

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-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-L50-930U-L50-930D-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	9721
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	108
Total Luminaire Watts	90
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	26249.279
Maximum Candela Angle	340H 175V
Maximum Candela (<90 Degrees Vertical)	26249.279
Maximum Candela Angle (<90 Degrees Vertical)	340H 5V
Maximum Candela At 90 Degrees Vertical	.67 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	7.961 (0.1% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-S-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	2121.7	N.A.	21.8
FM - Front-Medium (30-60)	283.2	N.A.	2.9
FH - Front-High (60-80)	23.8	N.A.	0.2
FVH - Front-Very High (80-90)	1.6	N.A.	0.0
BL - Back-Low (0-30)	2121.7	N.A.	21.8
BM - Back-Medium (30-60)	283.2	N.A.	2.9
BH - Back-High (60-80)	23.8	N.A.	0.2
BVH - Back-Very High (80-90)	1.6	N.A.	0.0
UL - Uplight-Low (90-100)	3.2	N.A.	0.0
UH - Uplight-High (100-180)	4857.3	N.A.	50.0
Total	9721.1	N.A.	100.0
BUG Rating	B3-U5-G0		

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0	5	10	15	20	25	30	35	40	45
0	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830
5	26176.916	26194.999	26213.097	26231.181	26249.279	26222.078	26149.609	26077.140	26004.671	25932.201
10	11254.307	11274.126	11293.944	11313.777	11333.596	11362.105	11399.322	11436.538	11473.755	11510.971
15	4035.016	4034.483	4033.966	4033.433	4032.900	4048.152	4079.173	4110.179	4141.201	4172.222
20	2205.356	2209.709	2214.062	2218.431	2222.784	2228.690	2236.164	2243.637	2251.096	2258.570
25	1822.354	1822.704	1823.054	1823.404	1823.755	1823.815	1823.618	1823.420	1823.207	1823.009
30	1475.230	1472.292	1469.369	1466.432	1463.494	1457.847	1449.490	1441.118	1432.762	1424.390
35	655.571	656.774	657.976	659.179	660.381	661.873	663.669	665.465	667.261	669.058
40	128.941	131.285	133.614	135.958	138.287	141.970	146.993	152.032	157.055	162.078
45	64.584	64.767	64.935	65.117	65.285	65.483	65.711	65.939	66.152	66.381
50	60.536	60.551	60.581	60.596	60.612	60.566	60.444	60.338	60.216	60.094
55	59.455	59.364	59.272	59.196	59.105	58.922	58.633	58.359	58.070	57.796
60	48.145	48.115	48.100	48.069	48.054	47.887	47.582	47.293	46.989	46.684
65	32.346	32.285	32.239	32.178	32.132	32.072	31.995	31.919	31.858	31.782
70	21.051	21.066	21.066	21.082	21.097	21.097	21.097	21.082	21.082	21.082
75	14.004	14.004	14.004	14.019	14.019	14.019	14.019	14.019	14.019	14.019
80	7.763	7.763	7.763	7.763	7.763	7.778	7.793	7.809	7.839	7.854
85	1.583	1.583	1.583	1.598	1.598	1.598	1.598	1.613	1.613	1.613
90	0.518	0.518	0.548	0.548	0.578	0.578	0.578	0.609	0.609	0.609
95	1.583	1.583	1.583	1.598	1.598	1.598	1.598	1.613	1.613	1.613
100	7.763	7.763	7.763	7.763	7.763	7.778	7.793	7.809	7.839	7.854
105	14.004	14.004	14.004	14.019	14.019	14.019	14.019	14.019	14.019	14.019
110	21.051	21.066	21.066	21.082	21.097	21.097	21.097	21.082	21.082	21.082
115	32.346	32.285	32.239	32.178	32.132	32.072	31.995	31.919	31.858	31.782
120	48.145	48.115	48.100	48.069	48.054	47.887	47.582	47.293	46.989	46.684
125	59.455	59.364	59.272	59.196	59.105	58.922	58.633	58.359	58.070	57.796
130	60.536	60.551	60.581	60.596	60.612	60.566	60.444	60.338	60.216	60.094
135	64.584	64.767	64.935	65.117	65.285	65.483	65.711	65.939	66.152	66.381
140	128.941	131.285	133.614	135.958	138.287	141.970	146.993	152.032	157.055	162.078
145	655.571	656.774	657.976	659.179	660.381	661.873	663.669	665.465	667.261	669.058
150	1475.230	1472.292	1469.369	1466.432	1463.494	1457.847	1449.490	1441.118	1432.762	1424.390
155	1822.354	1822.704	1823.054	1823.404	1823.755	1823.815	1823.618	1823.420	1823.207	1823.009
160	2205.356	2209.709	2214.062	2218.431	2222.784	2228.690	2236.164	2243.637	2251.096	2258.570
165	4035.016	4034.483	4033.966	4033.433	4032.900	4048.152	4079.173	4110.179	4141.201	4172.222
170	11254.307	11274.126	11293.944	11313.777	11333.596	11362.105	11399.322	11436.538	11473.755	11510.971
175	26176.916	26195.014	26213.097	26231.196	26249.279	26222.093	26149.624	26077.155	26004.686	25932.201
180	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495

Vert. Angles	Horizontal Angles									
	50	55	60	65	70	75	80	85	90	95
0	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830
5	25883.006	25833.810	25784.615	25735.419	25658.094	25552.640	25447.186	25341.732	25236.278	25131.732
10	11549.664	11588.372	11627.065	11665.773	11673.399	11649.943	11626.502	11603.045	11579.604	11603.045
15	4193.121	4214.005	4234.904	4255.803	4264.220	4260.186	4256.153	4252.119	4248.085	4252.119
20	2266.454	2274.324	2282.208	2290.078	2290.885	2284.598	2278.327	2272.041	2265.769	2272.041
25	1823.770	1824.531	1825.277	1826.038	1824.120	1819.538	1814.957	1810.375	1805.793	1810.375
30	1420.539	1416.673	1412.822	1408.971	1404.952	1400.782	1396.626	1392.456	1388.285	1392.456
35	674.005	678.936	683.883	688.830	691.555	692.057	692.559	693.077	693.579	693.077
40	165.990	169.901	173.813	177.725	180.115	180.998	181.881	182.764	183.646	182.764
45	66.731	67.066	67.416	67.766	67.857	67.705	67.537	67.385	67.233	67.385
50	60.155	60.231	60.292	60.368	60.322	60.155	59.988	59.835	59.668	59.835
55	57.735	57.659	57.598	57.522	57.400	57.202	57.019	56.822	56.639	56.822

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

60	46.608	46.517	46.441	46.364	46.288	46.243	46.182	46.136	46.075	46.136
65	31.737	31.691	31.645	31.600	31.508	31.341	31.189	31.021	30.869	31.021
70	21.066	21.051	21.036	21.021	20.960	20.869	20.777	20.686	20.595	20.686
75	14.019	14.019	14.034	14.034	14.004	13.943	13.882	13.821	13.760	13.821
80	7.885	7.900	7.946	7.961	7.961	7.930	7.915	7.869	7.854	7.869
85	1.613	1.613	1.613	1.613	1.613	1.598	1.598	1.583	1.583	1.583
90	0.609	0.639	0.639	0.670	0.670	0.639	0.639	0.609	0.609	0.609
95	1.613	1.613	1.613	1.613	1.613	1.598	1.598	1.583	1.583	1.583
100	7.885	7.900	7.946	7.961	7.961	7.930	7.915	7.869	7.854	7.869
105	14.019	14.019	14.034	14.034	14.004	13.943	13.882	13.821	13.760	13.821
110	21.066	21.051	21.036	21.021	20.960	20.869	20.777	20.686	20.595	20.686
115	31.737	31.691	31.645	31.600	31.508	31.341	31.189	31.021	30.869	31.021
120	46.608	46.517	46.441	46.364	46.288	46.243	46.182	46.136	46.075	46.136
125	57.735	57.659	57.598	57.522	57.400	57.202	57.019	56.822	56.639	56.822
130	60.155	60.231	60.292	60.368	60.322	60.155	59.988	59.835	59.668	59.835
135	66.731	67.066	67.416	67.766	67.857	67.705	67.537	67.385	67.233	67.385
140	165.990	169.901	173.813	177.725	180.115	180.998	181.881	182.764	183.646	182.764
145	674.005	678.936	683.883	688.830	691.555	692.057	692.559	693.077	693.579	693.077
150	1420.539	1416.673	1412.822	1408.971	1404.952	1400.782	1396.626	1392.456	1388.285	1392.456
155	1823.770	1824.531	1825.277	1826.038	1824.120	1819.538	1814.957	1810.375	1805.793	1810.375
160	2266.454	2274.324	2282.208	2290.078	2290.885	2284.598	2278.327	2272.041	2265.769	2272.041
165	4193.121	4214.005	4234.904	4255.803	4264.220	4260.186	4256.153	4252.119	4248.085	4252.119
170	11549.664	11588.372	11627.065	11665.773	11673.399	11649.943	11626.502	11603.045	11579.604	11603.045
175	25883.006	25833.810	25784.615	25735.419	25658.094	25552.640	25447.186	25341.732	25236.278	25341.732
180	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495

Vert. Angles

Horizontal Angles

	100	105	110	115	120	125	130	135	140	145
0	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830
5	25447.186	25552.640	25658.094	25735.419	25784.615	25833.810	25883.006	25932.201	26004.671	26077.140
10	11626.502	11649.943	11673.399	11665.773	11627.065	11588.372	11549.664	11510.971	11473.755	11436.538
15	4256.153	4260.186	4264.220	4255.803	4234.904	4214.005	4193.121	4172.222	4141.201	4110.179
20	2278.327	2284.598	2290.885	2290.078	2282.208	2274.324	2266.454	2258.570	2251.096	2243.637
25	1814.957	1819.538	1824.120	1826.038	1825.277	1824.531	1823.770	1823.009	1823.207	1823.420
30	1396.626	1400.782	1404.952	1408.971	1412.822	1416.673	1420.539	1424.390	1432.762	1441.118
35	692.559	692.057	691.555	688.830	683.883	678.936	674.005	669.058	667.261	665.465
40	181.881	180.998	180.115	177.725	173.813	169.901	165.990	162.078	157.055	152.032
45	67.537	67.705	67.857	67.766	67.416	67.066	66.731	66.381	66.152	65.939
50	59.988	60.155	60.322	60.368	60.292	60.231	60.155	60.094	60.216	60.338
55	57.019	57.202	57.400	57.522	57.598	57.659	57.735	57.796	58.070	58.359
60	46.182	46.243	46.288	46.364	46.441	46.517	46.608	46.684	46.989	47.293
65	31.189	31.341	31.508	31.600	31.645	31.691	31.737	31.782	31.858	31.919
70	20.777	20.869	20.960	21.021	21.036	21.051	21.066	21.082	21.082	21.082
75	13.882	13.943	14.004	14.034	14.034	14.019	14.019	14.019	14.019	14.019
80	7.915	7.930	7.961	7.961	7.946	7.900	7.885	7.854	7.839	7.809
85	1.598	1.598	1.613	1.613	1.613	1.613	1.613	1.613	1.613	1.613
90	0.639	0.639	0.670	0.670	0.639	0.639	0.609	0.609	0.609	0.609
95	1.598	1.598	1.613	1.613	1.613	1.613	1.613	1.613	1.613	1.613
100	7.915	7.930	7.961	7.961	7.946	7.900	7.885	7.854	7.839	7.809
105	13.882	13.943	14.004	14.034	14.034	14.019	14.019	14.019	14.019	14.019
110	20.777	20.869	20.960	21.021	21.036	21.051	21.066	21.082	21.082	21.082
115	31.189	31.341	31.508	31.600	31.645	31.691	31.737	31.782	31.858	31.919
120	46.182	46.243	46.288	46.364	46.441	46.517	46.608	46.684	46.989	47.293
125	57.019	57.202	57.400	57.522	57.598	57.659	57.735	57.796	58.070	58.359
130	59.988	60.155	60.322	60.368	60.292	60.231	60.155	60.094	60.216	60.338

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

135	67.537	67.705	67.857	67.766	67.416	67.066	66.731	66.381	66.152	65.939
140	181.881	180.998	180.115	177.725	173.813	169.901	165.990	162.078	157.055	152.032
145	692.559	692.057	691.555	688.830	683.883	678.936	674.005	669.058	667.261	665.465
150	1396.626	1400.782	1404.952	1408.971	1412.822	1416.673	1420.539	1424.390	1432.762	1441.118
155	1814.957	1819.538	1824.120	1826.038	1825.277	1824.531	1823.770	1823.009	1823.207	1823.420
160	2278.327	2284.598	2290.885	2290.078	2282.208	2274.324	2266.454	2258.570	2251.096	2243.637
165	4256.153	4260.186	4264.220	4255.803	4234.904	4214.005	4193.121	4172.222	4141.201	4110.179
170	11626.50211649.94311673.39911665.77311627.06511588.37211549.66411510.97111473.75511436.538									
175	25447.18625552.64025658.09425735.41925784.61525833.81025883.00625932.20126004.68626077.155									
180	25194.49525194.49525194.49525194.49525194.49525194.49525194.49525194.49525194.49525194.495									

Vert. 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	25194.83025194.83025194.83025194.83025194.83025194.83025194.83025194.83025194.83025194.830									
5	26149.60926222.07826249.27926231.18126213.09726194.99926176.91626194.99926213.09726231.181									
10	11399.32211362.10511333.59611313.77711293.94411274.12611254.30711274.12611293.94411313.777									
15	4079.173	4048.152	4032.900	4033.433	4033.966	4034.483	4035.016	4034.483	4033.966	4033.433
20	2236.164	2228.690	2222.784	2218.431	2214.062	2209.709	2205.356	2209.709	2214.062	2218.431
25	1823.618	1823.815	1823.755	1823.404	1823.054	1822.704	1822.354	1822.704	1823.054	1823.404
30	1449.490	1457.847	1463.494	1466.432	1469.369	1472.292	1475.230	1472.292	1469.369	1466.432
35	663.669	661.873	660.381	659.179	657.976	656.774	655.571	656.774	657.976	659.179
40	146.993	141.970	138.287	135.958	133.614	131.285	128.941	131.285	133.614	135.958
45	65.711	65.483	65.285	65.117	64.935	64.767	64.584	64.767	64.935	65.117
50	60.444	60.566	60.612	60.596	60.581	60.551	60.536	60.551	60.581	60.596
55	58.633	58.922	59.105	59.196	59.272	59.364	59.455	59.364	59.272	59.196
60	47.582	47.887	48.054	48.069	48.100	48.115	48.145	48.115	48.100	48.069
65	31.995	32.072	32.132	32.178	32.239	32.285	32.346	32.285	32.239	32.178
70	21.097	21.097	21.097	21.082	21.066	21.066	21.051	21.066	21.066	21.082
75	14.019	14.019	14.019	14.019	14.004	14.004	14.004	14.004	14.004	14.019
80	7.793	7.778	7.763	7.763	7.763	7.763	7.763	7.763	7.763	7.763
85	1.598	1.598	1.598	1.598	1.583	1.583	1.583	1.583	1.583	1.598
90	0.578	0.578	0.578	0.548	0.548	0.518	0.518	0.518	0.548	0.548
95	1.598	1.598	1.598	1.598	1.583	1.583	1.583	1.583	1.583	1.598
100	7.793	7.778	7.763	7.763	7.763	7.763	7.763	7.763	7.763	7.763
105	14.019	14.019	14.019	14.019	14.004	14.004	14.004	14.004	14.004	14.019
110	21.097	21.097	21.097	21.082	21.066	21.066	21.051	21.066	21.066	21.082
115	31.995	32.072	32.132	32.178	32.239	32.285	32.346	32.285	32.239	32.178
120	47.582	47.887	48.054	48.069	48.100	48.115	48.145	48.115	48.100	48.069
125	58.633	58.922	59.105	59.196	59.272	59.364	59.455	59.364	59.272	59.196
130	60.444	60.566	60.612	60.596	60.581	60.551	60.536	60.551	60.581	60.596
135	65.711	65.483	65.285	65.117	64.935	64.767	64.584	64.767	64.935	65.117
140	146.993	141.970	138.287	135.958	133.614	131.285	128.941	131.285	133.614	135.958
145	663.669	661.873	660.381	659.179	657.976	656.774	655.571	656.774	657.976	659.179
150	1449.490	1457.847	1463.494	1466.432	1469.369	1472.292	1475.230	1472.292	1469.369	1466.432
155	1823.618	1823.815	1823.755	1823.404	1823.054	1822.704	1822.354	1822.704	1823.054	1823.404
160	2236.164	2228.690	2222.784	2218.431	2214.062	2209.709	2205.356	2209.709	2214.062	2218.431
165	4079.173	4048.152	4032.900	4033.433	4033.966	4034.483	4035.016	4034.483	4033.966	4033.433
170	11399.32211362.10511333.59611313.77711293.94411274.12611254.30711274.12611293.94411313.777									
175	26149.62426222.09326249.27926231.19626213.09726195.01426176.91626195.01426213.09726231.196									
180	25194.49525194.49525194.49525194.49525194.49525194.49525194.49525194.49525194.495									

Vert. 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	25194.83025194.83025194.83025194.83025194.83025194.83025194.83025194.83025194.830									

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

5	26249.279	26222.078	26149.609	26077.140	26004.671	25932.201	25883.006	25833.810	25784.615	25735.419
10	11333.596	11362.105	11399.322	11436.538	11473.755	11510.971	11549.664	11588.372	11627.065	11665.773
15	4032.900	4048.152	4079.173	4110.179	4141.201	4172.222	4193.121	4214.005	4234.904	4255.803
20	2222.784	2228.690	2236.164	2243.637	2251.096	2258.570	2266.454	2274.324	2282.208	2290.078
25	1823.755	1823.815	1823.618	1823.420	1823.207	1823.009	1823.770	1824.531	1825.277	1826.038
30	1463.494	1457.847	1449.490	1441.118	1432.762	1424.390	1420.539	1416.673	1412.822	1408.971
35	660.381	661.873	663.669	665.465	667.261	669.058	674.005	678.936	683.883	688.830
40	138.287	141.970	146.993	152.032	157.055	162.078	165.990	169.901	173.813	177.725
45	65.285	65.483	65.711	65.939	66.152	66.381	66.731	67.066	67.416	67.766
50	60.612	60.566	60.444	60.338	60.216	60.094	60.155	60.231	60.292	60.368
55	59.105	58.922	58.633	58.359	58.070	57.796	57.735	57.659	57.598	57.522
60	48.054	47.887	47.582	47.293	46.989	46.684	46.608	46.517	46.441	46.364
65	32.132	32.072	31.995	31.919	31.858	31.782	31.737	31.691	31.645	31.600
70	21.097	21.097	21.097	21.082	21.082	21.082	21.066	21.051	21.036	21.021
75	14.019	14.019	14.019	14.019	14.019	14.019	14.019	14.019	14.034	14.034
80	7.763	7.778	7.793	7.809	7.839	7.854	7.885	7.900	7.946	7.961
85	1.598	1.598	1.598	1.613	1.613	1.613	1.613	1.613	1.613	1.613
90	0.578	0.578	0.578	0.609	0.609	0.609	0.609	0.639	0.639	0.670
95	1.598	1.598	1.598	1.613	1.613	1.613	1.613	1.613	1.613	1.613
100	7.763	7.778	7.793	7.809	7.839	7.854	7.885	7.900	7.946	7.961
105	14.019	14.019	14.019	14.019	14.019	14.019	14.019	14.019	14.034	14.034
110	21.097	21.097	21.097	21.082	21.082	21.082	21.066	21.051	21.036	21.021
115	32.132	32.072	31.995	31.919	31.858	31.782	31.737	31.691	31.645	31.600
120	48.054	47.887	47.582	47.293	46.989	46.684	46.608	46.517	46.441	46.364
125	59.105	58.922	58.633	58.359	58.070	57.796	57.735	57.659	57.598	57.522
130	60.612	60.566	60.444	60.338	60.216	60.094	60.155	60.231	60.292	60.368
135	65.285	65.483	65.711	65.939	66.152	66.381	66.731	67.066	67.416	67.766
140	138.287	141.970	146.993	152.032	157.055	162.078	165.990	169.901	173.813	177.725
145	660.381	661.873	663.669	665.465	667.261	669.058	674.005	678.936	683.883	688.830
150	1463.494	1457.847	1449.490	1441.118	1432.762	1424.390	1420.539	1416.673	1412.822	1408.971
155	1823.755	1823.815	1823.618	1823.420	1823.207	1823.009	1823.770	1824.531	1825.277	1826.038
160	2222.784	2228.690	2236.164	2243.637	2251.096	2258.570	2266.454	2274.324	2282.208	2290.078
165	4032.900	4048.152	4079.173	4110.179	4141.201	4172.222	4193.121	4214.005	4234.904	4255.803
170	11333.596	11362.105	11399.322	11436.538	11473.755	11510.971	11549.664	11588.372	11627.065	11665.773
175	26249.279	26222.093	26149.624	26077.155	26004.686	25932.201	25883.006	25833.810	25784.615	25735.419
180	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495

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	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830
5	25658.094	25552.640	25447.186	25341.732	25236.278	25131.732	25025.547	24919.362	24813.177	24706.992
10	11673.399	11649.943	11626.502	11603.045	11579.604	11556.163	11532.722	11509.281	11485.840	11462.399
15	4264.220	4260.186	4256.153	4252.119	4248.085	4244.051	4240.017	4235.983	4231.949	4227.915
20	2290.885	2284.598	2278.327	2272.041	2265.769	2259.497	2253.225	2246.953	2240.681	2234.409
25	1824.120	1819.538	1814.957	1810.375	1805.793	1801.211	1796.629	1792.047	1787.465	1782.883
30	1404.952	1400.782	1396.626	1392.456	1388.285	1384.115	1379.945	1375.775	1371.605	1367.435
35	691.555	692.057	692.559	693.077	693.579	693.077	692.559	692.057	691.555	688.830
40	180.115	180.998	181.881	182.764	183.646	182.764	181.881	180.998	180.115	177.725
45	67.857	67.705	67.537	67.385	67.233	67.385	67.537	67.705	67.857	67.766
50	60.322	60.155	59.988	59.835	59.668	59.835	59.988	60.155	60.322	60.368
55	57.400	57.202	57.019	56.822	56.639	56.822	57.019	57.202	57.400	57.522
60	46.288	46.243	46.182	46.136	46.075	46.136	46.182	46.243	46.288	46.364
65	31.508	31.341	31.189	31.021	30.869	31.021	31.189	31.341	31.508	31.600
70	20.960	20.869	20.777	20.686	20.595	20.686	20.777	20.869	20.960	21.021
75	14.004	13.943	13.882	13.821	13.760	13.821	13.882	13.943	14.004	14.034

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-S-XX_.IES

CANDELA TABULATION - (Cont.)

80	7.961	7.930	7.915	7.869	7.854	7.869	7.915	7.930	7.961	7.961
85	1.613	1.598	1.598	1.583	1.583	1.583	1.598	1.598	1.613	1.613
90	0.670	0.639	0.639	0.609	0.609	0.609	0.639	0.639	0.670	0.670
95	1.613	1.598	1.598	1.583	1.583	1.583	1.598	1.598	1.613	1.613
100	7.961	7.930	7.915	7.869	7.854	7.869	7.915	7.930	7.961	7.961
105	14.004	13.943	13.882	13.821	13.760	13.821	13.882	13.943	14.004	14.034
110	20.960	20.869	20.777	20.686	20.595	20.686	20.777	20.869	20.960	21.021
115	31.508	31.341	31.189	31.021	30.869	31.021	31.189	31.341	31.508	31.600
120	46.288	46.243	46.182	46.136	46.075	46.136	46.182	46.243	46.288	46.364
125	57.400	57.202	57.019	56.822	56.639	56.822	57.019	57.202	57.400	57.522
130	60.322	60.155	59.988	59.835	59.668	59.835	59.988	60.155	60.322	60.368
135	67.857	67.705	67.537	67.385	67.233	67.385	67.537	67.705	67.857	67.766
140	180.115	180.998	181.881	182.764	183.646	182.764	181.881	180.998	180.115	177.725
145	691.555	692.057	692.559	693.077	693.579	693.077	692.559	692.057	691.555	688.830
150	1404.952	1400.782	1396.626	1392.456	1388.285	1392.456	1396.626	1400.782	1404.952	1408.971
155	1824.120	1819.538	1814.957	1810.375	1805.793	1810.375	1814.957	1819.538	1824.120	1826.038
160	2290.885	2284.598	2278.327	2272.041	2265.769	2272.041	2278.327	2284.598	2290.885	2290.078
165	4264.220	4260.186	4256.153	4252.119	4248.085	4252.119	4256.153	4260.186	4264.220	4255.803
170	11673.399	11649.943	11626.502	11603.045	11579.604	11603.045	11626.502	11649.943	11673.399	11665.773
175	25658.094	25552.640	25447.186	25341.732	25236.278	25341.732	25447.186	25552.640	25658.094	25735.419
180	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495

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	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830	25194.830
5	25784.615	25833.810	25883.006	25932.201	26004.671	26077.140	26149.609	26222.078	26249.279	26231.181
10	11627.065	11588.372	11549.664	11510.971	11473.755	11436.538	11399.322	11362.105	11333.596	11313.777
15	4234.904	4214.005	4193.121	4172.222	4141.201	4110.179	4079.173	4048.152	4032.900	4033.433
20	2282.208	2274.324	2266.454	2258.570	2251.096	2243.637	2236.164	2228.690	2222.784	2218.431
25	1825.277	1824.531	1823.770	1823.009	1823.207	1823.420	1823.618	1823.815	1823.755	1823.404
30	1412.822	1416.673	1420.539	1424.390	1432.762	1441.118	1449.490	1457.847	1463.494	1466.432
35	683.883	678.936	674.005	669.058	667.261	665.465	663.669	661.873	660.381	659.179
40	173.813	169.901	165.990	162.078	157.055	152.032	146.993	141.970	138.287	135.958
45	67.416	67.066	66.731	66.381	66.152	65.939	65.711	65.483	65.285	65.117
50	60.292	60.231	60.155	60.094	60.216	60.338	60.444	60.566	60.612	60.596
55	57.598	57.659	57.735	57.796	58.070	58.359	58.633	58.922	59.105	59.196
60	46.441	46.517	46.608	46.684	46.989	47.293	47.582	47.887	48.054	48.069
65	31.645	31.691	31.737	31.782	31.858	31.919	31.995	32.072	32.132	32.178
70	21.036	21.051	21.066	21.082	21.082	21.082	21.097	21.097	21.097	21.082
75	14.034	14.019	14.019	14.019	14.019	14.019	14.019	14.019	14.019	14.019
80	7.946	7.900	7.885	7.854	7.839	7.809	7.793	7.778	7.763	7.763
85	1.613	1.613	1.613	1.613	1.613	1.613	1.598	1.598	1.598	1.598
90	0.639	0.639	0.609	0.609	0.609	0.609	0.578	0.578	0.578	0.548
95	1.613	1.613	1.613	1.613	1.613	1.613	1.598	1.598	1.598	1.598
100	7.946	7.900	7.885	7.854	7.839	7.809	7.793	7.778	7.763	7.763
105	14.034	14.019	14.019	14.019	14.019	14.019	14.019	14.019	14.019	14.019
110	21.036	21.051	21.066	21.082	21.082	21.082	21.097	21.097	21.097	21.082
115	31.645	31.691	31.737	31.782	31.858	31.919	31.995	32.072	32.132	32.178
120	46.441	46.517	46.608	46.684	46.989	47.293	47.582	47.887	48.054	48.069
125	57.598	57.659	57.735	57.796	58.070	58.359	58.633	58.922	59.105	59.196
130	60.292	60.231	60.155	60.094	60.216	60.338	60.444	60.566	60.612	60.596
135	67.416	67.066	66.731	66.381	66.152	65.939	65.711	65.483	65.285	65.117
140	173.813	169.901	165.990	162.078	157.055	152.032	146.993	141.970	138.287	135.958
145	683.883	678.936	674.005	669.058	667.261	665.465	663.669	661.873	660.381	659.179
150	1412.822	1416.673	1420.539	1424.390	1432.762	1441.118	1449.490	1457.847	1463.494	1466.432

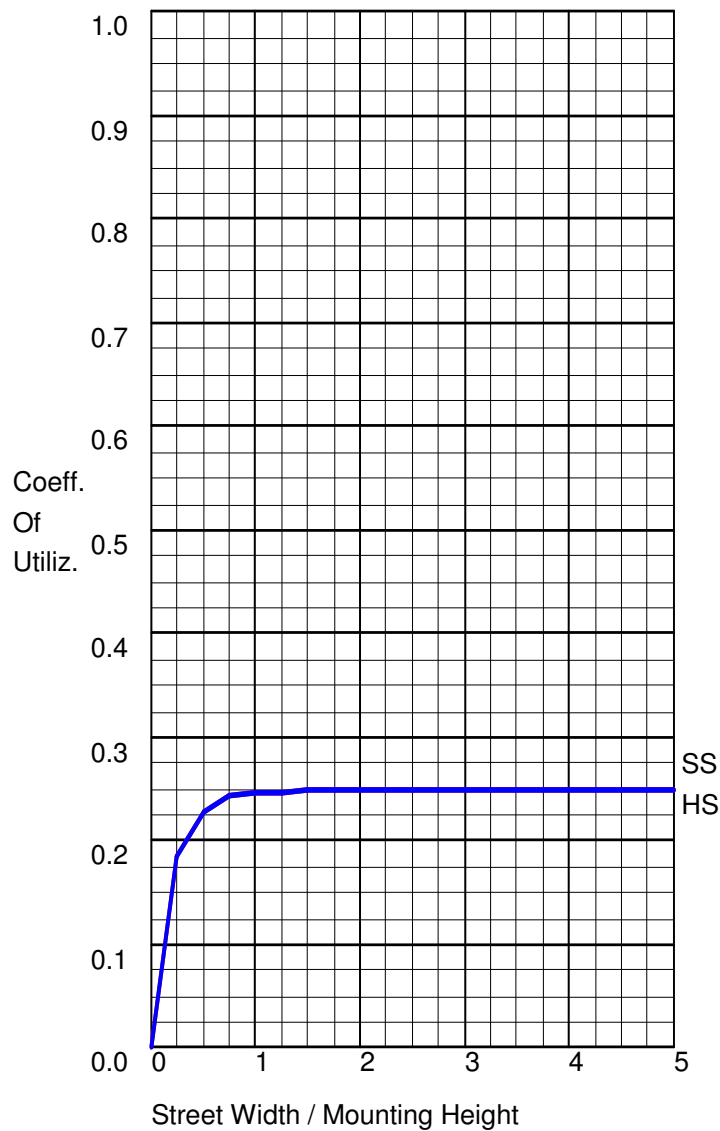
IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-S-XX_.IES****CANDELA TABULATION - (Cont.)**

155	1825.277	1824.531	1823.770	1823.009	1823.207	1823.420	1823.618	1823.815	1823.755	1823.404
160	2282.208	2274.324	2266.454	2258.570	2251.096	2243.637	2236.164	2228.690	2222.784	2218.431
165	4234.904	4214.005	4193.121	4172.222	4141.201	4110.179	4079.173	4048.152	4032.900	4033.433
170	11627.065	11588.372	11549.664	11510.971	11473.755	11436.538	11399.322	11362.105	11333.596	11313.777
175	25784.615	25833.810	25883.006	25932.201	26004.686	26077.155	26149.624	26222.093	26249.279	26231.196
180	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495	25194.495

Vert. Angles **Horizontal Angles**

	<u>350</u>	<u>355</u>	<u>360</u>
0	25194.830	25194.830	25194.830
5	26213.097	26194.999	26176.916
10	11293.944	11274.126	11254.307
15	4033.966	4034.483	4035.016
20	2214.062	2209.709	2205.356
25	1823.054	1822.704	1822.354
30	1469.369	1472.292	1475.230
35	657.976	656.774	655.571
40	133.614	131.285	128.941
45	64.935	64.767	64.584
50	60.581	60.551	60.536
55	59.272	59.364	59.455
60	48.100	48.115	48.145
65	32.239	32.285	32.346
70	21.066	21.066	21.051
75	14.004	14.004	14.004
80	7.763	7.763	7.763
85	1.583	1.583	1.583
90	0.548	0.518	0.518
95	1.583	1.583	1.583
100	7.763	7.763	7.763
105	14.004	14.004	14.004
110	21.066	21.066	21.051
115	32.239	32.285	32.346
120	48.100	48.115	48.145
125	59.272	59.364	59.455
130	60.581	60.551	60.536
135	64.935	64.767	64.584
140	133.614	131.285	128.941
145	657.976	656.774	655.571
150	1469.369	1472.292	1475.230
155	1823.054	1822.704	1822.354
160	2214.062	2209.709	2205.356
165	4033.966	4034.483	4035.016
170	11293.944	11274.126	11254.307
175	26213.097	26195.014	26176.916
180	25194.495	25194.495	25194.495

COEFFICIENTS OF UTILIZATION



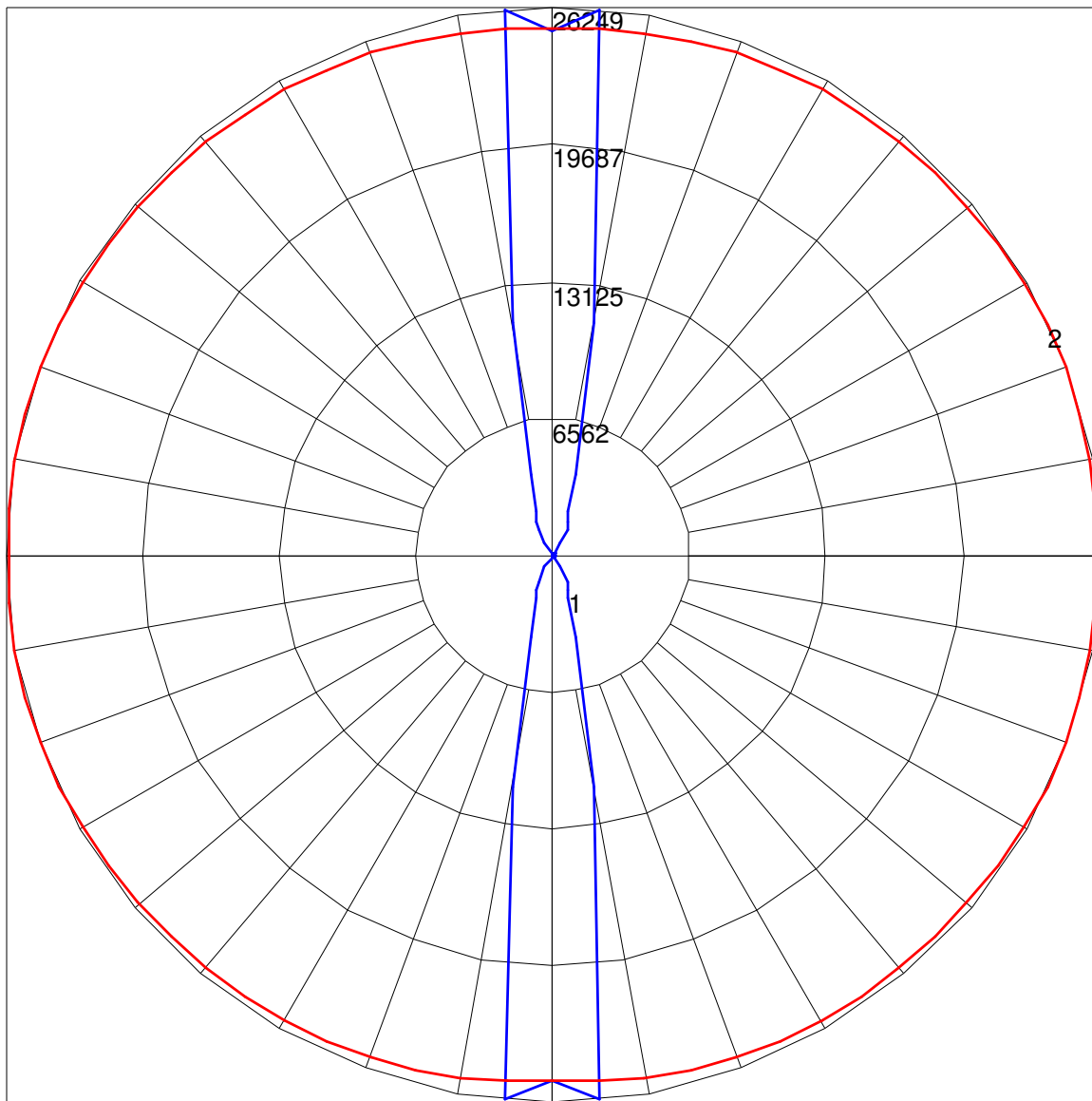
FLUX DISTRIBUTION

	Lumens	Percent Of Luminaire
Downward Street Side	2430.2	25.0
Downward House Side	2430.2	25.0
Downward Total	4860.4	50.0
Upward Street Side	2430.2	25.0
Upward House Side	2430.2	25.0
Upward Total	4860.4	50.0
Total Flux	9720.8	100.0

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L50-930U-L50-930D-XXX-DIM-UNV-S-XX_.IES

POLAR GRAPH



Maximum Candela = 26249.279 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.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

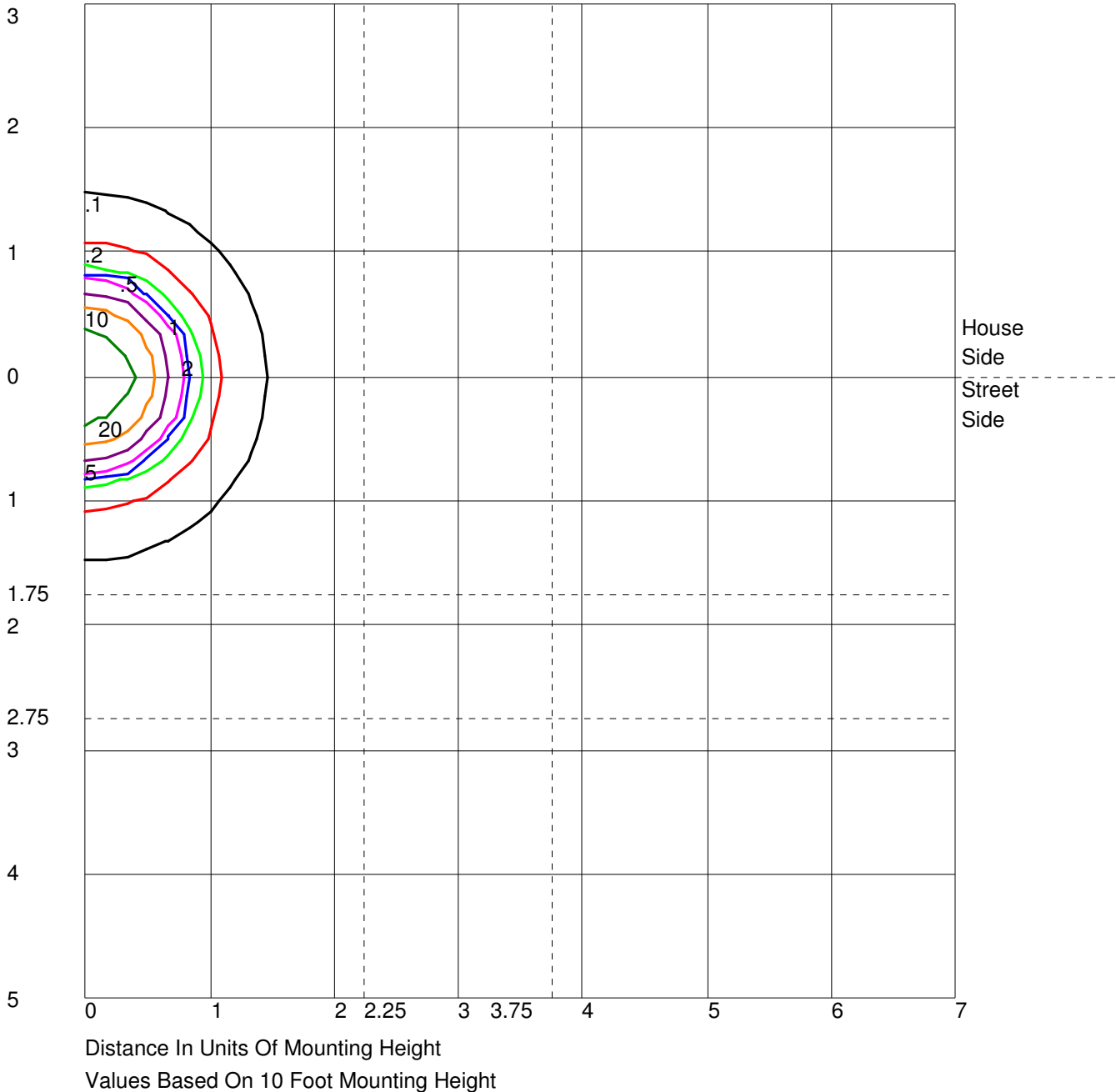


PHOTO LUMENS

