



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 13551818.08  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUE DATE] 11/9/2020  
 [MANUFAC] Lux Dynamics  
 [LUMCAT] 360P-2-URD-835-xxx-xx-WA  
 [LUMINAIRE] Gray cylindrical metal housing with diffuse plastic lens  
 [LAMP] White 918 LEDs  
 [BALLAST] One (1) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB  
 [OTHER] 24.4 C, 277.018 V, 0.191225 A, 50.1202 W, 0.946149 PF, 59.9731  
 [MORE] Hz  
 [OTHER] This test was performed using the calibrated photodetector met  
 [MORE] hod of absolute photometry.

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	7361
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	147
Total Luminaire Watts	50.1202
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.92 ft
Luminous Width (90-270)	0.38 ft
Luminous Height	0.38 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9764	9588	10990
55	8393	9056	11299
65	6763	8952	11966
75	4607	9311	13106
85	1729	10379	14803

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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>
<b>0.0</b>	927.9	927.9	927.9	927.9	927.9	927.9	927.9	927.9	927.9	927.9
<b>0.5</b>	931.2	927.6	929.1	930.0	931.2	930.0	929.1	927.6	931.2	925.3
<b>1.0</b>	930.3	929.0	931.4	932.5	934.1	932.5	931.4	929.0	930.3	924.1
<b>1.5</b>	930.0	930.0	933.1	935.6	937.1	935.6	933.1	930.0	930.0	922.6
<b>2.0</b>	929.8	930.4	935.3	938.2	940.0	938.2	935.3	930.4	929.8	921.3
<b>2.5</b>	929.7	931.6	937.1	940.9	943.2	940.9	937.1	931.6	929.7	919.6
<b>3.0</b>	929.1	932.7	938.8	943.1	945.7	943.1	938.8	932.7	929.1	918.0
<b>3.5</b>	928.4	933.1	940.8	945.9	949.0	945.9	940.8	933.1	928.4	916.0
<b>4.0</b>	927.8	933.5	942.4	948.2	951.7	948.2	942.4	933.5	927.8	914.6
<b>4.5</b>	926.6	934.3	944.6	951.2	955.1	951.2	944.6	934.3	926.6	912.3
<b>5.0</b>	925.5	934.6	946.2	953.1	957.8	953.1	946.2	934.6	925.5	910.9
<b>5.5</b>	924.4	934.8	947.6	955.9	960.3	955.9	947.6	934.8	924.4	908.4
<b>6.0</b>	923.7	935.0	949.2	957.9	962.9	957.9	949.2	935.0	923.7	906.3
<b>6.5</b>	922.2	935.2	950.5	960.5	965.1	960.5	950.5	935.2	922.2	904.2
<b>7.0</b>	921.1	935.0	951.5	962.0	967.6	962.0	951.5	935.0	921.1	901.7
<b>7.5</b>	919.1	935.3	952.7	964.4	969.7	964.4	952.7	935.3	919.1	899.2
<b>8.0</b>	917.6	934.8	953.8	966.0	971.7	966.0	953.8	934.8	917.6	897.0
<b>8.5</b>	915.9	934.5	954.4	967.3	974.1	967.3	954.4	934.5	915.9	894.3
<b>9.0</b>	914.2	934.2	955.1	969.7	976.5	969.7	955.1	934.2	914.2	891.8
<b>9.5</b>	912.0	934.0	956.1	971.7	978.8	971.7	956.1	934.0	912.0	889.5
<b>10.0</b>	910.2	932.9	956.5	972.9	981.3	972.9	956.5	932.9	910.2	886.6
<b>10.5</b>	907.6	932.4	956.5	974.8	983.3	974.8	956.5	932.4	907.6	883.9
<b>11.0</b>	905.6	931.2	957.6	976.6	984.1	976.6	957.6	931.2	905.6	880.8
<b>11.5</b>	902.6	930.0	957.6	978.0	986.1	978.0	957.6	930.0	902.6	877.9
<b>12.0</b>	900.4	929.0	957.9	979.3	988.8	979.3	957.9	929.0	900.4	874.9
<b>12.5</b>	897.7	927.9	958.2	981.1	990.3	981.1	958.2	927.9	897.7	871.7
<b>13.0</b>	895.4	926.8	958.8	982.5	992.3	982.5	958.8	926.8	895.4	868.4
<b>13.5</b>	892.5	925.5	958.7	984.0	993.9	984.0	958.7	925.5	892.5	865.1
<b>14.0</b>	889.4	923.9	958.7	984.7	995.7	984.7	958.7	923.9	889.4	861.7
<b>14.5</b>	886.4	922.1	958.2	986.2	997.2	986.2	958.2	922.1	886.4	857.9
<b>15.0</b>	883.2	920.2	958.1	987.3	998.2	987.3	958.1	920.2	883.2	855.1
<b>15.5</b>	879.9	918.5	958.0	988.1	999.8	988.1	958.0	918.5	879.9	851.1
<b>16.0</b>	876.4	916.5	958.0	989.1	1001.0	989.1	958.0	916.5	876.4	847.2
<b>16.5</b>	872.9	914.3	957.2	990.1	1003.0	990.1	957.2	914.3	872.9	842.8
<b>17.0</b>	869.2	912.1	956.9	990.5	1005.0	990.5	956.9	912.1	869.2	838.9
<b>17.5</b>	865.8	909.9	956.4	991.5	1006.0	991.5	956.4	909.9	865.8	834.5
<b>18.0</b>	861.5	907.6	955.6	992.4	1008.0	992.4	955.6	907.6	861.5	830.2
<b>18.5</b>	857.5	904.9	955.0	993.3	1009.0	993.3	955.0	904.9	857.5	825.8
<b>19.0</b>	853.5	902.3	954.1	993.6	1011.0	993.6	954.1	902.3	853.5	821.2
<b>19.5</b>	849.3	900.0	953.3	995.4	1012.0	995.4	953.3	900.0	849.3	816.9
<b>20.0</b>	845.7	897.3	952.1	995.9	1013.0	995.9	952.1	897.3	845.7	812.7
<b>20.5</b>	841.3	894.1	950.8	997.0	1014.0	997.0	950.8	894.1	841.3	807.9
<b>21.0</b>	837.2	891.6	950.0	996.8	1015.0	996.8	950.0	891.6	837.2	803.2
<b>21.5</b>	832.6	888.6	948.9	997.4	1017.0	997.4	948.9	888.6	832.6	798.1
<b>22.0</b>	827.8	885.3	947.7	998.1	1018.0	998.1	947.7	885.3	827.8	792.9
<b>22.5</b>	822.7	882.5	946.5	998.5	1019.0	998.5	946.5	882.5	822.7	787.7
<b>23.0</b>	818.6	878.9	944.9	999.1	1020.0	999.1	944.9	878.9	818.6	783.0
<b>23.5</b>	814.0	875.4	943.7	999.5	1021.0	999.5	943.7	875.4	814.0	777.1
<b>24.0</b>	809.9	872.7	942.3	999.5	1022.0	999.5	942.3	872.7	809.9	771.5
<b>24.5</b>	805.0	868.7	941.1	999.5	1022.0	999.5	941.1	868.7	805.0	765.8
<b>25.0</b>	800.1	865.1	939.7	999.6	1024.0	999.6	939.7	865.1	800.1	760.5
<b>25.5</b>	794.9	861.2	938.0	999.8	1025.0	999.8	938.0	861.2	794.9	755.7
<b>26.0</b>	788.5	857.7	936.6	999.8	1026.0	999.8	936.6	857.7	788.5	750.3
<b>26.5</b>	783.3	854.0	934.9	1000.0	1027.0	1000.0	934.9	854.0	783.3	743.8

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27.0	778.6	850.2	932.9	1000.0	1028.0	1000.0	932.9	850.2	778.6	738.4
27.5	773.4	845.9	931.2	1001.0	1029.0	1001.0	931.2	845.9	773.4	733.8
28.0	767.8	842.1	929.5	1000.0	1030.0	1000.0	929.5	842.1	767.8	727.3
28.5	761.8	837.9	927.3	1001.0	1030.0	1001.0	927.3	837.9	761.8	722.0
29.0	757.2	833.6	925.3	1001.0	1031.0	1001.0	925.3	833.6	757.2	716.4
29.5	751.4	828.8	923.2	1001.0	1031.0	1001.0	923.2	828.8	751.4	710.3
30.0	745.1	825.1	921.0	1000.0	1032.0	1000.0	921.0	825.1	745.1	704.7
30.5	738.0	820.7	918.8	1000.0	1033.0	1000.0	918.8	820.7	738.0	698.8
31.0	732.2	816.2	917.0	1001.0	1033.0	1001.0	917.0	816.2	732.2	693.0
31.5	726.3	811.7	914.3	1000.0	1034.0	1000.0	914.3	811.7	726.3	687.1
32.0	720.4	807.2	911.9	999.8	1034.0	999.8	911.9	807.2	720.4	680.9
32.5	714.5	802.3	909.4	999.3	1035.0	999.3	909.4	802.3	714.5	674.9
33.0	708.2	797.7	906.9	998.8	1035.0	998.8	906.9	797.7	708.2	668.8
33.5	701.8	792.8	904.9	998.9	1035.0	998.9	904.9	792.8	701.8	662.7
34.0	696.3	788.2	902.0	998.1	1036.0	998.1	902.0	788.2	696.3	656.3
34.5	690.7	783.6	899.6	997.4	1036.0	997.4	899.6	783.6	690.7	649.8
35.0	683.9	778.1	896.9	996.7	1036.0	996.7	896.9	778.1	683.9	643.3
35.5	677.9	773.2	894.5	996.7	1037.0	996.7	894.5	773.2	677.9	637.4
36.0	671.4	768.1	891.7	995.8	1037.0	995.8	891.7	768.1	671.4	630.8
36.5	665.2	761.7	888.7	994.9	1038.0	994.9	888.7	761.7	665.2	624.2
37.0	658.7	758.0	885.9	994.8	1038.0	994.8	885.9	758.0	658.7	617.8
37.5	652.5	752.9	883.0	994.2	1038.0	994.2	883.0	752.9	652.5	611.6
38.0	646.4	747.9	880.2	993.8	1038.0	993.8	880.2	747.9	646.4	605.1
38.5	640.2	742.7	877.3	993.1	1038.0	993.1	877.3	742.7	640.2	598.2
39.0	633.6	737.6	874.2	992.4	1039.0	992.4	874.2	737.6	633.6	591.8
39.5	627.0	732.6	871.1	992.0	1038.0	992.0	871.1	732.6	627.0	585.2
40.0	620.4	727.6	868.0	991.3	1039.0	991.3	868.0	727.6	620.4	579.1
40.5	613.4	722.0	864.9	990.5	1038.0	990.5	864.9	722.0	613.4	572.3
41.0	606.6	716.4	862.1	989.4	1039.0	989.4	862.1	716.4	606.6	566.1
41.5	599.5	710.2	858.6	988.5	1039.0	988.5	858.6	710.2	599.5	559.7
42.0	592.7	705.0	855.5	987.7	1039.0	987.7	855.5	705.0	592.7	553.1
42.5	585.7	699.7	852.5	986.5	1039.0	986.5	852.5	699.7	585.7	546.6
43.0	579.0	694.2	848.7	986.0	1039.0	986.0	848.7	694.2	579.0	540.5
43.5	572.3	688.6	845.9	984.7	1039.0	984.7	845.9	688.6	572.3	533.8
44.0	565.4	682.8	842.6	983.4	1039.0	983.4	842.6	682.8	565.4	527.5
44.5	558.8	677.0	839.5	982.4	1038.0	982.4	839.5	677.0	558.8	521.2
45.0	551.8	671.3	836.4	981.5	1039.0	981.5	836.4	671.3	551.8	514.8
45.5	544.6	665.7	833.2	980.6	1039.0	980.6	833.2	665.7	544.6	508.4
46.0	537.8	660.3	829.8	979.3	1039.0	979.3	829.8	660.3	537.8	502.0
46.5	530.3	654.3	826.7	978.3	1039.0	978.3	826.7	654.3	530.3	495.4
47.0	523.5	648.4	823.2	977.6	1040.0	977.6	823.2	648.4	523.5	488.9
47.5	516.3	642.3	820.0	976.5	1041.0	976.5	820.0	642.3	516.3	482.6
48.0	509.5	636.6	816.7	975.3	1042.0	975.3	816.7	636.6	509.5	476.0
48.5	502.6	630.7	812.9	974.8	1043.0	974.8	812.9	630.7	502.6	469.2
49.0	495.8	625.0	809.4	974.0	1043.0	974.0	809.4	625.0	495.8	462.8
49.5	489.0	619.1	805.7	973.6	1045.0	973.6	805.7	619.1	489.0	456.2
50.0	481.7	613.8	802.5	973.4	1046.0	973.4	802.5	613.8	481.7	449.4
50.5	474.7	607.8	798.9	973.2	1046.0	973.2	798.9	607.8	474.7	443.1
51.0	467.6	602.2	795.0	973.1	1047.0	973.1	795.0	602.2	467.6	436.5
51.5	460.6	596.5	791.7	973.2	1048.0	973.2	791.7	596.5	460.6	430.1
52.0	453.4	590.5	787.9	972.8	1048.0	972.8	787.9	590.5	453.4	423.8
52.5	446.3	584.7	784.1	972.7	1049.0	972.7	784.1	584.7	446.3	417.0
53.0	439.2	579.2	781.1	972.8	1049.0	972.8	781.1	579.2	439.2	410.6
53.5	432.4	573.3	777.2	972.0	1050.0	972.0	777.2	573.3	432.4	404.2
54.0	425.5	567.6	773.0	972.0	1051.0	972.0	773.0	567.6	425.5	398.2
54.5	418.8	561.7	769.5	971.8	1052.0	971.8	769.5	561.7	418.8	392.2

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55.0	411.7	556.0	766.5	971.3	1052.0	971.3	766.5	556.0	411.7	386.0
55.5	404.7	550.1	763.6	971.0	1052.0	971.0	763.6	550.1	404.7	379.9
56.0	397.8	544.6	759.6	970.7	1053.0	970.7	759.6	544.6	397.8	373.4
56.5	390.6	538.3	756.5	970.4	1053.0	970.4	756.5	538.3	390.6	367.2
57.0	383.6	532.6	754.0	969.8	1054.0	969.8	754.0	532.6	383.6	361.4
57.5	376.6	526.8	751.8	969.4	1055.0	969.4	751.8	526.8	376.6	355.3
58.0	369.4	520.9	749.6	969.1	1055.0	969.1	749.6	520.9	369.4	349.3
58.5	362.6	515.0	747.4	968.6	1056.0	968.6	747.4	515.0	362.6	343.3
59.0	355.7	508.9	744.2	968.3	1057.0	968.3	744.2	508.9	355.7	337.3
59.5	348.8	503.1	741.7	968.1	1056.0	968.1	741.7	503.1	348.8	330.9
60.0	341.9	497.1	738.6	967.2	1058.0	967.2	738.6	497.1	341.9	325.0
60.5	334.9	491.1	736.9	966.7	1058.0	966.7	736.9	491.1	334.9	319.1
61.0	327.9	485.3	733.8	966.3	1059.0	966.3	733.8	485.3	327.9	313.1
61.5	320.7	479.3	730.7	966.0	1059.0	966.0	730.7	479.3	320.7	307.0
62.0	313.1	473.5	729.1	965.4	1060.0	965.4	729.1	473.5	313.1	301.0
62.5	306.0	467.7	725.3	964.7	1060.0	964.7	725.3	467.7	306.0	294.6
63.0	298.8	461.8	723.2	964.2	1061.0	964.2	723.2	461.8	298.8	288.7
63.5	291.9	456.0	720.5	963.9	1061.0	963.9	720.5	456.0	291.9	282.6
64.0	285.0	450.0	718.0	963.8	1062.0	963.8	718.0	450.0	285.0	276.8
64.5	278.2	444.1	714.7	962.9	1063.0	962.9	714.7	444.1	278.2	270.8
65.0	271.2	438.4	711.4	963.0	1063.0	963.0	711.4	438.4	271.2	264.8
65.5	264.2	432.6	708.7	962.7	1064.0	962.7	708.7	432.6	264.2	258.5
66.0	257.2	426.7	705.7	962.5	1064.0	962.5	705.7	426.7	257.2	252.4
66.5	250.1	421.1	703.7	961.8	1064.0	961.8	703.7	421.1	250.1	246.5
67.0	243.3	415.6	700.8	961.9	1065.0	961.9	700.8	415.6	243.3	240.4
67.5	236.2	409.7	698.3	961.9	1065.0	961.9	698.3	409.7	236.2	234.9
68.0	229.3	404.3	696.2	961.9	1066.0	961.9	696.2	404.3	229.3	229.0
68.5	222.3	398.9	693.3	961.4	1067.0	961.4	693.3	398.9	222.3	223.2
69.0	215.7	393.6	691.3	961.1	1067.0	961.1	691.3	393.6	215.7	217.6
69.5	209.0	388.2	689.1	961.4	1068.0	961.4	689.1	388.2	209.0	212.4
70.0	202.4	383.2	687.1	961.3	1068.0	961.3	687.1	383.2	202.4	207.4
70.5	195.8	378.2	685.3	961.6	1069.0	961.6	685.3	378.2	195.8	202.8
71.0	189.1	373.5	683.0	961.3	1070.0	961.3	683.0	373.5	189.1	197.7
71.5	182.5	369.1	681.3	961.3	1070.0	961.3	681.3	369.1	182.5	192.8
72.0	175.9	364.8	679.8	961.3	1071.0	961.3	679.8	364.8	175.9	188.1
72.5	169.2	360.2	678.0	961.1	1071.0	961.1	678.0	360.2	169.2	183.1
73.0	162.9	356.0	676.4	961.1	1072.0	961.1	676.4	356.0	162.9	178.5
73.5	156.5	351.9	674.5	960.7	1072.0	960.7	674.5	351.9	156.5	173.6
74.0	150.1	347.8	672.7	960.7	1073.0	960.7	672.7	347.8	150.1	169.1
74.5	143.9	343.4	671.1	960.6	1073.0	960.6	671.1	343.4	143.9	164.5
75.0	137.9	339.3	669.4	959.9	1073.0	959.9	669.4	339.3	137.9	159.8
75.5	131.8	335.5	668.0	959.9	1074.0	959.9	668.0	335.5	131.8	155.3
76.0	125.7	331.4	666.3	959.7	1074.0	959.7	666.3	331.4	125.7	150.8
76.5	119.8	327.4	664.7	959.5	1075.0	959.5	664.7	327.4	119.8	146.6
77.0	113.9	323.7	663.6	959.5	1075.0	959.5	663.6	323.7	113.9	142.4
77.5	108.0	320.0	661.9	959.1	1075.0	959.1	661.9	320.0	108.0	138.2
78.0	102.1	316.3	660.5	959.2	1076.0	959.2	660.5	316.3	102.1	134.1
78.5	96.3	313.0	658.8	959.2	1076.0	959.2	658.8	313.0	96.3	130.1
79.0	90.6	309.9	657.5	958.4	1076.0	958.4	657.5	309.9	90.6	126.5
79.5	85.1	306.6	656.6	958.6	1076.0	958.6	656.6	306.6	85.1	123.0
80.0	79.7	303.8	655.4	957.9	1076.0	957.9	655.4	303.8	79.7	119.8
80.5	74.4	300.9	654.2	957.7	1077.0	957.7	654.2	300.9	74.4	116.5
81.0	69.2	298.2	653.4	956.9	1076.0	956.9	653.4	298.2	69.2	113.2
81.5	64.1	295.7	652.4	956.6	1075.0	956.6	652.4	295.7	64.1	110.1
82.0	59.1	293.3	651.4	956.0	1074.0	956.0	651.4	293.3	59.1	107.0
82.5	54.2	291.1	650.2	955.2	1075.0	955.2	650.2	291.1	54.2	104.2

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

83.0	49.4	289.0	649.0	954.7	1074.0	954.7	649.0	289.0	49.4	101.5
83.5	44.8	287.0	647.5	953.3	1073.0	953.3	647.5	287.0	44.8	99.0
84.0	40.5	285.0	646.6	953.0	1073.0	953.0	646.6	285.0	40.5	96.6
84.5	36.4	283.5	645.6	951.9	1072.0	951.9	645.6	283.5	36.4	94.3
85.0	32.6	282.1	644.8	951.1	1072.0	951.1	644.8	282.1	32.6	92.2
85.5	29.0	280.5	643.4	950.3	1070.0	950.3	643.4	280.5	29.0	90.3
86.0	25.6	279.4	642.6	948.9	1069.0	948.9	642.6	279.4	25.6	88.5
86.5	22.4	278.1	641.6	947.8	1068.0	947.8	641.6	278.1	22.4	86.8
87.0	19.6	277.3	640.2	946.4	1067.0	946.4	640.2	277.3	19.6	85.3
87.5	17.0	276.3	638.7	945.3	1066.0	945.3	638.7	276.3	17.0	84.0
88.0	15.0	275.3	637.1	944.2	1065.0	944.2	637.1	275.3	15.0	82.9
88.5	13.3	274.5	636.3	943.4	1065.0	943.4	636.3	274.5	13.3	82.0
89.0	12.1	273.5	635.6	943.4	1065.0	943.4	635.6	273.5	12.1	81.3
89.5	11.2	272.9	635.3	943.6	1065.0	943.6	635.3	272.9	11.2	80.9
90.0	10.7	272.7	635.1	943.5	1065.0	943.5	635.1	272.7	10.7	80.7
90.5	9.6	272.5	635.3	944.6	1066.0	944.6	635.3	272.5	9.6	80.2
91.0	10.3	272.7	635.5	944.4	1066.0	944.4	635.5	272.7	10.3	80.9
91.5	11.4	273.4	635.9	944.7	1066.0	944.7	635.9	273.4	11.4	81.8
92.0	12.8	274.6	636.8	945.7	1067.0	945.7	636.8	274.6	12.8	83.0
92.5	14.5	275.8	637.7	946.2	1067.0	946.2	637.7	275.8	14.5	84.4
93.0	16.5	277.2	639.2	947.1	1068.0	947.1	639.2	277.2	16.5	85.9
93.5	18.7	278.5	640.5	947.9	1069.0	947.9	640.5	278.5	18.7	87.6
94.0	21.3	280.0	641.6	949.4	1069.0	949.4	641.6	280.0	21.3	89.4
94.5	24.3	281.6	643.3	950.7	1072.0	950.7	643.3	281.6	24.3	91.4
95.0	27.7	283.3	645.0	951.7	1072.0	951.7	645.0	283.3	27.7	93.5
95.5	31.3	284.8	645.9	953.1	1073.0	953.1	645.9	284.8	31.3	95.8
96.0	35.1	286.6	647.3	954.2	1075.0	954.2	647.3	286.6	35.1	98.2
96.5	39.2	288.5	648.7	955.3	1076.0	955.3	648.7	288.5	39.2	101.0
97.0	43.4	290.4	649.9	956.1	1076.0	956.1	649.9	290.4	43.4	103.7
97.5	47.8	292.7	651.2	957.2	1077.0	957.2	651.2	292.7	47.8	106.7
98.0	52.3	295.2	652.4	957.3	1077.0	957.3	652.4	295.2	52.3	109.7
98.5	56.9	297.6	654.0	958.0	1077.0	958.0	654.0	297.6	56.9	112.9
99.0	61.8	300.4	655.4	959.0	1078.0	959.0	655.4	300.4	61.8	116.0
99.5	66.7	303.2	656.7	959.9	1078.0	959.9	656.7	303.2	66.7	119.6
100.0	71.8	306.3	658.1	960.4	1079.0	960.4	658.1	306.3	71.8	123.4
100.5	77.0	309.6	659.4	961.1	1079.0	961.1	659.4	309.6	77.0	126.8
101.0	82.3	312.8	661.1	961.4	1079.0	961.4	661.1	312.8	82.3	130.3
101.5	87.8	316.3	662.4	962.7	1080.0	962.7	662.4	316.3	87.8	134.6
102.0	93.3	319.9	664.2	962.9	1080.0	962.9	664.2	319.9	93.3	138.7
102.5	99.0	323.2	665.5	963.4	1080.0	963.4	665.5	323.2	99.0	142.6
103.0	104.9	326.4	666.9	963.7	1080.0	963.7	666.9	326.4	104.9	146.6
103.5	110.7	329.9	669.0	964.1	1080.0	964.1	669.0	329.9	110.7	151.0
104.0	116.5	333.5	670.7	964.5	1080.0	964.5	670.7	333.5	116.5	155.1
104.5	122.1	337.2	672.4	964.8	1080.0	964.8	672.4	337.2	122.1	159.1
105.0	128.0	340.8	674.0	964.7	1080.0	964.7	674.0	340.8	128.0	163.3
105.5	134.2	344.6	675.9	965.4	1080.0	965.4	675.9	344.6	134.2	167.6
106.0	140.6	348.3	677.7	965.6	1080.0	965.6	677.7	348.3	140.6	171.8
106.5	146.8	351.8	679.7	966.0	1079.0	966.0	679.7	351.8	146.8	175.8
107.0	153.4	355.3	681.4	966.2	1078.0	966.2	681.4	355.3	153.4	180.4
107.5	159.9	358.6	683.4	966.1	1078.0	966.1	683.4	358.6	159.9	185.1
108.0	166.2	362.5	685.4	966.6	1077.0	966.6	685.4	362.5	166.2	189.3
108.5	172.7	366.2	687.5	966.5	1077.0	966.5	687.5	366.2	172.7	193.5
109.0	179.3	370.1	689.7	966.5	1077.0	966.5	689.7	370.1	179.3	198.4
109.5	185.6	374.0	691.8	967.4	1076.0	967.4	691.8	374.0	185.6	203.1
110.0	192.1	378.1	694.3	967.5	1076.0	967.5	694.3	378.1	192.1	207.8
110.5	199.0	382.2	696.6	967.7	1076.0	967.7	696.6	382.2	199.0	212.8

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

111.0	205.6	386.6	698.7	968.2	1076.0	968.2	698.7	386.6	205.6	218.1
111.5	212.3	391.1	701.5	968.4	1075.0	968.4	701.5	391.1	212.3	223.2
112.0	219.0	396.0	703.6	969.1	1075.0	969.1	703.6	396.0	219.0	228.4
112.5	225.8	400.9	706.1	969.9	1075.0	969.9	706.1	400.9	225.8	233.8
113.0	232.7	405.7	708.8	969.9	1074.0	969.9	708.8	405.7	232.7	239.3
113.5	239.4	410.6	711.3	971.0	1074.0	971.0	711.3	410.6	239.4	244.7
114.0	246.3	415.6	713.7	971.5	1074.0	971.5	713.7	415.6	246.3	250.4
114.5	252.9	420.9	716.3	972.0	1074.0	972.0	716.3	420.9	252.9	256.0
115.0	259.9	426.1	718.7	972.4	1074.0	972.4	718.7	426.1	259.9	261.6
115.5	266.8	431.3	721.3	973.6	1074.0	973.6	721.3	431.3	266.8	267.4
116.0	273.8	436.8	723.9	973.9	1074.0	973.9	723.9	436.8	273.8	273.1
116.5	280.6	442.2	726.6	974.2	1073.0	974.2	726.6	442.2	280.6	279.1
117.0	287.4	447.9	728.9	975.1	1073.0	975.1	728.9	447.9	287.4	284.9
117.5	294.3	453.1	731.6	975.7	1073.0	975.7	731.6	453.1	294.3	291.2
118.0	301.3	458.9	734.0	976.4	1073.0	976.4	734.0	458.9	301.3	297.2
118.5	308.1	464.5	736.0	977.2	1072.0	977.2	736.0	464.5	308.1	303.0
119.0	315.2	470.1	738.6	977.4	1072.0	977.4	738.6	470.1	315.2	309.1
119.5	322.0	475.4	740.8	977.9	1071.0	977.9	740.8	475.4	322.0	315.3
120.0	328.9	481.5	743.0	978.4	1070.0	978.4	743.0	481.5	328.9	321.4
120.5	335.9	487.1	745.1	979.0	1070.0	979.0	745.1	487.1	335.9	327.6
121.0	342.7	493.0	747.4	979.2	1070.0	979.2	747.4	493.0	342.7	333.6
121.5	349.7	498.8	749.6	979.2	1069.0	979.2	749.6	498.8	349.7	339.9
122.0	356.7	504.4	751.5	979.3	1069.0	979.3	751.5	504.4	356.7	345.9
122.5	363.5	510.3	754.2	980.1	1068.0	980.1	754.2	510.3	363.5	352.2
123.0	370.3	516.0	756.2	980.2	1068.0	980.2	756.2	516.0	370.3	358.4
123.5	377.2	521.8	758.5	980.2	1067.0	980.2	758.5	521.8	377.2	364.8
124.0	384.0	527.6	760.4	980.3	1066.0	980.3	760.4	527.6	384.0	370.7
124.5	391.0	533.5	762.7	980.7	1066.0	980.7	762.7	533.5	391.0	376.9
125.0	397.9	539.1	765.2	980.9	1065.0	980.9	765.2	539.1	397.9	383.3
125.5	404.8	545.1	766.9	980.9	1064.0	980.9	766.9	545.1	404.8	389.7
126.0	411.4	550.9	770.1	981.1	1064.0	981.1	770.1	550.9	411.4	395.6
126.5	418.3	557.0	773.7	981.0	1063.0	981.0	773.7	557.0	418.3	402.0
127.0	425.2	562.9	776.9	981.0	1062.0	981.0	776.9	562.9	425.2	408.4
127.5	431.8	568.5	778.2	980.9	1061.0	980.9	778.2	568.5	431.8	414.5
128.0	438.7	574.1	782.3	980.3	1060.0	980.3	782.3	574.1	438.7	420.9
128.5	445.6	579.7	784.6	980.4	1058.0	980.4	784.6	579.7	445.6	427.1
129.0	452.2	585.9	787.9	979.7	1057.0	979.7	787.9	585.9	452.2	433.4
129.5	459.0	591.4	790.6	979.3	1057.0	979.3	790.6	591.4	459.0	439.9
130.0	465.5	597.2	793.5	978.8	1055.0	978.8	793.5	597.2	465.5	446.1
130.5	472.3	602.7	796.3	978.7	1053.0	978.7	796.3	602.7	472.3	452.6
131.0	479.2	608.7	798.8	978.0	1051.0	978.0	798.8	608.7	479.2	458.9
131.5	485.9	614.4	801.3	978.1	1051.0	978.1	801.3	614.4	485.9	465.0
132.0	492.5	620.0	803.6	977.0	1049.0	977.0	803.6	620.0	492.5	471.5
132.5	499.7	626.3	807.5	976.8	1048.0	976.8	807.5	626.3	499.7	478.0
133.0	506.2	632.2	810.7	976.8	1046.0	976.8	810.7	632.2	506.2	484.2
133.5	512.9	637.8	814.4	977.1	1045.0	977.1	814.4	637.8	512.9	491.0
134.0	519.6	643.6	817.2	977.1	1044.0	977.1	817.2	643.6	519.6	497.3
134.5	526.6	649.2	819.8	977.8	1042.0	977.8	819.8	649.2	526.6	503.6
135.0	533.3	655.3	822.9	978.3	1041.0	978.3	822.9	655.3	533.3	510.0
135.5	540.0	660.9	826.9	979.0	1040.0	979.0	826.9	660.9	540.0	516.4
136.0	547.1	666.8	830.0	979.7	1039.0	979.7	830.0	666.8	547.1	522.7
136.5	553.8	672.6	833.4	980.6	1039.0	980.6	833.4	672.6	553.8	529.2
137.0	560.4	678.4	836.9	981.1	1039.0	981.1	836.9	678.4	560.4	535.6
137.5	567.5	683.9	839.7	981.8	1039.0	981.8	839.7	683.9	567.5	542.2
138.0	574.1	689.4	844.0	982.5	1039.0	982.5	844.0	689.4	574.1	548.7
138.5	581.0	695.0	848.0	983.6	1038.0	983.6	848.0	695.0	581.0	555.0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

139.0	587.6	700.5	850.7	984.4	1038.0	984.4	850.7	700.5	587.6	561.6
139.5	594.2	706.0	853.9	985.2	1038.0	985.2	853.9	706.0	594.2	567.9
140.0	601.0	711.4	857.5	985.4	1038.0	985.4	857.5	711.4	601.0	574.6
140.5	607.7	716.8	860.8	986.6	1037.0	986.6	860.8	716.8	607.7	581.1
141.0	614.6	722.2	863.5	987.5	1037.0	987.5	863.5	722.2	614.6	587.5
141.5	621.0	727.6	866.9	988.2	1036.0	988.2	866.9	727.6	621.0	593.7
142.0	627.7	732.6	870.5	988.9	1036.0	988.9	870.5	732.6	627.7	600.0
142.5	634.2	738.1	873.4	989.7	1036.0	989.7	873.4	738.1	634.2	606.7
143.0	640.7	743.2	876.7	990.5	1036.0	990.5	876.7	743.2	640.7	613.0
143.5	647.6	748.4	880.2	991.4	1036.0	991.4	880.2	748.4	647.6	619.2
144.0	653.7	753.6	883.5	992.0	1035.0	992.0	883.5	753.6	653.7	625.4
144.5	660.1	758.3	887.2	992.8	1035.0	992.8	887.2	758.3	660.1	631.9
145.0	666.4	763.1	889.7	993.5	1035.0	993.5	889.7	763.1	666.4	638.4
145.5	672.6	767.9	892.2	994.1	1034.0	994.1	892.2	767.9	672.6	644.5
146.0	678.9	773.2	894.9	995.3	1034.0	995.3	894.9	773.2	678.9	650.9
146.5	684.9	776.7	897.7	995.6	1033.0	995.6	897.7	776.7	684.9	657.0
147.0	691.1	781.7	900.4	996.3	1034.0	996.3	900.4	781.7	691.1	663.1
147.5	696.8	787.2	903.5	996.6	1033.0	996.6	903.5	787.2	696.8	669.4
148.0	702.4	791.3	905.8	997.7	1033.0	997.7	905.8	791.3	702.4	675.3
148.5	708.6	796.8	908.7	997.7	1033.0	997.7	908.7	796.8	708.6	681.3
149.0	714.3	801.8	911.3	998.6	1032.0	998.6	911.3	801.8	714.3	687.3
149.5	720.1	805.0	913.9	998.8	1032.0	998.8	913.9	805.0	720.1	692.8
150.0	725.6	809.8	916.5	999.2	1031.0	999.2	916.5	809.8	725.6	699.0
150.5	731.6	814.3	918.4	999.8	1032.0	999.8	918.4	814.3	731.6	704.5
151.0	736.8	818.3	921.0	1000.0	1030.0	1000.0	921.0	818.3	736.8	710.4
151.5	742.3	822.7	923.4	1001.0	1030.0	1001.0	923.4	822.7	742.3	716.1
152.0	747.9	826.9	925.0	1001.0	1029.0	1001.0	925.0	826.9	747.9	721.6
152.5	753.5	830.5	927.4	1001.0	1029.0	1001.0	927.4	830.5	753.5	727.0
153.0	758.8	834.9	929.4	1001.0	1029.0	1001.0	929.4	834.9	758.8	732.5
153.5	764.2	840.1	931.1	1001.0	1028.0	1001.0	931.1	840.1	764.2	738.1
154.0	769.6	843.0	932.6	1001.0	1027.0	1001.0	932.6	843.0	769.6	743.5
154.5	774.4	847.4	933.9	1002.0	1026.0	1002.0	933.9	847.4	774.4	749.0
155.0	779.5	851.8	935.3	1001.0	1026.0	1001.0	935.3	851.8	779.5	754.1
155.5	785.1	855.2	936.5	1002.0	1025.0	1002.0	936.5	855.2	785.1	759.3
156.0	789.1	859.2	938.5	1002.0	1024.0	1002.0	938.5	859.2	789.1	764.1
156.5	794.8	862.4	939.7	1002.0	1024.0	1002.0	939.7	862.4	794.8	769.5
157.0	799.4	866.5	940.9	1001.0	1024.0	1001.0	940.9	866.5	799.4	774.7
157.5	805.2	868.7	941.6	1001.0	1023.0	1001.0	941.6	868.7	805.2	780.8
158.0	809.2	872.9	942.4	1001.0	1022.0	1001.0	942.4	872.9	809.2	784.7
158.5	813.9	876.1	943.6	1000.0	1021.0	1000.0	943.6	876.1	813.9	789.6
159.0	817.9	878.8	944.1	1000.0	1020.0	1000.0	944.1	878.8	817.9	795.1
159.5	822.4	882.1	945.4	998.9	1019.0	998.9	945.4	882.1	822.4	798.4
160.0	827.3	884.8	945.9	998.1	1018.0	998.1	945.9	884.8	827.3	804.7
160.5	831.5	887.8	946.5	997.0	1016.0	997.0	946.5	887.8	831.5	809.1
161.0	835.3	890.8	947.2	995.6	1014.0	995.6	947.2	890.8	835.3	814.3
161.5	839.5	893.5	948.0	994.7	1013.0	994.7	948.0	893.5	839.5	818.4
162.0	844.2	896.0	948.9	993.7	1011.0	993.7	948.9	896.0	844.2	822.4
162.5	846.5	897.6	949.4	992.3	1008.0	992.3	949.4	897.6	846.5	827.0
163.0	850.5	900.3	949.5	990.4	1006.0	990.4	949.5	900.3	850.5	830.7
163.5	854.1	902.3	950.1	989.5	1005.0	989.5	950.1	902.3	854.1	835.4
164.0	858.2	904.7	950.3	987.7	1002.0	987.7	950.3	904.7	858.2	839.1
164.5	862.1	906.5	950.8	985.8	1000.0	985.8	950.8	906.5	862.1	843.0
165.0	865.0	908.3	950.5	984.5	997.3	984.5	950.5	908.3	865.0	847.2
165.5	868.5	909.8	950.4	982.7	994.8	982.7	950.4	909.8	868.5	852.1
166.0	871.6	911.8	950.5	981.2	992.4	981.2	950.5	911.8	871.6	855.5
166.5	874.6	913.6	950.5	979.8	991.4	979.8	950.5	913.6	874.6	859.0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

167.0	877.6	914.9	950.3	977.7	988.4	977.7	950.3	914.9	877.6	863.2
167.5	880.5	916.0	950.4	975.9	986.4	975.9	950.4	916.0	880.5	866.6
168.0	883.8	917.4	949.9	975.1	984.0	975.1	949.9	917.4	883.8	870.0
168.5	886.2	919.0	950.1	972.5	982.1	972.5	950.1	919.0	886.2	873.6
169.0	888.8	920.2	949.5	971.1	980.4	971.1	949.5	920.2	888.8	876.1
169.5	891.5	920.7	949.5	970.0	977.9	970.0	949.5	920.7	891.5	879.2
170.0	894.1	922.0	949.1	967.9	976.0	967.9	949.1	922.0	894.1	882.6
170.5	896.6	923.2	948.7	966.5	974.0	966.5	948.7	923.2	896.6	886.3
171.0	898.8	924.0	947.6	964.7	971.6	964.7	947.6	924.0	898.8	888.8
171.5	900.8	924.2	946.8	963.6	970.2	963.6	946.8	924.2	900.8	891.6
172.0	902.6	925.3	945.8	961.7	968.5	961.7	945.8	925.3	902.6	895.0
172.5	904.8	925.7	944.7	960.1	966.1	960.1	944.7	925.7	904.8	897.6
173.0	907.1	926.0	943.8	957.8	964.1	957.8	943.8	926.0	907.1	900.2
173.5	907.9	926.6	943.0	955.5	961.3	955.5	943.0	926.6	907.9	902.2
174.0	909.5	926.7	942.0	953.3	959.5	953.3	942.0	926.7	909.5	904.4
174.5	911.3	927.2	940.5	951.0	956.4	951.0	940.5	927.2	911.3	907.2
175.0	912.0	927.3	939.2	948.7	953.9	948.7	939.2	927.3	912.0	908.9
175.5	913.4	927.4	938.0	946.4	951.7	946.4	938.0	927.4	913.4	911.5
176.0	915.0	927.6	936.2	943.7	947.9	943.7	936.2	927.6	915.0	913.0
176.5	915.8	927.6	935.1	941.2	945.4	941.2	935.1	927.6	915.8	914.5
177.0	916.3	927.3	933.8	938.9	943.3	938.9	933.8	927.3	916.3	916.4
177.5	916.8	927.0	931.8	936.7	939.7	936.7	931.8	927.0	916.8	917.4
178.0	917.3	926.0	930.6	934.2	937.3	934.2	930.6	926.0	917.3	918.9
178.5	918.4	925.8	928.9	931.6	935.0	931.6	928.9	925.8	918.4	919.9
179.0	918.3	924.9	927.4	929.2	931.9	929.2	927.4	924.9	918.3	921.7
179.5	918.7	923.7	926.1	927.2	929.7	927.2	926.1	923.7	918.7	922.4
180.0	923.9	923.9	923.9	923.9	923.9	923.9	923.9	923.9	923.9	923.9

**Vert. Horizontal Angles**  
**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>
0.0	927.9	927.9	927.9	927.9	927.9	927.9	927.9
0.5	925.4	924.9	925.3	924.9	925.4	925.3	931.2
1.0	923.3	922.5	922.8	922.5	923.3	924.1	930.3
1.5	921.0	919.8	920.1	919.8	921.0	922.6	930.0
2.0	919.2	917.2	917.5	917.2	919.2	921.3	929.8
2.5	916.4	914.9	914.9	914.9	916.4	919.6	929.7
3.0	914.7	912.3	912.6	912.3	914.7	918.0	929.1
3.5	912.3	910.5	909.8	910.5	912.3	916.0	928.4
4.0	910.3	908.1	908.0	908.1	910.3	914.6	927.8
4.5	908.1	905.4	905.8	905.4	908.1	912.3	926.6
5.0	905.6	903.4	903.4	903.4	905.6	910.9	925.5
5.5	903.6	900.8	900.4	900.8	903.6	908.4	924.4
6.0	901.2	898.3	897.9	898.3	901.2	906.3	923.7
6.5	898.6	896.1	895.6	896.1	898.6	904.2	922.2
7.0	896.3	893.7	892.3	893.7	896.3	901.7	921.1
7.5	894.0	890.8	889.5	890.8	894.0	899.2	919.1
8.0	891.0	888.1	886.9	888.1	891.0	897.0	917.6
8.5	888.8	885.3	883.6	885.3	888.8	894.3	915.9
9.0	885.9	882.1	880.4	882.1	885.9	891.8	914.2
9.5	883.3	879.3	877.2	879.3	883.3	889.5	912.0
10.0	880.2	875.5	873.6	875.5	880.2	886.6	910.2
10.5	877.2	872.2	870.0	872.2	877.2	883.9	907.6
11.0	873.9	868.6	866.3	868.6	873.9	880.8	905.6
11.5	870.7	865.2	863.3	865.2	870.7	877.9	902.6
12.0	867.3	861.5	859.8	861.5	867.3	874.9	900.4



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

12.5	863.6	858.4	856.8	858.4	863.6	871.7	897.7
13.0	860.0	855.2	853.8	855.2	860.0	868.4	895.4
13.5	856.5	851.8	850.0	851.8	856.5	865.1	892.5
14.0	852.4	848.9	846.8	848.9	852.4	861.7	889.4
14.5	848.6	845.2	843.1	845.2	848.6	857.9	886.4
15.0	844.7	841.4	838.7	841.4	844.7	855.1	883.2
15.5	840.9	838.1	834.8	838.1	840.9	851.1	879.9
16.0	836.7	833.9	831.2	833.9	836.7	847.2	876.4
16.5	832.3	829.8	826.4	829.8	832.3	842.8	872.9
17.0	828.2	825.3	822.4	825.3	828.2	838.9	869.2
17.5	824.1	820.8	817.9	820.8	824.1	834.5	865.8
18.0	819.9	816.6	814.2	816.6	819.9	830.2	861.5
18.5	815.9	812.8	809.9	812.8	815.9	825.8	857.5
19.0	811.1	808.0	806.2	808.0	811.1	821.2	853.5
19.5	806.5	803.8	802.4	803.8	806.5	816.9	849.3
20.0	802.3	799.5	798.6	799.5	802.3	812.7	845.7
20.5	797.8	795.3	795.1	795.3	797.8	807.9	841.3
21.0	792.9	791.0	790.8	791.0	792.9	803.2	837.2
21.5	787.8	787.2	786.7	787.2	787.8	798.1	832.6
22.0	782.8	783.2	782.3	783.2	782.8	792.9	827.8
22.5	777.7	778.9	778.0	778.9	777.7	787.7	822.7
23.0	773.4	774.9	775.7	774.9	773.4	783.0	818.6
23.5	768.7	770.4	770.9	770.4	768.7	777.1	814.0
24.0	762.5	765.9	765.3	765.9	762.5	771.5	809.9
24.5	758.0	761.7	762.3	761.7	758.0	765.8	805.0
25.0	752.4	756.9	758.4	756.9	752.4	760.5	800.1
25.5	747.6	751.9	752.7	751.9	747.6	755.7	794.9
26.0	743.5	748.2	749.9	748.2	743.5	750.3	788.5
26.5	738.2	743.4	744.6	743.4	738.2	743.8	783.3
27.0	733.2	738.8	740.5	738.8	733.2	738.4	778.6
27.5	728.6	734.6	735.3	734.6	728.6	733.8	773.4
28.0	722.2	729.1	731.9	729.1	722.2	727.3	767.8
28.5	717.2	725.5	726.7	725.5	717.2	722.0	761.8
29.0	712.4	721.3	723.2	721.3	712.4	716.4	757.2
29.5	707.2	716.3	718.7	716.3	707.2	710.3	751.4
30.0	701.7	711.7	714.8	711.7	701.7	704.7	745.1
30.5	696.4	706.6	710.8	706.6	696.4	698.8	738.0
31.0	691.1	702.3	706.8	702.3	691.1	693.0	732.2
31.5	685.8	697.6	702.0	697.6	685.8	687.1	726.3
32.0	680.4	693.0	697.6	693.0	680.4	680.9	720.4
32.5	675.1	688.2	693.4	688.2	675.1	674.9	714.5
33.0	669.4	683.7	688.4	683.7	669.4	668.8	708.2
33.5	664.1	679.0	684.3	679.0	664.1	662.7	701.8
34.0	658.9	674.3	680.0	674.3	658.9	656.3	696.3
34.5	653.4	669.8	676.1	669.8	653.4	649.8	690.7
35.0	647.6	665.0	671.8	665.0	647.6	643.3	683.9
35.5	642.2	660.5	667.2	660.5	642.2	637.4	677.9
36.0	636.8	655.4	663.1	655.4	636.8	630.8	671.4
36.5	631.0	650.8	658.6	650.8	631.0	624.2	665.2
37.0	625.5	646.2	654.4	646.2	625.5	617.8	658.7
37.5	620.4	641.6	649.8	641.6	620.4	611.6	652.5
38.0	614.5	637.0	645.2	637.0	614.5	605.1	646.4
38.5	608.9	632.0	640.4	632.0	608.9	598.2	640.2
39.0	603.5	627.3	635.9	627.3	603.5	591.8	633.6
39.5	597.4	622.3	630.9	622.3	597.4	585.2	627.0
40.0	592.0	617.5	626.4	617.5	592.0	579.1	620.4

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

40.5	586.7	612.7	621.7	612.7	586.7	572.3	613.4
41.0	581.0	607.8	616.7	607.8	581.0	566.1	606.6
41.5	575.3	603.0	612.3	603.0	575.3	559.7	599.5
42.0	569.9	597.9	607.3	597.9	569.9	553.1	592.7
42.5	564.2	592.9	602.3	592.9	564.2	546.6	585.7
43.0	558.7	587.8	598.0	587.8	558.7	540.5	579.0
43.5	553.2	582.5	592.7	582.5	553.2	533.8	572.3
44.0	547.6	577.6	588.0	577.6	547.6	527.5	565.4
44.5	542.3	572.6	583.0	572.6	542.3	521.2	558.8
45.0	537.0	567.6	578.0	567.6	537.0	514.8	551.8
45.5	531.4	562.5	573.6	562.5	531.4	508.4	544.6
46.0	526.0	557.1	569.6	557.1	526.0	502.0	537.8
46.5	520.3	552.2	565.5	552.2	520.3	495.4	530.3
47.0	514.7	547.0	561.6	547.0	514.7	488.9	523.5
47.5	509.2	541.8	557.6	541.8	509.2	482.6	516.3
48.0	503.7	537.1	553.2	537.1	503.7	476.0	509.5
48.5	498.4	532.6	549.7	532.6	498.4	469.2	502.6
49.0	492.6	528.5	545.6	528.5	492.6	462.8	495.8
49.5	486.7	523.9	541.2	523.9	486.7	456.2	489.0
50.0	481.0	519.4	537.2	519.4	481.0	449.4	481.7
50.5	475.4	515.2	532.9	515.2	475.4	443.1	474.7
51.0	469.5	511.0	528.8	511.0	469.5	436.5	467.6
51.5	463.9	506.5	524.2	506.5	463.9	430.1	460.6
52.0	458.1	502.1	520.3	502.1	458.1	423.8	453.4
52.5	452.3	497.5	516.0	497.5	452.3	417.0	446.3
53.0	446.7	493.1	511.9	493.1	446.7	410.6	439.2
53.5	440.9	488.6	508.0	488.6	440.9	404.2	432.4
54.0	435.1	484.4	503.8	484.4	435.1	398.2	425.5
54.5	429.6	480.0	499.7	480.0	429.6	392.2	418.8
55.0	424.0	475.7	495.4	475.7	424.0	386.0	411.7
55.5	419.1	471.4	491.6	471.4	419.1	379.9	404.7
56.0	414.6	467.2	487.2	467.2	414.6	373.4	397.8
56.5	409.6	463.0	483.4	463.0	409.6	367.2	390.6
57.0	404.8	458.3	479.3	458.3	404.8	361.4	383.6
57.5	399.9	453.9	475.2	453.9	399.9	355.3	376.6
58.0	395.1	449.9	470.9	449.9	395.1	349.3	369.4
58.5	390.6	445.4	466.5	445.4	390.6	343.3	362.6
59.0	385.7	441.0	462.5	441.0	385.7	337.3	355.7
59.5	380.7	436.7	457.9	436.7	380.7	330.9	348.8
60.0	376.1	432.3	454.0	432.3	376.1	325.0	341.9
60.5	371.0	428.0	449.4	428.0	371.0	319.1	334.9
61.0	366.4	423.4	444.8	423.4	366.4	313.1	327.9
61.5	361.7	419.1	441.0	419.1	361.7	307.0	320.7
62.0	356.9	414.7	436.9	414.7	356.9	301.0	313.1
62.5	352.4	410.6	433.1	410.6	352.4	294.6	306.0
63.0	347.4	406.2	429.5	406.2	347.4	288.7	298.8
63.5	342.6	402.0	425.9	402.0	342.6	282.6	291.9
64.0	338.2	397.9	422.3	397.9	338.2	276.8	285.0
64.5	333.6	394.0	418.5	394.0	333.6	270.8	278.2
65.0	329.0	390.2	415.2	390.2	329.0	264.8	271.2
65.5	324.2	386.5	411.4	386.5	324.2	258.5	264.2
66.0	319.7	382.7	408.5	382.7	319.7	252.4	257.2
66.5	314.9	379.0	405.0	379.0	314.9	246.5	250.1
67.0	310.4	375.3	401.6	375.3	310.4	240.4	243.3
67.5	305.9	371.9	398.3	371.9	305.9	234.9	236.2
68.0	301.5	368.2	395.4	368.2	301.5	229.0	229.3

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

68.5	297.0	365.0	392.1	365.0	297.0	223.2	222.3
69.0	292.4	361.5	388.7	361.5	292.4	217.6	215.7
69.5	288.0	358.3	385.7	358.3	288.0	212.4	209.0
70.0	283.9	355.1	382.6	355.1	283.9	207.4	202.4
70.5	279.9	351.8	379.4	351.8	279.9	202.8	195.8
71.0	276.2	348.8	376.4	348.8	276.2	197.7	189.1
71.5	272.3	345.8	373.6	345.8	272.3	192.8	182.5
72.0	268.5	342.7	370.9	342.7	268.5	188.1	175.9
72.5	265.0	339.8	367.9	339.8	265.0	183.1	169.2
73.0	261.5	336.7	365.1	336.7	261.5	178.5	162.9
73.5	257.7	334.0	362.1	334.0	257.7	173.6	156.5
74.0	254.6	331.0	359.4	331.0	254.6	169.1	150.1
74.5	251.3	328.3	356.9	328.3	251.3	164.5	143.9
75.0	248.0	325.7	354.2	325.7	248.0	159.8	137.9
75.5	244.9	322.7	351.4	322.7	244.9	155.3	131.8
76.0	241.9	320.1	348.7	320.1	241.9	150.8	125.7
76.5	238.8	317.3	346.1	317.3	238.8	146.6	119.8
77.0	235.9	314.9	343.6	314.9	235.9	142.4	113.9
77.5	233.0	312.4	341.2	312.4	233.0	138.2	108.0
78.0	230.1	309.8	338.5	309.8	230.1	134.1	102.1
78.5	227.2	307.2	336.4	307.2	227.2	130.1	96.3
79.0	224.6	305.1	333.8	305.1	224.6	126.5	90.6
79.5	222.1	302.7	331.8	302.7	222.1	123.0	85.1
80.0	219.8	300.3	329.3	300.3	219.8	119.8	79.7
80.5	217.1	297.7	327.2	297.7	217.1	116.5	74.4
81.0	214.8	295.6	325.1	295.6	214.8	113.2	69.2
81.5	212.5	293.4	322.7	293.4	212.5	110.1	64.1
82.0	210.3	291.1	320.5	291.1	210.3	107.0	59.1
82.5	208.1	289.2	318.2	289.2	208.1	104.2	54.2
83.0	206.0	287.0	316.0	287.0	206.0	101.5	49.4
83.5	203.5	284.7	314.2	284.7	203.5	99.0	44.8
84.0	201.5	282.9	312.3	282.9	201.5	96.6	40.5
84.5	199.5	280.6	310.3	280.6	199.5	94.3	36.4
85.0	197.2	278.7	308.7	278.7	197.2	92.2	32.6
85.5	195.6	276.7	306.8	276.7	195.6	90.3	29.0
86.0	193.8	275.3	305.2	275.3	193.8	88.5	25.6
86.5	192.3	273.6	303.6	273.6	192.3	86.8	22.4
87.0	190.7	272.0	301.8	272.0	190.7	85.3	19.6
87.5	189.3	270.7	300.3	270.7	189.3	84.0	17.0
88.0	188.0	269.3	298.8	269.3	188.0	82.9	15.0
88.5	187.1	268.2	297.9	268.2	187.1	82.0	13.3
89.0	186.2	267.1	296.6	267.1	186.2	81.3	12.1
89.5	185.5	266.5	295.8	266.5	185.5	80.9	11.2
90.0	185.1	265.9	294.9	265.9	185.1	80.7	10.7
90.5	182.8	262.5	290.9	262.5	182.8	80.2	9.6
91.0	183.5	263.2	291.5	263.2	183.5	80.9	10.3
91.5	184.3	264.1	292.4	264.1	184.3	81.8	11.4
92.0	185.5	264.9	293.4	264.9	185.5	83.0	12.8
92.5	186.6	266.2	294.6	266.2	186.6	84.4	14.5
93.0	188.0	267.5	296.1	267.5	188.0	85.9	16.5
93.5	189.5	269.1	297.3	269.1	189.5	87.6	18.7
94.0	191.3	270.7	299.1	270.7	191.3	89.4	21.3
94.5	192.9	272.2	300.7	272.2	192.9	91.4	24.3
95.0	194.8	274.1	302.7	274.1	194.8	93.5	27.7
95.5	196.6	276.0	304.5	276.0	196.6	95.8	31.3
96.0	198.8	277.8	306.3	277.8	198.8	98.2	35.1

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

<b>96.5</b>	200.8	279.9	308.3	279.9	200.8	101.0	39.2
<b>97.0</b>	203.0	281.9	310.7	281.9	203.0	103.7	43.4
<b>97.5</b>	205.4	284.1	312.6	284.1	205.4	106.7	47.8
<b>98.0</b>	207.6	286.1	315.3	286.1	207.6	109.7	52.3
<b>98.5</b>	210.0	288.5	317.3	288.5	210.0	112.9	56.9
<b>99.0</b>	212.7	290.7	319.7	290.7	212.7	116.0	61.8
<b>99.5</b>	215.3	292.9	322.2	292.9	215.3	119.6	66.7
<b>100.0</b>	217.8	295.2	324.4	295.2	217.8	123.4	71.8
<b>100.5</b>	220.5	297.4	326.9	297.4	220.5	126.8	77.0
<b>101.0</b>	223.3	300.1	329.2	300.1	223.3	130.3	82.3
<b>101.5</b>	226.2	302.6	331.9	302.6	226.2	134.6	87.8
<b>102.0</b>	229.2	305.2	334.3	305.2	229.2	138.7	93.3
<b>102.5</b>	232.1	307.9	336.9	307.9	232.1	142.6	99.0
<b>103.0</b>	235.3	310.6	339.6	310.6	235.3	146.6	104.9
<b>103.5</b>	238.4	313.4	342.4	313.4	238.4	151.0	110.7
<b>104.0</b>	241.6	316.1	345.0	316.1	241.6	155.1	116.5
<b>104.5</b>	244.9	319.3	347.8	319.3	244.9	159.1	122.1
<b>105.0</b>	248.3	322.0	350.2	322.0	248.3	163.3	128.0
<b>105.5</b>	251.5	325.0	353.3	325.0	251.5	167.6	134.2
<b>106.0</b>	255.1	328.0	355.8	328.0	255.1	171.8	140.6
<b>106.5</b>	258.6	331.1	358.5	331.1	258.6	175.8	146.8
<b>107.0</b>	262.2	334.1	361.2	334.1	262.2	180.4	153.4
<b>107.5</b>	265.7	337.2	364.3	337.2	265.7	185.1	159.9
<b>108.0</b>	269.2	340.2	366.9	340.2	269.2	189.3	166.2
<b>108.5</b>	273.1	343.6	370.1	343.6	273.1	193.5	172.7
<b>109.0</b>	276.8	346.8	373.2	346.8	276.8	198.4	179.3
<b>109.5</b>	280.9	350.0	376.0	350.0	280.9	203.1	185.6
<b>110.0</b>	284.6	353.0	379.0	353.0	284.6	207.8	192.1
<b>110.5</b>	288.8	356.3	382.1	356.3	288.8	212.8	199.0
<b>111.0</b>	292.8	359.6	385.2	359.6	292.8	218.1	205.6
<b>111.5</b>	297.0	363.0	388.4	363.0	297.0	223.2	212.3
<b>112.0</b>	301.1	366.4	391.9	366.4	301.1	228.4	219.0
<b>112.5</b>	305.6	369.7	394.9	369.7	305.6	233.8	225.8
<b>113.0</b>	310.1	373.2	398.2	373.2	310.1	239.3	232.7
<b>113.5</b>	314.5	376.9	401.7	376.9	314.5	244.7	239.4
<b>114.0</b>	318.8	380.2	405.1	380.2	318.8	250.4	246.3
<b>114.5</b>	323.2	383.9	408.5	383.9	323.2	256.0	252.9
<b>115.0</b>	327.8	387.6	411.9	387.6	327.8	261.6	259.9
<b>115.5</b>	332.0	391.4	415.2	391.4	332.0	267.4	266.8
<b>116.0</b>	336.3	395.3	419.2	395.3	336.3	273.1	273.8
<b>116.5</b>	340.9	399.5	423.2	399.5	340.9	279.1	280.6
<b>117.0</b>	345.5	403.5	426.6	403.5	345.5	284.9	287.4
<b>117.5</b>	349.8	407.8	430.5	407.8	349.8	291.2	294.3
<b>118.0</b>	354.6	411.8	434.6	411.8	354.6	297.2	301.3
<b>118.5</b>	359.2	416.3	438.6	416.3	359.2	303.0	308.1
<b>119.0</b>	363.7	421.1	442.7	421.1	363.7	309.1	315.2
<b>119.5</b>	368.2	425.4	446.8	425.4	368.2	315.3	322.0
<b>120.0</b>	373.0	430.0	451.1	430.0	373.0	321.4	328.9
<b>120.5</b>	377.8	434.4	455.3	434.4	377.8	327.6	335.9
<b>121.0</b>	382.5	438.8	459.6	438.8	382.5	333.6	342.7
<b>121.5</b>	387.2	443.2	463.8	443.2	387.2	339.9	349.7
<b>122.0</b>	391.8	447.3	467.9	447.3	391.8	345.9	356.7
<b>122.5</b>	396.5	451.8	472.3	451.8	396.5	352.2	363.5
<b>123.0</b>	401.4	456.0	476.7	456.0	401.4	358.4	370.3
<b>123.5</b>	406.6	460.3	480.6	460.3	406.6	364.8	377.2
<b>124.0</b>	411.9	464.4	485.1	464.4	411.9	370.7	384.0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

124.5	417.2	468.8	489.2	468.8	417.2	376.9	391.0
125.0	422.7	473.1	493.2	473.1	422.7	383.3	397.9
125.5	427.9	477.2	497.0	477.2	427.9	389.7	404.8
126.0	433.1	481.5	500.9	481.5	433.1	395.6	411.4
126.5	438.7	485.8	505.1	485.8	438.7	402.0	418.3
127.0	444.1	490.0	509.2	490.0	444.1	408.4	425.2
127.5	449.4	494.0	513.2	494.0	449.4	414.5	431.8
128.0	454.5	497.8	517.4	497.8	454.5	420.9	438.7
128.5	460.1	502.3	521.3	502.3	460.1	427.1	445.6
129.0	465.5	506.4	525.5	506.4	465.5	433.4	452.2
129.5	470.7	510.0	529.0	510.0	470.7	439.9	459.0
130.0	476.1	514.6	533.1	514.6	476.1	446.1	465.5
130.5	481.5	519.0	537.2	519.0	481.5	452.6	472.3
131.0	487.0	523.8	540.7	523.8	487.0	458.9	479.2
131.5	492.4	528.6	544.5	528.6	492.4	465.0	485.9
132.0	497.9	533.3	548.3	533.3	497.9	471.5	492.5
132.5	503.5	538.4	552.5	538.4	503.5	478.0	499.7
133.0	509.1	543.3	557.6	543.3	509.1	484.2	506.2
133.5	514.7	548.1	561.9	548.1	514.7	491.0	512.9
134.0	520.4	552.8	566.8	552.8	520.4	497.3	519.6
134.5	526.0	557.7	571.6	557.7	526.0	503.6	526.6
135.0	531.6	562.7	575.9	562.7	531.6	510.0	533.3
135.5	537.2	567.5	580.7	567.5	537.2	516.4	540.0
136.0	542.7	572.5	585.5	572.5	542.7	522.7	547.1
136.5	548.4	577.1	589.9	577.1	548.4	529.2	553.8
137.0	554.0	581.9	594.6	581.9	554.0	535.6	560.4
137.5	559.7	586.7	599.5	586.7	559.7	542.2	567.5
138.0	565.2	591.6	604.0	591.6	565.2	548.7	574.1
138.5	570.8	596.5	607.8	596.5	570.8	555.0	581.0
139.0	576.4	601.4	612.6	601.4	576.4	561.6	587.6
139.5	581.9	606.3	617.4	606.3	581.9	567.9	594.2
140.0	587.3	611.0	621.5	611.0	587.3	574.6	601.0
140.5	593.0	615.9	626.5	615.9	593.0	581.1	607.7
141.0	598.4	620.8	631.2	620.8	598.4	587.5	614.6
141.5	604.1	625.6	635.8	625.6	604.1	593.7	621.0
142.0	609.7	630.4	640.2	630.4	609.7	600.0	627.7
142.5	615.2	635.2	645.0	635.2	615.2	606.7	634.2
143.0	621.0	640.0	649.3	640.0	621.0	613.0	640.7
143.5	626.2	644.6	654.1	644.6	626.2	619.2	647.6
144.0	631.4	649.2	658.2	649.2	631.4	625.4	653.7
144.5	637.0	654.1	662.6	654.1	637.0	631.9	660.1
145.0	642.7	658.9	667.6	658.9	642.7	638.4	666.4
145.5	648.4	663.8	672.2	663.8	648.4	644.5	672.6
146.0	653.7	668.3	676.9	668.3	653.7	650.9	678.9
146.5	658.8	673.0	681.3	673.0	658.8	657.0	684.9
147.0	664.2	677.4	685.4	677.4	664.2	663.1	691.1
147.5	669.5	682.1	690.2	682.1	669.5	669.4	696.8
148.0	675.1	686.8	694.4	686.8	675.1	675.3	702.4
148.5	680.3	691.3	698.5	691.3	680.3	681.3	708.6
149.0	685.7	696.1	702.9	696.1	685.7	687.3	714.3
149.5	691.1	701.0	707.0	701.0	691.1	692.8	720.1
150.0	696.1	705.3	711.4	705.3	696.1	699.0	725.6
150.5	701.4	710.3	715.5	710.3	701.4	704.5	731.6
151.0	706.8	714.5	719.7	714.5	706.8	710.4	736.8
151.5	711.9	719.0	723.9	719.0	711.9	716.1	742.3
152.0	716.7	723.2	728.2	723.2	716.7	721.6	747.9

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**CANDELA TABULATION - (Cont.)**

152.5	722.0	728.2	731.9	728.2	722.0	727.0	753.5
153.0	727.0	732.1	736.7	732.1	727.0	732.5	758.8
153.5	732.3	736.8	740.6	736.8	732.3	738.1	764.2
154.0	737.0	741.5	744.7	741.5	737.0	743.5	769.6
154.5	742.1	745.8	748.6	745.8	742.1	749.0	774.4
155.0	747.0	750.0	753.1	750.0	747.0	754.1	779.5
155.5	751.5	754.5	757.3	754.5	751.5	759.3	785.1
156.0	756.7	759.2	761.4	759.2	756.7	764.1	789.1
156.5	761.5	762.9	765.4	762.9	761.5	769.5	794.8
157.0	765.9	767.6	769.3	767.6	765.9	774.7	799.4
157.5	770.9	771.6	773.0	771.6	770.9	780.8	805.2
158.0	775.4	775.9	778.5	775.9	775.4	784.7	809.2
158.5	779.8	779.8	782.2	779.8	779.8	789.6	813.9
159.0	785.0	783.9	786.3	783.9	785.0	795.1	817.9
159.5	789.0	788.6	790.8	788.6	789.0	798.4	822.4
160.0	793.3	793.3	794.1	793.3	793.3	804.7	827.3
160.5	798.0	796.3	797.7	796.3	798.0	809.1	831.5
161.0	803.3	801.2	801.3	801.2	803.3	814.3	835.3
161.5	807.5	804.8	806.1	804.8	807.5	818.4	839.5
162.0	811.5	808.4	809.8	808.4	811.5	822.4	844.2
162.5	816.3	813.2	813.7	813.2	816.3	827.0	846.5
163.0	820.3	817.1	817.9	817.1	820.3	830.7	850.5
163.5	824.0	820.4	821.4	820.4	824.0	835.4	854.1
164.0	829.0	825.2	825.0	825.2	829.0	839.1	858.2
164.5	833.3	830.5	828.1	830.5	833.3	843.0	862.1
165.0	836.9	832.8	832.2	832.8	836.9	847.2	865.0
165.5	840.7	837.4	837.7	837.4	840.7	852.1	868.5
166.0	844.2	840.3	841.0	840.3	844.2	855.5	871.6
166.5	848.3	844.0	844.1	844.0	848.3	859.0	874.6
167.0	851.9	847.7	846.9	847.7	851.9	863.2	877.6
167.5	855.1	852.2	853.2	852.2	855.1	866.6	880.5
168.0	858.8	855.4	855.3	855.4	858.8	870.0	883.8
168.5	862.5	858.9	858.7	858.9	862.5	873.6	886.2
169.0	865.4	862.2	861.3	862.2	865.4	876.1	888.8
169.5	869.0	865.4	866.9	865.4	869.0	879.2	891.5
170.0	873.1	868.7	867.9	868.7	873.1	882.6	894.1
170.5	875.8	872.0	873.1	872.0	875.8	886.3	896.6
171.0	879.7	875.6	875.3	875.6	879.7	888.8	898.8
171.5	883.5	879.1	878.7	879.1	883.5	891.6	900.8
172.0	886.2	882.4	882.1	882.4	886.2	895.0	902.6
172.5	889.2	885.8	885.7	885.8	889.2	897.6	904.8
173.0	892.4	888.0	888.6	888.0	892.4	900.2	907.1
173.5	895.2	891.8	891.9	891.8	895.2	902.2	907.9
174.0	898.2	894.9	896.6	894.9	898.2	904.4	909.5
174.5	901.1	897.9	899.4	897.9	901.1	907.2	911.3
175.0	903.5	900.8	902.0	900.8	903.5	908.9	912.0
175.5	905.9	903.7	903.9	903.7	905.9	911.5	913.4
176.0	908.4	906.2	907.4	906.2	908.4	913.0	915.0
176.5	910.4	908.9	910.1	908.9	910.4	914.5	915.8
177.0	912.7	911.1	912.4	911.1	912.7	916.4	916.3
177.5	914.6	913.8	914.8	913.8	914.6	917.4	916.8
178.0	917.0	915.9	917.7	915.9	917.0	918.9	917.3
178.5	919.0	918.6	919.9	918.6	919.0	919.9	918.4
179.0	921.0	920.7	922.0	920.7	921.0	921.7	918.3
179.5	921.7	922.9	924.6	922.9	921.7	922.4	918.7
180.0	923.9	923.9	923.9	923.9	923.9	923.9	923.9

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	342.52	N.A.	4.70
0-30	732.67	N.A.	10.00
0-40	1215.53	N.A.	16.50
0-60	2277.95	N.A.	30.90
0-80	3258.02	N.A.	44.30
0-90	3691.69	N.A.	50.20
10-90	3603.54	N.A.	49.00
20-40	873.01	N.A.	11.90
20-50	1401.43	N.A.	19.00
40-70	1571.96	N.A.	21.40
60-80	980.07	N.A.	13.30
70-80	470.54	N.A.	6.40
80-90	433.67	N.A.	5.90
90-110	902.96	N.A.	12.30
90-120	1411.4	N.A.	19.20
90-130	1942.4	N.A.	26.40
90-150	2942.6	N.A.	40.00
90-180	3669.09	N.A.	49.80
110-180	2766.12	N.A.	37.60
0-180	7360.78	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	88.15
10-20	254.37
20-30	390.15
30-40	482.86
40-50	528.42
50-60	534.00
60-70	509.53
70-80	470.54
80-90	433.67
90-100	432.32
100-110	470.64
110-120	508.44
120-130	531.00
130-140	522.37
140-150	477.83
150-160	386.80
160-170	252.11
170-180	87.57

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	95	90	85	80	87	83	78	74	69	66	63	57	55	52	46	44	42	37
2	86	77	70	64	78	71	65	59	59	54	50	49	45	42	39	36	34	29
3	78	67	59	52	71	62	54	48	52	46	41	42	38	34	34	31	28	24
4	71	59	50	43	65	54	46	40	45	39	35	37	33	29	30	26	23	20
5	65	52	43	37	59	48	40	34	40	34	29	33	28	25	27	23	20	17
6	60	47	38	32	54	43	35	30	36	30	25	30	25	21	24	20	17	14
7	55	42	33	28	50	39	31	26	33	27	22	27	22	19	22	18	15	13
8	51	38	30	24	47	35	28	23	30	24	20	25	20	17	20	16	14	11
9	47	35	27	21	43	32	25	20	27	21	17	23	18	15	18	15	12	10
10	44	32	24	19	41	29	23	18	25	19	16	21	16	13	17	14	11	9



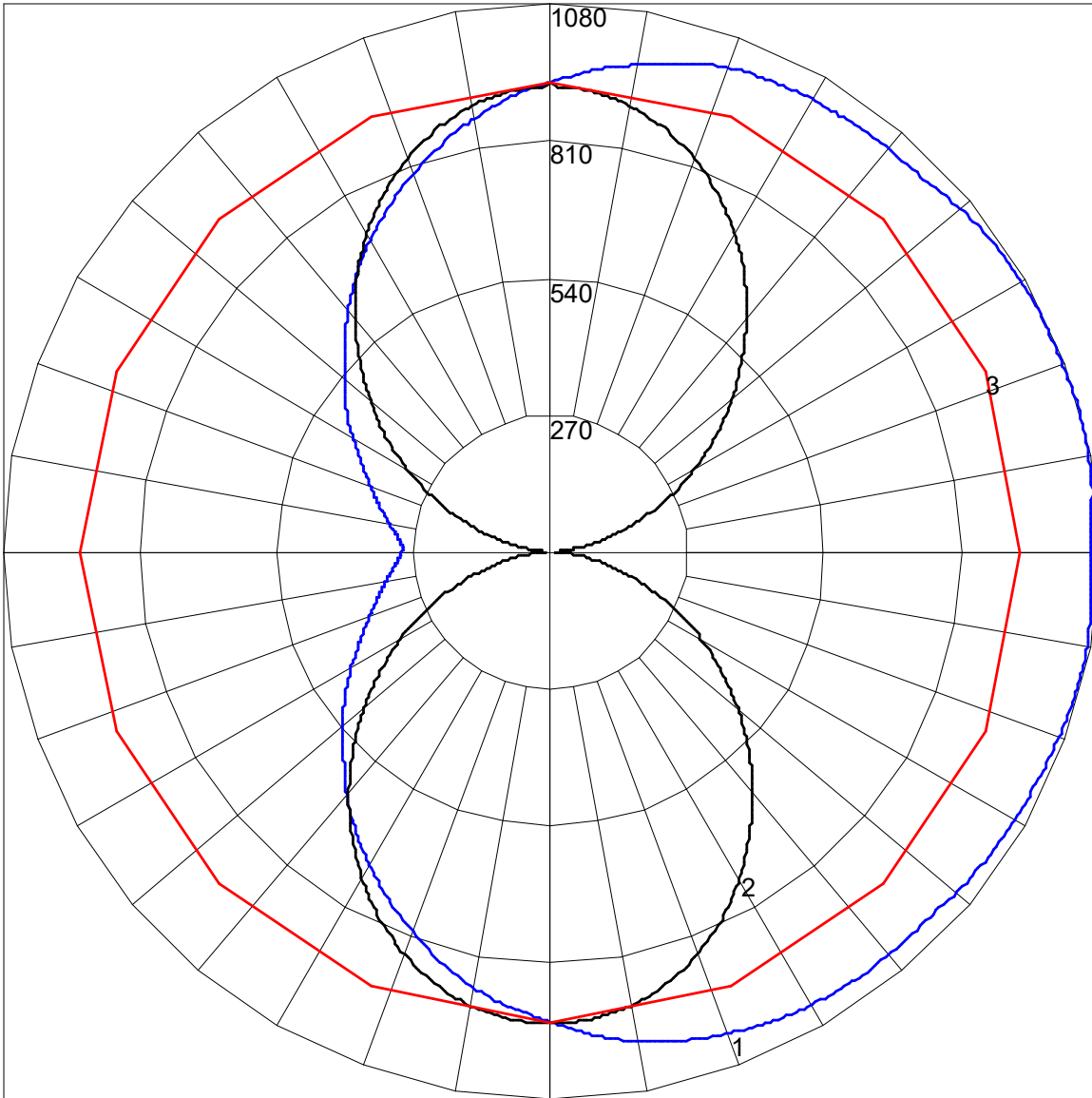
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 7K 360P-2-URD-835-X-WA.IES**

**UGR TABLE - CORRECTED**

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	12.4	13.4	13.4	14.4	15.6	19.4	20.4	20.4	21.4	22.6
	3H	13.8	14.6	14.7	15.6	16.9	22.9	23.7	23.8	24.7	26.0
	4H	14.2	15.0	15.1	16.0	17.3	24.7	25.5	25.6	26.5	27.8
	6H	14.4	15.2	15.4	16.2	17.5	26.5	27.3	27.5	28.3	29.6
	8H	14.5	15.2	15.5	16.2	17.5	27.5	28.2	28.5	29.2	30.5
	12H	14.5	15.2	15.4	16.2	17.5	28.5	29.2	29.5	30.2	31.5
4H	2H	14.1	14.9	15.0	15.9	17.1	19.7	20.5	20.6	21.5	22.8
	3H	15.7	16.4	16.6	17.4	18.7	23.4	24.1	24.3	25.1	26.4
	4H	16.2	16.9	17.2	17.9	19.2	25.3	26.0	26.3	27.0	28.3
	6H	16.6	17.2	17.6	18.2	19.5	27.4	28.0	28.4	29.0	30.4
	8H	16.7	17.2	17.7	18.3	19.6	28.5	29.1	29.5	30.1	31.4
	12H	16.7	17.2	17.8	18.3	19.6	29.6	30.1	30.7	31.2	32.5
8H	4H	17.8	18.4	18.8	19.4	20.7	25.5	26.0	26.5	27.0	28.4
	6H	18.5	19.0	19.5	20.0	21.4	27.8	28.2	28.8	29.3	30.6
	8H	18.8	19.2	19.8	20.2	21.6	29.0	29.4	30.0	30.5	31.8
	12H	18.9	19.3	19.9	20.3	21.7	30.3	30.7	31.4	31.7	33.1
12H	4H	18.4	18.9	19.4	19.9	21.3	25.4	25.9	26.5	27.0	28.3
	6H	19.3	19.7	20.3	20.8	22.1	27.8	28.2	28.8	29.2	30.6
	8H	19.7	20.1	20.7	21.1	22.5	29.1	29.4	30.1	30.5	31.9

Maximum UGR = 33.1

POLAR GRAPH



Maximum Candela = 1080 Located At Horizontal Angle = 90, Vertical Angle = 101.5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)  
# 3 - Horizontal Cone Through Vertical Angle (0)