



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : PLX-E-4-WT35-120-277V.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Standard-Tech Co., Ltd.

[TESTDATE] 2016-03-30

[ISSUEDATE] 2016-04-05 15:00:18

[NEARFIELD]

[LAMPPOSITION] 0,0

[MANUFAC] BEGHELLI

[LUMINAIRE] PLX-E-4-WT35-120-277V

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6004
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	120
Total Luminaire Watts	50
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	2054.87	2054.87	2054.87	2054.87	2054.87	2054.87	2054.87	2054.87	2054.87	2054.87
1	2056.85	2054.52	2053.82	2053.88	2054.55	2054.46	2053.70	2053.67	2055.35	2053.77
2	2055.01	2054.23	2053.74	2053.08	2053.04	2053.22	2051.69	2052.22	2053.51	2052.92
3	2053.73	2052.10	2052.16	2051.48	2051.83	2051.34	2049.66	2050.64	2052.33	2050.34
4	2050.58	2049.64	2049.06	2049.04	2049.83	2049.04	2046.41	2047.38	2049.11	2048.60
5	2048.47	2046.65	2046.22	2046.00	2046.77	2045.69	2044.42	2044.72	2046.45	2043.84
6	2044.83	2043.33	2043.01	2041.83	2042.96	2040.86	2039.98	2040.23	2041.23	2040.31
7	2040.58	2039.35	2037.97	2038.89	2038.07	2036.67	2035.23	2035.68	2037.32	2036.08
8	2035.28	2034.61	2033.66	2032.90	2032.54	2031.93	2030.08	2029.83	2030.12	2029.83
9	2030.32	2028.20	2028.37	2028.33	2027.34	2025.46	2023.55	2024.18	2025.00	2023.13
10	2023.87	2022.86	2021.17	2020.79	2020.54	2019.44	2016.63	2017.22	2017.39	2016.46
11	2016.93	2014.98	2014.93	2014.00	2012.85	2011.35	2008.81	2009.07	2010.70	2009.18
12	2009.37	2007.23	2006.77	2005.77	2005.22	2002.77	2000.51	2001.25	2001.94	2000.65
13	2000.87	1999.24	1997.24	1997.91	1996.83	1994.70	1992.37	1992.77	1993.86	1992.70
14	1991.75	1989.75	1988.56	1987.88	1987.51	1985.29	1981.66	1982.67	1982.23	1982.75
15	1981.75	1979.92	1979.25	1978.92	1977.65	1974.30	1972.51	1972.31	1973.44	1971.30
16	1970.11	1969.21	1968.96	1967.76	1966.41	1964.34	1961.82	1961.55	1963.07	1961.15
17	1959.67	1957.84	1958.01	1957.01	1955.54	1953.07	1949.44	1948.68	1950.75	1949.38
18	1948.34	1946.56	1945.76	1945.06	1943.19	1941.19	1938.00	1937.58	1937.89	1936.91
19	1935.24	1933.58	1932.89	1933.01	1931.68	1927.33	1924.10	1924.70	1925.52	1924.49
20	1922.72	1920.62	1920.77	1919.13	1918.13	1914.55	1910.29	1910.56	1911.55	1909.73
21	1908.92	1907.87	1905.56	1904.93	1903.21	1900.71	1897.12	1897.54	1897.59	1896.19
22	1894.16	1891.65	1891.98	1891.51	1889.47	1885.47	1882.04	1882.71	1883.75	1881.24
23	1879.28	1877.54	1877.79	1876.11	1873.54	1870.93	1866.25	1866.87	1866.75	1866.07
24	1863.46	1861.24	1861.78	1859.47	1858.54	1854.29	1849.55	1850.16	1851.68	1849.51
25	1847.64	1844.52	1845.70	1844.76	1842.04	1838.19	1832.82	1833.99	1834.56	1832.42
26	1831.00	1828.36	1828.55	1827.10	1824.92	1820.87	1816.14	1816.20	1817.35	1815.02
27	1813.10	1811.19	1811.56	1810.10	1807.30	1803.16	1797.49	1798.49	1798.74	1797.23
28	1795.97	1792.92	1793.65	1791.92	1789.23	1784.85	1780.13	1780.89	1780.47	1778.91
29	1776.42	1774.32	1774.94	1773.20	1769.56	1765.97	1760.42	1760.68	1761.19	1759.56
30	1756.73	1754.99	1754.90	1752.66	1750.65	1746.65	1741.27	1741.35	1742.23	1740.11
31	1736.82	1734.86	1735.81	1733.67	1730.92	1726.30	1720.74	1720.76	1720.56	1719.22
32	1715.88	1714.64	1715.46	1713.27	1709.87	1705.79	1700.12	1699.55	1699.67	1697.94
33	1695.45	1693.39	1694.00	1691.58	1689.71	1683.99	1678.16	1678.45	1678.50	1676.93
34	1673.16	1672.16	1672.75	1669.76	1667.12	1662.79	1656.43	1655.87	1656.85	1654.61
35	1650.90	1649.41	1650.41	1648.02	1645.79	1639.36	1634.02	1632.84	1633.64	1631.73
36	1628.71	1627.20	1627.19	1625.65	1622.05	1616.86	1611.50	1610.13	1610.55	1608.98
37	1605.23	1603.66	1604.17	1602.81	1599.14	1593.23	1587.60	1586.82	1586.86	1585.12
38	1581.28	1579.53	1580.51	1578.00	1575.17	1569.91	1563.61	1562.00	1562.78	1561.45
39	1556.76	1554.80	1556.26	1553.79	1550.68	1545.32	1538.48	1537.53	1537.45	1536.66
40	1531.85	1530.25	1531.58	1529.87	1525.59	1519.94	1513.45	1512.67	1512.07	1510.62
41	1506.70	1505.51	1506.35	1503.73	1500.02	1494.94	1488.93	1485.39	1486.97	1485.79
42	1480.75	1478.94	1480.09	1478.18	1475.05	1467.87	1461.55	1460.03	1460.10	1459.53
43	1454.28	1453.64	1454.16	1451.71	1448.06	1441.92	1435.17	1433.29	1433.49	1432.90
44	1427.28	1425.59	1427.56	1424.99	1421.76	1414.74	1408.45	1406.61	1407.11	1405.21
45	1400.31	1398.65	1399.46	1397.77	1393.85	1387.55	1381.12	1378.44	1378.26	1377.63
46	1372.43	1371.34	1372.20	1370.12	1366.24	1359.55	1352.84	1350.11	1350.32	1349.42
47	1343.91	1342.41	1343.77	1341.26	1338.01	1330.85	1324.41	1322.18	1321.28	1321.15
48	1314.96	1314.28	1315.22	1312.70	1309.57	1302.61	1295.37	1292.37	1292.86	1292.17
49	1285.70	1285.51	1286.19	1283.13	1280.03	1272.65	1265.86	1258.67	1263.31	1261.82
50	1255.85	1256.17	1257.13	1254.52	1249.71	1243.48	1236.17	1233.30	1232.34	1232.60
51	1226.18	1225.89	1226.42	1224.35	1220.28	1213.36	1206.42	1202.83	1202.78	1202.47
52	1196.03	1195.50	1196.94	1194.06	1189.98	1182.40	1175.31	1172.69	1171.70	1171.24
53	1164.57	1165.45	1165.84	1163.32	1159.76	1152.23	1145.01	1141.43	1141.46	1141.37

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**CANDELA TABULATION - (Cont.)**

54	1133.92	1134.57	1135.32	1132.43	1128.95	1121.28	1113.10	1110.26	1109.91	1109.89
55	1102.15	1103.47	1103.72	1100.45	1096.60	1089.55	1082.19	1078.77	1077.52	1077.91
56	1071.06	1071.55	1071.75	1069.06	1064.68	1057.77	1050.32	1047.53	1045.14	1046.35
57	1039.23	1039.56	1040.29	1037.13	1033.91	1025.34	1017.96	1014.73	1013.61	1013.81
58	1007.01	1007.33	1007.48	1004.00	1000.87	992.70	985.57	982.67	981.05	981.69
59	973.70	975.11	974.90	972.22	968.15	960.07	953.03	949.86	947.83	948.71
60	941.51	942.17	942.06	939.36	935.39	927.72	920.48	916.05	915.14	915.79
61	907.30	908.86	909.06	905.85	902.14	894.49	887.39	883.67	881.17	882.15
62	874.42	875.84	876.24	872.15	869.11	860.97	853.70	850.60	848.59	848.70
63	840.76	841.98	842.42	838.73	834.96	827.46	819.44	816.93	814.65	815.30
64	807.30	808.44	808.53	805.10	801.95	793.95	786.29	782.74	781.20	781.16
65	773.45	774.54	774.69	772.10	767.43	760.40	752.47	748.78	747.21	747.74
66	739.17	740.01	740.87	737.23	733.71	726.25	718.77	715.17	713.57	714.02
67	705.66	706.72	706.88	703.96	700.16	692.97	684.79	681.83	679.92	680.21
68	671.30	672.59	672.66	669.00	666.28	658.72	651.29	648.06	645.85	646.52
69	637.33	638.68	638.30	636.16	631.88	624.21	616.97	613.81	612.12	612.11
70	603.40	604.65	604.22	601.88	598.10	590.73	583.50	580.31	578.50	578.77
71	569.42	570.81	570.29	567.87	564.37	556.66	549.31	546.46	544.50	544.88
72	535.84	537.15	536.67	533.57	530.85	523.07	516.33	513.28	510.94	511.57
73	501.79	503.72	502.93	499.36	496.54	489.44	481.97	479.17	477.65	477.70
74	468.46	470.08	469.44	465.59	463.71	455.90	449.39	446.57	445.00	444.79
75	435.29	436.96	436.34	432.34	430.28	423.26	416.79	413.37	412.20	412.30
76	402.75	404.00	403.78	399.07	396.90	390.19	383.90	381.18	380.05	379.59
77	369.79	371.39	370.75	366.42	364.22	358.73	351.97	348.81	347.25	347.47
78	337.33	339.26	338.17	333.21	331.86	325.88	319.62	316.99	315.73	315.75
79	305.50	307.06	306.22	301.45	300.46	294.84	288.96	286.46	284.88	284.78
80	273.57	275.17	274.64	269.76	268.70	263.06	257.99	255.34	253.79	253.47
81	242.36	243.93	243.65	238.57	237.71	232.49	227.80	224.73	223.22	222.95
82	211.96	213.33	212.73	207.73	206.70	201.53	197.80	194.58	193.21	193.05
83	181.83	183.39	182.54	177.73	176.99	172.27	168.20	165.59	164.13	163.58
84	152.43	153.77	152.82	148.43	147.14	142.28	138.96	137.06	135.26	134.70
85	124.08	125.16	123.67	119.54	118.48	114.12	110.69	108.90	107.29	106.80
86	95.97	96.99	95.69	91.92	90.39	86.25	83.34	82.28	80.55	79.36
87	69.16	69.62	67.95	64.77	63.42	59.93	56.57	55.47	54.32	52.92
88	43.75	43.91	41.99	39.17	37.50	33.42	30.63	30.18	29.48	27.41
89	19.20	18.98	17.25	15.08	13.33	10.26	8.35	25.93	7.06	5.98
90	1.53	1.41	0.87	0.55	0.00	0.00	0.00	21.67	0.34	0.40
91	0.19	0.18	0.06	0.00	0.00	0.00	0.00	17.42	0.37	0.45
92	0.00	0.06	0.00	0.00	0.00	0.00	0.00	13.16	0.41	0.40
93	0.00	0.00	1.38	0.00	0.00	0.00	0.00	8.91	0.44	0.40
94	0.00	0.00	0.41	0.00	0.00	0.00	0.00	4.65	0.47	0.45
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.80	0.51	0.48
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95	0.51	0.50
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.10	0.56	0.52
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.51	0.55
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.51	0.57
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.51	0.59
101	0.00	0.00	0.00	0.00	0.00	0.06	0.12	0.45	0.51	0.62
102	0.00	0.00	0.00	0.00	0.00	2.59	0.23	0.34	0.51	0.51
103	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.39	0.51	0.45
104	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.34	0.51	0.45
105	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.17	0.51	0.51
106	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.17	0.39	0.28
107	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.11	0.40	0.17
108	0.00	0.00	0.00	0.00	0.06	0.00	0.24	0.11	0.45	0.06
109	0.00	0.00	0.00	0.00	0.06	0.00	0.25	0.00	0.34	0.11

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**CANDELA TABULATION - (Cont.)**

110	0.00	0.00	0.00	0.00	0.06	0.00	0.25	0.00	0.27	0.06
111	0.00	0.00	0.00	0.00	0.06	0.00	0.25	0.00	0.20	0.11
112	0.00	0.00	0.00	0.00	0.06	0.00	0.26	0.00	0.14	0.00
113	0.00	0.00	0.00	0.00	0.06	0.00	0.26	0.00	0.07	0.00
114	0.00	0.00	0.00	0.00	0.06	0.00	0.26	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.06	0.00	0.26	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.06	0.00	0.27	0.00	0.00	0.00
117	0.00	0.00	0.05	0.00	0.06	0.00	0.27	0.00	0.00	0.00
118	0.00	0.00	0.06	0.00	0.06	0.00	0.27	0.00	0.00	0.00
119	0.00	0.00	0.06	0.00	0.06	0.00	0.28	0.00	0.00	0.00
120	0.00	0.00	0.06	0.00	0.06	0.00	0.28	0.00	0.00	0.00
121	0.00	0.00	0.06	0.06	0.06	0.00	0.17	0.00	0.00	0.00
122	0.00	0.00	0.06	0.00	0.06	0.00	0.11	0.00	0.00	0.00
123	0.00	0.00	0.06	0.00	0.06	0.00	0.05	0.00	0.00	0.00
124	0.00	0.00	0.06	0.00	0.06	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.17	0.06	0.06	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.16	0.06	0.06	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.15	0.22	0.06	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.14	0.21	0.06	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.14	0.19	0.06	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.13	0.17	0.11	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.12	0.15	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.11	0.14	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.06	0.12	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.06	0.10	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.08
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.10
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.12
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.14
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.16
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.18
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.21
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.23
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.28
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.28
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.34
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.35
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.37
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.38
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.40
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.41
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.42
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.42
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.42
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.41
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.41

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-4-WT35-120-277V.IES**

**CANDELA TABULATION - (Cont.)**

166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.41
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.28	0.41
168	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.40
169	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.40
170	0.17	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.40
171	0.34	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.39
172	0.39	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.34
173	0.38	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34
174	0.37	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23
175	0.36	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22
176	0.35	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
177	0.34	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
178	0.39	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
179	0.34	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17
180	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28

**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	2054.87	2054.87	2054.87	2054.87	2054.87	2054.87	2054.87
1	2053.16	2053.16	2054.26	2055.92	2054.08	2055.59	2056.85
2	2051.31	2051.76	2053.70	2053.94	2052.68	2054.16	2055.01
3	2050.42	2050.69	2051.69	2052.84	2050.91	2051.04	2053.73
4	2047.42	2047.52	2048.89	2050.01	2049.58	2050.65	2050.58
5	2044.88	2044.13	2045.77	2047.12	2046.40	2048.14	2048.47
6	2041.11	2039.92	2042.15	2043.80	2043.13	2043.37	2044.83
7	2036.46	2035.04	2037.77	2039.31	2038.72	2040.38	2040.58
8	2029.51	2030.10	2032.53	2034.17	2033.65	2034.90	2035.28
9	2023.85	2023.51	2026.76	2028.55	2027.88	2028.88	2030.32
10	2017.48	2017.36	2020.03	2021.27	2021.20	2022.58	2023.87
11	2009.97	2009.51	2011.87	2014.52	2014.66	2015.54	2016.93
12	2001.22	2000.52	2004.23	2007.18	2007.31	2007.43	2009.37
13	1992.87	1992.60	1994.69	1997.98	1999.02	1999.22	2000.87
14	1982.55	1982.12	1985.61	1989.10	1988.80	1989.83	1991.75
15	1972.02	1972.10	1975.92	1979.67	1978.41	1980.58	1981.75
16	1961.87	1960.84	1964.99	1968.19	1968.45	1969.84	1970.11
17	1950.63	1950.62	1953.70	1957.90	1957.47	1958.81	1959.67
18	1937.58	1938.21	1942.42	1946.38	1945.35	1947.00	1948.34
19	1925.17	1924.64	1930.06	1932.59	1933.43	1934.88	1935.24
20	1911.31	1911.26	1915.23	1918.67	1918.34	1921.36	1922.72
21	1897.26	1897.63	1901.76	1905.42	1906.98	1907.63	1908.92
22	1882.31	1882.16	1886.70	1891.93	1891.25	1893.27	1894.16
23	1867.72	1867.09	1872.29	1875.95	1876.50	1877.74	1879.28
24	1851.09	1850.72	1855.77	1861.11	1860.30	1862.13	1863.46
25	1834.85	1834.64	1839.03	1843.55	1844.49	1845.46	1847.64
26	1816.90	1816.97	1822.22	1826.79	1827.64	1829.08	1831.00
27	1798.43	1798.50	1804.75	1809.18	1809.25	1811.09	1813.10
28	1780.65	1780.16	1785.97	1789.60	1791.37	1792.83	1795.97
29	1761.57	1761.73	1767.19	1771.92	1772.69	1774.52	1776.42
30	1742.64	1741.92	1747.60	1752.64	1753.21	1754.94	1756.73
31	1721.57	1721.20	1727.13	1732.46	1733.26	1735.77	1736.82
32	1700.98	1701.37	1706.42	1711.65	1712.24	1715.02	1715.88
33	1679.45	1679.67	1684.74	1690.45	1691.65	1693.71	1695.45
34	1657.06	1656.97	1663.25	1668.39	1670.28	1671.44	1673.16
35	1634.48	1635.73	1640.67	1645.76	1647.06	1649.08	1650.90
36	1611.42	1612.55	1617.51	1623.13	1624.91	1625.42	1628.71

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-4-WT35-120-277V.IES**

**CANDELA TABULATION - (Cont.)**

37	1587.59	1588.37	1594.36	1599.65	1601.57	1602.82	1605.23
38	1563.78	1564.32	1570.13	1575.64	1577.41	1579.37	1581.28
39	1539.92	1539.91	1545.81	1551.58	1552.75	1555.39	1556.76
40	1513.87	1514.43	1519.92	1526.45	1527.97	1530.17	1531.85
41	1487.97	1489.25	1494.57	1499.97	1502.17	1504.59	1506.70
42	1463.04	1463.09	1468.57	1474.93	1476.39	1478.98	1480.75
43	1435.19	1436.47	1441.51	1447.62	1449.58	1451.77	1454.28
44	1408.32	1409.26	1414.81	1420.22	1422.52	1425.00	1427.28
45	1380.70	1382.59	1386.73	1393.34	1394.92	1397.38	1400.31
46	1352.08	1353.82	1359.79	1364.97	1366.55	1370.28	1372.43
47	1323.76	1324.96	1330.87	1336.32	1338.27	1340.95	1343.91
48	1295.03	1296.14	1302.19	1307.09	1309.72	1312.45	1314.96
49	1265.24	1266.83	1273.10	1277.90	1279.88	1283.39	1285.70
50	1235.00	1236.69	1243.22	1248.39	1250.70	1253.43	1255.85
51	1205.41	1206.71	1213.27	1218.16	1219.84	1223.33	1226.18
52	1174.65	1176.35	1181.67	1187.13	1190.45	1192.47	1196.03
53	1144.28	1145.55	1151.48	1156.47	1159.13	1162.49	1164.57
54	1112.54	1114.11	1119.87	1125.15	1127.66	1131.34	1133.92
55	1080.65	1082.46	1088.68	1093.08	1095.96	1100.29	1102.15
56	1049.24	1050.22	1056.11	1060.88	1064.34	1068.59	1071.06
57	1016.37	1018.26	1023.82	1028.30	1032.59	1036.60	1039.23
58	984.02	985.90	991.36	995.47	999.76	1003.58	1007.01
59	951.13	952.79	957.64	962.29	966.63	970.81	973.70
60	918.60	920.42	924.82	929.83	933.97	938.22	941.51
61	884.75	886.38	891.69	896.35	900.38	904.51	907.30
62	851.08	852.98	857.52	862.82	867.14	871.72	874.42
63	817.80	819.73	824.05	828.89	833.37	837.80	840.76
64	783.92	786.23	790.20	795.17	799.80	804.00	807.30
65	750.06	752.37	755.92	761.32	765.19	770.26	773.45
66	716.10	718.46	722.30	727.29	731.66	736.29	739.17
67	682.52	684.94	688.76	692.77	697.69	702.36	705.66
68	648.57	651.31	654.05	658.68	663.05	668.04	671.30
69	613.86	616.88	620.38	624.74	629.09	634.36	637.33
70	580.63	583.09	586.32	590.97	594.92	600.59	603.40
71	546.28	549.65	552.19	556.65	561.12	566.25	569.42
72	513.19	515.91	519.12	522.45	527.35	532.77	535.84
73	479.39	481.95	484.93	488.55	493.45	498.81	501.79
74	446.51	449.23	452.17	454.51	459.79	465.45	468.46
75	413.48	416.43	419.06	420.89	426.77	431.63	435.29
76	380.82	383.69	385.98	388.12	394.26	399.44	402.75
77	348.62	351.20	352.77	355.59	361.28	366.85	369.79
78	316.48	319.33	319.76	323.26	329.56	334.52	337.33
79	285.37	288.30	287.15	291.54	297.67	302.37	305.50
80	253.99	256.51	254.99	259.86	266.70	270.93	273.57
81	223.55	225.99	224.13	229.29	236.12	240.00	242.36
82	193.64	195.17	193.76	199.20	205.57	209.60	211.96
83	163.82	165.73	164.07	170.09	176.09	179.52	181.83
84	134.61	136.36	135.19	140.52	146.26	150.45	152.43
85	105.66	107.49	107.10	112.45	117.46	121.73	124.08
86	78.55	80.41	80.07	84.45	89.54	93.86	95.97
87	51.73	52.98	53.61	57.70	62.05	66.57	69.16
88	26.10	27.66	28.59	31.67	35.75	40.27	43.75
89	5.43	5.35	5.47	8.19	11.51	15.69	19.20
90	0.00	0.00	0.17	0.27	0.44	0.70	1.53
91	0.00	0.00	0.00	0.00	0.00	0.06	0.19
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-4-WT35-120-277V.IES**

**CANDELA TABULATION - (Cont.)**

93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.06	0.00	0.00	0.00	0.00	0.00	0.00
97	0.06	0.00	0.00	0.00	0.00	0.00	0.00
98	0.06	0.00	0.00	0.00	0.00	0.00	0.00
99	0.06	0.00	0.00	0.00	0.00	0.00	0.00
100	0.06	0.00	0.00	0.00	0.00	0.00	0.00
101	0.06	0.00	0.00	0.00	0.00	0.00	0.00
102	0.11	0.00	0.00	0.00	0.00	0.00	0.00
103	0.06	0.00	0.00	0.00	0.00	0.00	0.00
104	0.05	0.00	0.00	0.00	0.00	0.06	0.00
105	0.05	0.00	0.00	0.00	0.00	0.00	0.00
106	0.04	0.00	0.00	0.00	0.00	0.00	0.00
107	0.03	0.00	0.00	0.00	0.00	0.00	0.00
108	0.03	0.00	0.00	0.00	0.00	0.00	0.00
109	0.02	0.00	0.00	0.00	0.00	0.00	0.00
110	0.01	0.00	0.00	0.00	0.00	0.00	0.00
111	0.01	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.06	0.00	0.00	0.00	0.00	0.06	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.22	0.00	0.00	0.00
123	0.00	0.00	0.00	0.21	0.06	0.00	0.00
124	0.00	0.00	0.00	0.19	0.00	0.00	0.00
125	0.00	0.00	0.00	0.18	0.00	0.00	0.00
126	0.00	0.00	0.00	0.17	0.00	0.00	0.00
127	0.00	0.00	0.00	0.15	0.00	0.00	0.00
128	0.00	0.00	0.01	0.14	0.00	0.00	0.00
129	0.00	0.00	0.01	0.13	0.00	0.00	0.00
130	0.00	0.00	0.01	0.11	0.00	0.00	0.00
131	0.00	0.00	0.01	0.10	0.00	0.00	0.00
132	0.00	0.00	0.01	0.09	0.06	0.00	0.00
133	0.00	0.00	0.02	0.07	0.00	0.00	0.00
134	0.00	0.00	0.02	0.06	0.00	0.00	0.00
135	0.00	0.00	0.02	0.11	0.00	0.00	0.00
136	0.00	0.00	0.02	0.06	0.00	0.00	0.00
137	0.00	0.00	0.02	0.06	0.00	0.00	0.00
138	0.00	0.00	0.03	0.06	0.00	0.00	0.00
139	0.00	0.00	0.03	0.06	0.00	0.00	0.00
140	0.00	0.00	0.03	0.06	0.00	0.00	0.00
141	0.00	0.00	0.03	0.06	0.00	0.00	0.00
142	0.00	0.00	0.03	0.00	0.00	0.00	0.00
143	0.00	0.00	0.04	0.00	0.00	0.00	0.00
144	0.00	0.00	0.04	0.00	0.00	0.00	0.00
145	0.00	0.00	0.04	0.00	0.00	0.00	0.00
146	0.00	0.00	0.04	0.00	0.00	0.00	0.00
147	0.00	0.00	0.04	0.00	0.00	0.00	0.00
148	0.00	0.00	0.04	0.00	0.00	0.00	0.00

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : PLX-E-4-WT35-120-277V.IES

CANDELA TABULATION - (Cont.)

149	0.00	0.00	0.05	0.00	0.00	0.00	0.00
150	0.02	0.00	0.05	0.00	0.00	0.00	0.00
151	0.04	0.00	0.05	0.00	0.00	0.00	0.00
152	0.06	0.00	0.05	0.00	0.00	0.00	0.00
153	0.08	0.00	0.05	0.00	0.00	0.00	0.00
154	0.09	0.00	0.06	0.00	0.00	0.00	0.00
155	0.11	0.00	0.00	0.00	0.00	0.00	0.00
156	0.13	0.00	0.00	0.00	0.00	0.00	0.00
157	0.15	0.00	0.00	0.00	0.00	0.00	0.00
158	0.15	0.00	0.00	0.00	0.00	0.00	0.00
159	0.15	0.00	0.00	0.00	0.00	0.00	0.00
160	0.15	0.00	0.00	0.00	0.00	0.00	0.00
161	0.15	0.00	0.00	0.00	0.00	0.00	0.00
162	0.16	0.00	0.00	0.00	0.00	0.00	0.00
163	0.16	0.00	0.00	0.00	0.00	0.00	0.00
164	0.16	0.00	0.00	0.00	0.00	0.00	0.00
165	0.16	0.00	0.00	0.00	0.00	0.00	0.00
166	0.16	0.00	0.00	0.00	0.00	0.00	0.00
167	0.16	0.00	0.00	0.00	0.00	0.00	0.00
168	0.16	0.00	0.00	0.00	0.00	0.00	0.06
169	0.16	0.00	0.00	0.00	0.00	0.00	0.11
170	0.16	0.00	0.00	0.00	0.00	0.00	0.17
171	0.16	0.00	0.00	0.00	0.00	0.00	0.34
172	0.17	0.00	0.00	0.00	0.00	0.00	0.39
173	0.17	0.00	0.00	0.00	0.00	0.00	0.38
174	0.17	0.00	0.00	0.00	0.00	0.00	0.37
175	0.17	0.00	0.00	0.00	0.00	0.00	0.36
176	0.17	0.00	0.00	0.00	0.00	0.00	0.35
177	0.17	0.00	0.00	0.00	0.00	0.00	0.34
178	0.17	0.00	0.00	0.00	0.00	0.00	0.39
179	0.17	0.00	0.00	0.00	0.00	0.00	0.34
180	0.28	0.28	0.28	0.28	0.28	0.28	0.28

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-4-WT35-120-277V.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	752.30	N.A.	12.50
0-30	1600.33	N.A.	26.70
0-40	2627.42	N.A.	43.80
0-60	4673.29	N.A.	77.80
0-80	5874.08	N.A.	97.80
0-90	6003.44	N.A.	100.00
10-90	5808.98	N.A.	96.70
20-40	1875.12	N.A.	31.20
20-50	2946.4	N.A.	49.10
40-70	2798.6	N.A.	46.60
60-80	1200.79	N.A.	20.00
70-80	448.07	N.A.	7.50
80-90	129.36	N.A.	2.20
90-110	0.66	N.A.	0.00
90-120	0.68	N.A.	0.00
90-130	0.71	N.A.	0.00
90-150	0.73	N.A.	0.00
90-180	0.77	N.A.	0.00
110-180	0.12	N.A.	0.00
0-180	6004.21	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	194.46
10-20	557.83
20-30	848.03
30-40	1027.09
40-50	1071.28
50-60	974.60
60-70	752.72
70-80	448.07
80-90	129.36
90-100	0.55
100-110	0.10
110-120	0.03
120-130	0.03
130-140	0.01
140-150	0.01
150-160	0.02
160-170	0.02
170-180	0.01

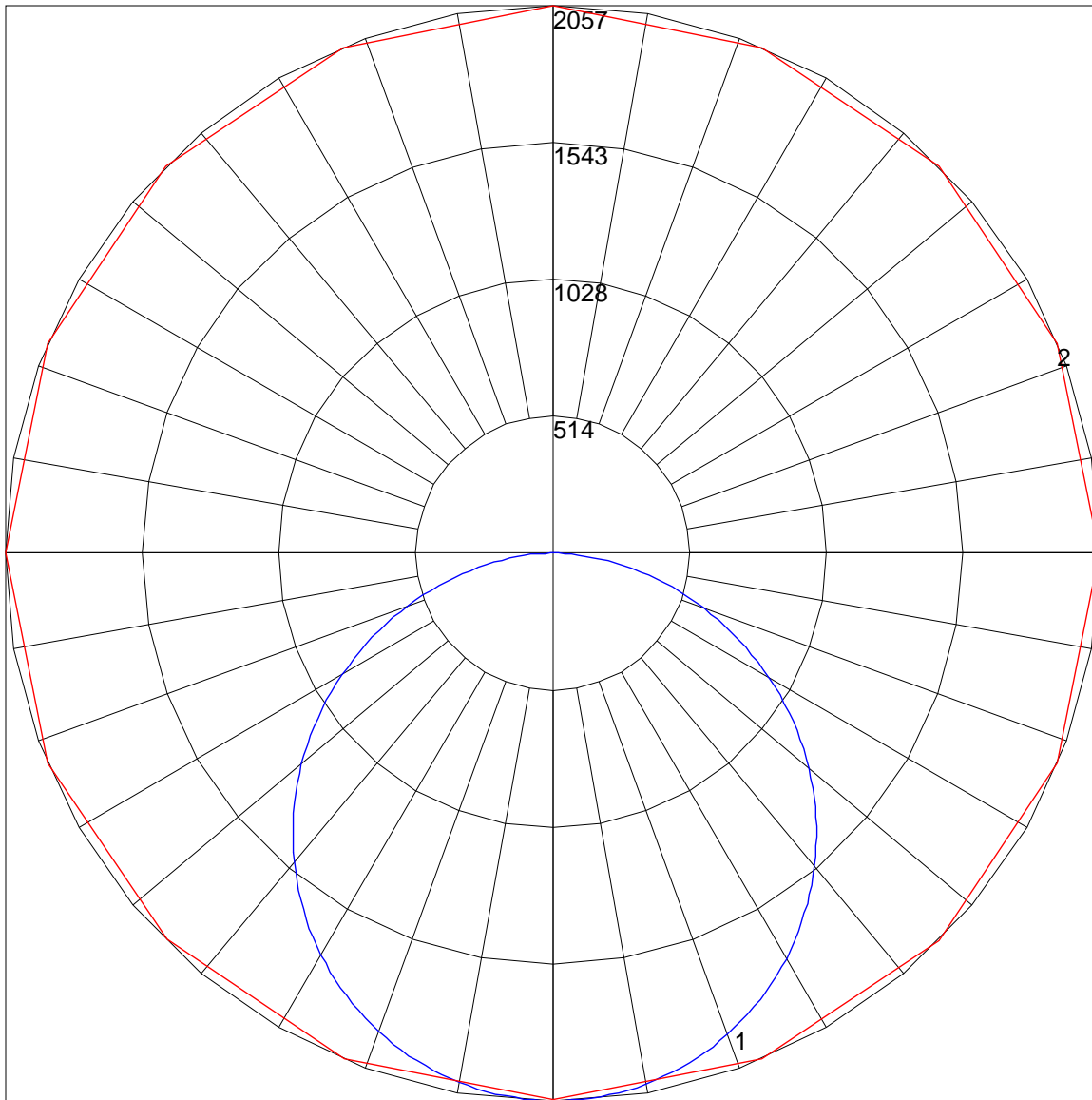
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : PLX-E-4-WT35-120-277V.IES**

**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	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	85	79	74	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	71	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	69	56	47	40	68	55	46	40	53	46	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	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 = 2056.85 Located At Horizontal Angle = 0, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)