

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BTRI-PRO-11-LED35-SO-SAL2.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 105054925LAX-001
[TESTLAB] Intertek
[ISSUE DATE] 04/28/2022
[MANUFAC] Prudential Lighting
[LUMCAT] BTRI-PRO-11-LED35-SO-SAL

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3511
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	140
Total Luminaire Watts	25
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Circular
Luminous Length (0-180)	1.13 ft (Diameter)
Luminous Width (90-270)	1.13 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10275	10173	10087
55	10419	10285	10183
65	10831	10723	10611
75	11813	11775	11666
85	19662	19637	19004

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0.0	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1
0.5	1017.5	1017.4	1020.3	1023.6	1021.4	1023.6	1020.3	1017.4	1017.5	1017.4
1.0	1017.8	1018.0	1021.0	1023.5	1021.2	1023.5	1021.0	1018.0	1017.8	1018.0
1.5	1017.8	1017.9	1020.6	1023.6	1021.1	1023.6	1020.6	1017.9	1017.8	1017.9
2.0	1017.3	1017.7	1020.1	1023.2	1020.9	1023.2	1020.1	1017.7	1017.3	1017.7
2.5	1017.1	1016.8	1019.4	1022.8	1020.8	1022.8	1019.4	1016.8	1017.1	1016.8
3.0	1016.5	1015.7	1018.5	1022.7	1020.3	1022.7	1018.5	1015.7	1016.5	1015.7
3.5	1016.0	1014.5	1017.4	1022.1	1020.4	1022.1	1017.4	1014.5	1016.0	1014.5
4.0	1015.5	1013.5	1017.2	1021.7	1020.0	1021.7	1017.2	1013.5	1015.5	1013.5
4.5	1015.2	1013.0	1016.5	1021.0	1019.5	1021.0	1016.5	1013.0	1015.2	1013.0
5.0	1014.8	1013.0	1015.8	1020.3	1018.5	1020.3	1015.8	1013.0	1014.8	1013.0
5.5	1013.8	1012.7	1015.6	1019.3	1017.7	1019.3	1015.6	1012.7	1013.8	1012.7
6.0	1013.5	1013.2	1015.0	1018.4	1016.6	1018.4	1015.0	1013.2	1013.5	1013.2
6.5	1013.2	1012.1	1014.6	1017.6	1015.9	1017.6	1014.6	1012.1	1013.2	1012.1
7.0	1012.7	1011.2	1013.9	1017.7	1014.7	1017.7	1013.9	1011.2	1012.7	1011.2
7.5	1011.6	1009.7	1012.0	1016.4	1013.1	1016.4	1012.0	1009.7	1011.6	1009.7
8.0	1010.2	1007.6	1010.7	1015.9	1011.6	1015.9	1010.7	1007.6	1010.2	1007.6
8.5	1009.1	1005.7	1009.1	1014.0	1010.2	1014.0	1009.1	1005.7	1009.1	1005.7
9.0	1007.0	1004.3	1007.1	1011.9	1008.3	1011.9	1007.1	1004.3	1007.0	1004.3
9.5	1004.9	1003.1	1005.5	1009.9	1006.7	1009.9	1005.5	1003.1	1004.9	1003.1
10.0	1003.1	1002.0	1003.8	1007.4	1005.0	1007.4	1003.8	1002.0	1003.1	1002.0
10.5	1001.5	999.7	1002.1	1005.0	1002.7	1005.0	1002.1	999.7	1001.5	999.7
11.0	999.5	997.6	999.9	1003.0	1000.8	1003.0	999.9	997.6	999.5	997.6
11.5	996.8	994.8	997.3	1000.5	998.6	1000.5	997.3	994.8	996.8	994.8
12.0	994.5	992.0	994.6	998.1	996.2	998.1	994.6	992.0	994.5	992.0
12.5	991.6	989.7	991.9	995.6	993.5	995.6	991.9	989.7	991.6	989.7
13.0	988.6	987.0	989.2	993.4	990.5	993.4	989.2	987.0	988.6	987.0
13.5	986.1	984.3	987.3	990.7	988.0	990.7	987.3	984.3	986.1	984.3
14.0	982.8	980.6	984.3	987.2	984.9	987.2	984.3	980.6	982.8	980.6
14.5	980.4	977.2	981.2	984.1	981.6	984.1	981.2	977.2	980.4	977.2
15.0	977.3	973.6	977.5	980.6	978.4	980.6	977.5	973.6	977.3	973.6
15.5	973.5	970.6	974.1	977.2	975.4	977.2	974.1	970.6	973.5	970.6
16.0	970.6	967.2	970.6	974.1	971.0	974.1	970.6	967.2	970.6	967.2
16.5	966.6	963.9	968.0	970.9	967.2	970.9	968.0	963.9	966.6	963.9
17.0	962.8	960.1	964.3	967.5	963.4	967.5	964.3	960.1	962.8	960.1
17.5	959.7	955.9	960.8	963.9	959.5	963.9	960.8	955.9	959.7	955.9
18.0	955.6	951.9	957.1	960.0	955.5	960.0	957.1	951.9	955.6	951.9
18.5	952.1	948.2	953.0	956.2	951.5	956.2	953.0	948.2	952.1	948.2
19.0	947.9	943.9	948.4	952.1	947.5	952.1	948.4	943.9	947.9	943.9
19.5	943.7	939.6	944.3	947.9	942.9	947.9	944.3	939.6	943.7	939.6
20.0	939.4	935.4	940.4	944.0	938.9	944.0	940.4	935.4	939.4	935.4
20.5	935.2	931.3	936.0	940.0	933.9	940.0	936.0	931.3	935.2	931.3
21.0	931.0	926.8	931.3	935.2	929.7	935.2	931.3	926.8	931.0	926.8
21.5	926.6	921.8	926.7	930.8	925.3	930.8	926.7	921.8	926.6	921.8
22.0	922.0	916.7	922.0	926.2	920.7	926.2	922.0	916.7	922.0	916.7
22.5	917.0	911.9	917.4	921.5	915.2	921.5	917.4	911.9	917.0	911.9
23.0	912.5	906.9	913.0	916.7	910.3	916.7	913.0	906.9	912.5	906.9
23.5	907.7	902.0	908.0	912.0	905.4	912.0	908.0	902.0	907.7	902.0
24.0	903.1	897.1	903.2	906.7	900.1	906.7	903.2	897.1	903.1	897.1
24.5	898.0	892.1	898.2	901.9	894.7	901.9	898.2	892.1	898.0	892.1
25.0	892.7	886.9	893.3	896.9	889.6	896.9	893.3	886.9	892.7	886.9
25.5	887.6	881.3	887.9	891.7	884.1	891.7	887.9	881.3	887.6	881.3
26.0	882.6	876.0	882.7	886.7	879.0	886.7	882.7	876.0	882.6	876.0
26.5	876.8	870.5	877.0	881.1	873.8	881.1	877.0	870.5	876.8	870.5

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27.0	871.6	865.1	871.9	875.5	868.6	875.5	871.9	865.1	871.6	865.1
27.5	866.2	859.5	866.4	870.3	862.5	870.3	866.4	859.5	866.2	859.5
28.0	860.9	853.9	860.5	864.9	856.2	864.9	860.5	853.9	860.9	853.9
28.5	855.8	848.6	854.9	859.5	850.7	859.5	854.9	848.6	855.8	848.6
29.0	850.1	843.5	849.3	853.7	844.9	853.7	849.3	843.5	850.1	843.5
29.5	844.7	837.7	843.4	847.8	839.0	847.8	843.4	837.7	844.7	837.7
30.0	839.1	831.8	837.5	842.2	833.7	842.2	837.5	831.8	839.1	831.8
30.5	833.3	825.9	831.8	836.6	827.3	836.6	831.8	825.9	833.3	825.9
31.0	827.7	820.3	825.9	830.7	821.4	830.7	825.9	820.3	827.7	820.3
31.5	822.2	814.4	819.9	825.0	815.7	825.0	819.9	814.4	822.2	814.4
32.0	816.6	808.8	814.0	819.1	809.9	819.1	814.0	808.8	816.6	808.8
32.5	810.7	802.9	808.0	813.2	804.0	813.2	808.0	802.9	810.7	802.9
33.0	805.2	797.1	802.5	807.3	798.0	807.3	802.5	797.1	805.2	797.1
33.5	799.4	791.3	796.7	801.3	791.8	801.3	796.7	791.3	799.4	791.3
34.0	793.7	785.8	790.9	795.1	786.2	795.1	790.9	785.8	793.7	785.8
34.5	788.2	779.8	785.0	789.5	780.3	789.5	785.0	779.8	788.2	779.8
35.0	782.5	774.0	779.3	783.7	774.5	783.7	779.3	774.0	782.5	774.0
35.5	776.8	768.5	773.5	777.6	768.6	777.6	773.5	768.5	776.8	768.5
36.0	771.1	762.2	767.7	771.5	762.5	771.5	767.7	762.2	771.1	762.2
36.5	765.5	756.2	762.3	765.9	756.5	765.9	762.3	756.2	765.5	756.2
37.0	759.7	750.5	756.0	759.9	750.6	759.9	756.0	750.5	759.7	750.5
37.5	753.9	744.6	749.8	753.9	744.5	753.9	749.8	744.6	753.9	744.6
38.0	748.2	739.1	743.9	748.3	738.8	748.3	743.9	739.1	748.2	739.1
38.5	742.5	733.1	738.2	742.4	732.9	742.4	738.2	733.1	742.5	733.1
39.0	736.8	727.8	732.4	736.5	727.0	736.5	732.4	727.8	736.8	727.8
39.5	731.3	723.5	726.5	730.8	722.5	730.8	726.5	723.5	731.3	723.5
40.0	727.5	717.3	722.0	724.4	716.8	724.4	722.0	717.3	727.5	717.3
40.5	721.9	711.3	716.4	719.7	711.0	719.7	716.4	711.3	721.9	711.3
41.0	716.1	706.5	711.1	714.1	705.9	714.1	711.1	706.5	716.1	706.5
41.5	710.1	701.6	706.3	708.9	701.1	708.9	706.3	701.6	710.1	701.6
42.0	704.5	695.6	700.4	704.3	695.1	704.3	700.4	695.6	704.5	695.6
42.5	698.9	689.9	694.5	698.3	689.3	698.3	694.5	689.9	698.9	689.9
43.0	694.9	683.8	688.6	692.5	683.3	692.5	688.6	683.8	694.9	683.8
43.5	689.2	678.1	682.6	686.7	677.2	686.7	682.6	678.1	689.2	678.1
44.0	683.1	672.1	676.8	680.8	671.2	680.8	676.8	672.1	683.1	672.1
44.5	677.4	666.3	671.1	675.0	665.3	675.0	671.1	666.3	677.4	666.3
45.0	671.6	660.4	664.9	669.0	659.3	669.0	664.9	660.4	671.6	660.4
45.5	665.8	654.7	659.0	663.0	653.4	663.0	659.0	654.7	665.8	654.7
46.0	660.5	648.6	653.1	657.1	647.4	657.1	653.1	648.6	660.5	648.6
46.5	654.5	642.8	647.2	651.1	641.4	651.1	647.2	642.8	654.5	642.8
47.0	648.8	636.8	641.1	644.9	635.3	644.9	641.1	636.8	648.8	636.8
47.5	642.9	631.0	635.2	638.7	629.3	638.7	635.2	631.0	642.9	631.0
48.0	637.0	625.0	629.0	632.6	623.3	632.6	629.0	625.0	637.0	625.0
48.5	631.0	619.2	623.1	626.4	617.5	626.4	623.1	619.2	631.0	619.2
49.0	625.0	613.1	617.1	620.4	611.5	620.4	617.1	613.1	625.0	613.1
49.5	619.0	607.1	611.1	614.5	605.5	614.5	611.1	607.1	619.0	607.1
50.0	612.8	601.1	605.0	608.5	599.5	608.5	605.0	601.1	612.8	601.1
50.5	607.0	595.1	599.1	602.5	593.4	602.5	599.1	595.1	607.0	595.1
51.0	600.9	589.2	593.0	596.4	587.7	596.4	593.0	589.2	600.9	589.2
51.5	594.9	583.1	587.0	590.5	581.7	590.5	587.0	583.1	594.9	583.1
52.0	588.9	577.2	581.2	584.5	575.7	584.5	581.2	577.2	588.9	577.2
52.5	583.0	571.1	575.3	578.4	569.6	578.4	575.3	571.1	583.0	571.1
53.0	576.8	565.1	569.2	572.5	563.7	572.5	569.2	565.1	576.8	565.1
53.5	570.6	559.1	563.1	566.4	557.8	566.4	563.1	559.1	570.6	559.1
54.0	564.6	553.2	557.0	560.4	551.7	560.4	557.0	553.2	564.6	553.2
54.5	558.5	547.2	551.2	554.4	545.9	554.4	551.2	547.2	558.5	547.2

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CANDELA TABULATION - (Cont.)

55.0	552.4	541.2	545.3	548.2	539.9	548.2	545.3	541.2	552.4	541.2
55.5	546.3	535.0	539.1	542.3	534.0	542.3	539.1	535.0	546.3	535.0
56.0	540.3	529.0	533.2	536.1	528.0	536.1	533.2	529.0	540.3	529.0
56.5	533.9	522.9	527.0	529.8	521.7	529.8	527.0	522.9	533.9	522.9
57.0	527.7	516.8	521.0	523.7	515.8	523.7	521.0	516.8	527.7	516.8
57.5	521.5	510.7	514.8	517.6	509.7	517.6	514.8	510.7	521.5	510.7
58.0	515.3	504.6	508.5	511.2	503.5	511.2	508.5	504.6	515.3	504.6
58.5	508.9	498.5	502.3	505.1	497.5	505.1	502.3	498.5	508.9	498.5
59.0	502.7	492.4	496.2	498.8	491.3	498.8	496.2	492.4	502.7	492.4
59.5	496.3	486.2	490.0	492.4	485.0	492.4	490.0	486.2	496.3	486.2
60.0	490.0	479.8	483.5	486.2	478.8	486.2	483.5	479.8	490.0	479.8
60.5	483.5	473.5	477.2	479.9	472.4	479.9	477.2	473.5	483.5	473.5
61.0	476.9	467.2	470.9	473.6	466.1	473.6	470.9	467.2	476.9	467.2
61.5	470.5	460.9	464.5	467.2	459.8	467.2	464.5	460.9	470.5	460.9
62.0	463.9	454.6	458.0	460.8	453.5	460.8	458.0	454.6	463.9	454.6
62.5	457.1	448.1	451.6	454.4	447.1	454.4	451.6	448.1	457.1	448.1
63.0	450.3	441.6	445.1	447.9	440.6	447.9	445.1	441.6	450.3	441.6
63.5	443.6	435.2	438.5	441.5	434.0	441.5	438.5	435.2	443.6	435.2
64.0	436.9	428.6	432.0	435.0	427.5	435.0	432.0	428.6	436.9	428.6
64.5	429.9	422.1	425.4	428.4	421.0	428.4	425.4	422.1	429.9	422.1
65.0	423.1	415.5	418.9	421.9	414.5	421.9	418.9	415.5	423.1	415.5
65.5	416.2	408.7	412.3	415.2	407.9	415.2	412.3	408.7	416.2	408.7
66.0	409.3	402.1	405.7	408.5	401.2	408.5	405.7	402.1	409.3	402.1
66.5	402.4	395.5	399.0	401.8	394.7	401.8	399.0	395.5	402.4	395.5
67.0	395.5	388.7	392.4	395.2	388.0	395.2	392.4	388.7	395.5	388.7
67.5	388.4	381.9	385.9	388.4	381.6	388.4	385.9	381.9	388.4	381.9
68.0	381.5	375.0	379.1	381.6	374.8	381.6	379.1	375.0	381.5	375.0
68.5	374.6	368.1	372.3	374.8	368.1	374.8	372.3	368.1	374.6	368.1
69.0	367.6	361.2	365.6	367.9	361.4	367.9	365.6	361.2	367.6	361.2
69.5	360.5	354.4	358.8	361.1	354.8	361.1	358.8	354.4	360.5	354.4
70.0	353.7	347.5	352.0	354.2	348.1	354.2	352.0	347.5	353.7	347.5
70.5	346.7	340.7	345.3	347.4	341.3	347.4	345.3	340.7	346.7	340.7
71.0	339.5	333.8	338.4	340.4	334.5	340.4	338.4	333.8	339.5	333.8
71.5	332.6	326.8	331.5	333.5	327.7	333.5	331.5	326.8	332.6	326.8
72.0	325.6	319.9	324.5	326.3	320.8	326.3	324.5	319.9	325.6	319.9
72.5	318.6	312.9	317.5	319.4	314.0	319.4	317.5	312.9	318.6	312.9
73.0	311.5	305.9	310.5	312.4	307.2	312.4	310.5	305.9	311.5	305.9
73.5	304.2	298.9	303.3	305.3	300.4	305.3	303.3	298.9	304.2	298.9
74.0	297.0	291.9	296.1	298.2	293.7	298.2	296.1	291.9	297.0	291.9
74.5	289.8	284.9	289.0	291.1	286.6	291.1	289.0	284.9	289.8	284.9
75.0	282.6	277.8	281.7	283.7	279.1	283.7	281.7	277.8	282.6	277.8
75.5	275.3	270.7	274.4	276.7	271.7	276.7	274.4	270.7	275.3	270.7
76.0	268.0	263.6	267.2	269.5	264.4	269.5	267.2	263.6	268.0	263.6
76.5	260.9	256.6	260.0	262.4	257.2	262.4	260.0	256.6	260.9	256.6
77.0	253.8	249.5	253.0	255.3	250.1	255.3	253.0	249.5	253.8	249.5
77.5	246.8	242.5	246.1	248.6	243.0	248.6	246.1	242.5	246.8	242.5
78.0	240.0	235.6	239.3	241.7	235.9	241.7	239.3	235.6	240.0	235.6
78.5	233.3	228.9	232.7	235.1	229.0	235.1	232.7	228.9	233.3	228.9
79.0	226.6	222.3	226.1	228.6	222.3	228.6	226.1	222.3	226.6	222.3
79.5	220.1	215.7	219.7	222.2	215.7	222.2	219.7	215.7	220.1	215.7
80.0	213.6	209.3	213.4	216.0	209.2	216.0	213.4	209.3	213.6	209.3
80.5	207.4	203.1	207.2	209.9	203.0	209.9	207.2	203.1	207.4	203.1
81.0	201.3	197.0	201.2	203.8	196.8	203.8	201.2	197.0	201.3	197.0
81.5	195.5	191.0	195.3	198.0	190.9	198.0	195.3	191.0	195.5	191.0
82.0	189.7	185.1	189.7	192.2	185.1	192.2	189.7	185.1	189.7	185.1
82.5	184.2	179.4	184.1	186.7	179.4	186.7	184.1	179.4	184.2	179.4

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

83.0	178.7	173.9	178.7	181.2	173.9	181.2	178.7	173.9	178.7	173.9
83.5	173.4	168.6	173.3	175.9	168.5	175.9	173.3	168.6	173.4	168.6
84.0	168.3	163.3	168.1	170.7	163.1	170.7	168.1	163.3	168.3	163.3
84.5	163.3	158.2	163.1	165.5	158.0	165.5	163.1	158.2	163.3	158.2
85.0	158.4	153.1	158.2	160.4	153.1	160.4	158.2	153.1	158.4	153.1
85.5	153.8	148.4	153.4	155.6	148.3	155.6	153.4	148.4	153.8	148.4
86.0	149.2	143.8	148.8	151.0	143.6	151.0	148.8	143.8	149.2	143.8
86.5	144.7	139.4	144.3	146.4	139.2	146.4	144.3	139.4	144.7	139.4
87.0	140.4	135.1	139.9	142.0	134.8	142.0	139.9	135.1	140.4	135.1
87.5	136.3	130.9	135.8	137.8	130.7	137.8	135.8	130.9	136.3	130.9
88.0	132.4	127.0	131.8	133.9	126.7	133.9	131.8	127.0	132.4	127.0
88.5	128.6	123.4	128.2	130.2	123.0	130.2	128.2	123.4	128.6	123.4
89.0	125.1	120.0	124.7	126.7	119.5	126.7	124.7	120.0	125.1	120.0
89.5	121.8	116.8	121.5	123.5	116.3	123.5	121.5	116.8	121.8	116.8
90.0	119.2	114.4	118.9	120.8	113.6	120.8	118.9	114.4	119.2	114.4
90.5	117.3	112.5	116.9	118.8	111.6	118.8	116.9	112.5	117.3	112.5
91.0	115.6	110.9	115.3	117.1	110.0	117.1	115.3	110.9	115.6	110.9
91.5	114.1	109.5	113.8	115.6	108.4	115.6	113.8	109.5	114.1	109.5
92.0	112.7	108.1	112.4	114.2	107.0	114.2	112.4	108.1	112.7	108.1
92.5	111.3	106.8	111.0	112.8	105.5	112.8	111.0	106.8	111.3	106.8
93.0	110.0	105.5	109.7	111.4	104.2	111.4	109.7	105.5	110.0	105.5
93.5	108.6	104.2	108.4	110.0	102.8	110.0	108.4	104.2	108.6	104.2
94.0	107.3	102.9	107.1	108.7	101.5	108.7	107.1	102.9	107.3	102.9
94.5	106.1	101.7	105.9	107.4	100.2	107.4	105.9	101.7	106.1	101.7
95.0	104.9	100.5	104.6	106.2	98.9	106.2	104.6	100.5	104.9	100.5
95.5	103.6	99.3	103.4	105.0	97.7	105.0	103.4	99.3	103.6	99.3
96.0	102.5	98.1	102.1	103.7	96.5	103.7	102.1	98.1	102.5	98.1
96.5	101.3	97.0	100.8	102.4	95.3	102.4	100.8	97.0	101.3	97.0
97.0	100.1	95.7	99.5	101.2	94.2	101.2	99.5	95.7	100.1	95.7
97.5	98.9	94.5	98.3	99.9	93.0	99.9	98.3	94.5	98.9	94.5
98.0	97.7	93.3	97.0	98.6	91.9	98.6	97.0	93.3	97.7	93.3
98.5	96.5	92.0	95.8	97.3	90.8	97.3	95.8	92.0	96.5	92.0
99.0	95.3	90.8	94.5	96.1	89.6	96.1	94.5	90.8	95.3	90.8
99.5	94.1	89.5	93.2	94.9	88.5	94.9	93.2	89.5	94.1	89.5
100.0	93.0	88.3	92.0	93.6	87.4	93.6	92.0	88.3	93.0	88.3
100.5	91.9	87.0	90.8	92.4	86.3	92.4	90.8	87.0	91.9	87.0
101.0	90.8	85.9	89.6	91.3	85.2	91.3	89.6	85.9	90.8	85.9
101.5	89.7	84.8	88.5	90.1	84.1	90.1	88.5	84.8	89.7	84.8
102.0	88.7	83.6	87.4	88.9	83.0	88.9	87.4	83.6	88.7	83.6
102.5	87.6	82.6	86.2	87.8	82.0	87.8	86.2	82.6	87.6	82.6
103.0	86.6	81.5	85.2	86.7	80.9	86.7	85.2	81.5	86.6	81.5
103.5	85.6	80.5	84.1	85.6	79.8	85.6	84.1	80.5	85.6	80.5
104.0	84.6	79.5	83.1	84.6	78.8	84.6	83.1	79.5	84.6	79.5
104.5	83.6	78.5	82.1	83.5	77.7	83.5	82.1	78.5	83.6	78.5
105.0	82.6	77.5	81.0	82.5	76.7	82.5	81.0	77.5	82.6	77.5
105.5	81.6	76.6	80.1	81.5	75.7	81.5	80.1	76.6	81.6	76.6
106.0	80.6	75.7	79.1	80.6	74.7	80.6	79.1	75.7	80.6	75.7
106.5	79.6	74.9	78.2	79.6	73.8	79.6	78.2	74.9	79.6	74.9
107.0	78.7	74.0	77.4	78.6	72.9	78.6	77.4	74.0	78.7	74.0
107.5	77.7	73.2	76.5	77.7	71.9	77.7	76.5	73.2	77.7	73.2
108.0	76.8	72.3	75.7	76.8	71.0	76.8	75.7	72.3	76.8	72.3
108.5	75.9	71.4	74.8	75.9	70.0	75.9	74.8	71.4	75.9	71.4
109.0	75.1	70.5	74.0	75.1	69.1	75.1	74.0	70.5	75.1	70.5
109.5	74.2	69.7	73.1	74.2	68.2	74.2	73.1	69.7	74.2	69.7
110.0	73.3	68.8	72.2	73.4	67.4	73.4	72.2	68.8	73.3	68.8
110.5	72.4	67.9	71.3	72.5	66.5	72.5	71.3	67.9	72.4	67.9

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CANDELA TABULATION - (Cont.)

111.0	71.5	67.0	70.5	71.7	65.6	71.7	70.5	67.0	71.5	67.0
111.5	70.6	66.1	69.6	70.8	64.7	70.8	69.6	66.1	70.6	66.1
112.0	69.8	65.2	68.7	70.0	63.9	70.0	68.7	65.2	69.8	65.2
112.5	69.0	64.3	67.8	69.1	63.1	69.1	67.8	64.3	69.0	64.3
113.0	68.2	63.5	67.0	68.3	62.4	68.3	67.0	63.5	68.2	63.5
113.5	67.4	62.7	66.1	67.5	61.6	67.5	66.1	62.7	67.4	62.7
114.0	66.6	61.9	65.2	66.6	60.8	66.6	65.2	61.9	66.6	61.9
114.5	65.9	61.1	64.3	65.8	60.1	65.8	64.3	61.1	65.9	61.1
115.0	65.1	60.4	63.4	64.9	59.4	64.9	63.4	60.4	65.1	60.4
115.5	64.4	59.7	62.6	64.1	58.6	64.1	62.6	59.7	64.4	59.7
116.0	63.6	59.1	61.8	63.3	57.9	63.3	61.8	59.1	63.6	59.1
116.5	62.9	58.5	60.9	62.4	57.2	62.4	60.9	58.5	62.9	58.5
117.0	62.2	57.9	60.1	61.6	56.6	61.6	60.1	57.9	62.2	57.9
117.5	61.5	57.2	59.2	60.8	55.9	60.8	59.2	57.2	61.5	57.2
118.0	60.8	56.6	58.4	60.0	55.2	60.0	58.4	56.6	60.8	56.6
118.5	60.1	55.9	57.7	59.1	54.5	59.1	57.7	55.9	60.1	55.9
119.0	59.5	55.3	57.0	58.3	53.8	58.3	57.0	55.3	59.5	55.3
119.5	58.8	54.6	56.3	57.5	53.2	57.5	56.3	54.6	58.8	54.6
120.0	58.1	54.0	55.6	56.7	52.5	56.7	55.6	54.0	58.1	54.0
120.5	57.5	53.4	54.9	55.9	51.9	55.9	54.9	53.4	57.5	53.4
121.0	56.8	52.7	54.2	55.1	51.2	55.1	54.2	52.7	56.8	52.7
121.5	56.1	52.1	53.6	54.2	50.6	54.2	53.6	52.1	56.1	52.1
122.0	55.5	51.5	52.8	53.3	50.0	53.3	52.8	51.5	55.5	51.5
122.5	54.8	51.0	52.1	52.5	49.4	52.5	52.1	51.0	54.8	51.0
123.0	54.2	50.3	51.4	51.8	48.7	51.8	51.4	50.3	54.2	50.3
123.5	53.5	49.8	50.7	51.0	48.1	51.0	50.7	49.8	53.5	49.8
124.0	52.9	49.2	50.0	50.3	47.5	50.3	50.0	49.2	52.9	49.2
124.5	52.2	48.6	49.3	49.6	46.9	49.6	49.3	48.6	52.2	48.6
125.0	51.6	48.0	48.6	48.9	46.3	48.9	48.6	48.0	51.6	48.0
125.5	50.9	47.5	48.0	48.3	45.7	48.3	48.0	47.5	50.9	47.5
126.0	50.3	46.9	47.3	47.6	45.1	47.6	47.3	46.9	50.3	46.9
126.5	49.6	46.3	46.6	47.0	44.5	47.0	46.6	46.3	49.6	46.3
127.0	49.0	45.8	45.9	46.3	43.9	46.3	45.9	45.8	49.0	45.8
127.5	48.3	45.2	45.2	45.6	43.4	45.6	45.2	45.2	48.3	45.2
128.0	47.6	44.7	44.5	44.9	42.9	44.9	44.5	44.7	47.6	44.7
128.5	47.0	44.1	43.8	44.2	42.4	44.2	43.8	44.1	47.0	44.1
129.0	46.3	43.6	43.2	43.6	41.9	43.6	43.2	43.6	46.3	43.6
129.5	45.6	43.0	42.4	42.9	41.5	42.9	42.4	43.0	45.6	43.0
130.0	45.0	42.4	41.7	42.1	41.0	42.1	41.7	42.4	45.0	42.4
130.5	44.3	41.8	41.0	41.4	40.5	41.4	41.0	41.8	44.3	41.8
131.0	43.6	41.3	40.4	40.7	40.1	40.7	40.4	41.3	43.6	41.3
131.5	42.9	40.7	39.7	40.0	39.7	40.0	39.7	40.7	42.9	40.7
132.0	42.2	40.1	39.0	39.3	39.2	39.3	39.0	40.1	42.2	40.1
132.5	41.4	39.5	38.4	38.6	38.7	38.6	38.4	39.5	41.4	39.5
133.0	40.7	38.9	37.7	37.9	38.2	37.9	37.7	38.9	40.7	38.9
133.5	39.9	38.3	37.1	37.3	37.7	37.3	37.1	38.3	39.9	38.3
134.0	39.2	37.7	36.5	36.6	37.1	36.6	36.5	37.7	39.2	37.7
134.5	38.4	37.1	35.9	36.0	36.6	36.0	35.9	37.1	38.4	37.1
135.0	37.6	36.5	35.3	35.4	36.1	35.4	35.3	36.5	37.6	36.5
135.5	36.8	35.9	34.7	34.8	35.5	34.8	34.7	35.9	36.8	35.9
136.0	36.0	35.3	34.0	34.2	34.9	34.2	34.0	35.3	36.0	35.3
136.5	35.2	34.7	33.4	33.6	34.4	33.6	33.4	34.7	35.2	34.7
137.0	34.4	34.1	32.8	32.9	33.8	32.9	32.8	34.1	34.4	34.1
137.5	33.6	33.5	32.3	32.4	33.3	32.4	32.3	33.5	33.6	33.5
138.0	32.7	32.9	31.7	31.8	32.7	31.8	31.7	32.9	32.7	32.9
138.5	31.9	32.2	31.1	31.2	32.1	31.2	31.1	32.2	31.9	32.2

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CANDELA TABULATION - (Cont.)

139.0	31.1	31.6	30.6	30.6	31.5	30.6	30.6	31.6	31.1	31.6
139.5	30.2	31.0	30.0	30.0	30.9	30.0	30.0	31.0	30.2	31.0
140.0	29.4	30.3	29.5	29.4	30.3	29.4	29.5	30.3	29.4	30.3
140.5	28.5	29.7	28.9	28.9	29.7	28.9	28.9	29.7	28.5	29.7
141.0	27.7	29.0	28.4	28.3	29.1	28.3	28.4	29.0	27.7	29.0
141.5	26.9	28.4	27.8	27.7	28.4	27.7	27.8	28.4	26.9	28.4
142.0	26.0	27.7	27.3	27.1	27.7	27.1	27.3	27.7	26.0	27.7
142.5	25.3	27.1	26.8	26.6	27.0	26.6	26.8	27.1	25.3	27.1
143.0	24.5	26.4	26.2	26.0	26.3	26.0	26.2	26.4	24.5	26.4
143.5	23.8	25.7	25.7	25.4	25.7	25.4	25.7	25.7	23.8	25.7
144.0	23.1	25.0	25.2	24.9	25.0	24.9	25.2	25.0	23.1	25.0
144.5	22.4	24.4	24.6	24.3	24.3	24.3	24.6	24.4	22.4	24.4
145.0	21.8	23.7	24.0	23.7	23.6	23.7	24.0	23.7	21.8	23.7
145.5	21.1	23.0	23.5	23.1	22.9	23.1	23.5	23.0	21.1	23.0
146.0	20.5	22.3	22.9	22.5	22.2	22.5	22.9	22.3	20.5	22.3
146.5	19.8	21.6	22.3	21.9	21.5	21.9	22.3	21.6	19.8	21.6
147.0	19.1	20.9	21.7	21.3	20.8	21.3	21.7	20.9	19.1	20.9
147.5	18.5	20.3	21.2	20.6	20.1	20.6	21.2	20.3	18.5	20.3
148.0	17.8	19.6	20.6	20.0	19.4	20.0	20.6	19.6	17.8	19.6
148.5	17.2	19.0	20.0	19.4	18.7	19.4	20.0	19.0	17.2	19.0
149.0	16.7	18.3	19.4	18.7	18.0	18.7	19.4	18.3	16.7	18.3
149.5	16.1	17.7	18.8	18.1	17.4	18.1	18.8	17.7	16.1	17.7
150.0	15.6	17.0	18.2	17.4	16.7	17.4	18.2	17.0	15.6	17.0
150.5	15.0	16.4	17.6	16.8	16.0	16.8	17.6	16.4	15.0	16.4
151.0	14.5	15.8	17.0	16.2	15.4	16.2	17.0	15.8	14.5	15.8
151.5	14.0	15.1	16.3	15.5	14.7	15.5	16.3	15.1	14.0	15.1
152.0	13.5	14.5	15.7	14.9	14.1	14.9	15.7	14.5	13.5	14.5
152.5	13.0	14.0	15.1	14.2	13.5	14.2	15.1	14.0	13.0	14.0
153.0	12.5	13.4	14.5	13.6	12.9	13.6	14.5	13.4	12.5	13.4
153.5	12.0	12.9	13.9	12.9	12.4	12.9	13.9	12.9	12.0	12.9
154.0	11.5	12.4	13.2	12.3	11.8	12.3	13.2	12.4	11.5	12.4
154.5	11.1	12.0	12.6	11.7	11.3	11.7	12.6	12.0	11.1	12.0
155.0	10.6	11.5	12.1	11.1	10.7	11.1	12.1	11.5	10.6	11.5
155.5	10.2	11.0	11.5	10.5	10.2	10.5	11.5	11.0	10.2	11.0
156.0	9.8	10.6	11.0	10.0	9.6	10.0	11.0	10.6	9.8	10.6
156.5	9.4	10.1	10.5	9.5	9.1	9.5	10.5	10.1	9.4	10.1
157.0	9.0	9.7	10.0	9.0	8.5	9.0	10.0	9.7	9.0	9.7
157.5	8.6	9.2	9.6	8.6	7.9	8.6	9.6	9.2	8.6	9.2
158.0	8.3	8.8	9.1	8.1	7.4	8.1	9.1	8.8	8.3	8.8
158.5	7.9	8.4	8.7	7.7	6.9	7.7	8.7	8.4	7.9	8.4
159.0	7.5	8.0	8.2	7.2	6.3	7.2	8.2	8.0	7.5	8.0
159.5	7.2	7.5	7.8	6.8	5.8	6.8	7.8	7.5	7.2	7.5
160.0	6.9	7.1	7.3	6.4	5.4	6.4	7.3	7.1	6.9	7.1
160.5	6.6	6.7	6.9	6.1	4.9	6.1	6.9	6.7	6.6	6.7
161.0	6.2	6.4	6.5	5.7	4.5	5.7	6.5	6.4	6.2	6.4
161.5	6.0	6.0	6.1	5.3	4.1	5.3	6.1	6.0	6.0	6.0
162.0	5.7	5.6	5.8	5.0	3.7	5.0	5.8	5.6	5.7	5.6
162.5	5.4	5.3	5.4	4.7	3.4	4.7	5.4	5.3	5.4	5.3
163.0	5.2	5.0	5.0	4.3	3.1	4.3	5.0	5.0	5.2	5.0
163.5	4.9	4.7	4.7	4.0	2.9	4.0	4.7	4.7	4.9	4.7
164.0	4.7	4.4	4.3	3.7	2.6	3.7	4.3	4.4	4.7	4.4
164.5	4.5	4.2	4.0	3.4	2.4	3.4	4.0	4.2	4.5	4.2
165.0	4.2	3.9	3.7	3.1	2.3	3.1	3.7	3.9	4.2	3.9
165.5	4.0	3.7	3.4	2.8	2.1	2.8	3.4	3.7	4.0	3.7
166.0	3.8	3.5	3.1	2.6	2.0	2.6	3.1	3.5	3.8	3.5
166.5	3.6	3.3	2.8	2.4	1.9	2.4	2.8	3.3	3.6	3.3

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CANDELA TABULATION - (Cont.)

167.0	3.3	3.1	2.6	2.2	1.7	2.2	2.6	3.1	3.3	3.1
167.5	3.1	3.0	2.4	2.0	1.6	2.0	2.4	3.0	3.1	3.0
168.0	2.9	2.8	2.2	1.9	1.5	1.9	2.2	2.8	2.9	2.8
168.5	2.7	2.6	2.1	1.8	1.3	1.8	2.1	2.6	2.7	2.6
169.0	2.6	2.4	1.9	1.6	1.3	1.6	1.9	2.4	2.6	2.4
169.5	2.4	2.2	1.8	1.6	1.2	1.6	1.8	2.2	2.4	2.2
170.0	2.2	2.0	1.7	1.5	1.1	1.5	1.7	2.0	2.2	2.0
170.5	2.0	1.9	1.6	1.4	1.0	1.4	1.6	1.9	2.0	1.9
171.0	1.8	1.7	1.5	1.3	0.9	1.3	1.5	1.7	1.8	1.7
171.5	1.7	1.6	1.4	1.2	0.8	1.2	1.4	1.6	1.7	1.6
172.0	1.5	1.4	1.3	1.2	0.8	1.2	1.3	1.4	1.5	1.4
172.5	1.3	1.3	1.1	1.1	0.7	1.1	1.1	1.3	1.3	1.3
173.0	1.1	1.2	0.9	1.0	0.6	1.0	0.9	1.2	1.1	1.2
173.5	1.0	1.1	0.8	0.9	0.6	0.9	0.8	1.1	1.0	1.1
174.0	0.9	1.0	0.7	0.7	0.5	0.7	0.7	1.0	0.9	1.0
174.5	0.8	0.8	0.6	0.6	0.4	0.6	0.6	0.8	0.8	0.8
175.0	0.7	0.7	0.6	0.5	0.3	0.5	0.6	0.7	0.7	0.7
175.5	0.6	0.5	0.5	0.4	0.3	0.4	0.5	0.5	0.6	0.5
176.0	0.5	0.4	0.4	0.3	0.2	0.3	0.4	0.4	0.5	0.4
176.5	0.4	0.4	0.3	0.3	0.1	0.3	0.3	0.4	0.4	0.4
177.0	0.4	0.3	0.2	0.2	0.1	0.2	0.2	0.3	0.4	0.3
177.5	0.3	0.3	0.2	0.1	0.1	0.1	0.2	0.3	0.3	0.3
178.0	0.2	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.2	0.2
178.5	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.2	0.2	0.2
179.0	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
179.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1	1020.1
0.5	1020.3	1023.6	1021.4	1023.6	1020.3	1017.4	1017.5
1.0	1021.0	1023.5	1021.2	1023.5	1021.0	1018.0	1017.8
1.5	1020.6	1023.6	1021.1	1023.6	1020.6	1017.9	1017.8
2.0	1020.1	1023.2	1020.9	1023.2	1020.1	1017.7	1017.3
2.5	1019.4	1022.8	1020.8	1022.8	1019.4	1016.8	1017.1
3.0	1018.5	1022.7	1020.3	1022.7	1018.5	1015.7	1016.5
3.5	1017.4	1022.1	1020.4	1022.1	1017.4	1014.5	1016.0
4.0	1017.2	1021.7	1020.0	1021.7	1017.2	1013.5	1015.5
4.5	1016.5	1021.0	1019.5	1021.0	1016.5	1013.0	1015.2
5.0	1015.8	1020.3	1018.5	1020.3	1015.8	1013.0	1014.8
5.5	1015.6	1019.3	1017.7	1019.3	1015.6	1012.7	1013.8
6.0	1015.0	1018.4	1016.6	1018.4	1015.0	1013.2	1013.5
6.5	1014.6	1017.6	1015.9	1017.6	1014.6	1012.1	1013.2
7.0	1013.9	1017.7	1014.7	1017.7	1013.9	1011.2	1012.7
7.5	1012.0	1016.4	1013.1	1016.4	1012.0	1009.7	1011.6
8.0	1010.7	1015.9	1011.6	1015.9	1010.7	1007.6	1010.2
8.5	1009.1	1014.0	1010.2	1014.0	1009.1	1005.7	1009.1
9.0	1007.1	1011.9	1008.3	1011.9	1007.1	1004.3	1007.0
9.5	1005.5	1009.9	1006.7	1009.9	1005.5	1003.1	1004.9
10.0	1003.8	1007.4	1005.0	1007.4	1003.8	1002.0	1003.1
10.5	1002.1	1005.0	1002.7	1005.0	1002.1	999.7	1001.5
11.0	999.9	1003.0	1000.8	1003.0	999.9	997.6	999.5
11.5	997.3	1000.5	998.6	1000.5	997.3	994.8	996.8
12.0	994.6	998.1	996.2	998.1	994.6	992.0	994.5

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

12.5	991.9	995.6	993.5	995.6	991.9	989.7	991.6
13.0	989.2	993.4	990.5	993.4	989.2	987.0	988.6
13.5	987.3	990.7	988.0	990.7	987.3	984.3	986.1
14.0	984.3	987.2	984.9	987.2	984.3	980.6	982.8
14.5	981.2	984.1	981.6	984.1	981.2	977.2	980.4
15.0	977.5	980.6	978.4	980.6	977.5	973.6	977.3
15.5	974.1	977.2	975.4	977.2	974.1	970.6	973.5
16.0	970.6	974.1	971.0	974.1	970.6	967.2	970.6
16.5	968.0	970.9	967.2	970.9	968.0	963.9	966.6
17.0	964.3	967.5	963.4	967.5	964.3	960.1	962.8
17.5	960.8	963.9	959.5	963.9	960.8	955.9	959.7
18.0	957.1	960.0	955.5	960.0	957.1	951.9	955.6
18.5	953.0	956.2	951.5	956.2	953.0	948.2	952.1
19.0	948.4	952.1	947.5	952.1	948.4	943.9	947.9
19.5	944.3	947.9	942.9	947.9	944.3	939.6	943.7
20.0	940.4	944.0	938.9	944.0	940.4	935.4	939.4
20.5	936.0	940.0	933.9	940.0	936.0	931.3	935.2
21.0	931.3	935.2	929.7	935.2	931.3	926.8	931.0
21.5	926.7	930.8	925.3	930.8	926.7	921.8	926.6
22.0	922.0	926.2	920.7	926.2	922.0	916.7	922.0
22.5	917.4	921.5	915.2	921.5	917.4	911.9	917.0
23.0	913.0	916.7	910.3	916.7	913.0	906.9	912.5
23.5	908.0	912.0	905.4	912.0	908.0	902.0	907.7
24.0	903.2	906.7	900.1	906.7	903.2	897.1	903.1
24.5	898.2	901.9	894.7	901.9	898.2	892.1	898.0
25.0	893.3	896.9	889.6	896.9	893.3	886.9	892.7
25.5	887.9	891.7	884.1	891.7	887.9	881.3	887.6
26.0	882.7	886.7	879.0	886.7	882.7	876.0	882.6
26.5	877.0	881.1	873.8	881.1	877.0	870.5	876.8
27.0	871.9	875.5	868.6	875.5	871.9	865.1	871.6
27.5	866.4	870.3	862.5	870.3	866.4	859.5	866.2
28.0	860.5	864.9	856.2	864.9	860.5	853.9	860.9
28.5	854.9	859.5	850.7	859.5	854.9	848.6	855.8
29.0	849.3	853.7	844.9	853.7	849.3	843.5	850.1
29.5	843.4	847.8	839.0	847.8	843.4	837.7	844.7
30.0	837.5	842.2	833.7	842.2	837.5	831.8	839.1
30.5	831.8	836.6	827.3	836.6	831.8	825.9	833.3
31.0	825.9	830.7	821.4	830.7	825.9	820.3	827.7
31.5	819.9	825.0	815.7	825.0	819.9	814.4	822.2
32.0	814.0	819.1	809.9	819.1	814.0	808.8	816.6
32.5	808.0	813.2	804.0	813.2	808.0	802.9	810.7
33.0	802.5	807.3	798.0	807.3	802.5	797.1	805.2
33.5	796.7	801.3	791.8	801.3	796.7	791.3	799.4
34.0	790.9	795.1	786.2	795.1	790.9	785.8	793.7
34.5	785.0	789.5	780.3	789.5	785.0	779.8	788.2
35.0	779.3	783.7	774.5	783.7	779.3	774.0	782.5
35.5	773.5	777.6	768.6	777.6	773.5	768.5	776.8
36.0	767.7	771.5	762.5	771.5	767.7	762.2	771.1
36.5	762.3	765.9	756.5	765.9	762.3	756.2	765.5
37.0	756.0	759.9	750.6	759.9	756.0	750.5	759.7
37.5	749.8	753.9	744.5	753.9	749.8	744.6	753.9
38.0	743.9	748.3	738.8	748.3	743.9	739.1	748.2
38.5	738.2	742.4	732.9	742.4	738.2	733.1	742.5
39.0	732.4	736.5	727.0	736.5	732.4	727.8	736.8
39.5	726.5	730.8	722.5	730.8	726.5	723.5	731.3
40.0	722.0	724.4	716.8	724.4	722.0	717.3	727.5

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CANDELA TABULATION - (Cont.)

40.5	716.4	719.7	711.0	719.7	716.4	711.3	721.9
41.0	711.1	714.1	705.9	714.1	711.1	706.5	716.1
41.5	706.3	708.9	701.1	708.9	706.3	701.6	710.1
42.0	700.4	704.3	695.1	704.3	700.4	695.6	704.5
42.5	694.5	698.3	689.3	698.3	694.5	689.9	698.9
43.0	688.6	692.5	683.3	692.5	688.6	683.8	694.9
43.5	682.6	686.7	677.2	686.7	682.6	678.1	689.2
44.0	676.8	680.8	671.2	680.8	676.8	672.1	683.1
44.5	671.1	675.0	665.3	675.0	671.1	666.3	677.4
45.0	664.9	669.0	659.3	669.0	664.9	660.4	671.6
45.5	659.0	663.0	653.4	663.0	659.0	654.7	665.8
46.0	653.1	657.1	647.4	657.1	653.1	648.6	660.5
46.5	647.2	651.1	641.4	651.1	647.2	642.8	654.5
47.0	641.1	644.9	635.3	644.9	641.1	636.8	648.8
47.5	635.2	638.7	629.3	638.7	635.2	631.0	642.9
48.0	629.0	632.6	623.3	632.6	629.0	625.0	637.0
48.5	623.1	626.4	617.5	626.4	623.1	619.2	631.0
49.0	617.1	620.4	611.5	620.4	617.1	613.1	625.0
49.5	611.1	614.5	605.5	614.5	611.1	607.1	619.0
50.0	605.0	608.5	599.5	608.5	605.0	601.1	612.8
50.5	599.1	602.5	593.4	602.5	599.1	595.1	607.0
51.0	593.0	596.4	587.7	596.4	593.0	589.2	600.9
51.5	587.0	590.5	581.7	590.5	587.0	583.1	594.9
52.0	581.2	584.5	575.7	584.5	581.2	577.2	588.9
52.5	575.3	578.4	569.6	578.4	575.3	571.1	583.0
53.0	569.2	572.5	563.7	572.5	569.2	565.1	576.8
53.5	563.1	566.4	557.8	566.4	563.1	559.1	570.6
54.0	557.0	560.4	551.7	560.4	557.0	553.2	564.6
54.5	551.2	554.4	545.9	554.4	551.2	547.2	558.5
55.0	545.3	548.2	539.9	548.2	545.3	541.2	552.4
55.5	539.1	542.3	534.0	542.3	539.1	535.0	546.3
56.0	533.2	536.1	528.0	536.1	533.2	529.0	540.3
56.5	527.0	529.8	521.7	529.8	527.0	522.9	533.9
57.0	521.0	523.7	515.8	523.7	521.0	516.8	527.7
57.5	514.8	517.6	509.7	517.6	514.8	510.7	521.5
58.0	508.5	511.2	503.5	511.2	508.5	504.6	515.3
58.5	502.3	505.1	497.5	505.1	502.3	498.5	508.9
59.0	496.2	498.8	491.3	498.8	496.2	492.4	502.7
59.5	490.0	492.4	485.0	492.4	490.0	486.2	496.3
60.0	483.5	486.2	478.8	486.2	483.5	479.8	490.0
60.5	477.2	479.9	472.4	479.9	477.2	473.5	483.5
61.0	470.9	473.6	466.1	473.6	470.9	467.2	476.9
61.5	464.5	467.2	459.8	467.2	464.5	460.9	470.5
62.0	458.0	460.8	453.5	460.8	458.0	454.6	463.9
62.5	451.6	454.4	447.1	454.4	451.6	448.1	457.1
63.0	445.1	447.9	440.6	447.9	445.1	441.6	450.3
63.5	438.5	441.5	434.0	441.5	438.5	435.2	443.6
64.0	432.0	435.0	427.5	435.0	432.0	428.6	436.9
64.5	425.4	428.4	421.0	428.4	425.4	422.1	429.9
65.0	418.9	421.9	414.5	421.9	418.9	415.5	423.1
65.5	412.3	415.2	407.9	415.2	412.3	408.7	416.2
66.0	405.7	408.5	401.2	408.5	405.7	402.1	409.3
66.5	399.0	401.8	394.7	401.8	399.0	395.5	402.4
67.0	392.4	395.2	388.0	395.2	392.4	388.7	395.5
67.5	385.9	388.4	381.6	388.4	385.9	381.9	388.4
68.0	379.1	381.6	374.8	381.6	379.1	375.0	381.5

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CANDELA TABULATION - (Cont.)

68.5	372.3	374.8	368.1	374.8	372.3	368.1	374.6
69.0	365.6	367.9	361.4	367.9	365.6	361.2	367.6
69.5	358.8	361.1	354.8	361.1	358.8	354.4	360.5
70.0	352.0	354.2	348.1	354.2	352.0	347.5	353.7
70.5	345.3	347.4	341.3	347.4	345.3	340.7	346.7
71.0	338.4	340.4	334.5	340.4	338.4	333.8	339.5
71.5	331.5	333.5	327.7	333.5	331.5	326.8	332.6
72.0	324.5	326.3	320.8	326.3	324.5	319.9	325.6
72.5	317.5	319.4	314.0	319.4	317.5	312.9	318.6
73.0	310.5	312.4	307.2	312.4	310.5	305.9	311.5
73.5	303.3	305.3	300.4	305.3	303.3	298.9	304.2
74.0	296.1	298.2	293.7	298.2	296.1	291.9	297.0
74.5	289.0	291.1	286.6	291.1	289.0	284.9	289.8
75.0	281.7	283.7	279.1	283.7	281.7	277.8	282.6
75.5	274.4	276.7	271.7	276.7	274.4	270.7	275.3
76.0	267.2	269.5	264.4	269.5	267.2	263.6	268.0
76.5	260.0	262.4	257.2	262.4	260.0	256.6	260.9
77.0	253.0	255.3	250.1	255.3	253.0	249.5	253.8
77.5	246.1	248.6	243.0	248.6	246.1	242.5	246.8
78.0	239.3	241.7	235.9	241.7	239.3	235.6	240.0
78.5	232.7	235.1	229.0	235.1	232.7	228.9	233.3
79.0	226.1	228.6	222.3	228.6	226.1	222.3	226.6
79.5	219.7	222.2	215.7	222.2	219.7	215.7	220.1
80.0	213.4	216.0	209.2	216.0	213.4	209.3	213.6
80.5	207.2	209.9	203.0	209.9	207.2	203.1	207.4
81.0	201.2	203.8	196.8	203.8	201.2	197.0	201.3
81.5	195.3	198.0	190.9	198.0	195.3	191.0	195.5
82.0	189.7	192.2	185.1	192.2	189.7	185.1	189.7
82.5	184.1	186.7	179.4	186.7	184.1	179.4	184.2
83.0	178.7	181.2	173.9	181.2	178.7	173.9	178.7
83.5	173.3	175.9	168.5	175.9	173.3	168.6	173.4
84.0	168.1	170.7	163.1	170.7	168.1	163.3	168.3
84.5	163.1	165.5	158.0	165.5	163.1	158.2	163.3
85.0	158.2	160.4	153.1	160.4	158.2	153.1	158.4
85.5	153.4	155.6	148.3	155.6	153.4	148.4	153.8
86.0	148.8	151.0	143.6	151.0	148.8	143.8	149.2
86.5	144.3	146.4	139.2	146.4	144.3	139.4	144.7
87.0	139.9	142.0	134.8	142.0	139.9	135.1	140.4
87.5	135.8	137.8	130.7	137.8	135.8	130.9	136.3
88.0	131.8	133.9	126.7	133.9	131.8	127.0	132.4
88.5	128.2	130.2	123.0	130.2	128.2	123.4	128.6
89.0	124.7	126.7	119.5	126.7	124.7	120.0	125.1
89.5	121.5	123.5	116.3	123.5	121.5	116.8	121.8
90.0	118.9	120.8	113.6	120.8	118.9	114.4	119.2
90.5	116.9	118.8	111.6	118.8	116.9	112.5	117.3
91.0	115.3	117.1	110.0	117.1	115.3	110.9	115.6
91.5	113.8	115.6	108.4	115.6	113.8	109.5	114.1
92.0	112.4	114.2	107.0	114.2	112.4	108.1	112.7
92.5	111.0	112.8	105.5	112.8	111.0	106.8	111.3
93.0	109.7	111.4	104.2	111.4	109.7	105.5	110.0
93.5	108.4	110.0	102.8	110.0	108.4	104.2	108.6
94.0	107.1	108.7	101.5	108.7	107.1	102.9	107.3
94.5	105.9	107.4	100.2	107.4	105.9	101.7	106.1
95.0	104.6	106.2	98.9	106.2	104.6	100.5	104.9
95.5	103.4	105.0	97.7	105.0	103.4	99.3	103.6
96.0	102.1	103.7	96.5	103.7	102.1	98.1	102.5

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BTRI-PRO-11-LED35-SO-SAL2.IES

CANDELA TABULATION - (Cont.)

96.5	100.8	102.4	95.3	102.4	100.8	97.0	101.3
97.0	99.5	101.2	94.2	101.2	99.5	95.7	100.1
97.5	98.3	99.9	93.0	99.9	98.3	94.5	98.9
98.0	97.0	98.6	91.9	98.6	97.0	93.3	97.7
98.5	95.8	97.3	90.8	97.3	95.8	92.0	96.5
99.0	94.5	96.1	89.6	96.1	94.5	90.8	95.3
99.5	93.2	94.9	88.5	94.9	93.2	89.5	94.1
100.0	92.0	93.6	87.4	93.6	92.0	88.3	93.0
100.5	90.8	92.4	86.3	92.4	90.8	87.0	91.9
101.0	89.6	91.3	85.2	91.3	89.6	85.9	90.8
101.5	88.5	90.1	84.1	90.1	88.5	84.8	89.7
102.0	87.4	88.9	83.0	88.9	87.4	83.6	88.7
102.5	86.2	87.8	82.0	87.8	86.2	82.6	87.6
103.0	85.2	86.7	80.9	86.7	85.2	81.5	86.6
103.5	84.1	85.6	79.8	85.6	84.1	80.5	85.6
104.0	83.1	84.6	78.8	84.6	83.1	79.5	84.6
104.5	82.1	83.5	77.7	83.5	82.1	78.5	83.6
105.0	81.0	82.5	76.7	82.5	81.0	77.5	82.6
105.5	80.1	81.5	75.7	81.5	80.1	76.6	81.6
106.0	79.1	80.6	74.7	80.6	79.1	75.7	80.6
106.5	78.2	79.6	73.8	79.6	78.2	74.9	79.6
107.0	77.4	78.6	72.9	78.6	77.4	74.0	78.7
107.5	76.5	77.7	71.9	77.7	76.5	73.2	77.7
108.0	75.7	76.8	71.0	76.8	75.7	72.3	76.8
108.5	74.8	75.9	70.0	75.9	74.8	71.4	75.9
109.0	74.0	75.1	69.1	75.1	74.0	70.5	75.1
109.5	73.1	74.2	68.2	74.2	73.1	69.7	74.2
110.0	72.2	73.4	67.4	73.4	72.2	68.8	73.3
110.5	71.3	72.5	66.5	72.5	71.3	67.9	72.4
111.0	70.5	71.7	65.6	71.7	70.5	67.0	71.5
111.5	69.6	70.8	64.7	70.8	69.6	66.1	70.6
112.0	68.7	70.0	63.9	70.0	68.7	65.2	69.8
112.5	67.8	69.1	63.1	69.1	67.8	64.3	69.0
113.0	67.0	68.3	62.4	68.3	67.0	63.5	68.2
113.5	66.1	67.5	61.6	67.5	66.1	62.7	67.4
114.0	65.2	66.6	60.8	66.6	65.2	61.9	66.6
114.5	64.3	65.8	60.1	65.8	64.3	61.1	65.9
115.0	63.4	64.9	59.4	64.9	63.4	60.4	65.1
115.5	62.6	64.1	58.6	64.1	62.6	59.7	64.4
116.0	61.8	63.3	57.9	63.3	61.8	59.1	63.6
116.5	60.9	62.4	57.2	62.4	60.9	58.5	62.9
117.0	60.1	61.6	56.6	61.6	60.1	57.9	62.2
117.5	59.2	60.8	55.9	60.8	59.2	57.2	61.5
118.0	58.4	60.0	55.2	60.0	58.4	56.6	60.8
118.5	57.7	59.1	54.5	59.1	57.7	55.9	60.1
119.0	57.0	58.3	53.8	58.3	57.0	55.3	59.5
119.5	56.3	57.5	53.2	57.5	56.3	54.6	58.8
120.0	55.6	56.7	52.5	56.7	55.6	54.0	58.1
120.5	54.9	55.9	51.9	55.9	54.9	53.4	57.5
121.0	54.2	55.1	51.2	55.1	54.2	52.7	56.8
121.5	53.6	54.2	50.6	54.2	53.6	52.1	56.1
122.0	52.8	53.3	50.0	53.3	52.8	51.5	55.5
122.5	52.1	52.5	49.4	52.5	52.1	51.0	54.8
123.0	51.4	51.8	48.7	51.8	51.4	50.3	54.2
123.5	50.7	51.0	48.1	51.0	50.7	49.8	53.5
124.0	50.0	50.3	47.5	50.3	50.0	49.2	52.9

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

124.5	49.3	49.6	46.9	49.6	49.3	48.6	52.2
125.0	48.6	48.9	46.3	48.9	48.6	48.0	51.6
125.5	48.0	48.3	45.7	48.3	48.0	47.5	50.9
126.0	47.3	47.6	45.1	47.6	47.3	46.9	50.3
126.5	46.6	47.0	44.5	47.0	46.6	46.3	49.6
127.0	45.9	46.3	43.9	46.3	45.9	45.8	49.0
127.5	45.2	45.6	43.4	45.6	45.2	45.2	48.3
128.0	44.5	44.9	42.9	44.9	44.5	44.7	47.6
128.5	43.8	44.2	42.4	44.2	43.8	44.1	47.0
129.0	43.2	43.6	41.9	43.6	43.2	43.6	46.3
129.5	42.4	42.9	41.5	42.9	42.4	43.0	45.6
130.0	41.7	42.1	41.0	42.1	41.7	42.4	45.0
130.5	41.0	41.4	40.5	41.4	41.0	41.8	44.3
131.0	40.4	40.7	40.1	40.7	40.4	41.3	43.6
131.5	39.7	40.0	39.7	40.0	39.7	40.7	42.9
132.0	39.0	39.3	39.2	39.3	39.0	40.1	42.2
132.5	38.4	38.6	38.7	38.6	38.4	39.5	41.4
133.0	37.7	37.9	38.2	37.9	37.7	38.9	40.7
133.5	37.1	37.3	37.7	37.3	37.1	38.3	39.9
134.0	36.5	36.6	37.1	36.6	36.5	37.7	39.2
134.5	35.9	36.0	36.6	36.0	35.9	37.1	38.4
135.0	35.3	35.4	36.1	35.4	35.3	36.5	37.6
135.5	34.7	34.8	35.5	34.8	34.7	35.9	36.8
136.0	34.0	34.2	34.9	34.2	34.0	35.3	36.0
136.5	33.4	33.6	34.4	33.6	33.4	34.7	35.2
137.0	32.8	32.9	33.8	32.9	32.8	34.1	34.4
137.5	32.3	32.4	33.3	32.4	32.3	33.5	33.6
138.0	31.7	31.8	32.7	31.8	31.7	32.9	32.7
138.5	31.1	31.2	32.1	31.2	31.1	32.2	31.9
139.0	30.6	30.6	31.5	30.6	30.6	31.6	31.1
139.5	30.0	30.0	30.9	30.0	30.0	31.0	30.2
140.0	29.5	29.4	30.3	29.4	29.5	30.3	29.4
140.5	28.9	28.9	29.7	28.9	28.9	29.7	28.5
141.0	28.4	28.3	29.1	28.3	28.4	29.0	27.7
141.5	27.8	27.7	28.4	27.7	27.8	28.4	26.9
142.0	27.3	27.1	27.7	27.1	27.3	27.7	26.0
142.5	26.8	26.6	27.0	26.6	26.8	27.1	25.3
143.0	26.2	26.0	26.3	26.0	26.2	26.4	24.5
143.5	25.7	25.4	25.7	25.4	25.7	25.7	23.8
144.0	25.2	24.9	25.0	24.9	25.2	25.0	23.1
144.5	24.6	24.3	24.3	24.3	24.6	24.4	22.4
145.0	24.0	23.7	23.6	23.7	24.0	23.7	21.8
145.5	23.5	23.1	22.9	23.1	23.5	23.0	21.1
146.0	22.9	22.5	22.2	22.5	22.9	22.3	20.5
146.5	22.3	21.9	21.5	21.9	22.3	21.6	19.8
147.0	21.7	21.3	20.8	21.3	21.7	20.9	19.1
147.5	21.2	20.6	20.1	20.6	21.2	20.3	18.5
148.0	20.6	20.0	19.4	20.0	20.6	19.6	17.8
148.5	20.0	19.4	18.7	19.4	20.0	19.0	17.2
149.0	19.4	18.7	18.0	18.7	19.4	18.3	16.7
149.5	18.8	18.1	17.4	18.1	18.8	17.7	16.1
150.0	18.2	17.4	16.7	17.4	18.2	17.0	15.6
150.5	17.6	16.8	16.0	16.8	17.6	16.4	15.0
151.0	17.0	16.2	15.4	16.2	17.0	15.8	14.5
151.5	16.3	15.5	14.7	15.5	16.3	15.1	14.0
152.0	15.7	14.9	14.1	14.9	15.7	14.5	13.5

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

152.5	15.1	14.2	13.5	14.2	15.1	14.0	13.0
153.0	14.5	13.6	12.9	13.6	14.5	13.4	12.5
153.5	13.9	12.9	12.4	12.9	13.9	12.9	12.0
154.0	13.2	12.3	11.8	12.3	13.2	12.4	11.5
154.5	12.6	11.7	11.3	11.7	12.6	12.0	11.1
155.0	12.1	11.1	10.7	11.1	12.1	11.5	10.6
155.5	11.5	10.5	10.2	10.5	11.5	11.0	10.2
156.0	11.0	10.0	9.6	10.0	11.0	10.6	9.8
156.5	10.5	9.5	9.1	9.5	10.5	10.1	9.4
157.0	10.0	9.0	8.5	9.0	10.0	9.7	9.0
157.5	9.6	8.6	7.9	8.6	9.6	9.2	8.6
158.0	9.1	8.1	7.4	8.1	9.1	8.8	8.3
158.5	8.7	7.7	6.9	7.7	8.7	8.4	7.9
159.0	8.2	7.2	6.3	7.2	8.2	8.0	7.5
159.5	7.8	6.8	5.8	6.8	7.8	7.5	7.2
160.0	7.3	6.4	5.4	6.4	7.3	7.1	6.9
160.5	6.9	6.1	4.9	6.1	6.9	6.7	6.6
161.0	6.5	5.7	4.5	5.7	6.5	6.4	6.2
161.5	6.1	5.3	4.1	5.3	6.1	6.0	6.0
162.0	5.8	5.0	3.7	5.0	5.8	5.6	5.7
162.5	5.4	4.7	3.4	4.7	5.4	5.3	5.4
163.0	5.0	4.3	3.1	4.3	5.0	5.0	5.2
163.5	4.7	4.0	2.9	4.0	4.7	4.7	4.9
164.0	4.3	3.7	2.6	3.7	4.3	4.4	4.7
164.5	4.0	3.4	2.4	3.4	4.0	4.2	4.5
165.0	3.7	3.1	2.3	3.1	3.7	3.9	4.2
165.5	3.4	2.8	2.1	2.8	3.4	3.7	4.0
166.0	3.1	2.6	2.0	2.6	3.1	3.5	3.8
166.5	2.8	2.4	1.9	2.4	2.8	3.3	3.6
167.0	2.6	2.2	1.7	2.2	2.6	3.1	3.3
167.5	2.4	2.0	1.6	2.0	2.4	3.0	3.1
168.0	2.2	1.9	1.5	1.9	2.2	2.8	2.9
168.5	2.1	1.8	1.3	1.8	2.1	2.6	2.7
169.0	1.9	1.6	1.3	1.6	1.9	2.4	2.6
169.5	1.8	1.6	1.2	1.6	1.8	2.2	2.4
170.0	1.7	1.5	1.1	1.5	1.7	2.0	2.2
170.5	1.6	1.4	1.0	1.4	1.6	1.9	2.0
171.0	1.5	1.3	0.9	1.3	1.5	1.7	1.8
171.5	1.4	1.2	0.8	1.2	1.4	1.6	1.7
172.0	1.3	1.2	0.8	1.2	1.3	1.4	1.5
172.5	1.1	1.1	0.7	1.1	1.1	1.3	1.3
173.0	0.9	1.0	0.6	1.0	0.9	1.2	1.1
173.5	0.8	0.9	0.6	0.9	0.8	1.1	1.0
174.0	0.7	0.7	0.5	0.7	0.7	1.0	0.9
174.5	0.6	0.6	0.4	0.6	0.6	0.8	0.8
175.0	0.6	0.5	0.3	0.5	0.6	0.7	0.7
175.5	0.5	0.4	0.3	0.4	0.5	0.5	0.6
176.0	0.4	0.3	0.2	0.3	0.4	0.4	0.5
176.5	0.3	0.3	0.1	0.3	0.3	0.4	0.4
177.0	0.2	0.2	0.1	0.2	0.2	0.3	0.4
177.5	0.2	0.1	0.1	0.1	0.2	0.3	0.3
178.0	0.2	0.1	0.0	0.1	0.2	0.2	0.2
178.5	0.1	0.1	0.0	0.1	0.1	0.2	0.2
179.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1
179.5	0.0	0.0	0.0	0.0	0.0	0.1	0.1
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	372.28	N.A.	10.60
0-30	783.08	N.A.	22.30
0-40	1270.81	N.A.	36.20
0-60	2271.88	N.A.	64.70
0-80	2983.05	N.A.	85.00
0-90	3156.93	N.A.	89.90
10-90	3060.25	N.A.	87.20
20-40	898.53	N.A.	25.60
20-50	1411.85	N.A.	40.20
40-70	1415.35	N.A.	40.30
60-80	711.16	N.A.	20.30
70-80	296.88	N.A.	8.50
80-90	173.88	N.A.	5.00
90-110	198.27	N.A.	5.60
90-120	260.86	N.A.	7.40
90-130	304.69	N.A.	8.70
90-150	347.64	N.A.	9.90
90-180	354.38	N.A.	10.10
110-180	156.11	N.A.	4.40
0-180	3511.31	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	96.69
10-20	275.60
20-30	410.80
30-40	487.73
40-50	513.32
50-60	487.75
60-70	414.28
70-80	296.88
80-90	173.88
90-100	113.01
100-110	85.26
110-120	62.59
120-130	43.83
130-140	28.03
140-150	14.92
150-160	5.50
160-170	1.14
170-180	0.09

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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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	105	99	94	90	101	96	92	88	90	86	83	84	81	79	79	77	75	72
2	95	86	78	72	91	83	76	70	78	72	67	73	68	64	68	65	61	58
3	86	75	66	59	83	72	64	58	68	61	56	64	58	53	60	55	51	49
4	78	66	57	50	75	64	55	49	60	53	47	57	50	45	53	48	44	41
5	72	59	49	43	69	57	48	42	54	46	41	51	44	39	48	42	38	35
6	66	53	44	37	64	51	43	36	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	46	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	31	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	34	28	24	22
10	50	37	29	23	48	36	28	23	34	27	23	33	26	22	31	26	22	20

IES INDOOR REPORT
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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

X=2H	Y=2H	18.7	20.1	19.2	20.6	21.2	18.7	20.2	19.2	20.7	21.2
	3H	20.9	22.3	21.5	22.8	23.4	21.0	22.3	21.5	22.8	23.4
	4H	21.9	23.2	22.5	23.8	24.4	22.0	23.2	22.5	23.8	24.4
	6H	22.9	24.1	23.4	24.6	25.3	22.9	24.1	23.5	24.6	25.3
	8H	23.4	24.5	23.9	25.1	25.7	23.3	24.5	23.9	25.1	25.7
	12H	23.8	24.9	24.4	25.5	26.2	23.8	24.9	24.4	25.5	26.1

UGR Viewed Endwise

4H	2H	19.4	20.7	19.9	21.2	21.8	19.4	20.7	20.0	21.2	21.8
	3H	21.9	23.0	22.5	23.6	24.2	22.0	23.0	22.5	23.6	24.2
	4H	23.1	24.1	23.7	24.7	25.3	23.1	24.1	23.7	24.7	25.4
	6H	24.2	25.1	24.8	25.7	26.4	24.2	25.1	24.8	25.7	26.4
	8H	24.7	25.6	25.3	26.2	26.9	24.8	25.6	25.4	26.2	26.9
	12H	25.3	26.1	26.0	26.7	27.4	25.4	26.1	26.0	26.7	27.4

8H	4H	23.6	24.4	24.2	25.0	25.7	23.6	24.4	24.2	25.0	25.7
	6H	24.9	25.6	25.5	26.2	26.9	24.9	25.6	25.6	26.3	27.0
	8H	25.6	26.2	26.2	26.9	27.6	25.6	26.3	26.3	26.9	27.6
	12H	26.4	26.9	27.0	27.6	28.3	26.4	27.0	27.0	27.6	28.4

12H	4H	23.6	24.4	24.3	25.0	25.7	23.7	24.4	24.3	25.1	25.8
	6H	25.0	25.7	25.7	26.3	27.1	25.1	25.7	25.7	26.4	27.1
	8H	25.8	26.4	26.5	27.0	27.8	25.9	26.4	26.5	27.1	27.9

Maximum UGR = 28.4

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POLAR GRAPH