



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : PLX-E-1X4-WT50-120-277V\_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-5000K

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5097
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
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	1755.932	1755.932	1755.932	1755.932	1755.932	1755.932	1755.932	1755.932	1755.932	1755.932
1	1755.533	1755.231	1755.393	1756.278	1754.551	1755.242	1756.148	1755.360	1755.706	1756.267
2	1755.123	1755.447	1754.508	1754.778	1753.817	1753.807	1755.555	1754.637	1755.857	1755.673
3	1753.148	1753.289	1753.084	1752.091	1752.285	1752.587	1753.127	1751.551	1753.008	1752.943
4	1751.649	1751.670	1750.278	1751.152	1750.548	1749.944	1751.325	1750.332	1751.163	1751.098
5	1749.102	1749.167	1747.279	1748.422	1748.886	1747.656	1748.185	1747.915	1747.980	1748.584
6	1745.347	1745.498	1744.603	1743.707	1744.970	1744.106	1744.991	1745.466	1745.509	1745.779
7	1741.107	1742.294	1741.118	1740.664	1740.988	1739.661	1741.053	1740.211	1740.945	1741.420
8	1735.938	1737.114	1735.992	1736.089	1736.575	1735.323	1736.467	1735.992	1736.802	1737.028
9	1731.104	1733.478	1732.302	1730.716	1731.407	1730.241	1729.950	1730.975	1732.000	1731.234
10	1724.954	1726.335	1725.796	1725.062	1724.652	1723.584	1723.756	1724.242	1725.796	1726.357
11	1719.538	1720.908	1719.484	1719.052	1718.987	1717.725	1718.070	1716.948	1720.099	1719.721
12	1712.395	1713.301	1712.664	1712.481	1712.049	1710.183	1711.877	1710.841	1712.610	1712.632
13	1704.421	1705.931	1705.306	1705.867	1705.446	1702.824	1703.288	1703.676	1704.626	1705.381
14	1696.145	1698.292	1697.299	1696.717	1696.522	1694.580	1695.411	1694.526	1697.116	1697.159
15	1688.279	1689.509	1687.890	1689.218	1688.279	1686.056	1686.811	1686.412	1688.980	1688.333
16	1678.741	1680.521	1680.035	1679.345	1679.345	1676.259	1676.453	1676.690	1678.687	1678.902
17	1668.177	1670.691	1669.170	1670.022	1670.001	1665.577	1666.936	1667.638	1668.803	1669.774
18	1658.240	1660.635	1658.790	1659.211	1660.193	1656.125	1657.204	1657.495	1659.006	1659.351
19	1648.324	1650.190	1648.011	1648.539	1648.021	1644.892	1646.597	1645.961	1648.054	1647.460
20	1635.688	1637.749	1637.113	1637.070	1636.843	1633.336	1633.833	1634.275	1637.070	1637.415
21	1624.532	1626.592	1624.413	1624.974	1625.276	1621.813	1622.363	1621.640	1624.251	1624.553
22	1611.562	1613.472	1612.209	1613.558	1612.253	1609.210	1609.577	1608.929	1611.692	1612.555
23	1598.549	1601.117	1599.812	1600.740	1599.002	1595.970	1595.981	1595.668	1599.089	1599.434
24	1584.727	1586.939	1585.234	1586.993	1586.292	1581.943	1582.688	1582.289	1584.069	1585.127
25	1571.164	1573.581	1571.769	1572.880	1571.542	1567.474	1568.672	1567.992	1570.279	1571.553
26	1555.778	1558.119	1556.123	1557.849	1556.641	1552.573	1554.505	1552.951	1554.893	1556.803
27	1540.564	1543.294	1541.891	1542.938	1541.977	1538.190	1537.661	1537.985	1539.916	1541.254
28	1524.886	1527.303	1525.069	1528.231	1525.080	1521.692	1522.016	1521.886	1523.926	1525.199
29	1509.057	1511.139	1509.467	1511.161	1509.758	1505.291	1505.076	1504.871	1507.212	1509.111
30	1492.645	1494.145	1491.933	1494.318	1493.875	1488.729	1490.261	1488.686	1490.358	1492.041
31	1474.626	1477.227	1475.468	1477.216	1475.489	1471.357	1471.486	1471.195	1473.267	1474.453
32	1457.319	1459.337	1457.287	1459.240	1458.258	1453.726	1453.467	1453.165	1454.848	1457.297
33	1438.329	1441.102	1439.386	1441.522	1439.505	1434.897	1435.318	1434.800	1436.861	1438.857
34	1420.590	1421.885	1420.676	1423.438	1420.849	1417.072	1416.921	1415.929	1418.399	1420.180
35	1400.704	1403.757	1402.549	1404.113	1402.301	1397.823	1397.618	1397.424	1399.431	1400.769
36	1380.786	1383.871	1381.552	1384.368	1382.415	1378.153	1377.937	1377.581	1379.070	1381.638
37	1361.126	1363.079	1361.989	1364.644	1362.529	1357.760	1357.134	1356.864	1358.893	1361.741
38	1340.776	1343.398	1340.647	1344.229	1342.395	1338.122	1336.989	1336.493	1338.392	1340.312
39	1319.639	1322.034	1320.286	1323.124	1321.182	1316.509	1316.175	1314.913	1317.222	1319.908
40	1298.037	1300.378	1298.868	1300.993	1299.170	1295.296	1293.538	1293.667	1295.048	1297.670
41	1277.234	1278.755	1277.709	1279.651	1277.838	1273.727	1271.332	1271.666	1274.234	1276.047
42	1254.553	1256.474	1254.866	1258.028	1255.535	1251.316	1249.072	1249.633	1251.036	1253.938
43	1231.150	1233.189	1232.110	1234.452	1232.488	1228.269	1226.952	1227.125	1228.549	1231.225
44	1209.030	1210.098	1209.019	1212.256	1209.408	1205.955	1204.142	1203.053	1205.394	1208.059
45	1184.839	1186.997	1185.843	1187.979	1186.760	1181.419	1180.232	1179.973	1181.969	1183.695
46	1160.508	1162.763	1162.515	1164.770	1162.417	1158.652	1156.505	1156.267	1158.382	1160.238
47	1136.651	1138.399	1137.816	1140.449	1138.259	1133.619	1132.713	1131.342	1133.662	1134.806
48	1111.489	1113.442	1113.183	1115.880	1113.161	1109.352	1107.345	1106.709	1109.288	1111.230
49	1086.736	1088.754	1088.020	1090.588	1088.398	1084.125	1082.798	1081.331	1083.953	1085.323
50	1061.973	1063.225	1063.117	1065.750	1063.063	1058.510	1056.557	1056.158	1058.294	1059.934
51	1035.408	1036.736	1037.361	1039.660	1036.585	1033.218	1031.427	1029.992	1032.430	1033.606
52	1008.919	1010.883	1010.937	1013.397	1011.001	1007.430	1005.455	1003.546	1005.984	1007.268
53	982.688	984.598	984.976	986.692	984.631	980.336	978.653	977.401	979.549	980.984

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**CANDELA TABULATION - (Cont.)**

54	955.800	957.871	958.400	960.159	957.494	953.577	951.905	950.459	953.027	953.814
55	928.792	930.681	930.972	933.313	930.691	926.311	924.045	923.387	925.588	926.580
56	901.418	902.983	904.094	905.777	902.950	898.850	897.264	895.851	898.375	899.195
57	873.645	874.594	876.245	878.640	875.479	871.325	869.210	868.109	870.548	870.580
58	845.051	847.047	847.781	849.691	847.803	843.767	841.965	839.991	842.451	843.465
59	816.576	818.206	819.706	822.155	819.382	815.454	813.339	811.926	813.922	815.260
60	788.307	789.677	791.835	793.626	791.425	787.087	785.026	783.753	785.329	786.591
61	758.925	760.468	762.680	765.238	762.648	759.886	756.433	754.933	756.875	757.296
62	730.407	731.476	733.774	736.558	734.011	731.314	727.548	725.800	728.185	728.908
63	701.350	703.001	704.371	707.436	704.706	700.962	699.009	696.926	698.771	698.685
64	671.861	673.318	675.357	678.680	676.101	672.163	670.253	667.750	669.811	670.091
65	642.782	643.645	646.040	649.008	647.249	642.663	640.861	638.509	639.976	641.034
66	613.347	613.962	616.724	620.220	617.706	614.124	611.459	608.599	610.466	611.038
67	584.484	583.987	587.203	591.227	589.166	584.807	582.088	579.919	580.923	581.365
68	554.487	554.423	557.573	561.350	559.300	555.545	552.880	549.794	551.272	551.445
69	524.987	525.149	528.084	532.098	529.962	525.840	523.574	520.046	521.502	521.535
70	495.779	495.833	498.897	502.728	500.570	497.505	494.732	491.398	492.153	491.776
71	466.085	466.063	469.624	473.552	472.138	467.768	465.276	461.855	462.837	462.427
72	436.984	437.265	440.664	443.955	442.368	439.272	436.078	432.808	433.477	433.057
73	407.722	407.970	411.703	414.768	413.991	410.387	406.912	403.276	404.075	403.913
74	378.621	379.668	382.991	385.991	385.494	382.214	378.265	374.942	375.481	375.373
75	350.082	351.344	354.322	357.365	356.663	353.869	349.898	346.435	346.704	346.683
76	322.340	323.128	326.311	328.545	328.847	326.322	321.812	318.434	318.888	318.855
77	294.470	295.819	298.484	300.167	301.527	298.905	294.340	290.974	291.362	290.877
78	266.696	268.164	271.023	273.009	273.580	271.660	267.063	263.470	263.632	263.449
79	240.131	241.459	244.081	246.055	247.609	245.429	240.768	237.369	237.434	236.765
80	213.264	214.904	217.613	219.630	220.936	218.994	214.494	211.344	210.891	210.211
81	187.444	188.868	191.674	193.993	195.763	193.637	188.857	185.739	185.016	184.746
82	162.433	163.846	166.252	168.367	169.996	168.292	164.386	160.393	159.735	159.174
83	137.734	139.202	141.522	144.154	146.377	143.971	140.097	136.062	135.317	134.735
84	114.050	115.011	117.827	120.416	122.564	120.384	116.262	112.658	111.806	110.705
85	90.722	92.071	95.114	97.067	99.095	96.635	92.967	89.708	88.554	87.561
86	69.002	70.006	72.638	73.955	75.854	73.955	71.009	68.128	67.114	66.121
87	47.778	49.073	50.292	51.350	53.551	51.026	48.361	46.893	45.631	44.692
88	27.687	29.047	29.295	29.953	29.964	28.960	27.061	26.274	25.756	24.882
89	9.797	10.089	9.344	7.067	6.398	5.816	6.388	7.553	8.211	6.916
90	0.378	0.421	0.054	0.022	0.000	0.000	0.000	0.000	0.410	0.119
91	0.183	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.410	0.119
92	0.119	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.410	0.119
93	0.065	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.464	0.119
94	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.583	0.237
95	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.755	0.237
96	0.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.820	0.237
97	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.939	0.356
98	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.939	0.410
99	0.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.939	0.410
100	0.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.939	0.410
101	0.399	0.000	0.000	0.000	0.000	0.000	0.000	0.054	0.939	0.410
102	0.410	0.000	0.000	0.000	0.000	0.000	0.000	0.054	0.993	0.410
103	0.410	0.000	0.000	0.000	0.000	0.000	0.000	0.054	0.820	0.410
104	0.464	0.000	0.000	0.000	0.000	0.000	0.000	0.054	0.755	0.410
105	0.464	0.054	0.000	0.000	0.000	0.000	0.000	0.119	0.701	0.410
106	0.464	0.119	0.000	0.000	0.000	0.000	0.000	0.345	0.755	0.410
107	0.464	0.237	0.000	0.000	0.000	0.000	0.000	0.291	0.647	0.410
108	0.464	0.345	0.000	0.000	0.000	0.000	0.000	0.291	0.583	0.410
109	0.464	0.464	0.000	0.000	0.054	0.000	0.000	0.291	0.464	0.410

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**CANDELA TABULATION - (Cont.)**

110	0.464	0.464	0.000	0.000	0.000	0.000	0.000	0.291	0.464	0.410
111	0.464	0.464	0.000	0.000	0.000	0.000	0.000	0.291	0.464	0.410
112	0.529	0.583	0.000	0.000	0.000	0.000	0.054	0.345	0.410	0.410
113	0.529	0.529	0.000	0.000	0.000	0.119	0.065	0.173	0.464	0.410
114	0.529	0.529	0.000	0.000	0.000	0.119	0.173	0.119	0.291	0.410
115	0.529	0.529	0.000	0.000	0.000	0.119	0.119	0.119	0.173	0.356
116	0.583	0.583	0.173	0.000	0.054	0.119	0.237	0.119	0.054	0.356
117	0.464	0.410	0.173	0.000	0.000	0.119	0.237	0.237	0.000	0.410
118	0.291	0.356	0.345	0.000	0.119	0.119	0.291	0.237	0.000	0.410
119	0.237	0.356	0.410	0.000	0.119	0.119	0.291	0.345	0.000	0.529
120	0.173	0.583	0.410	0.000	0.119	0.119	0.291	0.345	0.000	0.529
121	0.119	0.647	0.464	0.000	0.173	0.119	0.291	0.410	0.000	0.647
122	0.119	0.583	0.410	0.054	0.173	0.119	0.291	0.583	0.000	0.701
123	0.119	0.583	0.464	0.119	0.183	0.173	0.291	0.647	0.000	0.885
124	0.119	0.647	0.464	0.237	0.291	0.173	0.291	0.928	0.000	1.111
125	0.119	0.755	0.464	0.345	0.237	0.173	0.291	1.047	0.000	1.111
126	0.119	0.874	0.464	0.356	0.291	0.237	0.291	0.993	0.000	1.111
127	0.119	0.820	0.464	0.410	0.356	0.237	0.291	0.993	0.000	1.176
128	0.119	0.820	0.464	0.464	0.291	0.237	0.291	0.993	0.054	1.176
129	0.119	0.820	0.464	0.464	0.291	0.237	0.291	0.993	0.054	1.284
130	0.119	0.820	0.464	0.464	0.302	0.237	0.410	0.993	0.054	1.284
131	0.119	0.874	0.464	0.464	0.464	0.237	0.410	1.047	0.054	1.349
132	0.119	0.874	0.464	0.464	0.410	0.291	0.529	1.047	0.054	1.349
133	0.119	0.939	0.464	0.464	0.410	0.291	0.464	1.047	0.119	1.349
134	0.119	0.874	0.464	0.464	0.410	0.356	0.464	1.047	0.119	1.349
135	0.119	0.874	0.464	0.464	0.410	0.356	0.464	1.219	0.173	1.349
136	0.119	0.874	0.464	0.464	0.410	0.356	0.464	1.219	0.173	1.349
137	0.119	0.874	0.464	0.464	0.410	0.410	0.464	1.219	0.173	1.349
138	0.119	0.874	0.464	0.464	0.410	0.410	0.464	1.284	0.173	1.349
139	0.119	0.874	0.464	0.464	0.410	0.583	0.464	1.284	0.173	1.349
140	0.119	0.874	0.464	0.464	0.529	0.647	0.529	1.392	0.291	1.349
141	0.119	0.874	0.464	0.464	0.529	0.583	0.529	1.392	0.291	1.349
142	0.119	0.874	0.464	0.464	0.583	0.583	0.583	1.392	0.356	1.349
143	0.119	0.874	0.464	0.464	0.701	0.583	0.583	1.457	0.410	1.349
144	0.119	0.874	0.464	0.583	0.647	0.583	0.583	1.511	0.410	1.349
145	0.173	0.993	0.464	0.529	0.647	0.583	0.701	1.511	0.356	1.349
146	0.119	1.057	0.464	0.529	0.647	0.583	0.755	1.565	0.529	1.349
147	0.227	1.165	0.464	0.529	0.647	0.583	0.820	1.511	0.464	1.284
148	0.173	1.176	0.583	0.529	0.647	0.583	0.874	1.629	0.583	1.284
149	0.173	1.230	0.529	0.529	0.647	0.583	0.939	1.575	0.701	1.284
150	0.173	1.176	0.583	0.529	0.647	0.583	0.874	1.575	0.647	1.284
151	0.173	1.338	0.809	0.529	0.647	0.583	0.874	1.575	0.647	1.284
152	0.237	1.295	0.874	0.529	0.647	0.583	0.874	1.565	0.701	1.230
153	0.291	1.403	0.874	0.529	0.647	0.583	0.874	1.511	0.701	1.165
154	0.410	1.349	0.939	0.529	0.647	0.583	0.939	1.511	0.701	1.111
155	0.356	1.349	1.165	0.529	0.647	0.583	0.874	1.511	0.701	0.874
156	0.410	1.403	1.111	0.529	0.647	0.647	0.993	1.511	0.820	0.820
157	0.410	1.403	1.111	0.529	0.647	0.647	0.939	1.457	0.766	0.766
158	0.410	1.521	1.230	0.529	0.647	0.647	0.939	1.457	1.057	0.766
159	0.410	1.521	1.349	0.529	0.647	0.701	0.939	1.457	1.165	0.766
160	0.410	1.403	1.349	0.529	0.647	0.701	0.939	1.338	1.284	0.766
161	0.410	1.467	1.349	0.529	0.701	0.755	0.939	1.165	1.284	0.766
162	0.410	1.349	1.349	0.529	0.701	0.701	0.939	1.101	1.338	0.766
163	0.410	1.349	1.403	0.583	0.701	0.701	0.939	1.101	1.349	0.766
164	0.464	1.403	1.467	0.583	0.766	0.701	0.939	1.101	1.457	0.766
165	0.464	1.467	1.521	0.583	0.766	0.766	0.939	1.101	1.403	0.766

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-1X4-WT50-120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

166	0.529	1.467	1.403	0.583	0.766	0.820	0.993	1.111	1.403	0.766
167	0.464	1.467	1.403	0.583	0.820	0.874	1.057	1.511	1.403	0.766
168	0.464	1.467	1.467	0.583	0.885	0.820	1.111	1.629	1.403	0.766
169	0.529	1.467	1.575	0.755	0.885	0.820	1.047	1.683	1.403	0.766
170	0.529	1.467	1.694	0.701	0.939	0.820	1.047	1.629	1.338	0.766
171	0.529	1.467	1.694	0.701	0.939	0.820	1.047	1.629	1.338	0.820
172	0.583	1.467	1.877	0.874	0.939	0.820	1.047	1.683	1.349	0.701
173	0.583	1.467	1.877	0.874	0.939	0.820	1.047	1.629	1.403	0.647
174	0.583	1.467	1.877	0.874	0.939	0.820	1.047	1.629	1.284	0.647
175	0.701	1.467	1.877	0.939	0.885	0.820	0.993	1.575	1.338	0.647
176	0.647	1.467	1.877	0.939	0.885	0.874	0.993	1.575	1.047	0.647
177	0.647	1.467	1.877	1.057	0.885	0.766	0.993	1.575	1.047	0.647
178	0.647	1.295	1.877	0.993	0.885	0.820	0.993	1.575	1.047	0.647
179	0.647	1.284	1.877	0.993	0.885	0.766	0.993	1.575	1.057	0.647
180	0.637	0.637	0.637	0.637	0.637	0.637	0.637	0.637	0.637	0.637

**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	1755.932	1755.932	1755.932	1755.932	1755.932	1755.932	1755.932
1	1754.562	1755.749	1754.864	1755.026	1756.439	1756.342	1755.533
2	1754.400	1754.378	1753.742	1754.314	1756.040	1754.670	1755.123
3	1752.587	1753.299	1753.731	1751.864	1753.936	1752.350	1753.148
4	1751.001	1751.551	1751.476	1750.926	1752.620	1751.595	1751.649
5	1747.516	1748.228	1747.548	1748.196	1750.181	1748.368	1749.102
6	1744.592	1745.531	1745.175	1743.653	1746.405	1744.948	1745.347
7	1740.287	1740.362	1741.225	1740.513	1742.466	1741.031	1741.107
8	1735.194	1736.230	1736.586	1736.812	1737.676	1736.424	1735.938
9	1731.169	1731.806	1731.029	1731.827	1733.953	1732.723	1731.104
10	1725.418	1725.817	1725.699	1725.645	1726.832	1725.558	1724.954
11	1719.084	1719.861	1719.678	1720.401	1721.782	1719.645	1719.538
12	1712.233	1712.265	1712.481	1713.020	1715.329	1712.783	1712.395
13	1704.615	1704.561	1705.338	1705.198	1707.906	1705.478	1704.421
14	1695.292	1696.684	1696.857	1698.217	1699.188	1696.080	1696.145
15	1688.786	1689.034	1688.160	1689.056	1690.448	1687.427	1688.279
16	1677.759	1679.787	1679.830	1679.647	1681.557	1679.000	1678.741
17	1668.835	1669.375	1670.864	1670.648	1671.436	1669.213	1668.177
18	1658.132	1658.973	1659.783	1659.772	1661.746	1658.811	1658.240
19	1646.867	1648.453	1648.917	1649.791	1650.061	1647.385	1648.324
20	1635.548	1636.325	1636.498	1637.156	1637.739	1636.573	1635.688
21	1624.240	1624.229	1625.632	1626.031	1628.308	1624.337	1624.532
22	1610.364	1612.134	1612.771	1612.868	1614.961	1611.217	1611.562
23	1597.816	1599.510	1599.650	1600.308	1600.945	1598.431	1598.549
24	1584.199	1585.483	1586.950	1587.058	1587.328	1584.544	1584.727
25	1569.621	1571.412	1571.995	1572.297	1574.261	1569.816	1571.164
26	1555.335	1556.479	1557.461	1557.580	1558.119	1555.864	1555.778
27	1540.132	1540.995	1541.524	1543.671	1543.466	1540.057	1540.564
28	1523.872	1526.159	1525.792	1526.030	1528.069	1524.875	1524.886
29	1507.978	1510.309	1510.719	1511.593	1512.197	1508.615	1509.057
30	1491.135	1491.987	1492.635	1493.670	1494.901	1491.923	1492.645
31	1474.486	1474.799	1476.061	1476.622	1477.701	1474.572	1474.626
32	1455.787	1457.556	1456.941	1459.520	1459.768	1456.823	1457.319
33	1437.778	1439.105	1439.818	1440.400	1442.396	1438.458	1438.329
34	1418.464	1420.525	1421.259	1421.993	1423.018	1420.083	1420.590
35	1399.841	1401.038	1402.096	1402.840	1403.315	1400.477	1400.704
36	1379.760	1381.357	1382.447	1382.717	1383.882	1380.991	1380.786

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-1X4-WT50-120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

37	1359.583	1361.061	1361.925	1363.219	1364.395	1361.299	1361.126
38	1339.309	1340.442	1341.391	1342.103	1343.290	1340.560	1340.776
39	1318.214	1320.523	1319.790	1321.128	1321.807	1319.218	1319.639
40	1297.044	1300.562	1298.404	1299.634	1300.314	1297.346	1298.037
41	1275.000	1277.558	1276.155	1277.676	1278.248	1272.756	1277.234
42	1252.255	1253.820	1254.316	1255.255	1255.611	1253.755	1254.553
43	1230.038	1231.150	1231.549	1232.704	1232.887	1231.614	1231.150
44	1206.516	1208.048	1208.048	1208.793	1209.343	1207.725	1209.030
45	1182.606	1184.720	1184.084	1186.209	1186.091	1184.429	1184.839
46	1159.191	1160.335	1160.054	1161.295	1162.212	1159.774	1160.508
47	1134.450	1135.820	1135.442	1136.478	1138.075	1136.058	1136.651
48	1110.043	1111.241	1110.928	1112.028	1112.881	1111.230	1111.489
49	1084.460	1085.787	1085.247	1087.621	1086.154	1085.301	1086.736
50	1058.844	1060.603	1059.826	1061.790	1061.876	1059.125	1061.973
51	1033.833	1034.901	1033.596	1035.613	1035.139	1033.488	1035.408
52	1007.182	1008.207	1007.538	1008.811	1008.930	1007.095	1008.919
53	980.714	982.473	980.487	982.688	982.764	981.318	982.688
54	953.599	955.044	953.750	955.325	955.444	953.912	955.800
55	926.796	927.843	926.883	927.821	928.069	926.883	928.792
56	899.055	900.113	899.573	900.339	900.684	899.659	901.418
57	870.656	872.339	871.465	872.005	872.652	871.465	873.645
58	842.882	844.760	842.872	843.843	844.425	843.109	845.051
59	814.278	815.605	815.141	815.724	815.832	814.645	816.576
60	786.440	787.821	786.688	786.936	787.389	785.728	788.307
61	756.918	758.925	758.138	757.329	758.289	756.573	758.925
62	728.508	729.954	728.821	728.757	729.922	728.433	730.407
63	699.613	700.109	699.947	699.192	700.034	698.599	701.350
64	669.876	671.602	670.512	670.329	670.555	669.714	671.861
65	640.289	641.865	641.552	640.840	641.347	639.793	642.782
66	611.577	611.685	611.771	611.092	611.825	610.498	613.347
67	582.153	583.199	582.304	581.689	581.775	581.074	584.484
68	552.696	552.858	552.707	551.757	552.275	551.196	554.487
69	523.013	523.585	523.391	522.754	522.398	521.815	524.987
70	493.696	494.581	493.545	493.459	492.995	491.959	495.779
71	464.866	464.499	464.661	463.668	463.118	463.042	466.085
72	435.118	435.905	435.700	435.398	433.974	433.467	436.984
73	405.898	406.038	406.200	406.125	404.787	404.603	407.722
74	377.003	377.823	377.542	377.488	375.697	375.449	378.621
75	347.988	349.164	349.197	349.164	347.276	346.823	350.082
76	319.503	320.744	320.884	321.154	319.395	319.244	322.340
77	291.675	292.506	292.895	293.337	291.621	290.974	294.470
78	264.258	265.186	264.733	265.963	264.733	264.128	266.696
79	237.326	239.333	237.509	239.311	237.768	237.153	240.131
80	211.096	212.649	210.254	213.016	211.851	210.567	213.264
81	185.156	187.239	184.682	187.055	186.127	185.178	187.444
82	160.134	162.109	159.250	162.314	161.235	160.145	162.433
83	135.695	137.713	135.339	137.778	136.882	135.900	137.734
84	112.054	114.288	111.903	114.266	113.047	111.925	114.050
85	88.823	90.366	88.575	91.046	89.945	89.320	90.722
86	66.671	68.020	66.272	67.945	67.945	67.621	69.002
87	44.422	45.135	44.401	45.879	45.793	46.494	47.778
88	23.209	24.180	23.555	24.429	24.817	26.241	27.687
89	5.999	5.201	3.615	4.143	5.848	7.682	9.797
90	0.000	0.000	0.011	0.011	0.011	0.140	0.378
91	0.000	0.000	0.000	0.000	0.000	0.000	0.183
92	0.000	0.000	0.000	0.000	0.000	0.000	0.119

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-1X4-WT50-120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

93	0.000	0.000	0.000	0.000	0.000	0.000	0.065
94	0.000	0.000	0.000	0.000	0.000	0.000	0.054
95	0.000	0.000	0.000	0.000	0.000	0.000	0.054
96	0.000	0.000	0.000	0.000	0.000	0.000	0.054
97	0.000	0.000	0.000	0.000	0.000	0.000	0.119
98	0.000	0.000	0.000	0.000	0.000	0.000	0.119
99	0.000	0.000	0.000	0.000	0.000	0.000	0.119
100	0.000	0.000	0.000	0.000	0.000	0.000	0.173
101	0.000	0.000	0.000	0.000	0.000	0.000	0.399
102	0.000	0.000	0.000	0.000	0.000	0.000	0.410
103	0.000	0.000	0.000	0.000	0.000	0.000	0.410
104	0.000	0.000	0.000	0.000	0.000	0.000	0.464
105	0.054	0.000	0.000	0.000	0.000	0.000	0.464
106	0.119	0.000	0.000	0.000	0.000	0.173	0.464
107	0.119	0.000	0.000	0.000	0.000	0.237	0.464
108	0.173	0.000	0.000	0.000	0.000	0.291	0.464
109	0.183	0.000	0.000	0.000	0.000	0.345	0.464
110	0.291	0.000	0.000	0.000	0.000	0.410	0.464
111	0.237	0.000	0.000	0.000	0.000	0.410	0.464
112	0.237	0.054	0.000	0.000	0.000	0.410	0.529
113	0.237	0.000	0.000	0.000	0.054	0.518	0.529
114	0.291	0.054	0.000	0.000	0.054	0.464	0.529
115	0.356	0.054	0.000	0.000	0.173	0.518	0.529
116	0.464	0.054	0.000	0.000	0.345	0.464	0.583
117	0.464	0.054	0.000	0.000	0.410	0.410	0.464
118	0.464	0.173	0.000	0.000	0.410	0.410	0.291
119	0.464	0.119	0.000	0.000	0.464	0.345	0.237
120	0.464	0.119	0.000	0.000	0.529	0.464	0.173
121	0.464	0.119	0.000	0.173	0.529	0.464	0.119
122	0.464	0.119	0.000	0.237	0.529	0.464	0.119
123	0.464	0.173	0.000	0.237	0.529	0.518	0.119
124	0.464	0.237	0.227	0.410	0.529	0.637	0.119
125	0.475	0.237	0.345	0.356	0.529	0.755	0.119
126	0.701	0.291	0.291	0.356	0.529	0.755	0.119
127	0.647	0.291	0.464	0.356	0.529	0.809	0.119
128	0.647	0.291	0.583	0.356	0.529	0.874	0.119
129	0.647	0.356	0.583	0.356	0.529	0.874	0.119
130	0.701	0.356	0.583	0.356	0.529	0.874	0.119
131	0.701	0.410	0.410	0.356	0.529	0.874	0.119
132	0.701	0.356	0.410	0.518	0.529	0.874	0.119
133	0.701	0.464	0.410	0.475	0.529	0.874	0.119
134	0.701	0.464	0.529	0.464	0.529	0.874	0.119
135	0.701	0.529	0.475	0.464	0.529	0.874	0.119
136	0.701	0.647	0.475	0.464	0.529	0.874	0.119
137	0.647	0.583	0.475	0.464	0.529	0.874	0.119
138	0.647	0.647	0.475	0.464	0.529	0.874	0.119
139	0.647	0.701	0.475	0.464	0.529	0.874	0.119
140	0.647	0.701	0.475	0.464	0.529	0.874	0.119
141	0.647	0.874	0.475	0.529	0.529	0.874	0.119
142	0.820	0.874	0.475	0.529	0.529	0.874	0.119
143	0.820	0.820	0.475	0.529	0.529	0.874	0.119
144	0.820	0.939	0.475	0.529	0.529	0.874	0.119
145	1.057	0.874	0.475	0.529	0.529	0.874	0.173
146	1.057	0.874	0.529	0.529	0.529	0.874	0.119
147	1.349	0.939	0.529	0.529	0.529	0.928	0.227
148	1.467	0.993	0.583	0.529	0.583	1.047	0.173

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-1X4-WT50-120-277V\_P.IES**

**CANDELA TABULATION - (Cont.)**

149	1.640	1.057	0.529	0.529	0.637	1.101	0.173
150	1.586	0.993	0.529	0.529	0.701	1.101	0.173
151	1.586	0.993	0.529	0.529	0.874	1.101	0.173
152	1.640	0.993	0.529	0.529	1.047	1.101	0.237
153	1.586	0.993	0.529	0.529	1.111	1.101	0.291
154	1.521	1.057	0.529	0.529	1.284	1.219	0.410
155	1.521	1.057	0.529	0.529	1.338	1.165	0.356
156	1.521	1.176	0.529	0.529	1.338	1.165	0.410
157	1.521	1.284	0.529	0.529	1.338	1.219	0.410
158	1.467	1.284	0.529	0.529	1.457	1.284	0.410
159	1.467	1.295	0.529	0.529	1.403	1.219	0.410
160	1.467	1.403	0.529	0.529	1.403	1.219	0.410
161	1.467	1.467	0.529	0.529	1.403	1.219	0.410
162	1.467	1.521	0.529	0.529	1.403	1.273	0.410
163	1.467	1.521	0.529	0.529	1.403	1.284	0.410
164	1.467	1.586	0.529	0.529	1.457	1.284	0.464
165	1.467	1.640	0.583	0.583	1.457	1.284	0.464
166	1.467	1.813	0.583	0.647	1.457	1.338	0.529
167	1.467	1.996	0.647	0.647	1.521	1.338	0.464
168	1.467	1.931	0.647	0.583	1.521	1.457	0.464
169	1.467	1.931	0.647	0.701	1.629	1.392	0.529
170	1.467	1.931	0.647	0.820	1.575	1.392	0.529
171	1.403	1.877	0.701	0.820	1.575	1.392	0.529
172	1.403	1.877	0.701	0.820	1.575	1.457	0.583
173	1.349	1.877	0.701	0.993	1.575	1.392	0.583
174	1.403	1.877	0.701	0.939	1.575	1.338	0.583
175	1.349	1.877	0.820	1.057	1.575	1.284	0.701
176	1.230	1.877	0.766	0.993	1.575	1.219	0.647
177	1.230	1.877	0.766	0.993	1.575	1.284	0.647
178	1.176	1.877	0.766	0.993	1.575	1.219	0.647
179	1.176	1.877	0.766	0.993	1.575	1.111	0.647
180	0.637	0.637	0.637	0.637	0.637	0.637	0.637

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-1X4-WT50-120-277V\_P.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	642.66	N.A.	12.60
0-30	1366.68	N.A.	26.80
0-40	2242.93	N.A.	44.00
0-60	3984.84	N.A.	78.20
0-80	4991.05	N.A.	97.90
0-90	5094.82	N.A.	99.90
10-90	4928.66	N.A.	96.70
20-40	1600.27	N.A.	31.40
20-50	2513.42	N.A.	49.30
40-70	2377.21	N.A.	46.60
60-80	1006.21	N.A.	19.70
70-80	370.91	N.A.	7.30
80-90	103.78	N.A.	2.00
90-110	0.21	N.A.	0.00
90-120	0.42	N.A.	0.00
90-130	0.79	N.A.	0.00
90-150	1.71	N.A.	0.00
90-180	2.55	N.A.	0.10
110-180	2.33	N.A.	0.00
0-180	5097.37	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	166.16
10-20	476.50
20-30	724.01
30-40	876.26
40-50	913.16
50-60	828.75
60-70	635.30
70-80	370.91
80-90	103.78
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	0.43
160-170	0.30
170-180	0.11

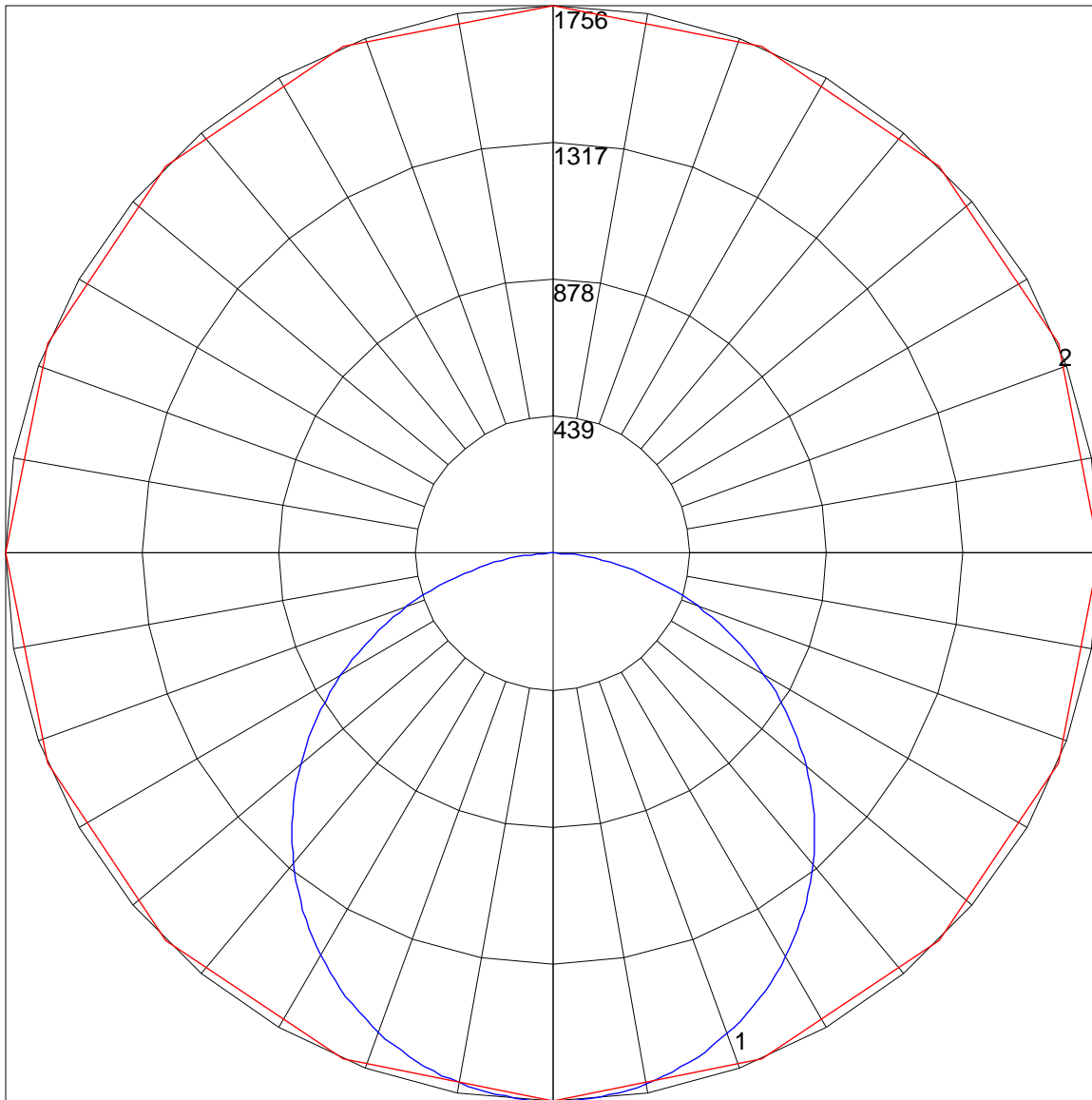
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-1X4-WT50-120-277V\_P.IES**

**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	62	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 = 1756.439 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)