



IES INDOOR REPORT

PHOTOMETRIC FILENAME : PLX-E-2-WT50-120-277V_P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Standard-Tech Co., Ltd.

[TESTDATE] 2016-03-29

[ISSUEDATE] 2016-03-29 18:24:58

[NEARFIELD]

[LAMPPOSITION] 0,0

[MANUFAC] BEGHELLI

[LUMINAIRE] PLX-E-2-WT50-120-277V_PRO FROM WT35

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5029
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	1722.608	1722.608	1722.608	1722.608	1722.608	1722.608	1722.608	1722.608	1722.608	1722.608
1	1722.336	1723.068	1722.503	1722.169	1722.524	1721.918	1722.304	1722.127	1721.907	1722.137
2	1721.991	1722.064	1721.939	1721.709	1721.280	1721.395	1721.228	1720.768	1720.705	1721.050
3	1720.789	1720.966	1720.266	1720.098	1719.910	1719.680	1719.900	1719.335	1718.928	1719.158
4	1718.875	1719.450	1718.583	1717.966	1718.018	1717.485	1717.589	1716.962	1716.617	1716.972
5	1716.303	1717.004	1716.251	1715.728	1715.488	1714.275	1714.547	1713.993	1713.575	1713.940
6	1713.407	1713.658	1712.937	1712.550	1712.299	1711.170	1711.013	1710.396	1709.947	1710.511
7	1710.104	1710.239	1709.738	1708.567	1708.274	1707.354	1707.260	1706.298	1706.402	1706.476
8	1706.026	1706.047	1705.346	1704.479	1704.113	1702.639	1702.827	1701.802	1701.562	1701.980
9	1701.185	1701.394	1700.380	1699.366	1699.188	1697.265	1697.453	1696.585	1696.282	1696.648
10	1695.947	1695.927	1695.299	1694.045	1693.616	1691.745	1692.184	1690.793	1690.249	1690.783
11	1690.354	1690.333	1689.329	1687.887	1687.563	1685.482	1685.262	1684.133	1684.102	1684.301
12	1683.652	1683.569	1682.994	1681.310	1680.976	1678.822	1678.122	1677.358	1676.961	1677.306
13	1677.097	1676.710	1675.717	1674.149	1673.856	1671.410	1671.033	1669.674	1669.726	1669.988
14	1669.350	1668.796	1667.980	1666.276	1665.847	1663.506	1662.753	1661.833	1661.352	1661.916
15	1661.394	1660.965	1660.035	1658.121	1657.557	1654.964	1654.431	1653.009	1652.967	1652.559
16	1652.622	1652.361	1651.179	1649.245	1648.701	1645.669	1645.586	1644.143	1643.850	1643.442
17	1643.568	1643.181	1641.163	1639.877	1638.968	1636.187	1635.643	1634.357	1634.012	1633.615
18	1633.583	1633.113	1631.848	1629.987	1629.077	1625.899	1625.617	1623.912	1623.756	1623.484
19	1623.296	1622.480	1621.435	1619.500	1618.643	1615.496	1615.005	1613.060	1612.851	1612.443
20	1612.652	1611.711	1610.520	1608.523	1607.634	1604.132	1603.588	1601.581	1601.319	1601.236
21	1601.058	1600.504	1598.925	1596.646	1595.339	1592.067	1591.303	1589.442	1589.150	1589.223
22	1589.286	1588.240	1587.038	1584.476	1583.326	1579.928	1578.956	1576.875	1576.792	1576.980
23	1576.520	1575.809	1574.053	1571.878	1570.456	1567.351	1566.055	1564.037	1563.890	1563.451
24	1563.524	1562.604	1560.994	1558.726	1557.325	1554.136	1552.724	1550.560	1549.933	1550.163
25	1549.881	1548.459	1547.371	1544.914	1543.503	1539.823	1538.641	1536.655	1536.352	1536.132
26	1535.756	1534.805	1533.362	1530.706	1529.201	1525.134	1524.036	1521.736	1521.422	1522.311
27	1520.962	1520.126	1518.620	1515.891	1514.041	1510.758	1509.085	1506.931	1506.722	1508.134
28	1505.886	1504.788	1503.262	1500.763	1498.693	1495.379	1493.967	1491.510	1490.904	1490.904
29	1490.057	1489.294	1487.893	1482.885	1482.979	1479.560	1477.887	1475.546	1474.835	1475.190
30	1473.883	1473.256	1471.845	1468.290	1466.753	1463.418	1461.264	1458.943	1458.044	1458.243
31	1457.490	1457.051	1455.022	1452.220	1449.774	1446.334	1444.316	1442.466	1441.190	1441.504
32	1439.999	1439.685	1438.148	1435.398	1432.659	1429.167	1426.836	1424.557	1423.605	1423.814
33	1422.643	1422.068	1420.040	1416.966	1415.011	1411.007	1408.769	1406.626	1405.236	1405.863
34	1404.608	1404.316	1402.319	1399.130	1397.008	1392.972	1390.923	1387.880	1387.034	1387.609
35	1385.873	1385.538	1383.437	1380.928	1378.293	1374.488	1372.010	1369.365	1368.173	1368.539
36	1366.730	1366.740	1364.702	1361.513	1358.930	1355.041	1352.867	1349.490	1348.695	1349.124
37	1347.639	1347.169	1345.904	1342.244	1339.306	1335.417	1333.054	1330.054	1329.217	1329.541
38	1327.304	1327.346	1325.527	1322.265	1319.369	1315.375	1313.138	1310.022	1309.175	1309.248
39	1306.980	1306.865	1305.108	1302.003	1299.347	1294.862	1292.207	1289.426	1288.338	1288.819
40	1286.394	1286.404	1284.303	1281.260	1277.925	1273.900	1271.265	1268.526	1267.115	1267.596
41	1264.992	1264.971	1263.027	1259.932	1256.775	1252.645	1250.031	1246.780	1245.870	1246.079
42	1243.215	1243.371	1241.657	1238.437	1235.227	1230.564	1228.191	1224.814	1223.800	1223.967
43	1221.803	1221.813	1219.419	1215.927	1212.634	1208.420	1205.890	1202.461	1201.332	1201.792
44	1198.687	1199.450	1197.160	1193.647	1190.385	1186.005	1183.161	1179.784	1178.927	1178.739
45	1176.156	1176.564	1174.044	1170.594	1167.395	1162.962	1160.191	1156.804	1155.602	1155.884
46	1153.155	1153.437	1150.751	1147.468	1144.185	1139.836	1137.023	1133.479	1132.433	1132.559
47	1129.161	1129.976	1127.446	1123.264	1120.274	1115.726	1112.977	1109.370	1108.105	1108.251
48	1105.292	1105.700	1103.494	1099.416	1096.186	1091.763	1089.097	1085.595	1084.048	1084.361
49	1080.775	1081.497	1078.851	1074.617	1071.658	1067.246	1064.654	1060.785	1059.112	1059.635
50	1056.363	1056.948	1054.857	1050.487	1046.295	1042.499	1039.687	1035.892	1033.885	1035.108
51	1031.198	1032.139	1029.661	1024.726	1021.485	1017.847	1014.313	1010.486	1009.023	1009.869
52	1005.896	1006.566	1004.475	999.634	995.724	992.096	988.876	984.997	982.749	984.119
53	980.156	981.129	978.651	973.852	970.140	966.199	963.324	958.818	957.187	957.845

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CANDELA TABULATION - (Cont.)

54	954.270	955.211	952.994	947.641	944.055	939.999	936.799	932.628	930.317	931.781
55	927.536	928.665	926.689	921.546	917.980	913.966	910.840	905.915	903.772	905.142
56	901.075	901.880	900.186	894.864	891.027	887.379	883.939	879.161	876.652	877.540
57	873.829	875.324	873.358	868.309	864.158	860.143	857.090	851.528	848.977	850.378
58	846.364	847.723	845.914	841.199	837.184	833.441	830.169	824.607	821.596	822.746
59	818.668	820.488	818.898	813.744	809.552	805.526	802.505	796.253	793.733	795.030
60	790.837	792.583	791.506	786.519	782.327	778.312	775.364	768.923	766.017	766.968
61	762.567	764.417	763.759	758.646	754.297	750.554	747.323	740.371	737.464	738.573
62	734.673	735.886	736.095	731.045	726.602	722.482	719.147	712.236	709.382	710.156
63	706.329	707.720	707.793	703.067	698.499	694.588	690.657	683.997	680.788	681.802
64	677.568	679.146	679.606	674.933	670.563	666.329	661.812	655.351	652.695	652.831
65	649.182	650.677	650.918	646.307	642.669	638.372	633.406	627.175	624.195	624.331
66	620.724	622.104	622.052	618.079	613.939	609.892	604.644	598.413	595.370	595.580
67	591.899	593.102	593.489	589.829	585.888	581.768	576.018	570.404	567.184	567.362
68	563.065	564.288	564.497	560.869	557.210	553.049	547.068	541.214	538.537	538.422
69	534.575	535.693	535.620	533.540	528.898	524.632	518.223	512.420	509.713	509.535
70	505.687	506.681	507.047	504.537	500.857	496.644	490.068	484.098	481.557	481.275
71	476.978	478.348	478.003	476.445	472.618	468.259	461.609	455.838	452.806	452.890
72	448.467	449.555	449.680	447.986	444.191	440.647	433.172	427.066	424.473	424.463
73	420.155	421.065	421.337	420.145	416.517	412.272	404.933	398.848	396.339	395.941
74	391.738	392.617	393.202	392.178	388.665	384.200	376.694	371.257	368.309	367.776
75	363.384	364.503	364.890	364.587	360.583	356.181	348.873	343.227	340.143	340.018
76	335.731	336.881	337.299	336.201	332.354	328.507	321.596	315.929	312.970	312.354
77	307.806	309.133	309.552	308.349	303.979	300.226	294.256	288.642	285.746	285.254
78	280.048	281.626	282.233	279.640	275.657	271.809	267.188	261.636	258.615	258.155
79	252.593	254.307	255.457	251.694	247.857	243.978	240.559	235.551	232.017	231.913
80	225.567	227.365	228.243	224.176	220.726	216.272	213.303	209.027	205.775	205.566
81	198.948	200.987	200.830	196.627	193.742	188.964	185.524	183.193	179.471	179.314
82	172.873	174.933	173.292	169.988	167.385	162.690	160.035	156.982	153.385	153.898
83	147.039	148.879	146.443	143.589	141.686	137.243	134.023	131.890	128.398	128.691
84	122.177	123.829	120.525	117.671	116.772	111.774	108.052	106.923	103.672	103.651
85	97.535	99.302	95.078	92.725	91.680	87.257	82.814	81.685	79.657	78.716
86	74.251	74.502	70.592	68.783	68.407	63.389	59.196	58.234	56.886	55.234
87	50.937	50.330	47.121	45.521	45.145	40.419	36.258	35.118	34.554	32.693
88	29.389	28.229	25.468	23.639	23.356	18.798	15.777	14.585	14.052	12.400
89	7.820	8.124	6.712	4.935	3.973	2.049	1.077	0.282	0.397	0.282
90	0.084	0.146	0.073	0.052	0.000	0.000	0.000	0.000	0.000	0.000
91	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
93	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
94	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
96	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
98	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
99	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
101	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
103	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
104	0.000	0.000	0.000	0.000	0.115	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.115	0.063	0.000	0.042	0.000	0.052
106	0.000	0.000	0.000	0.000	0.167	0.115	0.042	0.094	0.000	0.063
107	0.000	0.000	0.000	0.000	0.178	0.178	0.084	0.136	0.063	0.073
108	0.000	0.000	0.000	0.000	0.282	0.230	0.125	0.136	0.167	0.084
109	0.000	0.000	0.000	0.000	0.345	0.293	0.167	0.125	0.230	0.094

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CANDELA TABULATION - (Cont.)

110	0.000	0.052	0.000	0.000	0.460	0.345	0.209	0.125	0.282	0.105
111	0.000	0.084	0.000	0.000	0.575	0.397	0.251	0.115	0.293	0.115
112	0.230	0.115	0.000	0.000	0.512	0.460	0.282	0.115	0.345	0.125
113	0.397	0.146	0.115	0.000	0.512	0.512	0.282	0.052	0.397	0.136
114	0.418	0.178	0.146	0.052	0.627	0.575	0.272	0.000	0.460	0.146
115	0.439	0.209	0.167	0.220	0.575	0.627	0.261	0.000	0.470	0.157
116	0.470	0.240	0.199	0.282	0.627	0.575	0.251	0.000	0.481	0.167
117	0.491	0.272	0.230	0.345	0.690	0.585	0.240	0.000	0.491	0.178
118	0.512	0.303	0.261	0.293	0.627	0.596	0.230	0.167	0.502	0.230
119	0.533	0.335	0.282	0.345	0.690	0.617	0.230	0.345	0.512	0.230
120	0.554	0.366	0.397	0.355	0.700	0.627	0.167	0.460	0.512	0.512
121	0.585	0.397	0.397	0.355	0.711	0.638	0.115	0.491	0.627	0.575
122	0.606	0.397	0.439	0.366	0.721	0.648	0.052	0.512	0.638	0.742
123	0.627	0.460	0.470	0.376	0.732	0.669	0.052	0.544	0.648	0.742
124	0.805	0.575	0.502	0.387	0.732	0.680	0.000	0.565	0.659	0.742
125	0.857	0.680	0.533	0.397	0.742	0.690	0.000	0.585	0.659	0.742
126	0.857	0.680	0.575	0.397	0.805	0.700	0.000	0.617	0.669	0.742
127	0.920	0.680	0.575	0.418	0.920	0.721	0.000	0.638	0.680	0.742
128	0.972	0.680	0.512	0.439	0.857	0.732	0.000	0.659	0.680	0.742
129	0.962	0.669	0.575	0.460	0.857	0.721	0.000	0.690	0.690	0.742
130	0.941	0.669	0.512	0.481	0.899	0.711	0.000	0.690	0.700	0.742
131	0.920	0.669	0.408	0.502	0.941	0.700	0.000	0.659	0.700	0.742
132	0.910	0.669	0.460	0.512	0.983	0.690	0.000	0.638	0.711	0.742
133	0.889	0.659	0.397	0.533	1.025	0.680	0.000	0.617	0.721	0.742
134	0.878	0.659	0.397	0.554	1.066	0.680	0.000	0.585	0.721	0.742
135	0.857	0.659	0.345	0.544	2.750	0.669	0.000	0.565	0.732	0.742
136	0.836	0.659	0.282	0.533	0.742	0.659	0.000	0.554	0.742	0.742
137	0.826	0.648	0.230	0.523	0.742	0.648	0.000	0.544	0.742	0.742
138	0.805	0.648	0.230	0.512	0.732	0.659	0.000	0.533	0.690	0.742
139	0.795	0.648	0.282	0.502	0.721	0.659	0.000	0.533	0.690	0.742
140	0.774	0.648	0.063	0.502	0.711	0.669	0.000	0.523	0.680	0.742
141	0.753	0.638	0.052	0.491	0.700	0.669	0.000	0.512	0.669	0.742
142	0.742	0.638	0.000	0.481	0.700	0.680	0.000	0.502	0.659	0.742
143	0.721	0.638	0.000	0.470	0.690	0.690	0.000	0.491	0.648	0.742
144	0.711	0.627	0.000	0.460	0.680	0.627	0.000	0.481	0.627	0.742
145	0.700	0.617	0.000	0.397	0.669	0.627	0.000	0.481	0.638	0.742
146	0.700	0.606	0.000	0.387	0.659	0.627	0.000	0.460	0.648	0.742
147	0.690	0.596	0.000	0.376	0.659	0.617	0.000	0.450	0.648	0.742
148	0.690	0.585	0.000	0.366	0.648	0.617	0.000	0.439	0.659	0.742
149	0.690	0.575	0.000	0.355	0.638	0.606	0.000	0.429	0.669	0.742
150	0.680	0.565	0.000	0.345	0.617	0.606	0.000	0.418	0.669	0.742
151	0.680	0.554	0.000	0.345	0.606	0.606	0.000	0.397	0.680	0.742
152	0.680	0.544	0.000	0.335	0.596	0.596	0.000	0.397	0.690	0.742
153	0.669	0.533	0.000	0.324	0.606	0.596	0.000	0.345	0.627	0.742
154	0.669	0.523	0.000	0.314	0.617	0.596	0.052	0.397	0.638	0.742
155	0.669	0.512	0.000	0.303	0.627	0.585	0.052	0.115	0.638	0.742
156	0.659	0.502	0.000	0.293	0.638	0.585	0.052	0.000	0.638	0.742
157	0.659	0.491	0.000	0.282	0.659	0.575	0.084	0.052	0.648	0.742
158	0.659	0.481	0.000	0.240	0.669	0.575	0.105	0.000	0.648	0.742
159	0.648	0.460	0.000	0.199	0.659	0.575	0.125	0.000	0.659	0.742
160	0.648	0.450	0.000	0.146	0.648	0.565	0.146	0.000	0.659	0.742
161	0.638	0.429	0.000	0.105	0.648	0.565	0.178	0.000	0.659	0.742
162	0.638	0.439	0.000	0.052	0.638	0.565	0.230	0.000	0.669	0.742
163	0.669	0.450	0.000	0.052	0.638	0.554	0.230	0.000	0.669	0.742
164	0.700	0.460	0.000	0.052	0.627	0.554	0.282	0.000	0.680	0.742
165	0.732	0.470	0.000	0.052	0.617	0.554	0.293	0.000	0.680	0.742

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CANDELA TABULATION - (Cont.)

166	0.763	0.470	0.000	0.052	0.617	0.544	0.345	0.000	0.680	0.742
167	0.795	0.481	0.000	0.052	0.606	0.544	0.460	0.000	0.669	0.920
168	0.826	0.491	0.000	0.052	0.606	0.533	0.397	0.000	0.659	1.035
169	0.847	0.502	0.000	0.230	0.596	0.533	0.408	0.000	0.638	1.046
170	0.878	0.512	0.000	0.230	0.596	0.533	0.460	0.000	0.627	1.056
171	0.910	0.512	0.000	0.240	0.585	0.523	0.408	0.000	0.617	1.066
172	0.941	0.512	0.000	0.251	0.575	0.523	0.366	0.052	0.606	1.077
173	0.972	0.512	0.000	0.251	0.565	0.523	0.324	0.000	0.585	1.087
174	0.920	0.512	0.000	0.261	0.554	0.523	0.272	0.000	0.575	0.972
175	0.920	0.512	0.000	0.272	0.544	0.523	0.230	0.000	0.627	1.025
176	0.920	0.512	0.000	0.282	0.533	0.512	0.167	0.000	0.512	0.920
177	0.920	0.512	0.000	0.282	0.512	0.512	0.115	0.000	0.523	0.920
178	0.920	0.512	0.000	0.230	0.512	0.512	0.052	0.000	0.575	0.920
179	0.920	0.512	0.000	0.167	0.512	0.512	0.052	0.000	0.397	0.920
180	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920	0.920

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	1722.608	1722.608	1722.608	1722.608	1722.608	1722.608	1722.608
1	1722.242	1722.367	1722.221	1722.001	1723.005	1722.503	1722.336
2	1720.935	1721.447	1721.479	1721.259	1722.169	1721.991	1721.991
3	1719.565	1719.774	1719.816	1720.109	1720.726	1720.569	1720.789
4	1717.213	1717.276	1717.851	1718.311	1718.928	1718.938	1718.875
5	1714.275	1715.007	1715.341	1715.415	1716.481	1716.596	1716.303
6	1710.689	1711.421	1712.100	1712.330	1713.292	1713.533	1713.407
7	1706.601	1707.281	1707.950	1708.692	1709.487	1709.602	1710.104
8	1702.011	1702.837	1703.695	1704.625	1705.231	1705.242	1706.026
9	1696.951	1697.913	1698.467	1699.513	1700.610	1700.788	1701.185
10	1691.138	1692.257	1693.438	1694.097	1695.540	1695.289	1695.947
11	1684.813	1685.796	1687.228	1687.824	1689.957	1689.789	1690.354
12	1677.923	1678.655	1680.537	1681.080	1682.931	1683.328	1683.652
13	1670.667	1671.953	1673.532	1673.971	1675.895	1676.135	1677.097
14	1662.502	1663.328	1665.356	1666.046	1668.074	1668.754	1669.350
15	1653.835	1654.974	1657.107	1657.713	1660.108	1660.338	1661.394
16	1644.749	1645.889	1648.053	1649.015	1651.075	1651.639	1652.622
17	1635.078	1636.448	1638.811	1639.815	1641.738	1642.156	1643.568
18	1624.446	1625.721	1628.670	1629.757	1631.639	1632.559	1633.583
19	1613.802	1615.507	1617.932	1618.810	1621.351	1622.051	1623.296
20	1602.375	1604.456	1607.028	1608.021	1610.237	1611.053	1612.652
21	1590.749	1591.826	1595.067	1596.269	1598.737	1599.406	1601.058
22	1578.350	1579.928	1582.939	1584.006	1586.860	1587.581	1589.286
23	1565.605	1566.441	1569.808	1571.303	1573.927	1575.035	1576.520
24	1551.459	1553.048	1556.791	1557.889	1561.026	1561.935	1563.524
25	1537.763	1539.342	1543.033	1544.214	1547.256	1548.239	1549.881
26	1522.928	1525.019	1528.479	1529.891	1532.849	1534.188	1535.756
27	1507.946	1509.765	1513.508	1515.275	1517.867	1519.603	1520.962
28	1492.775	1494.689	1498.212	1499.958	1503.042	1504.318	1505.886
29	1476.476	1478.463	1482.080	1483.763	1487.485	1488.865	1490.057
30	1459.863	1462.069	1465.969	1467.893	1471.092	1472.305	1473.883
31	1442.968	1444.839	1448.718	1451.154	1454.144	1455.692	1457.490
32	1425.790	1427.756	1431.614	1433.569	1436.873	1438.922	1439.999
33	1407.588	1409.679	1413.568	1415.816	1419.360	1421.211	1422.643
34	1388.853	1391.268	1395.188	1397.729	1400.750	1403.155	1404.608
35	1370.285	1372.417	1376.422	1379.140	1382.465	1384.357	1385.873
36	1350.807	1353.097	1356.808	1360.101	1363.290	1365.444	1366.730

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CANDELA TABULATION - (Cont.)

37	1331.110	1333.117	1337.383	1340.603	1344.304	1346.071	1347.639
38	1311.078	1313.159	1316.954	1320.237	1323.979	1326.018	1327.304
39	1290.032	1292.667	1296.483	1300.006	1303.874	1305.809	1306.980
40	1268.756	1271.276	1275.364	1278.845	1282.693	1285.003	1286.394
41	1247.470	1249.937	1253.816	1257.653	1261.239	1263.832	1264.992
42	1225.514	1228.212	1232.007	1235.582	1239.796	1242.065	1243.215
43	1202.952	1205.629	1209.664	1213.637	1217.495	1219.691	1221.803
44	1180.338	1182.785	1187.071	1191.138	1195.226	1197.139	1198.687
45	1157.431	1159.595	1163.694	1167.719	1171.995	1174.619	1176.156
46	1134.054	1135.978	1140.463	1144.551	1148.795	1150.719	1153.155
47	1110.248	1111.931	1116.500	1120.954	1125.042	1127.279	1129.161
48	1086.139	1088.000	1092.558	1096.918	1101.016	1102.856	1105.292
49	1061.705	1063.451	1067.361	1072.359	1076.551	1078.590	1080.775
50	1036.279	1038.255	1042.761	1047.601	1052.317	1054.031	1056.363
51	1010.915	1013.121	1017.334	1022.583	1026.922	1028.971	1031.198
52	985.593	987.391	991.950	996.602	1001.673	1003.272	1005.896
53	959.790	961.275	966.011	970.966	976.183	977.814	980.156
54	933.767	935.043	939.601	944.745	950.412	951.656	954.270
55	907.128	908.686	913.412	918.325	923.856	925.822	927.536
56	880.342	882.005	886.647	891.571	897.185	898.921	901.075
57	853.222	854.947	859.600	864.838	870.431	872.323	873.829
58	826.154	828.015	832.228	837.320	842.872	844.879	846.364
59	798.365	800.194	804.617	810.064	815.584	817.152	818.668
60	771.004	773.116	777.131	782.536	788.077	789.499	790.837
61	742.295	744.867	749.069	754.757	760.235	761.396	762.567
62	714.265	717.370	721.155	726.685	732.592	733.397	734.673
63	685.670	688.681	693.177	698.478	703.998	704.876	706.329
64	657.233	660.787	664.677	669.967	675.686	676.229	677.568
65	628.691	632.569	636.563	641.780	646.935	647.635	649.182
66	599.594	604.383	607.812	613.301	617.932	618.978	620.724
67	571.031	576.102	579.604	584.497	589.307	589.902	591.899
68	542.092	547.413	550.759	555.830	559.907	561.130	563.065
69	513.079	518.934	522.123	527.382	531.187	532.965	534.575
70	484.819	490.496	493.633	498.630	501.986	503.868	505.687
71	456.204	461.661	464.944	470.120	473.340	475.148	476.978
72	427.996	433.558	436.737	441.881	444.379	446.418	448.467
73	399.381	405.204	408.132	413.370	415.900	417.813	420.155
74	371.184	377.039	379.370	384.838	387.640	389.522	391.738
75	343.154	348.277	350.734	356.725	359.213	361.346	363.384
76	315.825	320.122	321.868	328.203	331.434	333.473	335.731
77	288.182	291.391	293.325	299.097	303.467	305.986	307.806
78	260.580	263.100	265.306	270.575	276.012	278.051	280.048
79	233.878	235.175	237.674	242.441	248.672	251.171	252.593
80	206.214	207.950	210.449	214.944	221.040	224.281	225.567
81	179.711	180.987	183.820	188.012	193.543	197.495	198.948
82	153.615	154.619	157.839	161.477	166.350	171.472	172.873
83	127.906	129.130	132.057	135.580	139.888	145.649	147.039
84	102.574	104.310	107.571	110.332	114.137	120.285	122.177
85	77.472	80.242	83.180	86.055	89.181	95.172	97.535
86	54.606	57.367	60.629	62.312	65.396	70.864	74.251
87	32.191	34.878	38.014	39.604	42.479	47.602	50.937
88	12.473	14.417	17.533	18.840	21.454	25.489	29.389
89	0.115	0.000	0.659	1.621	3.649	5.708	7.820
90	0.000	0.000	0.000	0.010	0.031	0.063	0.084
91	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

93	0.000	0.000	0.000	0.000	0.000	0.000	0.000
94	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000
96	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97	0.000	0.000	0.000	0.000	0.000	0.000	0.000
98	0.000	0.000	0.000	0.000	0.000	0.000	0.000
99	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.052	0.000	0.000	0.000	0.000	0.000	0.000
101	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102	0.178	0.000	0.000	0.000	0.000	0.000	0.000
103	0.230	0.115	0.000	0.000	0.000	0.000	0.000
104	0.293	0.115	0.000	0.000	0.000	0.000	0.000
105	0.345	0.230	0.000	0.000	0.000	0.000	0.000
106	0.345	0.230	0.000	0.000	0.000	0.000	0.000
107	0.345	0.345	0.000	0.000	0.000	0.000	0.000
108	0.355	0.397	0.000	0.000	0.000	0.000	0.000
109	0.355	0.429	0.052	0.000	0.000	0.000	0.000
110	0.355	0.450	0.052	0.000	0.000	0.000	0.000
111	0.366	0.470	0.105	0.115	0.000	0.000	0.000
112	0.366	0.502	0.157	0.167	0.000	0.000	0.230
113	0.366	0.523	0.209	0.167	0.000	0.000	0.397
114	0.376	0.544	0.261	0.282	0.000	0.000	0.418
115	0.376	0.575	0.314	0.303	0.052	0.000	0.439
116	0.376	0.575	0.366	0.335	0.000	0.000	0.470
117	0.376	0.575	0.418	0.355	0.000	0.000	0.491
118	0.387	0.575	0.470	0.376	0.000	0.000	0.512
119	0.387	0.575	0.523	0.397	0.230	0.000	0.533
120	0.387	0.575	0.575	0.418	0.345	0.220	0.554
121	0.397	0.575	0.606	0.450	0.345	0.512	0.585
122	0.376	0.575	0.627	0.470	0.397	0.575	0.606
123	0.355	0.575	0.659	0.491	0.345	0.523	0.627
124	0.335	0.575	0.690	0.512	0.345	0.512	0.805
125	0.324	0.575	0.711	0.523	0.397	0.523	0.857
126	0.303	0.575	0.742	0.544	0.397	0.523	0.857
127	0.282	0.575	0.742	0.554	0.460	0.523	0.920
128	0.261	0.575	0.805	0.554	0.429	0.523	0.972
129	0.251	0.575	0.805	0.554	0.387	0.523	0.962
130	0.230	0.575	0.857	0.554	0.355	0.533	0.941
131	0.209	0.575	0.920	0.544	0.324	0.533	0.920
132	0.188	0.575	0.899	0.544	0.293	0.533	0.910
133	0.167	0.575	0.889	0.544	0.230	0.533	0.889
134	0.178	0.575	0.878	0.544	0.282	0.533	0.878
135	0.188	0.575	0.868	0.544	0.178	0.533	0.857
136	0.188	0.575	0.857	0.533	0.230	0.544	0.836
137	0.199	0.575	0.847	0.533	0.063	0.544	0.826
138	0.199	0.575	0.826	0.533	0.052	0.544	0.805
139	0.209	0.575	0.815	0.533	0.000	0.544	0.795
140	0.209	0.575	0.805	0.523	0.000	0.544	0.774
141	0.220	0.575	0.795	0.523	0.000	0.554	0.753
142	0.220	0.575	0.784	0.523	0.000	0.554	0.742
143	0.230	0.575	0.774	0.523	0.000	0.554	0.721
144	0.240	0.575	0.753	0.523	0.000	0.554	0.711
145	0.240	0.502	0.742	0.512	0.000	0.554	0.700
146	0.251	0.439	0.732	0.397	0.000	0.565	0.700
147	0.261	0.376	0.721	0.460	0.000	0.565	0.690
148	0.272	0.303	0.711	0.397	0.000	0.565	0.690

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CANDELA TABULATION - (Cont.)

149	0.282	0.240	0.700	0.460	0.000	0.565	0.690
150	0.282	0.167	0.680	0.397	0.000	0.565	0.680
151	0.324	0.115	0.669	0.345	0.000	0.575	0.680
152	0.355	0.115	0.659	0.345	0.000	0.575	0.680
153	0.387	0.052	0.648	0.282	0.000	0.575	0.669
154	0.408	0.052	0.638	0.261	0.000	0.523	0.669
155	0.429	0.052	0.575	0.240	0.000	0.575	0.669
156	0.450	0.052	0.512	0.209	0.000	0.460	0.659
157	0.470	0.052	0.460	0.188	0.000	0.429	0.659
158	0.491	0.052	0.408	0.167	0.000	0.387	0.659
159	0.512	0.052	0.460	0.146	0.000	0.355	0.648
160	0.533	0.063	0.397	0.125	0.000	0.355	0.648
161	0.554	0.115	0.460	0.105	0.000	0.366	0.638
162	0.575	0.115	0.397	0.084	0.000	0.366	0.638
163	0.512	0.125	0.460	0.052	0.000	0.376	0.669
164	0.565	0.125	0.575	0.052	0.000	0.376	0.700
165	0.460	0.136	0.565	0.052	0.000	0.387	0.732
166	0.470	0.136	0.565	0.052	0.000	0.387	0.763
167	0.491	0.146	0.554	0.052	0.000	0.397	0.795
168	0.502	0.146	0.554	0.052	0.000	0.397	0.826
169	0.512	0.146	0.554	0.052	0.000	0.408	0.847
170	0.533	0.157	0.544	0.052	0.000	0.408	0.878
171	0.544	0.157	0.544	0.052	0.000	0.418	0.910
172	0.565	0.167	0.533	0.052	0.000	0.429	0.941
173	0.575	0.167	0.533	0.052	0.000	0.429	0.972
174	0.585	0.167	0.533	0.052	0.000	0.439	0.920
175	0.606	0.115	0.523	0.052	0.000	0.450	0.920
176	0.617	0.000	0.523	0.052	0.000	0.450	0.920
177	0.627	0.000	0.512	0.052	0.000	0.460	0.920
178	0.690	0.000	0.512	0.052	0.000	0.460	0.920
179	0.575	0.000	0.512	0.052	0.000	0.512	0.920
180	0.920	0.920	0.920	0.920	0.920	0.920	0.920

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	630.71	N.A.	12.50
0-30	1341.7	N.A.	26.70
0-40	2203.05	N.A.	43.80
0-60	3920.41	N.A.	78.00
0-80	4926.41	N.A.	98.00
0-90	5027.00	N.A.	100.00
10-90	4863.97	N.A.	96.70
20-40	1572.34	N.A.	31.30
20-50	2471.28	N.A.	49.10
40-70	2349.19	N.A.	46.70
60-80	1006.00	N.A.	20.00
70-80	374.16	N.A.	7.40
80-90	100.60	N.A.	2.00
90-110	0.06	N.A.	0.00
90-120	0.35	N.A.	0.00
90-130	0.84	N.A.	0.00
90-150	1.57	N.A.	0.00
90-180	1.89	N.A.	0.00
110-180	1.82	N.A.	0.00
0-180	5028.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	163.03
10-20	467.68
20-30	710.99
30-40	861.35
40-50	898.94
50-60	818.42
60-70	631.83
70-80	374.16
80-90	100.60
90-100	0.00
100-110	0.06
110-120	0.28
120-130	0.49
130-140	0.44
140-150	0.29
150-160	0.18
160-170	0.10
170-180	0.04

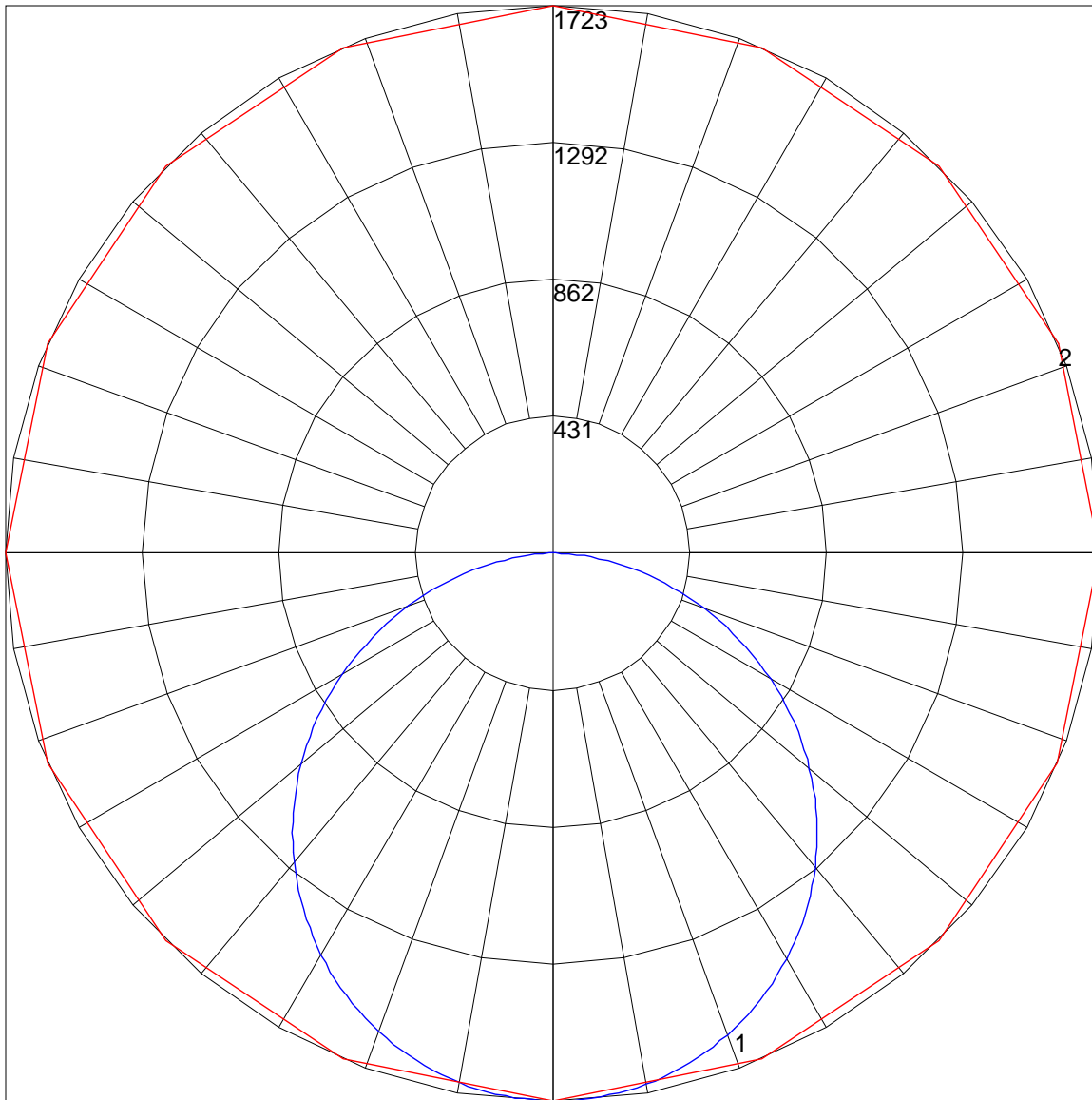
IES INDOOR REPORT
PHOTOMETRIC FILENAME : PLX-E-2-WT50-120-277V_P.IES

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	90	88	90	87	85	83
2	98	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	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	42
6	70	56	47	40	68	55	46	40	53	46	40	52	45	40	50	44	39	37
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	46	39	35	33
8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	29	55	42	34	28	41	33	28	40	33	28	39	32	28	26
10	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24

POLAR GRAPH



Maximum Candela = 1723.068 Located At Horizontal Angle = 22.5, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)