135	176.027	175.911	175.782	175.652	175.510	175.381	175.239	175.110	174.607	174.104
140	295.581	294.393	293.206	291.967	290.663	289.372	288.068	286.778	284.299	281.821
145	775.618	774.882	774.146	772.223	769.086	765.950	762.826	759.689	758.966	758.243
150	1579.491	1577.568	1575.644	1574.186	1573.192	1572.198	1571.217	1570.223	1575.373	1580.511
155	2106.952	2105.300	2103.647	2102.499	2101.866	2101.221	2100.588	2099.943	2100.356	2100.756
160	2670.387	2668.309	2666.218	2663.649	2660.616	2657.570	2654.536	2651.490	2649.089	2646.701
165	3826.831	3823.178	3819.525	3814.361	3807.701	3801.053	3794.393	3787.732	3782.672	3777.612
170	6111.771	6106.763	6101.768	6094.823	6085.929	6077.049	6068.155	6059.274	6051.633	6043.991
175	9089.189	9088.569	9087.937	9087.563	9087.421	9087.266	9087.124	9086.982	9085.484	9084.000
180	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151

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	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577
5	9082.503	9081.005	9080.476	9080.915	9081.367	9081.806	9082.244	9081.806	9081.367	9080.915
10	6036.350	6028.708	6023.997	6022.228	6020.460	6018.679	6016.910	6018.679	6020.460	6022.228
15	3772.552	3767.492	3764.782	3764.433	3764.072	3763.723	3763.362	3763.723	3764.072	3764.433
20	2644.300	2641.912	2640.518	2640.131	2639.757	2639.369	2638.982	2639.369	2639.757	2640.131
25	2101.169	2101.569	2102.563	2104.151	2105.726	2107.313	2108.888	2107.313	2105.726	2104.151
30	1585.661	1590.811	1594.284	1596.078	1597.885	1599.679	1601.486	1599.679	1597.885	1596.078
35	757.521	756.798	756.243	755.868	755.494	755.107	754.732	755.107	755.494	755.868
40	279.356	276.877	275.148	274.167	273.173	272.192	271.211	272.192	273.173	274.167
45	173.600	173.097	172.735	172.516	172.296	172.077	171.858	172.077	172.296	172.516
50	120.290	119.929	119.670	119.515	119.348	119.193	119.038	119.193	119.348	119.515
55	82.018	81.772	81.592	81.501	81.411	81.321	81.230	81.321	81.411	81.501
60	54.149	53.981	53.878	53.814	53.749	53.684	53.620	53.684	53.749	53.814
65	36.168	36.065	36.000	35.988	35.975	35.949	35.936	35.949	35.975	35.988
70	24.125	24.086	24.061	24.048	24.048	24.035	24.035	24.035	24.048	24.048
75	15.025	15.012	15.012	15.025	15.038	15.038	15.051	15.038	15.038	15.025
80	7.345	7.332	7.319	7.319	7.306	7.306	7.306	7.306	7.306	7.319
85	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575
90	0.594	0.594	0.594	0.594	0.568	0.568	0.568	0.568	0.568	0.594
95	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575
100	7.345	7.332	7.319	7.319	7.306	7.306	7.306	7.306	7.306	7.319
105	15.025	15.012	15.012	15.025	15.038	15.038	15.051	15.038	15.038	15.025
110	24.125	24.086	24.061	24.048	24.048	24.035	24.035	24.035	24.048	24.048
115	36.168	36.065	36.000	35.988	35.975	35.949	35.936	35.949	35.975	35.988
120	54.149	53.981	53.878	53.814	53.749	53.684	53.620	53.684	53.749	53.814
125	82.018	81.772	81.592	81.501	81.411	81.321	81.230	81.321	81.411	81.501
130	120.290	119.929	119.670	119.515	119.348	119.193	119.038	119.193	119.348	119.515
135	173.600	173.097	172.735	172.516	172.296	172.077	171.858	172.077	172.296	172.516
140	279.356	276.877	275.148	274.167	273.173	272.192	271.211	272.192	273.173	274.167
145	757.521	756.798	756.243	755.868	755.494	755.107	754.732	755.107	755.494	755.868
150	1585.661	1590.811	1594.284	1596.078	1597.885	1599.679	1601.486	1599.679	1597.885	1596.078
155	2101.169	2101.569	2102.563	2104.151	2105.726	2107.313	2108.888	2107.313	2105.726	2104.151
160	2644.300	2641.912	2640.518	2640.131	2639.757	2639.369	2638.982	2639.369	2639.757	2640.131
165	3772.552	3767.492	3764.782	3764.433	3764.072	3763.723	3763.362	3763.723	3764.072	3764.433
170	6036.350	6028.708	6023.997	6022.228	6020.460	6018.679	6016.910	6018.679	6020.460	6022.228
175	9082.503	9081.005	9080.476	9080.928	9081.367	9081.806	9082.244	9081.806	9081.367	9080.928
180	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151

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	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

5	9080.476	9081.005	9082.503	9083.987	9085.484	9086.982	9087.124	9087.266	9087.408	9087.550
10	6023.997	6028.708	6036.350	6043.991	6051.633	6059.274	6068.155	6077.049	6085.929	6094.823
15	3764.782	3767.492	3772.552	3777.612	3782.672	3787.732	3794.393	3801.053	3807.701	3814.361
20	2640.518	2641.912	2644.300	2646.701	2649.089	2651.490	2654.536	2657.570	2660.616	2663.649
25	2102.563	2101.569	2101.169	2100.756	2100.356	2099.943	2100.588	2101.221	2101.866	2102.499
30	1594.284	1590.811	1585.661	1580.511	1575.373	1570.223	1571.217	1572.198	1573.192	1574.186
35	756.243	756.798	757.521	758.243	758.966	759.689	762.826	765.950	769.086	772.223
40	275.148	276.877	279.356	281.821	284.299	286.778	288.068	289.372	290.663	291.967
45	172.735	173.097	173.600	174.104	174.607	175.110	175.239	175.381	175.510	175.652
50	119.670	119.929	120.290	120.664	121.026	121.387	121.607	121.826	122.045	122.265
55	81.592	81.772	82.018	82.276	82.521	82.779	82.960	83.154	83.334	83.528
60	53.878	53.981	54.149	54.317	54.485	54.653	54.769	54.872	54.988	55.104
65	36.000	36.065	36.168	36.272	36.375	36.478	36.530	36.581	36.620	36.672
70	24.061	24.086	24.125	24.177	24.215	24.267	24.280	24.306	24.319	24.332
75	15.012	15.012	15.025	15.038	15.051	15.064	15.077	15.077	15.089	15.102
80	7.319	7.332	7.345	7.358	7.383	7.396	7.409	7.422	7.422	7.435
85	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.562	1.562
90	0.594	0.594	0.594	0.620	0.620	0.620	0.620	0.620	0.645	0.645
95	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.562	1.562
100	7.319	7.332	7.345	7.358	7.383	7.396	7.409	7.422	7.422	7.435
105	15.012	15.012	15.025	15.038	15.051	15.064	15.077	15.077	15.089	15.102
110	24.061	24.086	24.125	24.177	24.215	24.267	24.280	24.306	24.319	24.332
115	36.000	36.065	36.168	36.272	36.375	36.478	36.530	36.581	36.620	36.672
120	53.878	53.981	54.149	54.317	54.485	54.653	54.769	54.872	54.988	55.104
125	81.592	81.772	82.018	82.276	82.521	82.779	82.960	83.154	83.334	83.528
130	119.670	119.929	120.290	120.664	121.026	121.387	121.607	121.826	122.045	122.265
135	172.735	173.097	173.600	174.104	174.607	175.110	175.239	175.381	175.510	175.652
140	275.148	276.877	279.356	281.821	284.299	286.778	288.068	289.372	290.663	291.967
145	756.243	756.798	757.521	758.243	758.966	759.689	762.826	765.950	769.086	772.223
150	1594.284	1590.811	1585.661	1580.511	1575.373	1570.223	1571.217	1572.198	1573.192	1574.186
155	2102.563	2101.569	2101.169	2100.756	2100.356	2099.943	2100.588	2101.221	2101.866	2102.499
160	2640.518	2641.912	2644.300	2646.701	2649.089	2651.490	2654.536	2657.570	2660.616	2663.649
165	3764.782	3767.492	3772.552	3777.612	3782.672	3787.732	3794.393	3801.053	3807.701	3814.361
170	6023.997	6028.708	6036.350	6043.991	6051.633	6059.274	6068.155	6077.049	6085.929	6094.823
175	9080.476	9081.005	9082.503	9084.000	9085.484	9086.982	9087.124	9087.266	9087.421	9087.563
180	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151

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	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577
5	9087.937	9088.557	9089.189	9089.809	9090.428	9089.809	9089.189	9088.557	9087.937	9087.550
10	6101.768	6106.763	6111.771	6116.767	6121.775	6116.767	6111.771	6106.763	6101.768	6094.823
15	3819.525	3823.178	3826.831	3830.496	3834.149	3830.496	3826.831	3823.178	3819.525	3814.361
20	2666.218	2668.309	2670.387	2672.478	2674.570	2672.478	2670.387	2668.309	2666.218	2663.649
25	2103.647	2105.300	2106.952	2108.604	2110.256	2108.604	2106.952	2105.300	2103.647	2102.499
30	1575.644	1577.568	1579.491	1581.414	1583.338	1581.414	1579.491	1577.568	1575.644	1574.186
35	774.146	774.882	775.618	776.353	777.089	776.353	775.618	774.882	774.146	772.223
40	293.206	294.393	295.581	296.769	297.956	296.769	295.581	294.393	293.206	291.967
45	175.782	175.911	176.027	176.156	176.285	176.156	176.027	175.911	175.782	175.652
50	122.420	122.510	122.613	122.704	122.807	122.704	122.613	122.510	122.420	122.265
55	83.657	83.747	83.838	83.915	84.005	83.915	83.838	83.747	83.657	83.528
60	55.195	55.259	55.337	55.401	55.479	55.401	55.337	55.259	55.195	55.104
65	36.710	36.723	36.749	36.762	36.788	36.762	36.749	36.723	36.710	36.672
70	24.345	24.332	24.332	24.319	24.319	24.319	24.332	24.332	24.345	24.332
75	15.102	15.089	15.077	15.064	15.051	15.064	15.077	15.089	15.102	15.102

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

80	7.435	7.435	7.422	7.422	7.422	7.422	7.422	7.435	7.435	7.435
85	1.562	1.562	1.562	1.562	1.562	1.562	1.562	1.562	1.562	1.562
90	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645	0.645
95	1.562	1.562	1.562	1.562	1.562	1.562	1.562	1.562	1.562	1.562
100	7.435	7.435	7.422	7.422	7.422	7.422	7.422	7.435	7.435	7.435
105	15.102	15.089	15.077	15.064	15.051	15.064	15.077	15.089	15.102	15.102
110	24.345	24.332	24.332	24.319	24.319	24.319	24.332	24.332	24.345	24.332
115	36.710	36.723	36.749	36.762	36.788	36.762	36.749	36.723	36.710	36.672
120	55.195	55.259	55.337	55.401	55.479	55.401	55.337	55.259	55.195	55.104
125	83.657	83.747	83.838	83.915	84.005	83.915	83.838	83.747	83.657	83.528
130	122.420	122.510	122.613	122.704	122.807	122.704	122.613	122.510	122.420	122.265
135	175.782	175.911	176.027	176.156	176.285	176.156	176.027	175.911	175.782	175.652
140	293.206	294.393	295.581	296.769	297.956	296.769	295.581	294.393	293.206	291.967
145	774.146	774.882	775.618	776.353	777.089	776.353	775.618	774.882	774.146	772.223
150	1575.644	1577.568	1579.491	1581.414	1583.338	1581.414	1579.491	1577.568	1575.644	1574.186
155	2103.647	2105.300	2106.952	2108.604	2110.256	2108.604	2106.952	2105.300	2103.647	2102.499
160	2666.218	2668.309	2670.387	2672.478	2674.570	2672.478	2670.387	2668.309	2666.218	2663.649
165	3819.525	3823.178	3826.831	3830.496	3834.149	3830.496	3826.831	3823.178	3819.525	3814.361
170	6101.768	6106.763	6111.771	6116.767	6121.775	6116.767	6111.771	6106.763	6101.768	6094.823
175	9087.937	9088.569	9089.189	9089.809	9090.428	9089.809	9089.189	9088.569	9087.937	9087.563
180	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151

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	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577	10547.577
5	9087.408	9087.266	9087.124	9086.982	9085.484	9083.987	9082.503	9081.005	9080.476	9080.915
10	6085.929	6077.049	6068.155	6059.274	6051.633	6043.991	6036.350	6028.708	6023.997	6022.228
15	3807.701	3801.053	3794.393	3787.732	3782.672	3777.612	3772.552	3767.492	3764.782	3764.433
20	2660.616	2657.570	2654.536	2651.490	2649.089	2646.701	2644.300	2641.912	2640.518	2640.131
25	2101.866	2101.221	2100.588	2099.943	2100.356	2100.756	2101.169	2101.569	2102.563	2104.151
30	1573.192	1572.198	1571.217	1570.223	1575.373	1580.511	1585.661	1590.811	1594.284	1596.078
35	769.086	765.950	762.826	759.689	758.966	758.243	757.521	756.798	756.243	755.868
40	290.663	289.372	288.068	286.778	284.299	281.821	279.356	276.877	275.148	274.167
45	175.510	175.381	175.239	175.110	174.607	174.104	173.600	173.097	172.735	172.516
50	122.045	121.826	121.607	121.387	121.026	120.664	120.290	119.929	119.670	119.515
55	83.334	83.154	82.960	82.779	82.521	82.276	82.018	81.772	81.592	81.501
60	54.988	54.872	54.769	54.653	54.485	54.317	54.149	53.981	53.878	53.814
65	36.620	36.581	36.530	36.478	36.375	36.272	36.168	36.065	36.000	35.988
70	24.319	24.306	24.280	24.267	24.215	24.177	24.125	24.086	24.061	24.048
75	15.089	15.077	15.077	15.064	15.051	15.038	15.025	15.012	15.012	15.025
80	7.422	7.422	7.409	7.396	7.383	7.358	7.345	7.332	7.319	7.319
85	1.562	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575
90	0.645	0.620	0.620	0.620	0.620	0.620	0.594	0.594	0.594	0.594
95	1.562	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575
100	7.422	7.422	7.409	7.396	7.383	7.358	7.345	7.332	7.319	7.319
105	15.089	15.077	15.077	15.064	15.051	15.038	15.025	15.012	15.012	15.025
110	24.319	24.306	24.280	24.267	24.215	24.177	24.125	24.086	24.061	24.048
115	36.620	36.581	36.530	36.478	36.375	36.272	36.168	36.065	36.000	35.988
120	54.988	54.872	54.769	54.653	54.485	54.317	54.149	53.981	53.878	53.814
125	83.334	83.154	82.960	82.779	82.521	82.276	82.018	81.772	81.592	81.501
130	122.045	121.826	121.607	121.387	121.026	120.664	120.290	119.929	119.670	119.515
135	175.510	175.381	175.239	175.110	174.607	174.104	173.600	173.097	172.735	172.516
140	290.663	289.372	288.068	286.778	284.299	281.821	279.356	276.877	275.148	274.167
145	769.086	765.950	762.826	759.689	758.966	758.243	757.521	756.798	756.243	755.868
150	1573.192	1572.198	1571.217	1570.223	1575.373	1580.511	1585.661	1590.811	1594.284	1596.078

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-N-XX_.IES

CANDELA TABULATION - (Cont.)

155	2101.866	2101.221	2100.588	2099.943	2100.356	2100.756	2101.169	2101.569	2102.563	2104.151
160	2660.616	2657.570	2654.536	2651.490	2649.089	2646.701	2644.300	2641.912	2640.518	2640.131
165	3807.701	3801.053	3794.393	3787.732	3782.672	3777.612	3772.552	3767.492	3764.782	3764.433
170	6085.929	6077.049	6068.155	6059.274	6051.633	6043.991	6036.350	6028.708	6023.997	6022.228
175	9087.421	9087.266	9087.124	9086.982	9085.484	9084.000	9082.503	9081.005	9080.476	9080.928
180	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151	10547.151

Vert. Horizontal Angles

	<u>350</u>	<u>355</u>	<u>360</u>
0	10547.577	10547.577	10547.577
5	9081.367	9081.806	9082.244
10	6020.460	6018.679	6016.910
15	3764.072	3763.723	3763.362
20	2639.757	2639.369	2638.982
25	2105.726	2107.313	2108.888
30	1597.885	1599.679	1601.486
35	755.494	755.107	754.732
40	273.173	272.192	271.211
45	172.296	172.077	171.858
50	119.348	119.193	119.038
55	81.411	81.321	81.230
60	53.749	53.684	53.620
65	35.975	35.949	35.936
70	24.048	24.035	24.035
75	15.038	15.038	15.051
80	7.306	7.306	7.306
85	1.575	1.575	1.575
90	0.568	0.568	0.568
95	1.575	1.575	1.575
100	7.306	7.306	7.306
105	15.038	15.038	15.051
110	24.048	24.035	24.035
115	35.975	35.949	35.936
120	53.749	53.684	53.620
125	81.411	81.321	81.230
130	119.348	119.193	119.038
135	172.296	172.077	171.858
140	273.173	272.192	271.211
145	755.494	755.107	754.732
150	1597.885	1599.679	1601.486
155	2105.726	2107.313	2108.888
160	2639.757	2639.369	2638.982
165	3764.072	3763.723	3763.362
170	6020.460	6018.679	6016.910
175	9081.367	9081.806	9082.244
180	10547.151	10547.151	10547.151

COEFFICIENTS OF UTILIZATION



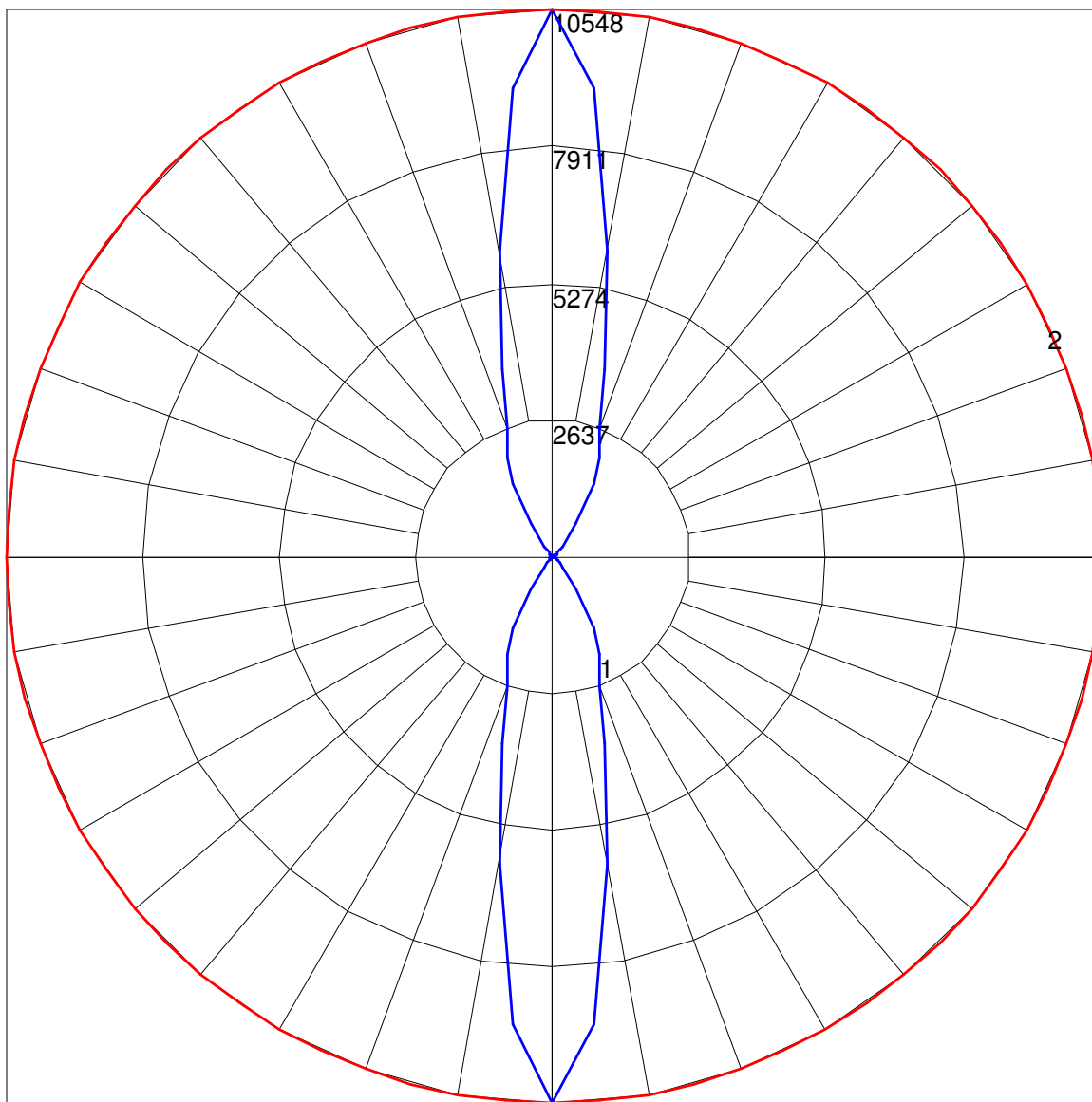
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	1828.0	25.0
Downward House Side	1828.0	25.0
Downward Total	3656.0	50.0
Upward Street Side	1828.0	25.0
Upward House Side	1828.0	25.0
Upward Total	3656.0	50.0
Total Flux	7312.0	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L40-840U-L40-840D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 10547.577 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

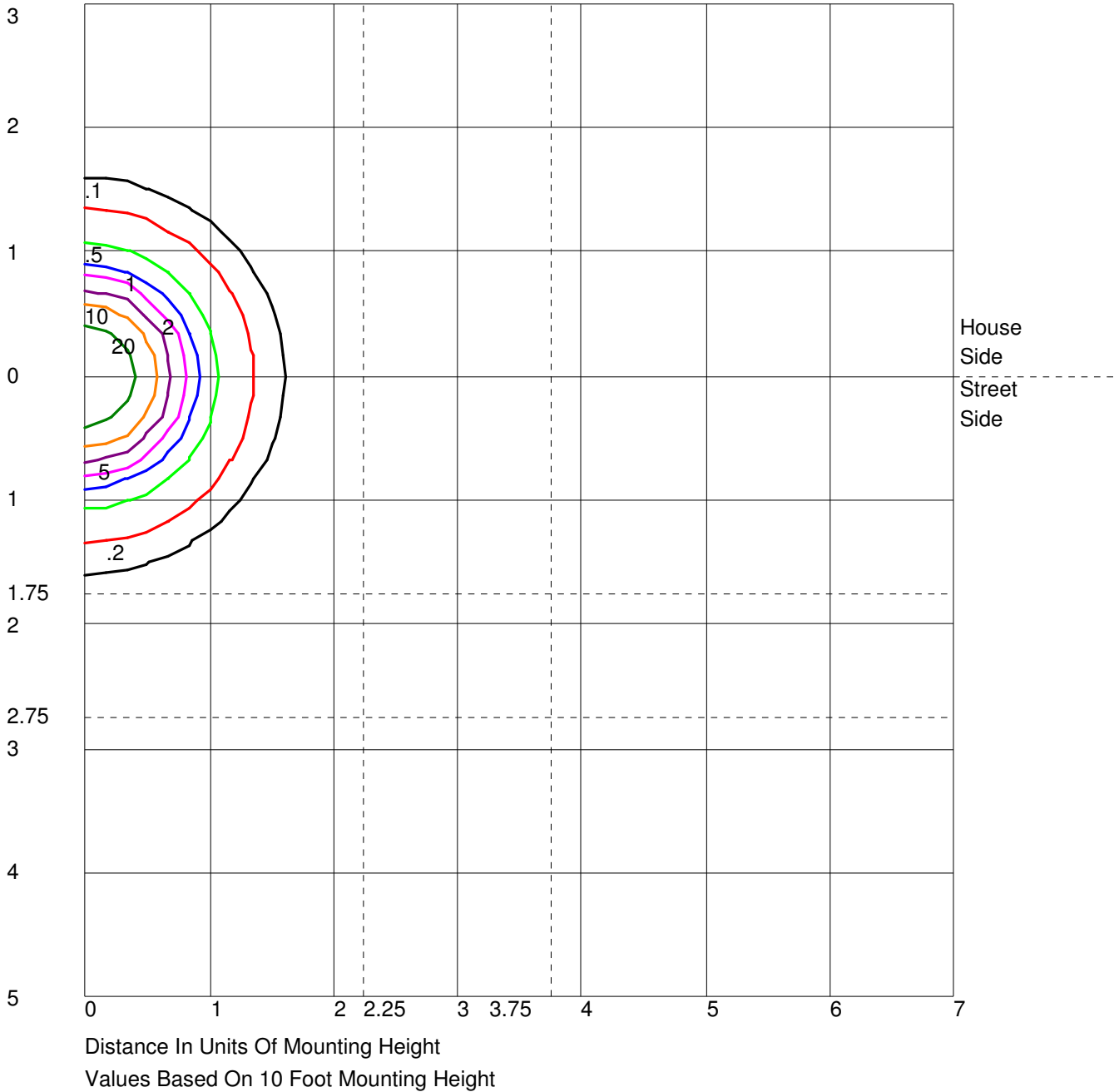


PHOTO LUMENS

