



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST]  
 [TESTLAB]  
 [TESTDATE] 2018-11-14  
 [ISSUEDATE] 18-FEB-2002  
 [NEARFIELD]  
 [LAMPPOSITION] 0,0  
 [OTHER] Hopoo HPG1900 SYSTEM  
 [MANUFAC] SAYLITE  
 [LUMINAIRE] BFP24L40W5000LDMV40K

**CHARACTERISTICS**

Lumens Per Lamp	5266.6 (1 lamp)
Total Lamp Lumens	5266.6
Luminaire Lumens	5257
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	40.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.21 m
Luminous Width (90-270)	0.60 m
Luminous Height	0.00 m

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2423	2333	2423
55	2380	2247	2380
65	2325	2093	2325
75	2176	1792	2176
85	1883	1386	1883

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION**

	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
<b>0.0</b>	1788.31	1788.31	1788.31	1788.31	1788.31	1788.31	1788.31	1788.31	1788.31	1788.31
<b>0.5</b>	1788.65	1788.49	1788.33	1788.17	1788.01	1787.85	1787.70	1787.55	1787.40	1787.27
<b>1.0</b>	1789.00	1788.68	1788.36	1788.04	1787.72	1787.41	1787.10	1786.80	1786.51	1786.23
<b>1.5</b>	1789.00	1788.52	1788.06	1787.59	1787.14	1786.71	1786.29	1785.89	1785.52	1785.17
<b>2.0</b>	1789.00	1788.37	1787.74	1787.13	1786.53	1785.95	1785.39	1784.86	1784.36	1783.89
<b>2.5</b>	1788.88	1788.09	1787.31	1786.55	1785.82	1785.11	1784.44	1783.81	1783.20	1782.62
<b>3.0</b>	1788.77	1787.81	1786.87	1785.95	1785.06	1784.21	1783.40	1782.64	1781.94	1781.30
<b>3.5</b>	1788.11	1787.01	1785.96	1784.95	1784.01	1783.13	1782.33	1781.47	1780.65	1779.90
<b>4.0</b>	1787.45	1786.19	1784.99	1783.84	1782.77	1781.76	1780.85	1780.02	1779.28	1778.49
<b>4.5</b>	1786.50	1785.10	1783.77	1782.53	1781.39	1780.35	1779.36	1778.43	1777.61	1776.90
<b>5.0</b>	1785.55	1783.99	1782.52	1781.14	1779.87	1778.71	1777.68	1776.79	1775.93	1775.14
<b>5.5</b>	1784.38	1782.68	1781.09	1779.62	1778.28	1777.07	1775.94	1774.96	1774.13	1773.39
<b>6.0</b>	1783.20	1781.35	1779.62	1778.02	1776.57	1775.26	1774.12	1773.12	1772.21	1771.49
<b>6.5</b>	1781.91	1779.91	1778.04	1776.34	1774.82	1773.45	1772.22	1771.17	1770.30	1769.51
<b>7.0</b>	1780.62	1778.45	1776.44	1774.60	1772.96	1771.52	1770.29	1769.19	1768.27	1767.54
<b>7.5</b>	1779.22	1776.88	1774.73	1772.79	1771.07	1769.54	1768.22	1767.16	1766.23	1765.47
<b>8.0</b>	1777.81	1775.31	1773.00	1770.91	1769.07	1767.48	1766.15	1765.01	1764.14	1763.38
<b>8.5</b>	1775.46	1772.87	1770.60	1768.67	1767.05	1765.36	1763.95	1762.85	1761.93	1761.31
<b>9.0</b>	1773.11	1770.38	1767.99	1765.96	1764.29	1762.98	1761.73	1760.57	1759.71	1759.05
<b>9.5</b>	1770.73	1767.86	1765.36	1763.23	1761.50	1760.14	1759.17	1758.26	1757.39	1756.79
<b>10.0</b>	1768.35	1765.34	1762.71	1760.48	1758.67	1757.29	1756.28	1755.69	1755.02	1754.50
<b>10.5</b>	1765.88	1762.71	1759.96	1757.68	1755.84	1754.39	1753.40	1752.79	1752.61	1752.09
<b>11.0</b>	1763.42	1760.07	1757.17	1754.76	1752.87	1751.50	1750.46	1749.90	1749.72	1749.68
<b>11.5</b>	1760.72	1757.20	1754.21	1751.78	1749.84	1748.41	1747.53	1746.96	1746.84	1747.12
<b>12.0</b>	1758.03	1754.32	1751.16	1748.59	1746.65	1745.29	1744.40	1744.01	1743.93	1744.26
<b>12.5</b>	1754.18	1750.51	1747.55	1745.28	1743.34	1741.98	1741.22	1740.93	1740.99	1741.42
<b>13.0</b>	1750.34	1746.61	1743.62	1741.35	1739.76	1738.58	1737.89	1737.73	1738.06	1738.55
<b>13.5</b>	1746.90	1742.98	1739.81	1737.44	1735.86	1734.96	1734.43	1734.50	1734.91	1735.64
<b>14.0</b>	1743.46	1739.37	1736.08	1733.60	1731.98	1731.12	1730.89	1731.01	1731.69	1732.73
<b>14.5</b>	1739.47	1735.32	1732.08	1729.76	1728.07	1727.28	1727.14	1727.50	1728.43	1727.53
<b>15.0</b>	1735.49	1731.22	1727.89	1725.52	1724.10	1723.34	1723.43	1723.91	1724.93	1722.22
<b>15.5</b>	1731.53	1727.09	1723.67	1721.28	1719.84	1719.37	1719.50	1720.30	1720.81	1716.93
<b>16.0</b>	1727.58	1722.97	1719.40	1716.93	1715.58	1715.12	1715.55	1716.68	1715.36	1711.47
<b>16.5</b>	1723.39	1718.68	1715.08	1712.56	1711.15	1710.88	1711.45	1712.75	1709.89	1705.92
<b>17.0</b>	1719.20	1714.38	1710.69	1708.14	1706.71	1706.47	1707.26	1708.82	1704.39	1700.37
<b>17.5</b>	1714.47	1709.59	1706.05	1703.71	1702.27	1702.00	1703.01	1703.29	1698.60	1694.75
<b>18.0</b>	1709.74	1704.73	1701.10	1698.85	1697.84	1697.57	1698.56	1697.37	1692.77	1689.08
<b>18.5</b>	1704.92	1699.82	1696.13	1693.85	1692.98	1693.16	1694.11	1691.41	1686.90	1683.39
<b>19.0</b>	1700.10	1694.91	1691.16	1688.85	1687.97	1688.55	1689.74	1685.27	1680.86	1677.51
<b>19.5</b>	1695.06	1689.72	1686.03	1683.86	1682.99	1683.58	1685.17	1679.15	1674.81	1671.63
<b>20.0</b>	1690.01	1684.49	1680.66	1678.59	1678.02	1678.62	1678.95	1673.07	1668.70	1665.75
<b>20.5</b>	1684.19	1678.61	1675.02	1673.13	1672.81	1673.72	1672.47	1666.99	1662.55	1659.63
<b>21.0</b>	1678.37	1672.60	1668.88	1667.26	1667.31	1668.83	1666.00	1660.82	1656.44	1653.50
<b>21.5</b>	1673.32	1667.21	1662.96	1661.04	1661.57	1663.39	1659.59	1654.24	1650.27	1647.37
<b>22.0</b>	1668.28	1661.95	1657.53	1655.12	1655.32	1657.88	1653.18	1647.66	1644.07	1641.26
<b>22.5</b>	1662.05	1655.73	1651.76	1649.55	1649.17	1651.91	1646.33	1641.13	1637.82	1635.17
<b>23.0</b>	1655.83	1649.30	1645.19	1643.59	1643.54	1644.77	1639.41	1634.60	1631.20	1629.09
<b>23.5</b>	1648.43	1642.18	1638.49	1636.93	1637.88	1637.49	1632.23	1628.02	1624.58	1622.84
<b>24.0</b>	1641.04	1634.92	1631.41	1630.22	1631.20	1630.52	1624.76	1621.12	1617.98	1616.58
<b>24.5</b>	1634.70	1628.37	1624.50	1623.40	1624.51	1623.39	1617.37	1614.25	1611.41	1610.27
<b>25.0</b>	1628.36	1621.98	1618.12	1616.71	1617.97	1615.55	1610.23	1607.09	1604.83	1603.67
<b>25.5</b>	1621.48	1615.15	1611.65	1610.40	1611.49	1607.73	1603.06	1599.77	1598.10	1597.07
<b>26.0</b>	1614.60	1608.21	1604.71	1604.04	1605.23	1600.03	1595.47	1592.50	1591.32	1590.48
<b>26.5</b>	1607.52	1601.03	1597.72	1597.16	1599.05	1592.31	1587.77	1585.24	1584.56	1583.90

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

27.0	1600.43	1593.77	1590.37	1590.29	1592.57	1584.68	1580.01	1577.96	1577.45	1577.33
27.5	1593.46	1586.58	1583.02	1582.91	1585.30	1577.09	1572.08	1570.52	1570.36	1569.65
28.0	1586.50	1579.41	1575.71	1575.52	1577.15	1569.32	1564.11	1563.00	1563.25	1560.89
28.5	1578.75	1571.76	1568.37	1568.15	1568.63	1561.37	1556.31	1555.51	1555.94	1552.13
29.0	1571.01	1563.96	1560.60	1560.77	1560.11	1553.32	1548.49	1547.44	1548.60	1543.30
29.5	1563.50	1556.25	1552.83	1553.14	1551.64	1544.72	1540.59	1539.33	1541.28	1534.10
30.0	1555.99	1548.55	1545.03	1545.47	1543.18	1536.12	1532.67	1531.29	1532.02	1524.85
30.5	1547.61	1540.38	1537.24	1537.69	1534.47	1527.71	1524.64	1523.34	1522.68	1515.55
31.0	1539.24	1532.05	1529.04	1529.87	1525.75	1519.35	1516.05	1515.36	1512.84	1506.16
31.5	1530.98	1523.40	1520.84	1521.93	1516.91	1510.73	1507.45	1507.53	1502.79	1496.80
32.0	1522.73	1514.63	1511.73	1513.94	1508.06	1501.92	1499.15	1499.72	1492.80	1487.46
32.5	1514.12	1505.89	1502.53	1505.13	1499.12	1493.11	1490.97	1491.36	1482.96	1478.10
33.0	1505.52	1497.17	1493.73	1495.63	1490.14	1484.30	1482.59	1481.09	1473.15	1468.74
33.5	1495.54	1487.79	1484.98	1486.48	1480.50	1475.50	1473.78	1470.89	1463.37	1459.38
34.0	1485.56	1478.16	1475.85	1477.79	1470.33	1466.52	1464.96	1460.99	1453.63	1449.65
34.5	1476.33	1468.71	1466.68	1468.70	1460.39	1457.54	1456.27	1451.21	1443.87	1439.94
35.0	1467.10	1459.34	1457.32	1459.16	1450.83	1447.99	1447.61	1441.36	1434.05	1430.29
35.5	1457.43	1449.85	1447.91	1449.43	1441.29	1438.30	1438.85	1430.92	1424.14	1420.61
36.0	1447.77	1440.31	1438.57	1439.12	1431.77	1428.74	1429.96	1420.49	1414.30	1410.93
36.5	1439.08	1431.07	1429.27	1428.81	1422.25	1419.28	1419.64	1410.14	1404.50	1401.27
37.0	1430.39	1421.96	1419.90	1418.76	1411.65	1409.84	1408.72	1399.86	1394.62	1391.52
37.5	1420.07	1412.13	1410.47	1408.67	1400.97	1400.45	1397.74	1389.59	1384.73	1381.68
38.0	1409.75	1401.97	1400.72	1398.28	1390.57	1391.07	1386.69	1379.23	1374.67	1371.81
38.5	1399.65	1391.81	1390.83	1387.92	1380.24	1380.51	1375.66	1368.86	1364.42	1362.08
39.0	1389.56	1381.65	1380.82	1377.37	1370.04	1369.62	1364.65	1358.44	1354.18	1352.64
39.5	1379.81	1371.64	1370.73	1366.81	1359.98	1358.93	1353.69	1347.15	1343.98	1342.13
40.0	1370.06	1361.70	1360.69	1355.97	1349.78	1348.49	1342.76	1335.79	1333.80	1330.58
40.5	1359.31	1351.24	1350.68	1345.07	1339.26	1338.12	1331.16	1324.57	1323.63	1318.60
41.0	1348.56	1340.47	1340.36	1334.23	1328.70	1327.81	1319.09	1313.69	1313.47	1306.63
41.5	1338.26	1329.83	1329.73	1323.44	1317.84	1317.09	1307.13	1302.82	1303.34	1294.68
42.0	1327.97	1319.24	1319.06	1312.31	1306.99	1305.57	1295.63	1292.01	1292.95	1282.59
42.5	1317.01	1308.16	1308.34	1300.90	1296.33	1293.58	1284.20	1281.24	1280.19	1270.47
43.0	1306.06	1296.75	1297.22	1289.53	1285.72	1281.46	1273.88	1270.49	1266.83	1258.36
43.5	1294.79	1285.23	1285.52	1278.23	1274.63	1269.46	1264.76	1259.18	1253.56	1246.26
44.0	1283.52	1273.65	1273.79	1266.72	1263.32	1257.50	1255.90	1247.88	1240.69	1234.17
44.5	1270.30	1261.69	1262.06	1254.72	1252.18	1245.70	1242.77	1236.71	1228.23	1222.09
45.0	1257.09	1249.50	1250.51	1242.75	1241.30	1233.89	1229.22	1225.83	1215.77	1210.02
45.5	1245.39	1239.40	1239.40	1230.69	1230.36	1221.74	1216.29	1213.78	1203.36	1198.12
46.0	1233.69	1231.00	1228.86	1218.64	1219.07	1209.46	1204.69	1201.75	1191.02	1186.25
46.5	1222.30	1223.71	1222.51	1206.03	1207.84	1197.12	1193.13	1191.30	1178.69	1174.42
47.0	1210.92	1217.40	1216.40	1193.32	1195.68	1184.44	1181.49	1180.41	1166.24	1162.19
47.5	1198.59	1203.72	1212.46	1183.50	1182.69	1171.65	1169.81	1167.18	1153.30	1149.61
48.0	1186.26	1183.15	1206.20	1173.80	1168.67	1159.16	1158.12	1151.78	1140.34	1137.11
48.5	1174.33	1166.85	1179.45	1164.38	1154.23	1146.76	1146.34	1136.89	1127.38	1124.68
49.0	1162.40	1154.80	1153.50	1154.71	1140.51	1134.26	1134.61	1123.14	1114.60	1112.40
49.5	1150.04	1142.51	1140.78	1140.11	1127.77	1121.55	1120.73	1110.04	1101.80	1100.13
50.0	1137.69	1129.97	1128.06	1122.73	1114.98	1108.87	1105.86	1096.96	1088.98	1087.40
50.5	1124.81	1117.39	1114.90	1107.73	1101.72	1095.70	1091.16	1083.79	1075.75	1073.24
51.0	1111.94	1104.79	1101.74	1095.23	1088.44	1082.63	1077.42	1070.58	1062.05	1059.22
51.5	1099.61	1092.23	1086.92	1082.68	1075.10	1069.86	1063.88	1057.40	1047.97	1045.22
52.0	1087.28	1079.71	1071.50	1069.96	1061.78	1057.35	1050.33	1044.12	1034.75	1031.23
52.5	1074.06	1066.84	1059.55	1056.87	1048.52	1044.85	1036.61	1030.78	1023.34	1016.98
53.0	1060.84	1053.51	1048.97	1036.52	1035.28	1031.80	1022.94	1017.45	1011.02	1002.49
53.5	1033.31	1037.76	1036.26	1015.65	1022.02	1018.70	1009.10	1004.07	998.31	988.04
54.0	1005.78	1018.85	1022.59	1008.63	1008.36	1005.15	994.75	990.78	983.74	973.66
54.5	1003.60	1003.79	1008.30	1004.37	994.70	990.92	980.33	977.65	969.21	959.42

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

55.0	1001.42	994.05	993.70	993.37	978.70	976.68	966.19	964.56	954.71	945.31
55.5	989.84	982.97	979.69	978.98	962.67	962.35	952.38	951.39	940.17	931.24
56.0	978.26	969.96	966.11	964.52	949.39	948.03	938.60	936.78	925.60	917.23
56.5	964.52	956.57	952.10	950.08	938.73	933.60	924.76	921.57	911.05	903.05
57.0	950.79	942.53	937.45	935.55	927.31	918.77	910.96	906.44	896.53	888.81
57.5	937.25	928.64	922.87	920.80	912.01	904.00	897.25	891.33	881.86	874.73
58.0	923.72	915.08	908.57	906.11	896.57	889.33	883.37	876.22	867.21	860.80
58.5	909.55	901.30	894.41	890.19	881.84	874.69	869.41	860.25	852.60	847.03
59.0	895.39	886.99	880.65	874.44	867.63	860.06	855.46	844.43	838.03	833.23
59.5	881.14	872.77	866.86	859.26	853.20	845.67	840.69	828.76	823.57	818.65
60.0	866.88	858.76	852.55	844.25	838.35	831.36	825.26	813.61	809.12	802.97
60.5	852.49	844.78	838.28	829.51	823.56	816.94	809.87	798.71	794.69	787.33
61.0	838.10	830.86	823.95	815.04	808.40	802.02	794.28	783.86	780.13	771.83
61.5	823.64	816.72	809.61	800.47	792.95	787.33	778.63	769.02	765.14	756.37
62.0	809.19	801.66	795.59	785.42	777.39	772.87	763.01	754.01	749.30	740.92
62.5	794.51	786.68	781.63	770.38	761.84	758.51	747.37	739.00	733.15	725.48
63.0	779.83	772.27	767.16	755.51	746.37	744.20	731.78	723.99	717.15	710.06
63.5	765.26	757.59	752.54	740.71	731.24	729.14	716.27	709.07	701.48	694.67
64.0	750.70	740.80	738.03	726.08	716.32	713.09	700.89	694.28	685.86	679.32
64.5	735.70	724.03	723.57	711.56	701.44	697.06	685.65	679.09	670.29	664.02
65.0	720.70	708.20	707.89	696.90	686.20	680.21	670.43	663.24	654.76	648.78
65.5	705.82	692.49	692.18	681.66	671.06	663.17	655.24	647.40	639.12	633.52
66.0	690.94	677.83	676.30	666.12	656.05	646.39	639.85	631.59	623.46	618.10
66.5	673.45	663.16	660.29	650.20	641.17	630.22	624.51	615.82	607.83	602.71
67.0	655.96	647.51	644.28	634.41	626.35	614.31	609.21	600.10	592.20	587.35
67.5	640.84	631.78	628.31	618.10	611.57	598.46	593.19	584.30	576.64	572.02
68.0	625.73	616.16	612.42	601.28	596.24	582.84	576.60	568.54	561.23	556.52
68.5	610.22	600.60	595.48	584.79	579.90	567.43	560.19	552.87	545.85	541.00
69.0	594.71	585.48	578.59	569.23	563.57	552.11	543.94	537.29	530.50	525.55
69.5	579.97	570.38	562.48	553.81	547.27	536.72	528.17	521.77	515.18	510.11
70.0	565.23	555.03	546.73	538.68	531.02	521.08	512.59	506.27	499.66	494.70
70.5	549.75	539.70	531.05	523.82	514.85	505.46	497.12	490.82	484.16	479.30
71.0	534.26	524.40	515.53	509.03	498.81	489.29	481.76	475.41	468.69	463.92
71.5	519.24	509.14	500.15	493.28	482.87	473.47	466.16	460.05	453.25	448.41
72.0	504.21	494.13	484.89	477.38	466.55	457.76	450.50	444.66	437.85	432.86
72.5	488.93	479.25	469.65	461.76	450.19	442.12	434.84	429.23	422.48	417.35
73.0	473.64	464.36	454.27	446.53	433.78	426.60	419.17	413.85	407.10	401.87
73.5	458.56	449.51	438.60	430.18	417.85	411.24	403.76	398.52	391.75	386.41
74.0	443.48	434.67	422.88	413.90	402.07	395.99	388.55	383.25	376.44	370.98
74.5	428.31	419.84	407.44	397.76	386.60	380.83	373.21	367.96	361.19	355.57
75.0	413.14	404.99	392.14	381.78	371.42	365.73	357.97	352.71	345.98	340.23
75.5	398.57	390.29	377.19	366.16	356.47	350.67	342.81	337.53	330.82	324.93
76.0	384.01	376.12	362.36	350.74	341.67	335.76	327.79	322.42	315.70	310.99
76.5	369.27	362.45	347.35	335.44	326.99	320.86	312.87	307.36	300.66	297.29
77.0	354.53	346.76	332.31	320.00	312.04	305.86	298.01	292.37	286.17	283.64
77.5	337.58	330.79	317.40	304.56	297.08	290.90	283.24	277.34	272.72	270.02
78.0	320.64	314.65	302.60	289.18	282.13	276.07	268.54	262.30	259.31	256.44
78.5	306.50	297.17	287.19	274.00	267.30	261.36	253.89	248.11	245.93	242.89
79.0	292.36	280.07	270.39	259.08	252.86	246.77	239.28	234.62	232.58	229.37
79.5	278.11	264.08	253.87	244.38	238.34	232.29	224.72	221.23	219.27	215.89
80.0	263.86	248.31	237.51	229.90	223.94	217.80	211.13	207.95	205.99	202.43
80.5	248.84	232.58	221.21	215.68	209.67	203.34	198.14	194.78	192.71	188.99
81.0	233.81	216.88	205.04	201.67	195.50	188.93	185.22	181.70	179.46	175.56
81.5	219.65	201.39	189.05	187.87	181.48	175.33	172.36	168.69	166.25	162.15
82.0	205.48	186.36	174.69	173.61	167.60	162.66	159.57	155.72	153.07	148.76
82.5	190.68	171.46	161.42	159.46	153.86	150.11	146.83	142.78	139.92	135.39

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

83.0	175.89	158.01	148.25	145.48	140.49	137.73	134.14	129.87	126.79	123.03
83.5	161.49	144.24	135.31	131.66	128.16	125.44	121.49	117.00	113.70	114.41
84.0	147.10	130.26	122.91	118.00	115.93	113.22	108.88	104.15	104.86	105.79
84.5	133.74	114.84	110.21	104.46	103.77	101.06	96.31	93.81	96.34	97.19
85.0	120.38	99.47	97.00	92.28	91.68	88.96	84.11	85.53	87.84	88.61
85.5	92.59	83.36	83.78	80.69	79.66	76.91	75.96	77.26	79.35	80.04
86.0	64.80	71.22	70.64	69.29	67.69	66.97	67.83	69.00	70.86	71.47
86.5	62.71	60.89	58.91	58.04	55.77	58.95	59.72	60.75	62.39	62.92
87.0	60.62	51.17	48.27	46.94	47.82	50.95	51.63	52.51	53.92	54.37
87.5	48.83	39.70	37.87	36.89	40.33	42.97	43.55	44.28	45.46	45.84
88.0	37.05	27.77	27.66	30.09	32.89	35.01	35.48	36.06	37.00	37.30
88.5	26.47	18.57	19.84	23.36	25.47	27.06	27.42	27.84	28.55	28.78
89.0	15.89	11.26	14.30	16.68	18.08	19.12	19.36	19.63	20.10	20.25
89.5	12.85	6.88	8.82	10.02	10.70	11.19	11.32	11.42	11.66	11.73
90.0	9.81	3.44	3.38	3.38	3.33	3.27	3.27	3.21	3.21	3.21
90.5	3.64	3.51	3.43	3.43	3.38	3.33	3.33	3.27	3.27	3.26
91.0	3.90	3.57	3.48	3.47	3.44	3.39	3.38	3.32	3.33	3.32
91.5	3.67	3.63	3.54	3.52	3.50	3.45	3.44	3.38	3.39	3.37
92.0	3.44	3.69	3.59	3.56	3.56	3.51	3.50	3.43	3.44	3.42
92.5	3.70	3.75	3.65	3.61	3.62	3.57	3.56	3.49	3.50	3.48
93.0	3.96	3.80	3.71	3.67	3.68	3.63	3.61	3.54	3.56	3.53
93.5	3.96	3.86	3.78	3.73	3.73	3.69	3.67	3.60	3.62	3.58
94.0	3.96	3.95	3.86	3.79	3.79	3.75	3.73	3.66	3.67	3.64
94.5	4.22	4.06	3.94	3.86	3.85	3.81	3.78	3.72	3.73	3.69
95.0	4.47	4.16	4.00	3.94	3.90	3.87	3.84	3.77	3.79	3.75
95.5	4.47	4.21	4.05	4.02	3.96	3.93	3.89	3.83	3.85	3.80
96.0	4.47	4.25	4.10	4.09	4.01	3.99	3.95	3.89	3.90	3.86
96.5	4.70	4.29	4.15	4.14	4.07	4.05	4.01	3.95	3.96	3.91
97.0	4.93	4.32	4.19	4.20	4.12	4.11	4.06	4.02	4.02	3.97
97.5	4.93	4.36	4.24	4.25	4.17	4.16	4.11	4.08	4.07	4.03
98.0	4.93	4.38	4.28	4.31	4.22	4.22	4.17	4.14	4.13	4.09
98.5	4.93	4.41	4.33	4.36	4.27	4.27	4.22	4.21	4.19	4.14
99.0	4.93	4.54	4.43	4.41	4.32	4.33	4.28	4.27	4.24	4.20
99.5	4.93	4.72	4.54	4.46	4.38	4.38	4.33	4.33	4.30	4.26
100.0	4.93	4.84	4.61	4.51	4.46	4.44	4.38	4.39	4.35	4.32
100.5	5.19	4.87	4.57	4.55	4.55	4.49	4.44	4.44	4.40	4.39
101.0	5.45	4.89	4.53	4.60	4.64	4.57	4.49	4.50	4.44	4.45
101.5	5.45	4.92	4.62	4.64	4.73	4.65	4.54	4.56	4.49	4.51
102.0	5.45	4.94	4.85	4.71	4.79	4.73	4.59	4.61	4.53	4.56
102.5	5.45	5.11	5.09	4.82	4.84	4.82	4.64	4.67	4.57	4.62
103.0	5.45	5.28	5.15	4.94	4.89	4.91	4.69	4.72	4.60	4.68
103.5	5.68	5.20	5.19	5.05	4.94	4.97	4.74	4.76	4.64	4.75
104.0	5.91	5.06	5.22	5.09	5.02	5.02	4.79	4.80	4.67	4.81
104.5	5.68	5.26	5.26	5.13	5.11	5.07	4.84	4.84	4.74	4.87
105.0	5.45	5.64	5.29	5.17	5.20	5.13	4.89	4.87	4.80	4.93
105.5	5.94	5.82	5.32	5.21	5.28	5.18	4.93	4.91	4.87	4.99
106.0	6.42	5.84	5.35	5.25	5.33	5.23	4.98	4.95	4.95	5.04
106.5	6.42	5.86	5.45	5.33	5.38	5.28	5.03	5.02	5.02	5.09
107.0	6.42	5.88	5.63	5.47	5.43	5.33	5.08	5.08	5.09	5.13
107.5	6.42	5.89	5.78	5.62	5.47	5.38	5.16	5.15	5.16	5.17
108.0	6.42	5.91	5.81	5.69	5.52	5.42	5.23	5.22	5.21	5.21
108.5	6.42	5.98	5.84	5.72	5.56	5.47	5.31	5.30	5.26	5.25
109.0	6.42	6.21	5.86	5.77	5.68	5.52	5.40	5.39	5.31	5.30
109.5	6.68	6.38	5.89	5.90	5.81	5.56	5.50	5.47	5.36	5.37
110.0	6.94	6.40	6.01	6.04	5.95	5.61	5.60	5.57	5.41	5.43
110.5	6.94	6.41	6.21	6.12	6.00	5.65	5.70	5.66	5.46	5.50

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

111.0	6.94	6.43	6.34	6.16	6.04	5.69	5.79	5.73	5.51	5.57
111.5	6.94	6.46	6.36	6.20	6.08	5.73	5.84	5.78	5.56	5.64
112.0	6.94	6.69	6.41	6.23	6.12	5.78	5.89	5.83	5.61	5.71
112.5	7.20	6.91	6.58	6.26	6.16	5.82	5.94	5.88	5.66	5.77
113.0	7.46	6.92	6.76	6.37	6.20	5.86	5.96	5.92	5.73	5.82
113.5	7.46	6.94	6.79	6.55	6.24	5.90	5.96	5.92	5.82	5.87
114.0	7.46	7.14	6.81	6.70	6.28	5.96	5.95	5.91	5.92	5.92
114.5	7.68	7.35	6.84	6.73	6.31	6.07	5.94	5.90	6.01	5.98
115.0	7.91	7.37	6.86	6.77	6.35	6.18	6.04	5.92	6.10	6.03
115.5	7.91	7.38	6.99	6.80	6.39	6.30	6.14	6.02	6.19	6.08
116.0	7.91	7.39	7.20	6.83	6.42	6.44	6.24	6.13	6.27	6.13
116.5	7.91	7.40	7.33	6.86	6.45	6.58	6.35	6.23	6.36	6.18
117.0	7.91	7.61	7.35	6.89	6.49	6.67	6.48	6.31	6.45	6.23
117.5	8.17	7.85	7.37	6.91	6.52	6.72	6.60	6.36	6.48	6.28
118.0	8.43	7.90	7.39	6.94	6.55	6.76	6.70	6.40	6.49	6.33
118.5	8.43	7.91	7.41	6.97	6.67	6.75	6.74	6.45	6.49	6.38
119.0	8.43	7.92	7.43	6.99	6.82	6.70	6.79	6.49	6.50	6.43
119.5	8.43	7.93	7.45	7.02	6.97	6.65	6.81	6.54	6.56	6.48
120.0	8.43	7.94	7.47	7.05	7.14	6.74	6.76	6.58	6.66	6.53
120.5	8.43	7.95	7.49	7.07	7.31	6.86	6.70	6.65	6.75	6.58
121.0	8.43	7.96	7.51	7.13	7.36	7.00	6.69	6.77	6.85	6.63
121.5	8.43	7.97	7.52	7.30	7.40	7.15	6.82	6.90	6.91	6.67
122.0	8.43	7.97	7.54	7.47	7.38	7.31	6.96	7.02	6.96	6.76
122.5	8.43	7.98	7.56	7.67	7.29	7.42	7.08	7.13	7.00	6.86
123.0	8.43	7.99	7.69	7.87	7.20	7.46	7.12	7.24	7.05	6.97
123.5	8.43	8.00	7.88	7.94	7.35	7.49	7.16	7.36	7.10	7.08
124.0	8.43	8.14	8.10	7.96	7.50	7.43	7.20	7.37	7.14	7.16
124.5	8.66	8.36	8.32	7.90	7.67	7.34	7.23	7.34	7.19	7.21
125.0	8.89	8.59	8.45	7.77	7.86	7.29	7.27	7.31	7.24	7.26
125.5	9.15	8.83	8.46	7.74	8.01	7.45	7.36	7.36	7.28	7.31
126.0	9.41	8.93	8.41	7.92	8.04	7.62	7.51	7.48	7.33	7.33
126.5	9.41	8.94	8.24	8.10	8.07	7.70	7.67	7.60	7.37	7.31
127.0	9.41	8.83	8.18	8.31	7.96	7.74	7.81	7.69	7.42	7.28
127.5	9.18	8.63	8.38	8.52	7.83	7.77	7.94	7.73	7.46	7.26
128.0	8.95	8.66	8.59	8.55	7.86	7.80	8.08	7.78	7.50	7.31
128.5	9.18	8.88	8.82	8.58	8.06	7.84	8.04	7.82	7.59	7.43
129.0	9.41	9.11	9.02	8.45	8.21	7.95	7.98	7.86	7.73	7.54
129.5	9.66	9.36	9.03	8.28	8.24	8.12	7.95	7.90	7.86	7.67
130.0	9.92	9.48	9.04	8.34	8.27	8.30	8.09	7.94	7.98	7.73
130.5	9.92	9.49	8.84	8.55	8.29	8.46	8.23	7.98	8.02	7.78
131.0	9.92	9.37	8.63	8.69	8.32	8.62	8.32	8.02	8.07	7.82
131.5	9.66	9.14	8.86	8.71	8.45	8.62	8.36	8.06	8.11	7.87
132.0	9.41	9.14	9.09	8.73	8.65	8.53	8.40	8.10	8.06	7.91
132.5	9.66	9.39	9.12	8.75	8.84	8.47	8.43	8.14	8.00	7.96
133.0	9.92	9.52	9.13	8.79	9.02	8.63	8.47	8.24	7.94	8.00
133.5	9.92	9.53	9.15	9.01	9.18	8.80	8.51	8.40	8.04	8.05
134.0	9.92	9.54	9.16	9.23	9.06	8.86	8.54	8.56	8.18	8.09
134.5	9.92	9.54	9.35	9.42	8.93	8.89	8.58	8.63	8.33	8.13
135.0	9.92	9.66	9.58	9.62	9.05	8.93	8.61	8.67	8.41	8.18
135.5	10.18	9.90	9.80	9.52	9.23	8.96	8.65	8.71	8.45	8.22
136.0	10.44	10.14	10.01	9.37	9.32	8.99	8.69	8.64	8.49	8.26
136.5	10.67	10.36	9.96	9.45	9.35	9.02	8.86	8.55	8.53	8.31
137.0	10.90	10.41	9.78	9.65	9.37	9.05	9.04	8.49	8.57	8.39
137.5	10.67	10.20	9.83	9.75	9.40	9.08	9.15	8.65	8.61	8.51
138.0	10.44	10.16	10.04	9.77	9.42	9.10	9.19	8.82	8.65	8.64
138.5	10.67	10.38	10.14	9.79	9.45	9.17	9.22	8.94	8.69	8.73

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

139.0	10.90	10.52	10.16	9.81	9.47	9.37	9.11	8.98	8.73	8.69
139.5	10.90	10.53	10.17	9.82	9.50	9.57	8.99	9.02	8.77	8.65
140.0	10.90	10.54	10.18	9.84	9.52	9.62	9.01	9.05	8.81	8.61
140.5	10.90	10.54	10.20	9.86	9.67	9.65	9.19	9.09	8.85	8.72
141.0	10.90	10.55	10.21	9.88	9.88	9.59	9.38	9.13	8.94	8.84
141.5	10.90	10.56	10.22	9.91	10.02	9.44	9.42	9.16	9.08	8.98
142.0	10.90	10.56	10.23	10.14	10.04	9.36	9.45	9.20	9.23	9.00
142.5	10.90	10.57	10.32	10.37	10.02	9.56	9.49	9.23	9.25	8.95
143.0	10.90	10.65	10.56	10.40	9.84	9.77	9.52	9.27	9.18	8.89
143.5	11.15	10.91	10.74	10.42	9.68	9.82	9.55	9.30	9.11	8.92
144.0	11.41	11.08	10.75	10.25	9.90	9.85	9.58	9.41	9.19	9.05
144.5	11.41	11.09	10.71	10.05	10.12	9.87	9.61	9.57	9.34	9.19
145.0	11.41	11.02	10.49	10.18	10.18	9.90	9.64	9.73	9.49	9.30
145.5	11.15	10.78	10.36	10.41	10.20	9.93	9.67	9.65	9.46	9.34
146.0	10.90	10.68	10.60	10.50	10.22	9.95	9.71	9.56	9.38	9.39
146.5	11.15	10.93	10.81	10.52	10.24	9.98	9.89	9.55	9.30	9.44
147.0	11.41	11.12	10.82	10.54	10.26	10.00	10.07	9.71	9.45	9.60
147.5	11.41	11.12	10.83	10.55	10.28	10.03	10.05	9.88	9.60	9.76
148.0	11.41	11.13	10.84	10.57	10.31	10.17	9.93	9.85	9.74	9.92
148.5	11.41	11.13	10.86	10.59	10.33	10.36	9.88	9.75	9.78	9.97
149.0	11.41	11.14	10.87	10.60	10.37	10.42	10.06	9.68	9.81	10.01
149.5	11.41	11.14	10.88	10.62	10.57	10.28	10.24	9.85	9.90	10.05
150.0	11.41	11.15	10.89	10.68	10.77	10.17	10.18	10.02	10.08	9.98
150.5	11.41	11.15	10.90	10.89	10.63	10.37	10.05	10.12	10.26	9.89
151.0	11.41	11.21	11.11	11.04	10.47	10.56	10.06	10.15	10.36	9.80
151.5	11.64	11.44	11.33	10.86	10.59	10.47	10.24	10.18	10.40	9.82
152.0	11.87	11.56	11.16	10.71	10.80	10.32	10.42	10.38	10.44	9.86
152.5	11.64	11.35	10.96	10.92	10.77	10.38	10.45	10.58	10.36	9.90
153.0	11.41	11.23	11.14	11.13	10.61	10.57	10.48	10.71	10.25	10.05
153.5	11.64	11.45	11.36	10.96	10.61	10.71	10.62	10.74	10.14	10.22
154.0	11.87	11.59	11.22	10.77	10.82	10.74	10.84	10.77	10.17	10.40
154.5	11.64	11.37	11.01	10.95	10.97	10.78	11.00	10.66	10.21	10.46
155.0	11.41	11.24	11.16	11.16	10.99	11.00	11.03	10.52	10.29	10.50
155.5	11.64	11.47	11.39	11.22	11.04	11.23	11.06	10.44	10.48	10.54
156.0	11.87	11.65	11.44	11.23	11.27	11.29	10.93	10.47	10.67	10.58
156.5	11.87	11.66	11.45	11.41	11.51	11.31	10.77	10.51	10.78	10.62
157.0	11.87	11.71	11.64	11.66	11.53	11.22	10.70	10.68	10.81	10.66
157.5	12.13	11.97	11.89	11.76	11.55	11.04	10.73	10.89	10.85	10.70
158.0	12.39	12.18	11.97	11.77	11.39	10.93	10.79	11.04	10.88	10.74
158.5	12.39	12.18	11.98	11.66	11.19	10.95	11.01	11.07	10.92	10.78
159.0	12.39	12.15	11.83	11.44	11.14	10.99	11.23	11.11	10.96	10.82
159.5	12.13	11.90	11.60	11.33	11.16	11.23	11.29	11.14	10.99	10.86
160.0	11.87	11.69	11.52	11.35	11.30	11.46	11.32	11.17	11.03	10.90
160.5	11.87	11.70	11.53	11.45	11.54	11.51	11.35	11.20	11.06	10.94
161.0	11.87	11.74	11.69	11.70	11.69	11.53	11.38	11.23	11.10	10.97
161.5	12.13	12.00	11.94	11.88	11.71	11.56	11.41	11.27	11.13	11.01
162.0	12.39	12.22	12.05	11.89	11.73	11.58	11.43	11.30	11.17	11.05
162.5	12.39	12.22	12.06	11.91	11.75	11.60	11.46	11.33	11.20	11.09
163.0	12.39	12.23	12.07	11.92	11.77	11.63	11.49	11.36	11.24	11.13
163.5	12.39	12.23	12.08	11.93	11.79	11.65	11.52	11.39	11.27	11.17
164.0	12.39	12.24	12.09	11.95	11.81	11.67	11.55	11.42	11.31	11.20
164.5	12.39	12.24	12.10	11.96	11.83	11.70	11.57	11.45	11.34	11.24
165.0	12.39	12.25	12.11	11.98	11.85	11.72	11.60	11.49	11.38	11.28
165.5	12.39	12.25	12.12	11.99	11.87	11.74	11.63	11.52	11.41	11.32
166.0	12.39	12.26	12.13	12.01	11.88	11.77	11.65	11.55	11.45	11.36
166.5	12.39	12.26	12.14	12.02	11.90	11.79	11.68	11.58	11.48	11.39

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

167.0	12.39	12.27	12.15	12.03	11.92	11.81	11.71	11.61	11.52	11.43
167.5	12.39	12.27	12.16	12.05	11.94	11.83	11.73	11.64	11.55	11.55
168.0	12.39	12.28	12.17	12.06	11.96	11.86	11.76	11.67	11.58	11.73
168.5	12.39	12.28	12.18	12.08	11.98	11.88	11.79	11.70	11.71	11.91
169.0	12.39	12.29	12.19	12.09	11.99	11.90	11.81	11.73	11.90	11.89
169.5	12.39	12.29	12.20	12.10	12.01	11.93	11.84	11.94	12.10	11.78
170.0	12.39	12.30	12.21	12.12	12.03	11.95	12.02	12.14	11.99	11.68
170.5	12.39	12.30	12.22	12.13	12.08	12.14	12.23	12.15	11.87	11.69
171.0	12.39	12.32	12.29	12.28	12.31	12.36	12.26	12.01	11.79	11.73
171.5	12.62	12.55	12.52	12.51	12.52	12.32	12.10	11.88	11.82	11.76
172.0	12.85	12.76	12.64	12.50	12.33	12.14	11.97	11.91	11.85	11.80
172.5	12.62	12.53	12.43	12.29	12.14	12.06	12.00	11.94	11.89	11.84
173.0	12.39	12.32	12.26	12.20	12.14	12.08	12.02	11.97	11.92	11.90
173.5	12.39	12.33	12.27	12.21	12.16	12.10	12.05	12.00	11.97	12.09
174.0	12.39	12.33	12.28	12.23	12.17	12.12	12.08	12.07	12.17	12.28
174.5	12.39	12.34	12.29	12.24	12.19	12.15	12.21	12.28	12.37	12.42
175.0	12.39	12.35	12.33	12.33	12.35	12.38	12.43	12.49	12.50	12.46
175.5	12.62	12.58	12.56	12.56	12.58	12.60	12.60	12.56	12.53	12.50
176.0	12.85	12.81	12.77	12.73	12.70	12.66	12.63	12.60	12.57	12.46
176.5	12.85	12.81	12.78	12.75	12.72	12.68	12.66	12.57	12.46	12.34
177.0	12.85	12.81	12.77	12.71	12.65	12.58	12.50	12.41	12.32	12.22
177.5	12.62	12.59	12.55	12.51	12.46	12.40	12.33	12.26	12.26	12.31
178.0	12.39	12.37	12.37	12.36	12.37	12.39	12.41	12.43	12.47	12.51
178.5	12.62	12.61	12.60	12.60	12.60	12.61	12.63	12.65	12.67	12.70
179.0	12.85	12.84	12.83	12.82	12.81	12.80	12.79	12.78	12.78	12.77
179.5	12.85	12.84	12.84	12.83	12.83	12.82	12.82	12.81	12.81	12.81
180.0	12.85	12.85	12.85	12.85	12.85	12.85	12.85	12.85	12.85	12.85

**Vert. Horizontal Angles**

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>
0.0	1788.31	1788.31	1788.31	1788.31	1788.31	1788.31	1788.31	1788.31	1788.31
0.5	1787.14	1787.02	1786.90	1786.80	1786.71	1786.64	1786.57	1786.52	1788.65
1.0	1785.98	1785.73	1785.51	1785.31	1785.13	1784.97	1784.84	1784.74	1789.00
1.5	1784.82	1784.46	1784.12	1783.82	1783.55	1783.31	1783.11	1782.95	1789.00
2.0	1783.47	1783.09	1782.75	1782.34	1781.97	1781.66	1781.39	1781.17	1789.00
2.5	1782.09	1781.61	1781.18	1780.82	1780.41	1780.01	1779.67	1779.40	1788.88
3.0	1780.70	1780.13	1779.62	1779.19	1778.83	1778.36	1777.95	1777.62	1788.77
3.5	1779.23	1778.65	1778.06	1777.55	1777.13	1776.72	1776.24	1775.84	1788.11
4.0	1777.72	1777.06	1776.49	1775.91	1775.43	1775.06	1774.53	1774.07	1787.45
4.5	1776.20	1775.46	1774.83	1774.28	1773.74	1773.31	1772.82	1772.30	1786.50
5.0	1774.48	1773.85	1773.15	1772.59	1772.04	1771.57	1771.11	1770.53	1785.55
5.5	1772.67	1772.10	1771.47	1770.86	1770.35	1769.83	1769.41	1768.76	1784.38
6.0	1770.85	1770.23	1769.77	1769.11	1768.62	1768.08	1767.68	1766.99	1783.20
6.5	1768.92	1768.36	1767.87	1767.36	1766.84	1766.34	1765.90	1765.23	1781.91
7.0	1766.90	1766.48	1765.96	1765.59	1765.05	1764.60	1764.12	1763.46	1780.62
7.5	1764.88	1764.43	1764.05	1763.70	1763.25	1762.85	1762.35	1761.70	1779.22
8.0	1762.81	1762.38	1762.15	1761.77	1761.44	1761.07	1760.57	1759.94	1777.81
8.5	1760.70	1760.32	1760.09	1759.85	1759.62	1759.25	1758.79	1758.18	1775.46
9.0	1758.59	1758.23	1758.02	1757.92	1757.76	1757.42	1757.02	1756.42	1773.11
9.5	1756.44	1756.10	1755.95	1755.99	1755.82	1755.58	1755.24	1754.67	1770.73
10.0	1754.15	1753.98	1753.87	1753.93	1753.89	1753.74	1753.46	1752.91	1768.35
10.5	1751.86	1751.87	1751.75	1751.86	1751.95	1750.99	1749.60	1748.36	1765.88
11.0	1749.54	1749.57	1749.64	1749.79	1747.90	1746.23	1744.83	1743.58	1763.42
11.5	1747.11	1747.27	1747.52	1745.03	1743.13	1741.46	1740.07	1738.80	1760.72
12.0	1744.67	1744.96	1742.84	1740.22	1738.31	1736.64	1735.26	1733.98	1758.03



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

12.5	1742.22	1740.87	1737.98	1735.39	1733.42	1731.80	1730.44	1729.16	1754.18
13.0	1739.25	1735.96	1733.10	1730.57	1728.54	1726.96	1725.61	1724.34	1750.34
13.5	1734.15	1731.04	1728.23	1725.74	1723.66	1722.12	1720.79	1719.51	1746.90
14.0	1729.07	1726.08	1723.36	1720.93	1718.78	1717.28	1715.97	1714.69	1743.46
14.5	1723.91	1720.93	1718.36	1716.07	1713.91	1712.43	1711.14	1709.87	1739.47
15.0	1718.71	1715.79	1713.30	1711.12	1709.03	1707.58	1706.32	1705.05	1735.49
15.5	1713.50	1710.67	1708.22	1706.19	1704.14	1702.74	1701.49	1700.23	1731.53
16.0	1708.18	1705.51	1703.12	1701.26	1699.26	1697.84	1696.66	1695.42	1727.58
16.5	1702.82	1700.20	1697.97	1696.33	1694.39	1692.92	1691.84	1690.60	1723.39
17.0	1697.49	1694.88	1692.82	1691.30	1689.51	1688.01	1687.01	1685.78	1719.20
17.5	1692.03	1689.55	1687.70	1686.14	1684.65	1683.10	1682.18	1680.97	1714.47
18.0	1686.42	1684.18	1682.60	1680.97	1679.74	1678.18	1677.31	1676.15	1709.74
18.5	1680.80	1678.82	1677.36	1675.77	1674.77	1673.27	1672.43	1671.34	1704.92
19.0	1675.15	1673.48	1671.98	1670.55	1669.81	1668.37	1667.56	1666.53	1700.10
19.5	1669.36	1668.12	1666.58	1665.38	1664.86	1663.46	1662.68	1661.71	1695.06
20.0	1663.54	1662.48	1661.18	1660.27	1659.91	1658.56	1657.80	1656.90	1690.01
20.5	1657.69	1656.85	1655.79	1655.19	1654.97	1653.65	1651.73	1649.70	1684.19
21.0	1651.80	1651.21	1650.46	1650.12	1649.96	1646.83	1644.09	1642.10	1678.37
21.5	1645.91	1645.46	1645.15	1645.07	1642.97	1639.22	1636.47	1634.50	1673.32
22.0	1640.03	1639.58	1639.86	1639.22	1635.06	1631.61	1628.84	1626.89	1668.28
22.5	1633.94	1633.67	1634.54	1631.21	1627.16	1624.00	1621.23	1619.29	1662.05
23.0	1627.79	1627.73	1627.88	1623.19	1619.28	1616.39	1613.62	1611.68	1655.83
23.5	1621.62	1621.86	1619.72	1615.16	1611.41	1608.79	1606.01	1604.08	1648.43
24.0	1615.53	1615.82	1611.57	1607.12	1603.56	1601.14	1598.37	1596.44	1641.04
24.5	1609.53	1607.63	1603.42	1599.14	1595.83	1593.41	1590.70	1588.79	1634.70
25.0	1603.55	1599.42	1595.11	1591.21	1588.11	1585.66	1583.03	1581.15	1628.36
25.5	1597.14	1590.96	1586.79	1583.26	1580.38	1577.90	1575.35	1573.50	1621.48
26.0	1588.64	1582.53	1578.51	1575.31	1572.66	1570.13	1567.67	1565.86	1614.60
26.5	1580.13	1574.11	1570.25	1567.35	1564.93	1562.35	1559.99	1558.21	1607.52
27.0	1571.62	1565.74	1562.00	1559.32	1557.20	1554.55	1552.31	1550.56	1600.43
27.5	1562.89	1557.44	1553.74	1551.16	1549.29	1546.75	1544.63	1542.91	1593.46
28.0	1554.15	1549.14	1545.48	1543.01	1541.23	1538.93	1536.94	1535.26	1586.50
28.5	1545.43	1540.83	1537.21	1534.88	1533.16	1531.09	1529.25	1527.60	1578.75
29.0	1536.70	1532.38	1528.93	1526.75	1525.09	1523.26	1521.55	1519.95	1571.01
29.5	1527.98	1523.81	1520.54	1518.63	1517.01	1515.44	1513.86	1512.30	1563.50
30.0	1519.25	1515.24	1512.16	1510.44	1508.93	1507.63	1506.16	1504.64	1555.99
30.5	1510.51	1506.68	1503.80	1502.28	1500.84	1499.84	1497.90	1494.96	1547.61
31.0	1501.69	1498.02	1495.45	1494.14	1492.82	1491.39	1487.75	1484.79	1539.24
31.5	1492.85	1489.33	1487.11	1486.03	1484.81	1481.12	1477.60	1474.63	1530.98
32.0	1484.02	1480.67	1478.76	1477.94	1474.73	1470.84	1467.44	1464.47	1522.73
32.5	1474.79	1472.01	1470.42	1469.73	1464.33	1460.56	1457.27	1454.31	1514.12
33.0	1465.35	1463.31	1462.06	1459.05	1453.93	1450.28	1447.10	1444.14	1505.52
33.5	1455.87	1454.60	1453.69	1448.37	1443.53	1439.99	1436.92	1433.98	1495.54
34.0	1446.43	1445.89	1443.70	1437.71	1433.12	1429.70	1426.73	1423.82	1485.56
34.5	1437.21	1437.18	1432.82	1427.05	1422.69	1419.41	1416.53	1413.65	1476.33
35.0	1428.02	1428.39	1421.95	1416.40	1412.27	1409.11	1406.33	1403.49	1467.10
35.5	1418.86	1418.12	1411.09	1405.69	1401.86	1398.81	1396.12	1393.32	1457.43
36.0	1409.60	1407.05	1400.20	1394.97	1391.45	1388.51	1385.91	1383.16	1447.77
36.5	1400.31	1395.99	1389.28	1384.25	1381.06	1378.21	1375.68	1372.99	1439.08
37.0	1391.03	1384.50	1378.34	1373.53	1370.68	1367.90	1365.45	1362.82	1430.39
37.5	1379.72	1372.96	1367.41	1362.80	1360.28	1357.52	1355.16	1352.65	1420.07
38.0	1368.25	1361.47	1356.47	1352.07	1349.70	1347.12	1344.87	1342.47	1409.75
38.5	1356.76	1350.04	1345.53	1341.38	1339.12	1336.74	1334.58	1332.29	1399.65
39.0	1345.24	1338.83	1334.61	1330.69	1328.51	1326.37	1324.30	1322.10	1389.56
39.5	1333.63	1327.71	1323.71	1320.00	1317.89	1316.02	1314.03	1311.92	1379.81
40.0	1321.95	1316.60	1312.83	1309.33	1307.25	1305.69	1303.75	1301.73	1370.06

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

40.5	1310.29	1305.49	1301.96	1298.66	1296.60	1295.38	1293.19	1289.82	1359.31
41.0	1298.63	1294.31	1290.97	1287.92	1285.93	1285.00	1280.75	1277.44	1348.56
41.5	1286.85	1283.03	1279.94	1277.14	1275.32	1272.49	1268.32	1265.06	1338.26
42.0	1275.06	1271.75	1268.91	1266.36	1263.75	1259.98	1255.88	1252.69	1327.97
42.5	1263.30	1260.47	1257.89	1255.59	1251.09	1247.38	1243.45	1240.31	1317.01
43.0	1251.56	1249.16	1246.88	1243.98	1238.43	1234.76	1231.02	1227.93	1306.06
43.5	1240.02	1237.60	1235.81	1231.16	1225.77	1222.15	1218.59	1215.56	1294.79
44.0	1228.47	1226.02	1224.77	1218.28	1213.13	1209.54	1206.16	1203.18	1283.52
44.5	1216.91	1214.42	1212.07	1205.34	1200.50	1196.94	1193.73	1190.81	1270.30
45.0	1205.30	1202.80	1198.97	1192.39	1187.87	1184.35	1181.27	1178.44	1257.09
45.5	1193.52	1191.25	1185.85	1179.46	1175.12	1171.76	1168.79	1166.07	1245.39
46.0	1181.76	1178.56	1172.72	1166.53	1162.37	1159.17	1156.32	1153.70	1233.69
46.5	1170.02	1165.15	1159.56	1153.60	1149.63	1146.60	1143.84	1141.33	1222.30
47.0	1158.26	1151.76	1146.42	1140.68	1136.90	1134.02	1131.37	1128.96	1210.92
47.5	1146.35	1138.38	1133.28	1127.87	1124.17	1121.45	1118.90	1116.59	1198.59
48.0	1133.02	1124.97	1120.16	1115.06	1111.45	1108.85	1106.43	1104.22	1186.26
48.5	1119.32	1111.59	1107.04	1102.26	1098.74	1096.24	1093.95	1091.85	1174.33
49.0	1105.63	1098.21	1093.78	1089.47	1086.03	1083.63	1081.48	1079.48	1162.40
49.5	1091.92	1084.86	1080.52	1076.68	1073.33	1071.00	1069.01	1067.12	1150.04
50.0	1078.22	1071.51	1067.26	1063.89	1060.62	1058.38	1056.54	1054.75	1137.69
50.5	1064.51	1058.14	1054.02	1051.07	1047.91	1045.74	1043.80	1040.86	1124.81
51.0	1050.79	1044.77	1040.78	1038.11	1035.19	1033.01	1029.42	1026.54	1111.94
51.5	1037.30	1031.40	1027.56	1025.16	1022.48	1018.55	1015.03	1012.23	1099.61
52.0	1023.85	1018.04	1014.39	1012.21	1008.80	1004.09	1000.65	997.92	1087.28
52.5	1010.41	1004.70	1001.28	999.26	994.21	989.64	986.27	983.61	1074.06
53.0	996.98	991.42	988.21	985.39	979.64	975.20	971.90	969.29	1060.84
53.5	983.21	978.17	975.18	970.63	965.08	960.76	957.53	954.97	1033.31
54.0	969.09	964.94	962.18	955.87	950.53	946.33	943.17	940.65	1005.78
54.5	954.96	951.74	947.35	941.06	935.98	931.90	928.81	926.33	1003.60
55.0	940.82	938.53	932.35	926.27	921.44	917.47	914.46	912.01	1001.42
55.5	926.68	925.12	917.37	911.50	906.90	903.03	900.11	897.70	989.84
56.0	912.89	909.93	902.41	896.75	892.36	888.60	885.76	883.38	978.26
56.5	899.16	894.76	887.47	882.02	877.82	874.17	871.41	869.07	964.52
57.0	885.46	879.60	872.55	867.31	863.28	859.74	857.06	854.76	950.79
57.5	871.08	864.47	857.65	852.61	848.75	845.31	842.72	840.45	937.25
58.0	855.88	849.28	842.76	837.94	834.22	830.88	828.38	826.15	923.72
58.5	840.66	834.09	827.89	823.28	819.69	816.44	814.04	811.84	909.55
59.0	825.46	818.93	813.04	808.62	805.12	802.01	799.70	797.54	895.39
59.5	810.28	803.80	798.20	793.97	790.52	787.58	785.37	783.24	881.14
60.0	795.11	788.70	783.39	779.33	775.92	773.15	771.04	768.94	866.88
60.5	779.93	773.63	768.59	764.69	761.32	758.71	756.50	753.97	852.49
61.0	764.58	758.68	753.81	750.06	746.73	744.03	741.34	738.85	838.10
61.5	749.24	743.80	738.99	735.44	732.14	728.78	726.17	723.72	823.64
62.0	733.93	728.92	724.13	720.82	716.82	713.53	711.00	708.60	809.19
62.5	718.63	714.06	709.28	706.00	701.48	698.29	695.83	693.47	794.51
63.0	703.35	699.20	694.44	690.57	686.15	683.04	680.66	678.34	779.83
63.5	688.13	684.35	679.53	675.15	670.84	667.80	665.49	663.21	765.26
64.0	672.95	669.47	664.04	659.74	655.53	652.57	650.32	648.08	750.70
64.5	657.79	654.48	648.57	644.33	640.23	637.33	635.13	632.95	735.70
65.0	642.63	639.12	633.11	628.93	624.98	622.10	619.93	617.82	720.70
65.5	627.49	623.52	617.70	613.54	609.73	606.87	604.73	602.68	705.82
66.0	612.36	607.92	602.33	598.16	594.49	591.65	589.53	587.55	690.94
66.5	596.93	592.34	586.97	582.79	579.25	576.42	574.33	572.41	673.45
67.0	581.41	576.78	571.61	567.42	564.01	561.20	559.13	557.27	655.96
67.5	565.91	561.22	556.27	552.06	548.78	545.98	543.93	542.14	640.84
68.0	550.43	545.69	540.94	536.70	533.54	530.77	528.73	527.00	625.73

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

68.5	534.98	530.17	525.63	521.34	518.31	515.55	513.53	511.86	610.22
69.0	519.55	514.68	510.32	506.01	503.08	500.34	498.33	496.72	594.71
69.5	504.13	499.20	495.02	490.69	487.86	485.12	483.13	481.57	579.97
70.0	488.65	483.74	479.72	475.39	472.63	469.90	467.94	466.43	565.23
70.5	473.20	468.31	464.39	460.11	457.41	454.68	453.16	452.05	549.75
71.0	457.77	452.88	449.07	444.84	442.19	440.21	438.91	437.81	534.26
71.5	442.38	437.48	433.76	429.59	427.76	426.00	424.66	423.56	519.24
72.0	427.00	422.11	418.47	414.92	413.59	411.79	410.42	409.31	504.21
72.5	411.66	406.76	403.19	400.81	399.41	397.58	396.18	395.07	488.93
73.0	396.34	391.43	389.05	386.69	385.23	383.38	381.94	380.82	473.64
73.5	381.05	376.38	374.93	372.58	371.06	369.19	367.71	366.58	458.56
74.0	365.81	362.40	360.83	358.47	356.89	354.99	353.47	352.34	443.48
74.5	350.80	348.42	346.74	344.37	342.73	340.80	339.24	338.10	428.31
75.0	336.93	334.46	332.66	330.27	328.58	326.61	325.01	323.86	413.14
75.5	323.07	320.52	318.60	316.18	314.43	312.43	310.78	309.62	398.57
76.0	309.23	306.58	304.55	302.10	300.29	298.24	296.56	295.38	384.01
76.5	295.42	292.66	290.50	288.02	286.15	284.06	282.33	281.15	369.27
77.0	281.62	278.76	276.47	273.94	272.02	269.89	268.11	266.91	354.53
77.5	267.84	264.86	262.45	259.88	257.89	255.71	253.89	252.67	337.58
78.0	254.07	250.97	248.44	245.81	243.77	241.54	239.67	238.44	320.64
78.5	240.33	237.10	234.45	231.75	229.65	227.37	225.45	224.21	306.50
79.0	226.60	223.25	220.46	217.70	215.54	213.20	211.23	209.97	292.36
79.5	212.90	209.42	206.49	203.65	201.43	199.03	197.01	195.74	278.11
80.0	199.21	195.60	192.52	189.60	187.33	184.87	182.80	181.51	263.86
80.5	185.55	181.80	178.57	175.56	173.22	172.44	172.31	172.21	248.84
81.0	171.89	168.01	164.62	162.34	163.36	163.52	163.40	163.32	233.81
81.5	158.26	154.23	152.55	153.48	154.44	154.60	154.49	154.42	219.65
82.0	144.63	142.66	143.73	144.62	145.53	145.68	145.58	145.52	205.48
82.5	132.92	133.92	134.93	135.76	136.62	136.77	136.67	136.62	190.68
83.0	124.23	125.18	126.12	126.91	127.71	127.85	127.77	127.72	175.89
83.5	115.55	116.44	117.32	118.06	118.81	118.94	118.86	118.82	161.49
84.0	106.88	107.71	108.53	109.21	109.90	110.02	109.95	109.92	147.10
84.5	98.22	98.99	99.73	100.36	101.00	101.11	101.05	101.02	133.74
85.0	89.56	90.26	90.94	91.52	92.09	92.20	92.14	92.12	120.38
85.5	80.90	81.54	82.16	82.68	83.19	83.28	83.24	83.22	92.59
86.0	72.25	72.83	73.37	73.84	74.29	74.37	74.33	74.32	64.80
86.5	63.61	64.11	64.59	65.00	65.39	65.46	65.43	65.41	62.71
87.0	54.96	55.40	55.81	56.16	56.49	56.55	56.52	56.51	60.62
87.5	46.32	46.69	47.03	47.32	47.59	47.64	47.62	47.61	48.83
88.0	37.69	37.98	38.25	38.49	38.69	38.73	38.71	38.71	37.05
88.5	29.05	29.27	29.48	29.66	29.79	29.82	29.81	29.81	26.47
89.0	20.42	20.57	20.70	20.82	20.89	20.91	20.90	20.90	15.89
89.5	11.79	11.86	11.93	11.99	11.99	12.01	12.00	12.00	12.85
90.0	3.15	3.15	3.15	3.15	3.10	3.10	3.10	3.10	9.81
90.5	3.21	3.21	3.21	3.20	3.15	3.15	3.15	3.15	3.64
91.0	3.27	3.27	3.26	3.26	3.20	3.20	3.20	3.20	3.90
91.5	3.32	3.32	3.31	3.31	3.25	3.26	3.25	3.25	3.67
92.0	3.38	3.38	3.37	3.36	3.30	3.31	3.31	3.30	3.44
92.5	3.43	3.43	3.42	3.41	3.36	3.36	3.36	3.36	3.70
93.0	3.49	3.49	3.47	3.46	3.41	3.42	3.41	3.41	3.96
93.5	3.55	3.54	3.52	3.51	3.46	3.47	3.46	3.46	3.96
94.0	3.60	3.60	3.58	3.56	3.51	3.52	3.52	3.51	3.96
94.5	3.66	3.65	3.63	3.61	3.56	3.58	3.57	3.56	4.22
95.0	3.71	3.71	3.68	3.66	3.62	3.63	3.62	3.61	4.47
95.5	3.77	3.76	3.74	3.71	3.67	3.68	3.67	3.67	4.47
96.0	3.83	3.82	3.79	3.76	3.72	3.74	3.73	3.72	4.47

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

96.5	3.88	3.87	3.84	3.81	3.77	3.79	3.78	3.77	4.70
97.0	3.94	3.92	3.89	3.86	3.82	3.84	3.83	3.82	4.93
97.5	3.99	3.97	3.95	3.91	3.87	3.90	3.88	3.87	4.93
98.0	4.05	4.03	4.00	3.96	3.93	3.95	3.94	3.93	4.93
98.5	4.10	4.08	4.05	4.01	3.98	4.00	3.99	3.98	4.93
99.0	4.16	4.13	4.11	4.06	4.03	4.06	4.04	4.03	4.93
99.5	4.21	4.18	4.16	4.12	4.08	4.11	4.09	4.08	4.93
100.0	4.27	4.23	4.21	4.17	4.13	4.16	4.14	4.13	4.93
100.5	4.32	4.28	4.26	4.22	4.18	4.22	4.20	4.19	5.19
101.0	4.38	4.32	4.31	4.27	4.24	4.27	4.25	4.24	5.45
101.5	4.43	4.37	4.37	4.32	4.29	4.32	4.30	4.29	5.45
102.0	4.49	4.42	4.42	4.38	4.34	4.38	4.35	4.34	5.45
102.5	4.54	4.46	4.47	4.43	4.39	4.43	4.41	4.39	5.45
103.0	4.60	4.51	4.52	4.48	4.44	4.48	4.46	4.45	5.45
103.5	4.65	4.57	4.58	4.54	4.49	4.54	4.51	4.50	5.68
104.0	4.71	4.63	4.63	4.59	4.55	4.59	4.56	4.55	5.91
104.5	4.76	4.69	4.68	4.64	4.60	4.64	4.62	4.60	5.68
105.0	4.81	4.75	4.74	4.70	4.65	4.70	4.67	4.66	5.45
105.5	4.87	4.81	4.79	4.75	4.70	4.75	4.72	4.71	5.94
106.0	4.92	4.87	4.85	4.81	4.75	4.80	4.77	4.76	6.42
106.5	4.97	4.94	4.90	4.86	4.80	4.86	4.82	4.81	6.42
107.0	5.03	5.00	4.96	4.91	4.85	4.91	4.88	4.87	6.42
107.5	5.08	5.07	5.02	4.97	4.91	4.96	4.93	4.92	6.42
108.0	5.13	5.13	5.08	5.02	4.96	5.02	4.98	4.97	6.42
108.5	5.18	5.19	5.14	5.07	5.02	5.07	5.03	5.03	6.42
109.0	5.24	5.25	5.20	5.12	5.07	5.12	5.09	5.08	6.42
109.5	5.29	5.30	5.26	5.18	5.13	5.18	5.14	5.13	6.68
110.0	5.34	5.35	5.32	5.23	5.19	5.23	5.19	5.19	6.94
110.5	5.39	5.41	5.37	5.28	5.25	5.28	5.24	5.24	6.94
111.0	5.46	5.46	5.41	5.33	5.31	5.33	5.30	5.29	6.94
111.5	5.54	5.51	5.46	5.39	5.37	5.39	5.35	5.35	6.94
112.0	5.61	5.56	5.50	5.44	5.43	5.44	5.40	5.40	6.94
112.5	5.69	5.62	5.55	5.49	5.50	5.49	5.45	5.45	7.20
113.0	5.77	5.67	5.59	5.56	5.56	5.55	5.50	5.51	7.46
113.5	5.85	5.72	5.63	5.62	5.62	5.60	5.56	5.56	7.46
114.0	5.92	5.77	5.67	5.69	5.68	5.65	5.61	5.62	7.46
114.5	5.98	5.82	5.71	5.76	5.75	5.70	5.66	5.67	7.68
115.0	6.03	5.87	5.76	5.83	5.81	5.76	5.71	5.73	7.91
115.5	6.08	5.93	5.82	5.89	5.87	5.81	5.76	5.78	7.91
116.0	6.13	5.98	5.88	5.96	5.93	5.86	5.82	5.84	7.91
116.5	6.19	6.03	5.95	6.03	5.98	5.92	5.87	5.89	7.91
117.0	6.23	6.08	6.01	6.11	6.04	5.97	5.93	5.95	7.91
117.5	6.25	6.13	6.08	6.18	6.09	6.02	5.99	6.00	8.17
118.0	6.26	6.18	6.15	6.23	6.14	6.07	6.04	6.06	8.43
118.5	6.27	6.23	6.22	6.29	6.20	6.13	6.10	6.11	8.43
119.0	6.28	6.28	6.27	6.34	6.25	6.18	6.16	6.17	8.43
119.5	6.29	6.33	6.30	6.40	6.30	6.23	6.22	6.22	8.43
120.0	6.37	6.38	6.34	6.45	6.36	6.28	6.27	6.28	8.43
120.5	6.46	6.43	6.37	6.51	6.41	6.34	6.33	6.34	8.43
121.0	6.56	6.48	6.40	6.56	6.46	6.39	6.39	6.39	8.43
121.5	6.65	6.53	6.43	6.61	6.51	6.44	6.45	6.45	8.43
122.0	6.74	6.58	6.45	6.67	6.57	6.49	6.51	6.51	8.43
122.5	6.80	6.64	6.50	6.70	6.62	6.55	6.57	6.56	8.43
123.0	6.85	6.72	6.57	6.72	6.67	6.60	6.63	6.62	8.43
123.5	6.90	6.80	6.64	6.75	6.73	6.65	6.69	6.68	8.43
124.0	6.95	6.88	6.71	6.78	6.78	6.70	6.75	6.74	8.43

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

124.5	7.00	6.96	6.79	6.80	6.83	6.75	6.81	6.79	8.66
125.0	7.05	7.04	6.87	6.83	6.88	6.81	6.87	6.85	8.89
125.5	7.10	7.07	6.94	6.85	6.94	6.86	6.93	6.91	9.15
126.0	7.14	7.09	7.00	6.87	6.99	6.91	7.00	6.97	9.41
126.5	7.19	7.10	7.05	6.92	7.04	6.96	7.06	7.03	9.41
127.0	7.24	7.11	7.10	6.97	7.09	7.02	7.11	7.08	9.41
127.5	7.29	7.12	7.15	7.02	7.15	7.07	7.16	7.14	9.18
128.0	7.34	7.18	7.20	7.07	7.20	7.12	7.20	7.19	8.95
128.5	7.38	7.27	7.25	7.12	7.25	7.17	7.25	7.25	9.18
129.0	7.43	7.36	7.33	7.17	7.30	7.22	7.29	7.30	9.41
129.5	7.48	7.45	7.42	7.22	7.36	7.28	7.34	7.36	9.66
130.0	7.52	7.54	7.52	7.30	7.41	7.33	7.38	7.41	9.92
130.5	7.57	7.57	7.61	7.38	7.46	7.38	7.43	7.46	9.92
131.0	7.61	7.58	7.71	7.47	7.51	7.43	7.47	7.52	9.92
131.5	7.71	7.58	7.81	7.56	7.56	7.48	7.51	7.57	9.66
132.0	7.81	7.58	7.86	7.64	7.62	7.53	7.55	7.63	9.41
132.5	7.92	7.58	7.91	7.73	7.67	7.59	7.60	7.68	9.66
133.0	8.02	7.67	7.96	7.83	7.72	7.64	7.64	7.74	9.92
133.5	8.03	7.76	8.01	7.88	7.77	7.69	7.68	7.79	9.92
134.0	8.02	7.86	8.06	7.93	7.82	7.74	7.72	7.85	9.92
134.5	8.00	7.96	8.09	7.98	7.87	7.79	7.76	7.90	9.92
135.0	7.98	8.04	8.08	8.03	7.93	7.84	7.80	7.95	9.92
135.5	8.07	8.09	8.08	8.08	7.98	7.90	7.84	8.01	10.18
136.0	8.18	8.13	8.07	8.14	8.03	7.95	7.89	8.06	10.44
136.5	8.29	8.18	8.07	8.19	8.08	8.00	7.94	8.12	10.67
137.0	8.41	8.23	8.08	8.24	8.13	8.05	7.99	8.17	10.90
137.5	8.38	8.34	8.12	8.29	8.18	8.10	8.05	8.23	10.67
138.0	8.36	8.45	8.17	8.34	8.23	8.15	8.10	8.28	10.44
138.5	8.34	8.57	8.22	8.39	8.29	8.20	8.15	8.34	10.67
139.0	8.34	8.69	8.27	8.44	8.34	8.26	8.20	8.39	10.90
139.5	8.45	8.78	8.33	8.49	8.39	8.31	8.25	8.44	10.90
140.0	8.57	8.83	8.44	8.54	8.44	8.36	8.30	8.50	10.90
140.5	8.69	8.87	8.55	8.59	8.49	8.41	8.35	8.55	10.90
141.0	8.77	8.92	8.66	8.64	8.54	8.46	8.41	8.61	10.90
141.5	8.81	8.95	8.78	8.69	8.59	8.51	8.46	8.66	10.90
142.0	8.86	8.91	8.87	8.74	8.64	8.56	8.51	8.72	10.90
142.5	8.90	8.88	8.92	8.79	8.69	8.61	8.56	8.77	10.90
143.0	9.03	8.85	8.97	8.84	8.74	8.68	8.61	8.83	10.90
143.5	9.17	8.83	9.02	8.89	8.79	8.75	8.66	8.87	11.15
144.0	9.31	8.87	9.07	8.94	8.84	8.83	8.71	8.92	11.41
144.5	9.43	8.92	9.11	8.99	8.89	8.91	8.77	8.96	11.41
145.0	9.48	8.96	9.16	9.04	8.95	8.99	8.82	9.01	11.41
145.5	9.52	9.02	9.21	9.09	9.00	9.07	8.87	9.05	11.15
146.0	9.57	9.15	9.26	9.14	9.05	9.15	8.92	9.10	10.90
146.5	9.53	9.29	9.31	9.19	9.10	9.24	8.97	9.14	11.15
147.0	9.47	9.42	9.36	9.24	9.15	9.32	9.02	9.19	11.41
147.5	9.41	9.54	9.41	9.29	9.20	9.40	9.07	9.23	11.41
148.0	9.38	9.59	9.45	9.34	9.25	9.42	9.12	9.27	11.41
148.5	9.42	9.64	9.50	9.39	9.30	9.44	9.18	9.32	11.41
149.0	9.46	9.68	9.55	9.44	9.35	9.47	9.23	9.36	11.41
149.5	9.50	9.73	9.60	9.49	9.40	9.49	9.28	9.40	11.41
150.0	9.64	9.77	9.65	9.54	9.45	9.51	9.34	9.44	11.41
150.5	9.80	9.82	9.69	9.59	9.50	9.52	9.41	9.49	11.41
151.0	9.95	9.87	9.74	9.63	9.55	9.54	9.48	9.53	11.41
151.5	10.06	9.91	9.79	9.68	9.60	9.56	9.56	9.57	11.64
152.0	10.10	9.96	9.84	9.73	9.65	9.58	9.63	9.61	11.87

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**CANDELA TABULATION - (Cont.)**

152.5	10.14	10.00	9.88	9.78	9.70	9.63	9.71	9.65	11.64
153.0	10.19	10.05	9.93	9.83	9.77	9.68	9.78	9.69	11.41
153.5	10.23	10.09	9.98	9.88	9.87	9.73	9.86	9.73	11.64
154.0	10.27	10.14	10.02	9.93	9.97	9.78	9.94	9.77	11.87
154.5	10.32	10.18	10.07	9.97	10.07	9.83	10.01	9.81	11.64
155.0	10.36	10.23	10.12	10.02	10.17	9.88	10.09	9.85	11.41
155.5	10.40	10.27	10.16	10.07	10.27	9.93	10.17	9.89	11.64
156.0	10.44	10.32	10.21	10.12	10.37	9.99	10.25	9.93	11.87
156.5	10.49	10.36	10.26	10.17	10.37	10.04	10.32	9.97	11.87
157.0	10.53	10.41	10.30	10.22	10.37	10.09	10.37	10.04	11.87
157.5	10.57	10.45	10.35	10.26	10.37	10.14	10.43	10.10	12.13
158.0	10.61	10.50	10.40	10.31	10.36	10.19	10.48	10.17	12.39
158.5	10.65	10.54	10.44	10.39	10.36	10.24	10.54	10.23	12.39
159.0	10.70	10.59	10.49	10.51	10.35	10.29	10.59	10.30	12.39
159.5	10.74	10.63	10.54	10.63	10.39	10.34	10.64	10.36	12.13
160.0	10.78	10.67	10.58	10.75	10.44	10.39	10.70	10.43	11.87
160.5	10.82	10.72	10.63	10.87	10.49	10.45	10.75	10.50	11.87
161.0	10.86	10.76	10.67	10.92	10.54	10.55	10.81	10.56	11.87
161.5	10.90	10.81	10.72	10.90	10.59	10.64	10.86	10.63	12.13
162.0	10.94	10.85	10.81	10.88	10.63	10.74	10.91	10.70	12.39
162.5	10.99	10.89	10.94	10.85	10.68	10.83	10.96	10.77	12.39
163.0	11.03	10.94	11.08	10.82	10.73	10.93	10.99	10.83	12.39
163.5	11.07	10.98	11.22	10.84	10.78	11.03	11.01	10.90	12.39
164.0	11.11	11.02	11.30	10.88	10.83	11.13	11.03	10.97	12.39
164.5	11.15	11.14	11.25	10.93	10.88	11.21	11.06	11.04	12.39
165.0	11.19	11.29	11.21	10.98	10.93	11.26	11.08	11.11	12.39
165.5	11.23	11.44	11.16	11.03	11.01	11.32	11.10	11.18	12.39
166.0	11.29	11.58	11.13	11.07	11.12	11.37	11.12	11.25	12.39
166.5	11.46	11.51	11.17	11.12	11.24	11.42	11.14	11.32	12.39
167.0	11.63	11.45	11.22	11.17	11.35	11.48	11.16	11.39	12.39
167.5	11.79	11.38	11.27	11.21	11.47	11.53	11.18	11.46	12.39
168.0	11.71	11.37	11.31	11.26	11.58	11.58	11.19	11.53	12.39
168.5	11.62	11.41	11.36	11.38	11.67	11.62	11.22	11.60	12.39
169.0	11.53	11.45	11.40	11.51	11.72	11.62	11.31	11.65	12.39
169.5	11.55	11.50	11.45	11.64	11.77	11.62	11.39	11.71	12.39
170.0	11.59	11.54	11.50	11.77	11.82	11.62	11.48	11.76	12.39
170.5	11.63	11.58	11.65	11.91	11.87	11.62	11.57	11.81	12.39
171.0	11.67	11.62	11.79	11.96	11.92	11.62	11.65	11.87	12.39
171.5	11.71	11.72	11.94	12.01	11.93	11.62	11.74	11.92	12.62
172.0	11.75	11.89	12.09	12.06	11.91	11.62	11.83	11.98	12.85
172.5	11.87	12.05	12.14	12.10	11.89	11.67	11.92	12.03	12.62
173.0	12.05	12.22	12.18	12.13	11.87	11.77	12.01	12.09	12.39
173.5	12.23	12.27	12.23	12.09	11.85	11.87	12.10	12.14	12.39
174.0	12.34	12.31	12.28	12.05	11.83	11.98	12.19	12.19	12.39
174.5	12.39	12.35	12.22	12.01	11.91	12.09	12.26	12.25	12.39
175.0	12.43	12.34	12.16	11.97	12.03	12.19	12.31	12.30	12.39
175.5	12.42	12.26	12.09	12.01	12.15	12.30	12.36	12.36	12.62
176.0	12.32	12.18	12.03	12.15	12.28	12.41	12.42	12.41	12.85
176.5	12.22	12.09	12.19	12.29	12.40	12.48	12.47	12.47	12.85
177.0	12.18	12.26	12.34	12.43	12.53	12.53	12.52	12.52	12.85
177.5	12.37	12.43	12.50	12.57	12.59	12.58	12.58	12.57	12.62
178.0	12.55	12.60	12.66	12.65	12.64	12.64	12.63	12.63	12.39
178.5	12.72	12.71	12.70	12.70	12.69	12.69	12.69	12.68	12.62
179.0	12.76	12.76	12.75	12.75	12.74	12.74	12.74	12.74	12.85
179.5	12.80	12.80	12.80	12.80	12.79	12.79	12.79	12.79	12.85
180.0	12.85	12.85	12.85	12.85	12.85	12.85	12.85	12.85	12.85

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	654.47	12.40	12.40
0-30	1394.02	26.50	26.50
0-40	2291.55	43.50	43.60
0-60	4081.94	77.50	77.70
0-80	5107.46	97.00	97.20
0-90	5212.66	99.00	99.20
10-90	5043.7	95.80	95.90
20-40	1637.08	31.10	31.10
20-50	2575.31	48.90	49.00
40-70	2441.88	46.40	46.50
60-80	1025.52	19.50	19.50
70-80	374.03	7.10	7.10
80-90	105.20	2.00	2.00
90-110	9.41	0.20	0.20
90-120	15.58	0.30	0.30
90-130	22.19	0.40	0.40
90-150	34.85	0.70	0.70
90-180	44.15	0.80	0.80
110-180	34.74	0.70	0.70
0-180	5256.81	99.80	100.00

Total Luminaire Efficiency = 99.80%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	168.96
10-20	485.51
20-30	739.55
30-40	897.53
40-50	938.23
50-60	852.16
60-70	651.49
70-80	374.03
80-90	105.20
90-100	4.16
100-110	5.25
110-120	6.17
120-130	6.61
130-140	6.62
140-150	6.03
150-160	4.89
160-170	3.25
170-180	1.16

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BFP24L40W5000LDMV40K.IES**

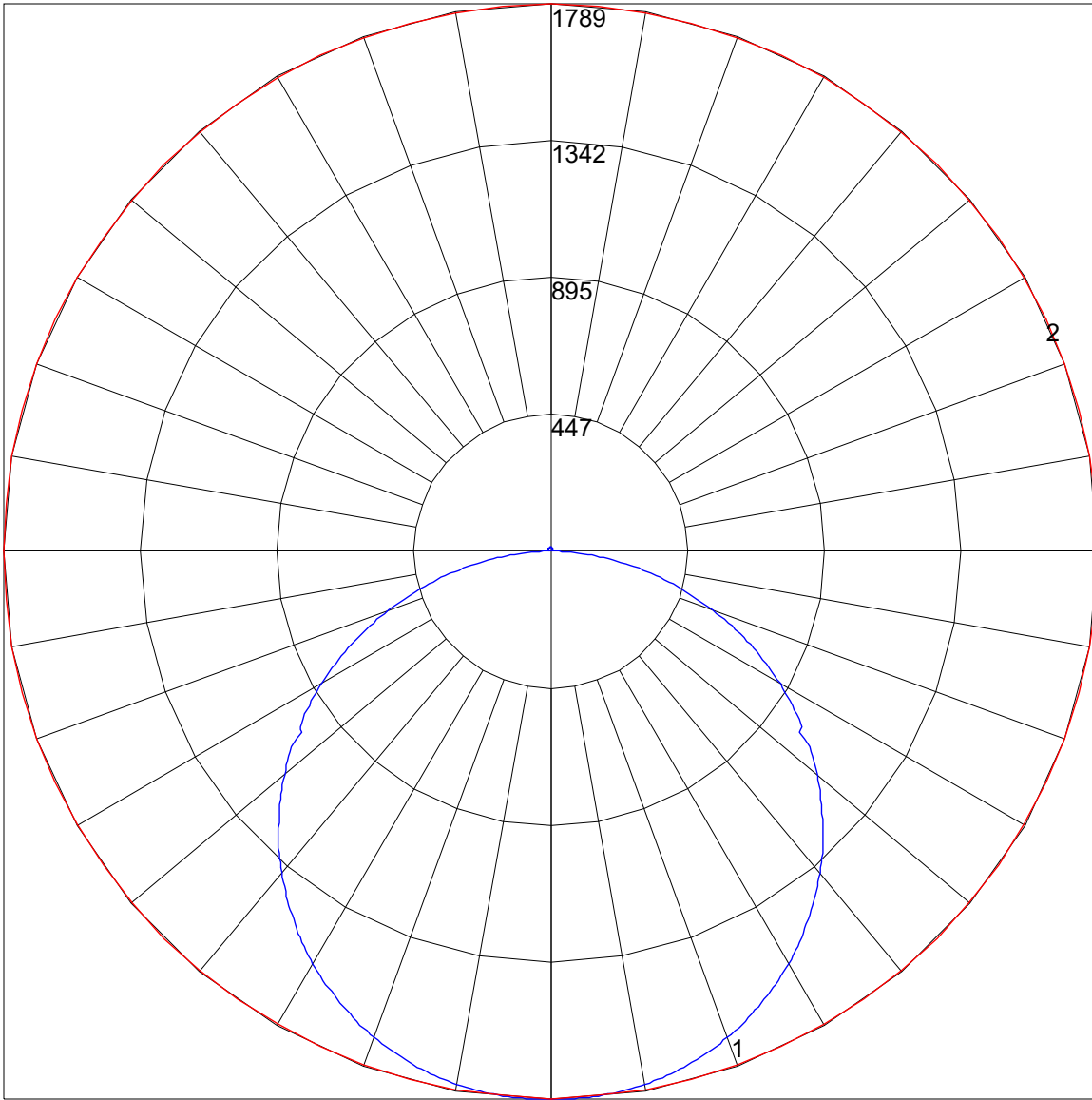
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	110	110	110	106	106	106	101	101	101	99
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	78	74	71	68
3	89	79	71	64	87	77	69	63	74	67	62	71	66	61	68	64	60	57
4	82	70	61	54	79	68	60	54	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	37
7	64	51	42	36	62	50	41	35	48	41	35	47	40	35	45	39	35	32
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	41	35	31	29
9	56	42	34	29	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	37	30	26	36	30	25	36	30	25	23



POLAR GRAPH



Maximum Candela = 1789 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.)