



IES INDOOR REPORT

PHOTOMETRIC FILENAME : PLX-E-14-WT40-120-277V_P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [TESTLAB] BEGHELLI
 [TESTDATE] 2016-05-09
 [ISSUEDATE] 2016-05-09 09:44:04
 [LAMPPOSITION] 0,0
 [OTHER] BEGHELLI
 [MANUFAC] BEGHELLI
 [LUMINAIRE] PLX-E-1x4-40W-4000K

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5036
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	40
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	1734.776	1734.776	1734.776	1734.776	1734.776	1734.776	1734.776	1734.776	1734.776	1734.776
1	1734.382	1734.083	1734.243	1735.118	1733.412	1734.094	1734.990	1734.211	1734.553	1735.107
2	1733.977	1734.297	1733.369	1733.636	1732.687	1732.676	1734.403	1733.497	1734.702	1734.521
3	1732.026	1732.165	1731.962	1730.981	1731.173	1731.472	1732.005	1730.448	1731.888	1731.824
4	1730.544	1730.566	1729.191	1730.054	1729.457	1728.860	1730.225	1729.244	1730.065	1730.001
5	1728.029	1728.093	1726.227	1727.357	1727.815	1726.600	1727.123	1726.856	1726.920	1727.517
6	1724.319	1724.468	1723.583	1722.699	1723.946	1723.093	1723.967	1724.436	1724.479	1724.745
7	1720.130	1721.302	1720.140	1719.692	1720.012	1718.701	1720.076	1719.245	1719.970	1720.439
8	1715.023	1716.185	1715.077	1715.173	1715.652	1714.416	1715.546	1715.077	1715.876	1716.100
9	1710.248	1712.593	1711.431	1709.864	1710.546	1709.395	1709.107	1710.120	1711.133	1710.376
10	1704.172	1705.536	1705.003	1704.278	1703.873	1702.818	1702.988	1703.468	1705.003	1705.557
11	1698.820	1700.174	1698.767	1698.341	1698.277	1697.029	1697.370	1696.262	1699.375	1699.001
12	1691.763	1692.659	1692.030	1691.849	1691.422	1689.578	1691.252	1690.228	1691.976	1691.998
13	1683.886	1685.378	1684.760	1685.314	1684.898	1682.308	1682.766	1683.150	1684.088	1684.834
14	1675.709	1677.831	1676.850	1676.274	1676.082	1674.164	1674.984	1674.110	1676.669	1676.711
15	1667.938	1669.153	1667.554	1668.866	1667.938	1665.742	1666.488	1666.094	1668.631	1667.991
16	1658.515	1660.274	1659.794	1659.112	1659.112	1656.063	1656.255	1656.489	1658.461	1658.675
17	1648.079	1650.562	1649.059	1649.901	1649.880	1645.510	1646.853	1647.546	1648.697	1649.656
18	1638.261	1640.627	1638.804	1639.220	1640.190	1636.171	1637.237	1637.525	1639.018	1639.359
19	1628.464	1630.308	1628.155	1628.677	1628.166	1625.074	1626.759	1626.130	1628.198	1627.611
20	1615.981	1618.017	1617.388	1617.346	1617.122	1613.657	1614.148	1614.585	1617.346	1617.687
21	1604.959	1606.995	1604.842	1605.396	1605.694	1602.273	1602.816	1602.102	1604.682	1604.980
22	1592.146	1594.032	1592.785	1594.118	1592.828	1589.822	1590.184	1589.545	1592.274	1593.126
23	1579.290	1581.827	1580.537	1581.454	1579.737	1576.742	1576.753	1576.443	1579.823	1580.164
24	1565.634	1567.819	1566.135	1567.873	1567.180	1562.884	1563.619	1563.225	1564.984	1566.029
25	1552.235	1554.622	1552.832	1553.929	1552.608	1548.589	1549.772	1549.101	1551.360	1552.618
26	1537.033	1539.347	1537.375	1539.080	1537.886	1533.867	1535.776	1534.240	1536.159	1538.046
27	1522.003	1524.700	1523.314	1524.348	1523.399	1519.658	1519.135	1519.455	1521.363	1522.685
28	1506.514	1508.902	1506.695	1509.818	1506.706	1503.358	1503.678	1503.550	1505.565	1506.823
29	1490.876	1492.933	1491.281	1492.954	1491.568	1487.155	1486.942	1486.740	1489.053	1490.929
30	1474.662	1476.143	1473.958	1476.314	1475.877	1470.792	1472.306	1470.750	1472.402	1474.065
31	1456.860	1459.429	1457.691	1459.418	1457.712	1453.630	1453.757	1453.470	1455.516	1456.689
32	1439.761	1441.754	1439.729	1441.658	1440.688	1436.211	1435.955	1435.657	1437.320	1439.740
33	1420.999	1423.739	1422.044	1424.155	1422.161	1417.609	1418.025	1417.513	1419.550	1421.522
34	1403.474	1404.753	1403.560	1406.288	1403.730	1399.999	1399.850	1398.869	1401.310	1403.069
35	1383.828	1386.845	1385.651	1387.196	1385.406	1380.982	1380.779	1380.587	1382.570	1383.892
36	1364.150	1367.198	1364.906	1367.689	1365.759	1361.548	1361.335	1360.984	1362.455	1364.992
37	1344.727	1346.656	1345.580	1348.202	1346.113	1341.401	1340.783	1340.516	1342.520	1345.335
38	1324.622	1327.213	1324.494	1328.033	1326.221	1322.000	1320.881	1320.390	1322.266	1324.164
39	1303.739	1306.106	1304.379	1307.182	1305.264	1300.648	1300.317	1299.070	1301.351	1304.006
40	1282.398	1284.711	1283.219	1285.319	1283.517	1279.690	1277.953	1278.081	1279.445	1282.036
41	1261.846	1263.349	1262.315	1264.233	1262.442	1258.381	1256.014	1256.345	1258.882	1260.673
42	1239.438	1241.336	1239.747	1242.871	1240.408	1236.240	1234.023	1234.577	1235.963	1238.831
43	1216.317	1218.331	1217.265	1219.579	1217.638	1213.470	1212.170	1212.340	1213.748	1216.391
44	1194.464	1195.519	1194.453	1197.651	1194.837	1191.426	1189.635	1188.558	1190.871	1193.504
45	1170.564	1172.696	1171.555	1173.666	1172.461	1167.185	1166.012	1165.756	1167.728	1169.434
46	1146.526	1148.754	1148.508	1150.736	1148.412	1144.692	1142.571	1142.336	1144.426	1146.259
47	1122.956	1124.683	1124.108	1126.709	1124.545	1119.961	1119.065	1117.712	1120.004	1121.134
48	1098.097	1100.027	1099.771	1102.436	1099.750	1095.987	1094.004	1093.375	1095.923	1097.841
49	1073.643	1075.637	1074.912	1077.449	1075.285	1071.063	1069.752	1068.303	1070.893	1072.247
50	1049.179	1050.415	1050.308	1052.910	1050.255	1045.757	1043.827	1043.433	1045.543	1047.164
51	1022.934	1024.245	1024.863	1027.134	1024.096	1020.770	1019.000	1017.582	1019.991	1021.153
52	996.763	998.703	998.757	1001.187	998.821	995.292	993.341	991.455	993.864	995.132
53	970.849	972.736	973.109	974.804	972.768	968.525	966.862	965.625	967.747	969.165

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CANDELA TABULATION - (Cont.)

54	944.284	946.331	946.853	948.591	945.958	942.088	940.436	939.007	941.544	942.323
55	917.602	919.468	919.755	922.069	919.478	915.150	912.912	912.261	914.436	915.417
56	890.558	892.103	893.201	894.864	892.071	888.021	886.454	885.057	887.552	888.362
57	863.119	864.057	865.688	868.054	864.931	860.827	858.738	857.650	860.059	860.091
58	834.870	836.842	837.567	839.454	837.588	833.601	831.821	829.870	832.301	833.303
59	806.738	808.348	809.830	812.249	809.510	805.629	803.540	802.144	804.116	805.438
60	778.809	780.163	782.295	784.064	781.890	777.604	775.568	774.310	775.867	777.114
61	749.782	751.306	753.491	756.018	753.459	750.730	747.319	745.838	747.756	748.172
62	721.607	722.663	724.933	727.684	725.168	722.503	718.782	717.056	719.411	720.126
63	692.900	694.531	695.885	698.912	696.215	692.516	690.587	688.529	690.352	690.267
64	663.766	665.205	667.220	670.503	667.956	664.065	662.178	659.705	661.741	662.018
65	635.038	635.890	638.257	641.188	639.451	634.920	633.140	630.816	632.266	633.311
66	605.957	606.565	609.294	612.747	610.264	606.725	604.092	601.267	603.111	603.676
67	577.442	576.951	580.128	584.104	582.068	577.761	575.075	572.932	573.924	574.361
68	547.807	547.743	550.855	554.586	552.561	548.851	546.218	543.170	544.630	544.801
69	518.662	518.822	521.722	525.687	523.577	519.504	517.266	513.780	515.219	515.251
70	489.806	489.859	492.886	496.671	494.539	491.511	488.772	485.478	486.224	485.851
71	460.469	460.448	463.966	467.846	466.450	462.132	459.670	456.291	457.261	456.856
72	431.719	431.996	435.354	438.606	437.039	433.979	430.824	427.594	428.255	427.839
73	402.809	403.055	406.743	409.770	409.003	405.442	402.010	398.417	399.206	399.046
74	374.059	375.093	378.377	381.340	380.850	377.609	373.708	370.424	370.957	370.851
75	345.864	347.111	350.053	353.059	352.366	349.605	345.682	342.261	342.527	342.506
76	318.457	319.235	322.380	324.586	324.885	322.390	317.934	314.598	315.046	315.014
77	290.922	292.255	294.888	296.551	297.894	295.303	290.794	287.468	287.852	287.372
78	263.483	264.933	267.758	269.719	270.284	268.387	263.846	260.296	260.456	260.275
79	237.238	238.549	241.140	243.091	244.626	242.472	237.867	234.509	234.573	233.912
80	210.695	212.315	214.991	216.984	218.274	216.355	211.910	208.797	208.350	207.678
81	185.186	186.593	189.364	191.656	193.404	191.304	186.582	183.501	182.787	182.521
82	160.476	161.872	164.249	166.339	167.948	166.264	162.405	158.461	157.811	157.256
83	136.075	137.525	139.817	142.418	144.614	142.236	138.409	134.423	133.687	133.111
84	112.676	113.625	116.407	118.966	121.087	118.934	114.861	111.301	110.459	109.372
85	89.629	90.962	93.968	95.897	97.901	95.471	91.847	88.627	87.487	86.506
86	68.171	69.162	71.763	73.064	74.940	73.064	70.153	67.307	66.305	65.324
87	47.202	48.482	49.686	50.731	52.906	50.411	47.778	46.328	45.081	44.154
88	27.354	28.697	28.942	29.592	29.603	28.611	26.735	25.957	25.445	24.582
89	9.679	9.967	9.232	6.982	6.321	5.746	6.311	7.462	8.112	6.833
90	0.373	0.416	0.053	0.021	0.000	0.000	0.000	0.000	0.405	0.117
91	0.181	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.405	0.117
92	0.117	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.405	0.117
93	0.064	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.458	0.117
94	0.053	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.576	0.235
95	0.053	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.746	0.235
96	0.053	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.810	0.235
97	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.927	0.352
98	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.927	0.405
99	0.117	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.927	0.405
100	0.171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.927	0.405
101	0.394	0.000	0.000	0.000	0.000	0.000	0.000	0.053	0.927	0.405
102	0.405	0.000	0.000	0.000	0.000	0.000	0.000	0.053	0.981	0.405
103	0.405	0.000	0.000	0.000	0.000	0.000	0.000	0.053	0.810	0.405
104	0.458	0.000	0.000	0.000	0.000	0.000	0.000	0.053	0.746	0.405
105	0.458	0.053	0.000	0.000	0.000	0.000	0.000	0.117	0.693	0.405
106	0.458	0.117	0.000	0.000	0.000	0.000	0.000	0.341	0.746	0.405
107	0.458	0.235	0.000	0.000	0.000	0.000	0.000	0.288	0.640	0.405
108	0.458	0.341	0.000	0.000	0.000	0.000	0.000	0.288	0.576	0.405
109	0.458	0.458	0.000	0.000	0.053	0.000	0.000	0.288	0.458	0.405

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110	0.458	0.458	0.000	0.000	0.000	0.000	0.000	0.288	0.458	0.405
111	0.458	0.458	0.000	0.000	0.000	0.000	0.000	0.288	0.458	0.405
112	0.522	0.576	0.000	0.000	0.000	0.000	0.053	0.341	0.405	0.405
113	0.522	0.522	0.000	0.000	0.000	0.117	0.064	0.171	0.458	0.405
114	0.522	0.522	0.000	0.000	0.000	0.117	0.171	0.117	0.288	0.405
115	0.522	0.522	0.000	0.000	0.000	0.117	0.117	0.117	0.171	0.352
116	0.576	0.576	0.171	0.000	0.053	0.117	0.235	0.117	0.053	0.352
117	0.458	0.405	0.171	0.000	0.000	0.117	0.235	0.235	0.000	0.405
118	0.288	0.352	0.341	0.000	0.117	0.117	0.288	0.235	0.000	0.405
119	0.235	0.352	0.405	0.000	0.117	0.117	0.288	0.341	0.000	0.522
120	0.171	0.576	0.405	0.000	0.117	0.117	0.288	0.341	0.000	0.522
121	0.117	0.640	0.458	0.000	0.171	0.117	0.288	0.405	0.000	0.640
122	0.117	0.576	0.405	0.053	0.171	0.117	0.288	0.576	0.000	0.693
123	0.117	0.576	0.458	0.117	0.181	0.171	0.288	0.640	0.000	0.874
124	0.117	0.640	0.458	0.235	0.288	0.171	0.288	0.917	0.000	1.098
125	0.117	0.746	0.458	0.341	0.235	0.171	0.288	1.034	0.000	1.098
126	0.117	0.863	0.458	0.352	0.288	0.235	0.288	0.981	0.000	1.098
127	0.117	0.810	0.458	0.405	0.352	0.235	0.288	0.981	0.000	1.162
128	0.117	0.810	0.458	0.458	0.288	0.235	0.288	0.981	0.053	1.162
129	0.117	0.810	0.458	0.458	0.288	0.235	0.288	0.981	0.053	1.269
130	0.117	0.810	0.458	0.458	0.298	0.235	0.405	0.981	0.053	1.269
131	0.117	0.863	0.458	0.458	0.458	0.235	0.405	1.034	0.053	1.332
132	0.117	0.863	0.458	0.458	0.405	0.288	0.522	1.034	0.053	1.332
133	0.117	0.927	0.458	0.458	0.405	0.288	0.458	1.034	0.117	1.332
134	0.117	0.863	0.458	0.458	0.405	0.352	0.458	1.034	0.117	1.332
135	0.117	0.863	0.458	0.458	0.405	0.352	0.458	1.205	0.171	1.332
136	0.117	0.863	0.458	0.458	0.405	0.352	0.458	1.205	0.171	1.332
137	0.117	0.863	0.458	0.458	0.405	0.405	0.458	1.205	0.171	1.332
138	0.117	0.863	0.458	0.458	0.405	0.405	0.458	1.269	0.171	1.332
139	0.117	0.863	0.458	0.458	0.405	0.576	0.458	1.269	0.171	1.332
140	0.117	0.863	0.458	0.458	0.522	0.640	0.522	1.375	0.288	1.332
141	0.117	0.863	0.458	0.458	0.522	0.576	0.522	1.375	0.288	1.332
142	0.117	0.863	0.458	0.458	0.576	0.576	0.576	1.375	0.352	1.332
143	0.117	0.863	0.458	0.458	0.693	0.576	0.576	1.439	0.405	1.332
144	0.117	0.863	0.458	0.576	0.640	0.576	0.576	1.492	0.405	1.332
145	0.171	0.981	0.458	0.522	0.640	0.576	0.693	1.492	0.352	1.332
146	0.117	1.045	0.458	0.522	0.640	0.576	0.746	1.546	0.522	1.332
147	0.224	1.151	0.458	0.522	0.640	0.576	0.810	1.492	0.458	1.269
148	0.171	1.162	0.576	0.522	0.640	0.576	0.863	1.610	0.576	1.269
149	0.171	1.215	0.522	0.522	0.640	0.576	0.927	1.556	0.693	1.269
150	0.171	1.162	0.576	0.522	0.640	0.576	0.863	1.556	0.640	1.269
151	0.171	1.322	0.799	0.522	0.640	0.576	0.863	1.556	0.640	1.269
152	0.235	1.279	0.863	0.522	0.640	0.576	0.863	1.546	0.693	1.215
153	0.288	1.386	0.863	0.522	0.640	0.576	0.863	1.492	0.693	1.151
154	0.405	1.332	0.927	0.522	0.640	0.576	0.927	1.492	0.693	1.098
155	0.352	1.332	1.151	0.522	0.640	0.576	0.863	1.492	0.693	0.863
156	0.405	1.386	1.098	0.522	0.640	0.640	0.981	1.492	0.810	0.810
157	0.405	1.386	1.098	0.522	0.640	0.640	0.927	1.439	0.757	0.757
158	0.405	1.503	1.215	0.522	0.640	0.640	0.927	1.439	1.045	0.757
159	0.405	1.503	1.332	0.522	0.640	0.693	0.927	1.439	1.151	0.757
160	0.405	1.386	1.332	0.522	0.640	0.693	0.927	1.322	1.269	0.757
161	0.405	1.450	1.332	0.522	0.693	0.746	0.927	1.151	1.269	0.757
162	0.405	1.332	1.332	0.522	0.693	0.693	0.927	1.087	1.322	0.757
163	0.405	1.332	1.386	0.576	0.693	0.693	0.927	1.087	1.332	0.757
164	0.458	1.386	1.450	0.576	0.757	0.693	0.927	1.087	1.439	0.757
165	0.458	1.450	1.503	0.576	0.757	0.757	0.927	1.087	1.386	0.757

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CANDELA TABULATION - (Cont.)

166	0.522	1.450	1.386	0.576	0.757	0.810	0.981	1.098	1.386	0.757
167	0.458	1.450	1.386	0.576	0.810	0.863	1.045	1.492	1.386	0.757
168	0.458	1.450	1.450	0.576	0.874	0.810	1.098	1.610	1.386	0.757
169	0.522	1.450	1.556	0.746	0.874	0.810	1.034	1.663	1.386	0.757
170	0.522	1.450	1.674	0.693	0.927	0.810	1.034	1.610	1.322	0.757
171	0.522	1.450	1.674	0.693	0.927	0.810	1.034	1.610	1.322	0.810
172	0.576	1.450	1.855	0.863	0.927	0.810	1.034	1.663	1.332	0.693
173	0.576	1.450	1.855	0.863	0.927	0.810	1.034	1.610	1.386	0.640
174	0.576	1.450	1.855	0.863	0.927	0.810	1.034	1.610	1.269	0.640
175	0.693	1.450	1.855	0.927	0.874	0.810	0.981	1.556	1.322	0.640
176	0.640	1.450	1.855	0.927	0.874	0.863	0.981	1.556	1.034	0.640
177	0.640	1.450	1.855	1.045	0.874	0.757	0.981	1.556	1.034	0.640
178	0.640	1.279	1.855	0.981	0.874	0.810	0.981	1.556	1.034	0.640
179	0.640	1.269	1.855	0.981	0.874	0.757	0.981	1.556	1.045	0.640
180	0.629	0.629	0.629	0.629	0.629	0.629	0.629	0.629	0.629	0.629

Vert. Angles **Horizontal Angles**

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	1734.776	1734.776	1734.776	1734.776	1734.776	1734.776	1734.776
1	1733.423	1734.595	1733.721	1733.881	1735.277	1735.181	1734.382
2	1733.263	1733.241	1732.612	1733.177	1734.883	1733.529	1733.977
3	1731.472	1732.175	1732.602	1730.758	1732.804	1731.237	1732.026
4	1729.905	1730.448	1730.374	1729.830	1731.504	1730.491	1730.544
5	1726.462	1727.165	1726.494	1727.133	1729.095	1727.304	1728.029
6	1723.573	1724.500	1724.148	1722.645	1725.364	1723.925	1724.319
7	1719.319	1719.394	1720.247	1719.543	1721.473	1720.055	1720.130
8	1714.288	1715.311	1715.663	1715.887	1716.740	1715.503	1715.023
9	1710.312	1710.941	1710.173	1710.962	1713.062	1711.847	1710.248
10	1704.630	1705.024	1704.907	1704.854	1706.026	1704.768	1704.172
11	1698.372	1699.140	1698.959	1699.673	1701.037	1698.927	1698.820
12	1691.603	1691.635	1691.849	1692.382	1694.663	1692.147	1691.763
13	1684.077	1684.024	1684.792	1684.653	1687.329	1684.930	1683.886
14	1674.867	1676.242	1676.413	1677.756	1678.715	1675.645	1675.709
15	1668.439	1668.684	1667.821	1668.706	1670.081	1667.096	1667.938
16	1657.545	1659.549	1659.591	1659.410	1661.297	1658.771	1658.515
17	1648.729	1649.262	1650.733	1650.520	1651.298	1649.102	1648.079
18	1638.154	1638.986	1639.785	1639.774	1641.725	1638.826	1638.261
19	1627.025	1628.592	1629.051	1629.914	1630.180	1627.537	1628.464
20	1615.843	1616.610	1616.781	1617.431	1618.007	1616.855	1615.981
21	1604.671	1604.660	1606.046	1606.441	1608.690	1604.767	1604.959
22	1590.962	1592.711	1593.340	1593.435	1595.503	1591.804	1592.146
23	1578.565	1580.238	1580.377	1581.027	1581.656	1579.172	1579.290
24	1565.112	1566.380	1567.830	1567.937	1568.203	1565.453	1565.634
25	1550.710	1552.480	1553.055	1553.354	1555.294	1550.902	1552.235
26	1536.596	1537.726	1538.696	1538.814	1539.347	1537.119	1537.033
27	1521.576	1522.429	1522.952	1525.073	1524.870	1521.502	1522.003
28	1505.512	1507.772	1507.409	1507.644	1509.659	1506.503	1506.514
29	1489.810	1492.112	1492.517	1493.381	1493.978	1490.439	1490.876
30	1473.169	1474.011	1474.651	1475.674	1476.890	1473.948	1474.662
31	1456.721	1457.030	1458.277	1458.832	1459.898	1456.806	1456.860
32	1438.247	1439.995	1439.388	1441.936	1442.181	1439.271	1439.761
33	1420.456	1421.767	1422.470	1423.046	1425.018	1421.127	1420.999
34	1401.374	1403.410	1404.135	1404.860	1405.873	1402.973	1403.474
35	1382.975	1384.158	1385.203	1385.939	1386.408	1383.604	1383.828
36	1363.137	1364.715	1365.791	1366.058	1367.209	1364.352	1364.150

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CANDELA TABULATION - (Cont.)

37	1343.203	1344.663	1345.516	1346.795	1347.957	1344.898	1344.727
38	1323.172	1324.292	1325.230	1325.933	1327.106	1324.409	1324.622
39	1302.332	1304.613	1303.889	1305.210	1305.882	1303.324	1303.739
40	1281.417	1284.892	1282.760	1283.976	1284.647	1281.716	1282.398
41	1259.639	1262.165	1260.780	1262.283	1262.848	1257.422	1261.846
42	1237.168	1238.713	1239.204	1240.131	1240.483	1238.649	1239.438
43	1215.219	1216.317	1216.711	1217.852	1218.033	1216.775	1216.317
44	1191.980	1193.494	1193.494	1194.229	1194.773	1193.174	1194.464
45	1168.357	1170.447	1169.818	1171.918	1171.800	1170.159	1170.564
46	1145.225	1146.355	1146.078	1147.304	1148.210	1145.801	1146.526
47	1120.782	1122.136	1121.762	1122.786	1124.363	1122.370	1122.956
48	1096.669	1097.852	1097.543	1098.630	1099.472	1097.841	1098.097
49	1071.394	1072.705	1072.172	1074.517	1073.068	1072.225	1073.643
50	1046.087	1047.825	1047.057	1048.997	1049.083	1046.364	1049.179
51	1021.377	1022.433	1021.143	1023.136	1022.667	1021.036	1022.934
52	995.047	996.060	995.399	996.657	996.774	994.962	996.763
53	968.898	970.636	968.674	970.849	970.923	969.495	970.849
54	942.109	943.538	942.259	943.815	943.932	942.419	944.284
55	915.630	916.664	915.715	916.643	916.888	915.715	917.602
56	888.223	889.268	888.735	889.492	889.833	888.820	890.558
57	860.166	861.829	860.966	861.499	862.138	860.966	863.119
58	832.727	834.582	832.717	833.676	834.252	832.951	834.870
59	804.468	805.779	805.320	805.896	806.003	804.830	806.738
60	776.965	778.329	777.210	777.455	777.903	776.261	778.809
61	747.799	749.782	749.004	748.204	749.153	747.458	749.782
62	719.731	721.160	720.040	719.976	721.128	719.657	721.607
63	691.184	691.674	691.514	690.768	691.599	690.182	692.900
64	661.805	663.510	662.434	662.252	662.476	661.645	663.766
65	632.575	634.131	633.822	633.119	633.620	632.085	635.038
66	604.209	604.315	604.401	603.729	604.454	603.143	605.957
67	575.139	576.173	575.288	574.681	574.766	574.073	577.442
68	546.037	546.197	546.048	545.110	545.621	544.555	547.807
69	516.712	517.276	517.085	516.456	516.104	515.528	518.662
70	487.748	488.622	487.599	487.514	487.055	486.032	489.806
71	459.265	458.902	459.062	458.082	457.538	457.463	460.469
72	429.875	430.653	430.451	430.152	428.745	428.244	431.719
73	401.008	401.146	401.306	401.232	399.910	399.729	402.809
74	372.460	373.271	372.993	372.940	371.171	370.925	374.059
75	343.796	344.958	344.990	344.958	343.092	342.644	345.864
76	315.653	316.879	317.018	317.284	315.547	315.397	318.457
77	288.161	288.982	289.366	289.803	288.108	287.468	290.922
78	261.074	261.991	261.543	262.758	261.543	260.946	263.483
79	234.467	236.449	234.648	236.428	234.904	234.296	237.238
80	208.552	210.087	207.721	210.450	209.298	208.030	210.695
81	182.926	184.983	182.457	184.802	183.885	182.947	185.186
82	158.205	160.156	157.331	160.358	159.292	158.216	160.476
83	134.060	136.054	133.708	136.118	135.233	134.263	136.075
84	110.704	112.911	110.555	112.889	111.685	110.576	112.676
85	87.753	89.277	87.508	89.949	88.862	88.243	89.629
86	65.868	67.201	65.474	67.126	67.126	66.806	68.171
87	43.887	44.591	43.866	45.326	45.241	45.934	47.202
88	22.930	23.889	23.271	24.134	24.518	25.925	27.354
89	5.927	5.138	3.571	4.093	5.778	7.590	9.679
90	0.000	0.000	0.011	0.011	0.011	0.139	0.373
91	0.000	0.000	0.000	0.000	0.000	0.000	0.181
92	0.000	0.000	0.000	0.000	0.000	0.000	0.117

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CANDELA TABULATION - (Cont.)

93	0.000	0.000	0.000	0.000	0.000	0.000	0.064
94	0.000	0.000	0.000	0.000	0.000	0.000	0.053
95	0.000	0.000	0.000	0.000	0.000	0.000	0.053
96	0.000	0.000	0.000	0.000	0.000	0.000	0.053
97	0.000	0.000	0.000	0.000	0.000	0.000	0.117
98	0.000	0.000	0.000	0.000	0.000	0.000	0.117
99	0.000	0.000	0.000	0.000	0.000	0.000	0.117
100	0.000	0.000	0.000	0.000	0.000	0.000	0.171
101	0.000	0.000	0.000	0.000	0.000	0.000	0.394
102	0.000	0.000	0.000	0.000	0.000	0.000	0.405
103	0.000	0.000	0.000	0.000	0.000	0.000	0.405
104	0.000	0.000	0.000	0.000	0.000	0.000	0.458
105	0.053	0.000	0.000	0.000	0.000	0.000	0.458
106	0.117	0.000	0.000	0.000	0.000	0.171	0.458
107	0.117	0.000	0.000	0.000	0.000	0.235	0.458
108	0.171	0.000	0.000	0.000	0.000	0.288	0.458
109	0.181	0.000	0.000	0.000	0.000	0.341	0.458
110	0.288	0.000	0.000	0.000	0.000	0.405	0.458
111	0.235	0.000	0.000	0.000	0.000	0.405	0.458
112	0.235	0.053	0.000	0.000	0.000	0.405	0.522
113	0.235	0.000	0.000	0.000	0.053	0.512	0.522
114	0.288	0.053	0.000	0.000	0.053	0.458	0.522
115	0.352	0.053	0.000	0.000	0.171	0.512	0.522
116	0.458	0.053	0.000	0.000	0.341	0.458	0.576
117	0.458	0.053	0.000	0.000	0.405	0.405	0.458
118	0.458	0.171	0.000	0.000	0.405	0.405	0.288
119	0.458	0.117	0.000	0.000	0.458	0.341	0.235
120	0.458	0.117	0.000	0.000	0.522	0.458	0.171
121	0.458	0.117	0.000	0.171	0.522	0.458	0.117
122	0.458	0.117	0.000	0.235	0.522	0.458	0.117
123	0.458	0.171	0.000	0.235	0.522	0.512	0.117
124	0.458	0.235	0.224	0.405	0.522	0.629	0.117
125	0.469	0.235	0.341	0.352	0.522	0.746	0.117
126	0.693	0.288	0.288	0.352	0.522	0.746	0.117
127	0.640	0.288	0.458	0.352	0.522	0.799	0.117
128	0.640	0.288	0.576	0.352	0.522	0.863	0.117
129	0.640	0.352	0.576	0.352	0.522	0.863	0.117
130	0.693	0.352	0.576	0.352	0.522	0.863	0.117
131	0.693	0.405	0.405	0.352	0.522	0.863	0.117
132	0.693	0.352	0.405	0.512	0.522	0.863	0.117
133	0.693	0.458	0.405	0.469	0.522	0.863	0.117
134	0.693	0.458	0.522	0.458	0.522	0.863	0.117
135	0.693	0.522	0.469	0.458	0.522	0.863	0.117
136	0.693	0.640	0.469	0.458	0.522	0.863	0.117
137	0.640	0.576	0.469	0.458	0.522	0.863	0.117
138	0.640	0.640	0.469	0.458	0.522	0.863	0.117
139	0.640	0.693	0.469	0.458	0.522	0.863	0.117
140	0.640	0.693	0.469	0.458	0.522	0.863	0.117
141	0.640	0.863	0.469	0.522	0.522	0.863	0.117
142	0.810	0.863	0.469	0.522	0.522	0.863	0.117
143	0.810	0.810	0.469	0.522	0.522	0.863	0.117
144	0.810	0.927	0.469	0.522	0.522	0.863	0.117
145	1.045	0.863	0.469	0.522	0.522	0.863	0.171
146	1.045	0.863	0.522	0.522	0.522	0.863	0.117
147	1.332	0.927	0.522	0.522	0.522	0.917	0.224
148	1.450	0.981	0.576	0.522	0.576	1.034	0.171

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CANDELA TABULATION - (Cont.)

149	1.620	1.045	0.522	0.522	0.629	1.087	0.171
150	1.567	0.981	0.522	0.522	0.693	1.087	0.171
151	1.567	0.981	0.522	0.522	0.863	1.087	0.171
152	1.620	0.981	0.522	0.522	1.034	1.087	0.235
153	1.567	0.981	0.522	0.522	1.098	1.087	0.288
154	1.503	1.045	0.522	0.522	1.269	1.205	0.405
155	1.503	1.045	0.522	0.522	1.322	1.151	0.352
156	1.503	1.162	0.522	0.522	1.322	1.151	0.405
157	1.503	1.269	0.522	0.522	1.322	1.205	0.405
158	1.450	1.269	0.522	0.522	1.439	1.269	0.405
159	1.450	1.279	0.522	0.522	1.386	1.205	0.405
160	1.450	1.386	0.522	0.522	1.386	1.205	0.405
161	1.450	1.450	0.522	0.522	1.386	1.205	0.405
162	1.450	1.503	0.522	0.522	1.386	1.258	0.405
163	1.450	1.503	0.522	0.522	1.386	1.269	0.405
164	1.450	1.567	0.522	0.522	1.439	1.269	0.458
165	1.450	1.620	0.576	0.576	1.439	1.269	0.458
166	1.450	1.791	0.576	0.640	1.439	1.322	0.522
167	1.450	1.972	0.640	0.640	1.503	1.322	0.458
168	1.450	1.908	0.640	0.576	1.503	1.439	0.458
169	1.450	1.908	0.640	0.693	1.610	1.375	0.522
170	1.450	1.908	0.640	0.810	1.556	1.375	0.522
171	1.386	1.855	0.693	0.810	1.556	1.375	0.522
172	1.386	1.855	0.693	0.810	1.556	1.439	0.576
173	1.332	1.855	0.693	0.981	1.556	1.375	0.576
174	1.386	1.855	0.693	0.927	1.556	1.322	0.576
175	1.332	1.855	0.810	1.045	1.556	1.269	0.693
176	1.215	1.855	0.757	0.981	1.556	1.205	0.640
177	1.215	1.855	0.757	0.981	1.556	1.269	0.640
178	1.162	1.855	0.757	0.981	1.556	1.205	0.640
179	1.162	1.855	0.757	0.981	1.556	1.098	0.640
180	0.629	0.629	0.629	0.629	0.629	0.629	0.629

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	634.92	N.A.	12.60
0-30	1350.21	N.A.	26.80
0-40	2215.91	N.A.	44.00
0-60	3936.83	N.A.	78.20
0-80	4930.91	N.A.	97.90
0-90	5033.44	N.A.	99.90
10-90	4869.28	N.A.	96.70
20-40	1580.99	N.A.	31.40
20-50	2483.14	N.A.	49.30
40-70	2348.57	N.A.	46.60
60-80	994.08	N.A.	19.70
70-80	366.44	N.A.	7.30
80-90	102.53	N.A.	2.00
90-110	0.21	N.A.	0.00
90-120	0.41	N.A.	0.00
90-130	0.78	N.A.	0.00
90-150	1.69	N.A.	0.00
90-180	2.52	N.A.	0.10
110-180	2.31	N.A.	0.00
0-180	5035.96	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	164.16
10-20	470.76
20-30	715.29
30-40	865.70
40-50	902.15
50-60	818.77
60-70	627.65
70-80	366.44
80-90	102.53
90-100	0.08
100-110	0.14
110-120	0.20
120-130	0.37
130-140	0.45
140-150	0.46
150-160	0.42
160-170	0.30
170-180	0.11

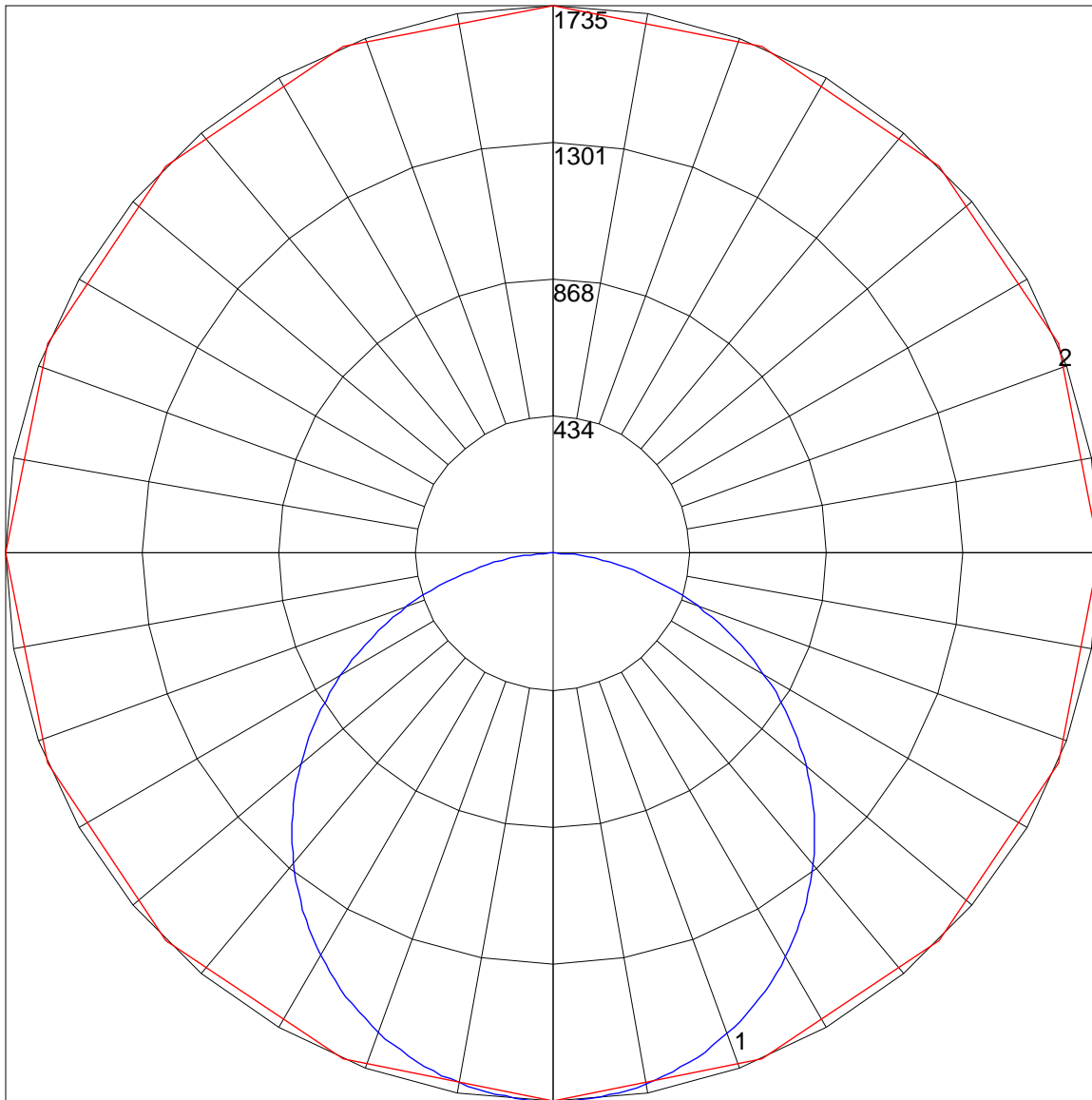
IES INDOOR REPORT
PHOTOMETRIC FILENAME : PLX-E-14-WT40-120-277V_P.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	97	94	97	94	91	93	91	88	90	87	85	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49
5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

POLAR GRAPH



Maximum Candela = 1735.277 Located At Horizontal Angle = 315, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (315 - 135) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)