



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : GSL HI 5 UV CL 850.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995  
[TEST] s17070023b-01 (scaled to 5K)  
[TESTLAB] LEADING TESTING LABORATORIES  
[ISSUE DATE] 2017-07-13 13:02:22  
[MANUFAC] LumenFocus, LLC  
[LUMCAT] GSL HI 5 UV CL 850  
[LUMINAIRE] GSL WITH 186W LED ARRAY, CLEAR GLASS LENS  
[MORE] 120-277V 50/60HZ 186W 5000K  
[LAMPCAT] SAMSUNG 561B LEDs

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	29677
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	206.75
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.44
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.60 ft
Luminous Width (90-270)	1.60 ft
Luminous Height	0.02 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	40987	41291	41952
55	40407	40804	41638
65	38502	39067	40102
75	28091	32508	32944
85	4832	8604	11879

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**CANDELA TABULATION**

	<b>0</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>90</b>
<b>0.0</b>	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836
<b>0.5</b>	9777.586	9778.534	9778.847	9777.690	9778.597	9779.357	9778.357	9780.024	9780.045	9780.378
<b>1.0</b>	9775.586	9777.055	9776.868	9777.388	9776.836	9777.857	9778.586	9780.097	9779.586	9780.201
<b>1.5</b>	9773.315	9775.034	9774.076	9775.170	9776.347	9776.170	9777.878	9778.888	9779.076	9779.701
<b>2.0</b>	9768.774	9772.993	9771.690	9772.118	9774.388	9776.326	9777.357	9777.607	9777.878	9778.690
<b>2.5</b>	9765.118	9768.388	9767.909	9769.003	9771.576	9773.315	9773.618	9775.930	9775.868	9777.472
<b>3.0</b>	9760.336	9764.013	9763.076	9764.711	9768.003	9769.753	9770.253	9773.649	9774.065	9774.503
<b>3.5</b>	9755.711	9759.659	9757.774	9760.857	9763.649	9765.659	9766.680	9770.618	9770.513	9770.659
<b>4.0</b>	9749.920	9753.899	9752.878	9756.243	9758.774	9761.284	9761.826	9766.274	9766.670	9766.076
<b>4.5</b>	9743.524	9746.399	9747.097	9749.701	9753.232	9754.555	9756.076	9761.461	9761.899	9762.211
<b>5.0</b>	9735.638	9739.034	9740.055	9742.982	9747.190	9748.451	9750.493	9755.690	9758.295	9756.993
<b>5.5</b>	9727.295	9731.003	9732.711	9735.940	9740.326	9741.826	9742.888	9749.211	9749.690	9751.899
<b>6.0</b>	9718.409	9723.086	9723.295	9729.024	9732.920	9735.357	9736.180	9742.586	9743.170	9745.795
<b>6.5</b>	9708.836	9714.107	9715.399	9719.388	9725.201	9727.263	9728.993	9734.701	9736.472	9738.378
<b>7.0</b>	9699.659	9705.180	9705.545	9710.409	9716.076	9718.024	9720.836	9727.253	9728.586	9730.722
<b>7.5</b>	9688.732	9694.982	9694.951	9700.461	9706.753	9709.232	9711.336	9717.388	9719.826	9721.493
<b>8.0</b>	9678.315	9683.743	9684.555	9689.857	9696.951	9698.711	9701.961	9707.690	9709.659	9711.805
<b>8.5</b>	9666.576	9672.211	9674.055	9678.607	9685.263	9687.951	9691.565	9697.701	9700.711	9701.107
<b>9.0</b>	9653.524	9659.847	9662.055	9666.586	9672.972	9677.107	9680.315	9687.201	9690.388	9691.513
<b>9.5</b>	9639.899	9646.753	9648.722	9653.763	9661.232	9664.638	9668.836	9675.920	9679.690	9681.003
<b>10.0</b>	9625.982	9632.920	9634.732	9640.607	9647.732	9651.857	9657.107	9663.326	9668.253	9668.888
<b>10.5</b>	9610.670	9618.565	9620.763	9626.868	9633.690	9638.649	9644.149	9650.951	9655.263	9656.045
<b>11.0</b>	9595.618	9603.868	9606.513	9611.836	9619.826	9624.701	9630.388	9638.472	9641.274	9642.930
<b>11.5</b>	9579.763	9588.024	9590.159	9596.722	9605.243	9612.076	9616.045	9623.618	9627.888	9629.972
<b>12.0</b>	9563.951	9571.149	9574.857	9581.690	9589.024	9595.732	9600.315	9608.659	9613.378	9617.128
<b>12.5</b>	9546.472	9554.086	9559.013	9564.003	9573.347	9579.451	9584.420	9593.045	9597.222	9601.545
<b>13.0</b>	9528.597	9536.013	9540.992	9546.388	9555.617	9562.534	9568.586	9577.576	9580.493	9585.795
<b>13.5</b>	9510.420	9518.201	9522.065	9528.878	9537.597	9545.857	9551.295	9560.993	9564.555	9568.576
<b>14.0</b>	9491.076	9497.722	9504.315	9511.399	9518.680	9527.815	9534.190	9543.347	9548.742	9552.461
<b>14.5</b>	9470.336	9478.617	9484.420	9491.732	9499.701	9508.617	9516.513	9525.659	9530.795	9534.586
<b>15.0</b>	9450.503	9458.295	9463.920	9472.524	9479.836	9489.472	9497.670	9506.784	9512.305	9515.753
<b>15.5</b>	9429.305	9437.284	9442.930	9450.545	9459.055	9469.524	9478.295	9486.961	9492.961	9495.982
<b>16.0</b>	9407.545	9415.534	9422.617	9429.867	9438.274	9448.555	9457.388	9466.617	9472.857	9476.492
<b>16.5</b>	9384.503	9393.545	9400.117	9407.628	9417.149	9426.045	9436.628	9444.753	9452.065	9455.930
<b>17.0</b>	9361.201	9370.534	9377.440	9384.347	9395.117	9404.326	9414.847	9423.315	9429.847	9435.253
<b>17.5</b>	9337.482	9346.513	9355.117	9361.909	9371.326	9382.617	9392.638	9402.003	9408.722	9413.826
<b>18.0</b>	9311.545	9321.440	9330.003	9337.659	9347.607	9358.670	9368.961	9379.076	9386.472	9391.180
<b>18.5</b>	9286.378	9296.826	9304.170	9313.847	9322.878	9333.565	9345.045	9355.534	9362.805	9367.847
<b>19.0</b>	9261.388	9271.222	9280.190	9288.909	9298.732	9309.492	9320.836	9331.211	9338.836	9343.857
<b>19.5</b>	9234.680	9244.867	9254.451	9264.034	9273.107	9284.732	9295.451	9306.097	9313.565	9319.305
<b>20.0</b>	9206.253	9217.294	9227.044	9236.586	9246.159	9258.972	9270.794	9280.336	9288.649	9293.534
<b>20.5</b>	9179.201	9190.899	9199.909	9209.961	9219.722	9231.982	9244.232	9254.336	9262.044	9267.242
<b>21.0</b>	9150.972	9160.930	9172.222	9182.024	9191.878	9204.732	9216.774	9226.388	9234.315	9240.482
<b>21.5</b>	9121.597	9132.315	9143.253	9154.419	9164.326	9176.930	9189.076	9198.940	9207.378	9212.763
<b>22.0</b>	9091.878	9103.128	9113.065	9125.565	9136.128	9149.617	9162.128	9172.409	9180.794	9185.815
<b>22.5</b>	9061.492	9073.159	9082.753	9095.086	9106.013	9119.347	9131.774	9143.107	9151.649	9156.649
<b>23.0</b>	9030.513	9041.159	9052.419	9063.774	9075.107	9089.149	9100.617	9112.065	9121.222	9126.909
<b>23.5</b>	8998.388	9009.586	9020.482	9033.044	9045.232	9058.378	9069.909	9082.711	9092.065	9097.117
<b>24.0</b>	8965.680	8977.805	8988.461	9001.586	9013.899	9027.753	9038.961	9052.211	9060.722	9066.930
<b>24.5</b>	8933.638	8944.149	8956.024	8969.378	8980.680	8995.784	9007.878	9021.128	9029.763	9036.388
<b>25.0</b>	8898.742	8909.680	8922.409	8934.659	8948.076	8963.159	8974.919	8987.836	8997.576	9005.013
<b>25.5</b>	8864.065	8876.565	8886.596	8901.253	8914.461	8928.544	8940.555	8954.430	8964.065	8970.607
<b>26.0</b>	8829.149	8840.909	8853.003	8866.888	8879.524	8895.315	8907.524	8920.721	8930.471	8937.492
<b>26.5</b>	8793.107	8805.024	8817.315	8831.419	8844.638	8859.711	8873.763	8887.149	8896.878	8904.919

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**CANDELA TABULATION - (Cont.)**

27.0	8755.951	8768.586	8781.096	8794.992	8809.701	8825.940	8838.763	8851.149	8862.721	8871.440
27.5	8719.961	8732.867	8744.669	8759.492	8772.701	8787.482	8802.232	8815.867	8827.315	8835.107
28.0	8682.826	8695.263	8707.742	8721.430	8735.721	8750.982	8765.992	8779.253	8790.805	8797.940
28.5	8643.013	8655.826	8668.190	8682.555	8696.398	8713.503	8727.659	8743.096	8753.659	8760.357
29.0	8602.763	8616.315	8628.961	8644.544	8658.138	8676.044	8689.690	8704.617	8715.253	8724.753
29.5	8563.982	8577.805	8590.221	8605.638	8619.607	8636.086	8651.867	8667.086	8677.034	8687.065
30.0	8521.763	8535.857	8550.232	8563.565	8578.763	8595.826	8611.055	8625.513	8636.992	8646.628
30.5	8480.898	8494.013	8508.909	8523.513	8539.378	8556.232	8570.971	8587.638	8597.419	8607.253
31.0	8439.888	8453.159	8466.909	8482.013	8497.888	8517.138	8530.888	8547.159	8557.586	8568.461
31.5	8396.898	8410.950	8424.888	8440.732	8455.117	8473.638	8489.398	8505.836	8516.586	8527.523
32.0	8352.596	8367.648	8382.628	8397.075	8412.336	8430.346	8447.117	8462.398	8474.555	8484.742
32.5	8308.013	8323.805	8337.753	8354.482	8369.013	8387.700	8402.815	8419.555	8431.242	8441.346
33.0	8263.888	8280.169	8293.836	8309.940	8326.607	8346.253	8360.138	8377.159	8388.586	8398.430
33.5	8218.013	8234.294	8248.575	8264.378	8281.086	8300.982	8317.523	8332.346	8345.555	8356.055
34.0	8171.180	8189.346	8203.221	8219.773	8235.430	8255.065	8270.950	8287.711	8300.065	8311.971
34.5	8125.471	8142.544	8156.898	8173.002	8189.294	8208.638	8226.034	8242.075	8253.690	8265.638
35.0	8079.117	8095.617	8110.523	8126.627	8144.096	8164.117	8179.648	8196.430	8208.492	8218.680
35.5	8030.002	8045.930	8062.534	8079.034	8097.284	8116.107	8133.471	8150.065	8162.357	8173.430
36.0	7981.055	7998.367	8011.961	8030.430	8046.450	8065.898	8084.607	8101.180	8115.502	8126.471
36.5	7932.388	7948.565	7963.721	7981.565	7997.700	8017.877	8034.930	8052.263	8065.742	8076.992
37.0	7880.763	7898.325	7914.357	7931.169	7949.482	7969.180	7986.200	8004.430	8016.450	8027.138
37.5	7829.742	7847.648	7862.242	7882.523	7899.315	7918.929	7938.732	7955.586	7967.502	7979.336
38.0	7779.513	7796.669	7812.211	7830.690	7848.377	7867.513	7887.596	7906.877	7918.784	7930.107
38.5	7727.513	7743.367	7761.513	7777.492	7795.461	7815.700	7835.065	7852.773	7866.794	7877.075
39.0	7672.711	7691.002	7707.263	7723.732	7744.086	7763.825	7780.471	7800.200	7813.482	7824.877
39.5	7618.606	7637.013	7652.169	7673.711	7689.784	7710.492	7730.638	7748.648	7761.065	7772.961
40.0	7566.054	7585.138	7600.888	7620.065	7638.013	7657.450	7678.909	7697.732	7710.002	7721.159
40.5	7510.367	7529.252	7545.919	7563.617	7583.242	7603.815	7623.867	7642.856	7657.023	7668.096
41.0	7454.784	7473.898	7489.377	7508.096	7528.700	7549.304	7567.377	7586.617	7601.221	7612.315
41.5	7399.804	7417.502	7433.721	7454.742	7472.138	7492.940	7512.659	7531.700	7543.846	7555.534
42.0	7340.992	7360.565	7377.877	7394.638	7415.221	7435.981	7457.034	7476.336	7488.034	7499.950
42.5	7282.273	7302.658	7320.794	7337.742	7359.044	7380.461	7399.544	7419.877	7433.409	7444.231
43.0	7225.679	7244.283	7260.971	7281.190	7302.304	7322.148	7341.908	7361.763	7376.356	7387.336
43.5	7165.825	7185.711	7203.742	7223.606	7241.502	7263.846	7283.492	7302.367	7316.877	7327.721
44.0	7106.013	7124.565	7143.190	7161.336	7182.252	7204.929	7224.523	7243.627	7255.606	7266.471
44.5	7045.481	7066.690	7083.513	7102.513	7122.950	7145.096	7164.961	7184.169	7198.638	7209.231
45.0	6985.554	7006.752	7021.033	7042.513	7062.335	7084.502	7104.638	7125.471	7139.367	7149.981
45.5	6924.023	6941.502	6960.096	6980.471	7000.429	7023.054	7043.231	7064.325	7076.627	7087.679
46.0	6860.346	6880.044	6897.669	6916.242	6938.710	6962.533	6981.179	7001.221	7013.877	7025.450
46.5	6797.575	6817.637	6833.929	6855.669	6875.752	6898.825	6918.783	6938.085	6951.377	6963.304
47.0	6734.075	6754.044	6770.419	6790.127	6812.606	6832.877	6856.638	6874.273	6889.710	6900.940
47.5	6668.783	6688.731	6707.127	6727.679	6748.200	6769.512	6791.887	6812.606	6825.346	6838.054
48.0	6603.200	6622.992	6641.356	6663.044	6683.835	6707.096	6726.658	6745.815	6760.690	6771.533
48.5	6537.950	6558.210	6576.096	6597.710	6618.481	6641.773	6661.106	6680.512	6693.658	6705.940
49.0	6469.075	6490.564	6508.585	6528.752	6551.117	6573.294	6595.627	6614.815	6627.825	6638.898
49.5	6401.585	6423.596	6441.919	6462.992	6484.033	6506.210	6527.679	6547.106	6561.887	6573.075
50.0	6334.419	6357.033	6373.033	6395.939	6415.992	6440.314	6459.929	6480.867	6493.085	6505.231
50.5	6265.721	6287.606	6305.304	6327.346	6349.481	6372.992	6392.929	6411.137	6426.356	6436.804
51.0	6197.012	6217.335	6236.335	6257.846	6279.241	6301.325	6324.137	6343.273	6356.450	6369.002
51.5	6125.325	6147.679	6165.721	6186.679	6206.616	6230.491	6253.387	6272.689	6285.950	6299.346
52.0	6055.491	6077.585	6094.533	6117.200	6138.585	6160.804	6182.877	6202.429	6213.856	6227.481
52.5	5984.304	6006.012	6025.773	6044.783	6068.669	6092.252	6111.241	6129.648	6144.262	6155.710
53.0	5911.939	5933.523	5954.127	5974.137	5996.043	6019.179	6041.148	6059.898	6073.658	6084.835
53.5	5840.783	5861.564	5880.200	5901.762	5920.783	5947.148	5969.064	5988.325	6001.616	6013.085
54.0	5765.533	5787.856	5806.918	5828.439	5849.377	5872.731	5894.668	5914.439	5927.012	5938.658
54.5	5689.689	5712.575	5732.585	5752.335	5776.991	5799.460	5820.189	5839.252	5853.023	5862.668

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**CANDELA TABULATION - (Cont.)**

55.0	5615.773	5638.408	5656.898	5679.491	5701.668	5722.564	5744.721	5765.002	5776.221	5786.908
55.5	5540.762	5562.648	5582.616	5603.377	5623.554	5648.366	5670.033	5689.356	5702.168	5713.689
56.0	5463.814	5485.512	5507.470	5528.773	5549.866	5573.158	5595.054	5614.127	5627.043	5638.262
56.5	5385.918	5409.950	5429.616	5451.345	5475.450	5495.752	5518.752	5536.679	5549.825	5560.023
57.0	5309.585	5333.043	5351.481	5376.158	5397.262	5417.679	5441.241	5458.127	5470.377	5480.439
57.5	5230.772	5252.241	5273.991	5295.866	5314.897	5340.095	5361.304	5380.075	5391.116	5401.887
58.0	5151.324	5172.866	5195.377	5217.012	5238.960	5262.502	5283.137	5300.616	5313.210	5324.647
58.5	5072.043	5094.064	5116.074	5137.095	5160.095	5182.543	5204.220	5222.147	5235.429	5244.491
59.0	4992.491	5012.595	5033.897	5058.387	5079.345	5100.377	5123.345	5140.408	5151.949	5163.689
59.5	4909.856	4932.252	4954.293	4977.189	4998.262	5020.554	5040.491	5058.939	5069.002	5080.658
60.0	4828.314	4852.376	4873.866	4896.241	4916.689	4939.231	4960.095	4979.147	4988.699	4998.720
60.5	4747.220	4769.335	4792.199	4814.522	4837.262	4858.491	4878.876	4897.126	4910.012	4918.168
61.0	4664.054	4685.804	4707.345	4731.408	4753.876	4776.741	4795.751	4813.626	4824.356	4834.699
61.5	4580.231	4601.970	4624.908	4647.439	4669.074	4692.460	4708.501	4727.345	4739.199	4748.199
62.0	4494.470	4514.699	4539.303	4561.824	4582.189	4605.064	4625.960	4642.908	4651.179	4661.043
62.5	4410.856	4434.262	4456.439	4477.908	4501.512	4522.814	4541.741	4559.678	4570.022	4578.960
63.0	4325.772	4348.001	4372.637	4393.616	4415.522	4438.189	4457.064	4475.522	4484.814	4495.001
63.5	4240.866	4263.272	4284.960	4309.095	4330.397	4353.543	4369.803	4387.585	4397.949	4407.647
64.0	4154.814	4176.460	4198.335	4220.991	4241.928	4264.074	4283.585	4299.449	4308.793	4318.137
64.5	4067.168	4088.574	4111.949	4133.658	4156.460	4176.501	4196.720	4212.293	4221.116	4227.678
65.0	3977.355	4001.564	4023.897	4048.189	4069.803	4089.022	4108.480	4124.126	4133.158	4142.626
65.5	3875.845	3910.970	3935.980	3959.282	3980.637	4002.730	4017.626	4035.189	4047.366	4054.178
66.0	3766.001	3807.512	3847.512	3870.564	3891.345	3915.637	3930.876	3946.407	3958.147	3963.574
66.5	3655.584	3699.314	3758.345	3781.678	3803.262	3823.043	3842.178	3856.928	3864.199	3870.960
67.0	3545.345	3591.928	3658.512	3692.293	3712.866	3731.876	3751.959	3764.532	3773.553	3781.730
67.5	3428.699	3483.907	3552.553	3600.459	3622.355	3643.189	3658.991	3675.199	3684.605	3691.522
68.0	3297.980	3364.584	3445.532	3509.709	3532.230	3553.459	3569.251	3582.980	3592.980	3598.991
68.5	3199.230	3236.272	3335.376	3420.261	3441.022	3460.178	3478.543	3491.897	3498.668	3503.314
69.0	3109.043	3133.855	3225.772	3320.772	3348.751	3366.761	3386.511	3398.657	3401.814	3401.574
69.5	3003.761	3039.616	3100.282	3210.324	3257.428	3277.293	3292.699	3307.605	3299.043	3279.939
70.0	2893.949	2934.501	2983.845	3103.543	3166.376	3185.011	3199.345	3210.178	3165.324	3139.761
70.5	2786.980	2829.480	2888.897	2998.230	3071.741	3088.616	3107.032	3098.793	3018.459	2987.688
71.0	2665.022	2720.584	2784.324	2885.855	2977.845	2996.490	3014.459	2963.813	2869.459	2859.001
71.5	2543.157	2603.459	2678.772	2753.918	2879.584	2903.636	2918.428	2817.063	2758.084	2755.334
72.0	2453.501	2480.074	2574.959	2646.865	2775.959	2811.230	2809.740	2675.678	2662.167	2665.053
72.5	2347.449	2384.667	2460.511	2548.188	2667.970	2714.845	2677.751	2570.480	2571.917	2572.980
73.0	2237.563	2278.469	2336.022	2445.272	2560.563	2622.699	2532.355	2477.824	2482.157	2484.261
73.5	2129.199	2175.063	2233.667	2342.553	2449.949	2527.678	2397.709	2390.240	2392.740	2394.667
74.0	2012.626	2068.146	2134.376	2233.605	2321.209	2426.126	2295.886	2299.292	2304.876	2306.324
74.5	1915.813	1948.469	2029.855	2102.542	2217.313	2300.907	2200.959	2211.032	2214.251	2216.053
75.0	1811.511	1848.782	1921.449	2000.251	2115.584	2154.542	2113.344	2121.521	2123.699	2124.459
75.5	1710.167	1752.542	1807.792	1904.490	2015.115	2014.574	2026.803	2032.615	2032.917	2020.855
76.0	1598.844	1644.667	1709.584	1801.573	1914.553	1904.105	1941.084	1944.407	1910.334	1891.876
76.5	1498.625	1534.032	1610.428	1692.480	1793.834	1804.282	1849.261	1839.292	1780.396	1763.594
77.0	1397.198	1436.490	1497.917	1579.594	1675.542	1686.594	1761.667	1702.761	1657.990	1652.990
77.5	1294.032	1337.063	1396.344	1488.125	1540.792	1591.021	1663.959	1576.782	1566.032	1563.000
78.0	1198.917	1229.823	1302.344	1390.240	1408.490	1500.115	1538.667	1485.500	1485.594	1484.615
78.5	1097.855	1141.532	1193.657	1279.094	1292.552	1407.303	1410.730	1405.282	1405.021	1405.928
79.0	1007.636	1040.052	1104.459	1189.813	1202.146	1304.834	1318.980	1324.250	1322.365	1314.115
79.5	911.896	951.584	1013.469	1092.959	1116.646	1171.667	1229.188	1239.761	1203.448	1189.417
80.0	820.875	849.209	916.448	992.927	1013.834	1050.094	1140.938	1129.542	1093.125	1085.240
80.5	729.886	770.938	824.261	896.865	931.834	961.552	1038.021	1020.146	1008.302	1007.229
81.0	648.646	688.959	734.792	765.823	842.771	869.209	925.792	936.979	935.032	932.469
81.5	567.573	606.917	652.990	683.886	729.063	793.156	822.125	864.417	845.146	834.625
82.0	486.490	524.865	571.219	603.031	643.834	690.323	742.938	775.000	747.709	739.636
82.5	405.406	442.813	489.448	522.167	559.563	606.313	660.459	692.677	669.802	663.448

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**CANDELA TABULATION - (Cont.)**

83.0	339.031	360.761	407.677	441.313	475.292	523.313	577.854	610.552	593.281	587.448
83.5	275.406	293.511	336.688	360.448	391.011	440.323	495.250	528.438	516.750	511.438
84.0	220.219	241.510	267.677	284.198	318.156	357.333	412.646	446.313	440.219	435.427
84.5	165.740	184.656	206.406	228.813	256.500	299.990	330.031	364.188	363.688	359.427
85.0	114.573	134.083	157.240	180.104	195.573	233.573	263.146	294.677	292.011	281.667
85.5	69.021	85.021	109.083	128.979	151.083	180.094	200.323	219.292	217.885	212.990
86.0	56.052	69.094	63.802	90.396	109.906	129.104	142.917	154.969	157.854	151.271
86.5	44.844	55.375	50.479	73.302	73.792	82.688	95.177	101.000	97.260	92.198
87.0	33.625	41.656	38.688	57.760	57.063	65.552	55.552	53.219	48.375	73.792
87.5	22.417	27.938	26.896	42.229	41.385	50.354	42.573	40.823	35.427	56.375
88.0	11.208	14.219	15.094	26.688	25.708	35.156	30.229	28.885	25.083	38.969
88.5	8.927	4.781	8.844	11.146	10.031	19.958	17.875	16.938	14.729	21.552
89.0	6.906	3.542	6.740	3.156	7.583	4.760	5.531	5.000	4.375	4.135
89.5	4.885	2.625	4.781	1.708	5.906	3.708	3.938	3.500	3.292	2.958
90.0	2.865	1.708	2.813	0.927	4.240	2.740	2.917	2.615	2.469	2.250
90.5	0.844	0.802	0.854	0.906	2.573	1.781	1.885	1.740	1.656	1.542
91.0	0.781	0.781	0.781	0.896	0.906	0.813	0.865	0.854	0.833	0.833
91.5	0.813	0.813	0.823	0.885	0.833	0.844	0.844	0.844	0.833	0.844
92.0	0.854	0.854	0.854	0.865	0.875	0.875	0.875	0.875	0.875	0.875
92.5	0.885	0.885	0.896	0.906	0.906	0.917	0.917	0.917	0.917	0.917
93.0	0.927	0.927	0.938	0.948	0.948	0.958	0.958	0.958	0.958	0.958
93.5	0.969	0.958	0.969	0.979	0.990	1.000	1.000	1.000	0.990	1.000
94.0	1.000	1.000	1.010	1.021	1.031	1.042	1.042	1.031	1.031	1.042
94.5	1.042	1.042	1.042	1.063	1.073	1.083	1.083	1.073	1.073	1.083
95.0	1.083	1.083	1.083	1.094	1.115	1.115	1.115	1.115	1.115	1.115
95.5	1.125	1.115	1.125	1.135	1.146	1.156	1.156	1.156	1.156	1.156
96.0	1.156	1.156	1.156	1.167	1.188	1.198	1.198	1.198	1.188	1.198
96.5	1.198	1.188	1.188	1.198	1.219	1.229	1.240	1.229	1.229	1.240
97.0	1.229	1.219	1.219	1.240	1.250	1.271	1.281	1.271	1.271	1.271
97.5	1.260	1.260	1.250	1.271	1.292	1.313	1.313	1.313	1.302	1.313
98.0	1.292	1.292	1.281	1.302	1.323	1.344	1.354	1.344	1.344	1.344
98.5	1.333	1.323	1.313	1.333	1.365	1.375	1.385	1.375	1.375	1.385
99.0	1.365	1.354	1.344	1.365	1.396	1.406	1.417	1.417	1.406	1.417
99.5	1.396	1.385	1.375	1.396	1.427	1.438	1.448	1.448	1.448	1.448
100.0	1.427	1.417	1.406	1.427	1.458	1.479	1.479	1.490	1.479	1.490
100.5	1.458	1.448	1.438	1.458	1.490	1.510	1.510	1.521	1.510	1.521
101.0	1.490	1.479	1.469	1.479	1.521	1.542	1.542	1.552	1.542	1.552
101.5	1.521	1.510	1.500	1.510	1.552	1.563	1.573	1.583	1.583	1.583
102.0	1.552	1.542	1.531	1.542	1.583	1.594	1.604	1.615	1.615	1.615
102.5	1.594	1.573	1.563	1.573	1.604	1.625	1.635	1.646	1.646	1.646
103.0	1.625	1.615	1.604	1.604	1.635	1.656	1.667	1.688	1.688	1.688
103.5	1.656	1.646	1.646	1.625	1.667	1.688	1.698	1.719	1.719	1.719
104.0	1.698	1.688	1.677	1.656	1.688	1.719	1.740	1.750	1.750	1.760
104.5	1.729	1.729	1.719	1.688	1.719	1.750	1.781	1.781	1.792	1.792
105.0	1.771	1.760	1.750	1.729	1.750	1.781	1.813	1.823	1.823	1.833
105.5	1.802	1.802	1.792	1.760	1.781	1.823	1.854	1.854	1.865	1.875
106.0	1.844	1.844	1.833	1.792	1.813	1.854	1.896	1.896	1.896	1.906
106.5	1.875	1.885	1.875	1.833	1.854	1.896	1.938	1.938	1.938	1.948
107.0	1.906	1.917	1.906	1.875	1.885	1.927	1.979	1.979	1.969	1.990
107.5	1.938	1.958	1.948	1.906	1.927	1.969	2.010	2.010	2.000	2.031
108.0	1.969	1.990	1.990	1.948	1.958	2.000	2.052	2.052	2.042	2.063
108.5	2.000	2.031	2.021	1.979	1.990	2.042	2.094	2.094	2.073	2.104
109.0	2.031	2.073	2.063	2.021	2.031	2.073	2.125	2.135	2.115	2.146
109.5	2.073	2.115	2.094	2.052	2.063	2.115	2.167	2.167	2.156	2.188
110.0	2.104	2.156	2.125	2.083	2.094	2.146	2.198	2.208	2.198	2.219
110.5	2.146	2.198	2.156	2.115	2.125	2.188	2.229	2.250	2.229	2.250

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

111.0	2.188	2.229	2.198	2.146	2.146	2.219	2.271	2.292	2.271	2.292
111.5	2.240	2.250	2.229	2.188	2.188	2.260	2.313	2.344	2.302	2.323
112.0	2.281	2.271	2.271	2.219	2.229	2.302	2.354	2.385	2.344	2.365
112.5	2.313	2.292	2.302	2.260	2.271	2.344	2.385	2.427	2.385	2.396
113.0	2.344	2.313	2.344	2.302	2.302	2.385	2.417	2.469	2.427	2.427
113.5	2.396	2.354	2.375	2.333	2.344	2.438	2.448	2.521	2.469	2.458
114.0	2.448	2.406	2.417	2.375	2.375	2.479	2.469	2.563	2.500	2.490
114.5	2.500	2.458	2.448	2.396	2.406	2.500	2.490	2.594	2.521	2.521
115.0	2.552	2.510	2.469	2.427	2.427	2.531	2.500	2.615	2.552	2.552
115.5	2.594	2.563	2.490	2.448	2.448	2.552	2.510	2.625	2.573	2.573
116.0	2.635	2.604	2.510	2.479	2.490	2.573	2.521	2.635	2.594	2.594
116.5	2.677	2.656	2.531	2.510	2.521	2.604	2.552	2.646	2.625	2.615
117.0	2.729	2.708	2.573	2.542	2.552	2.646	2.583	2.667	2.646	2.646
117.5	2.781	2.760	2.615	2.583	2.594	2.677	2.625	2.688	2.688	2.677
118.0	2.833	2.802	2.656	2.615	2.625	2.719	2.656	2.708	2.719	2.708
118.5	2.875	2.854	2.708	2.646	2.667	2.760	2.698	2.719	2.750	2.740
119.0	2.927	2.896	2.760	2.688	2.708	2.802	2.740	2.740	2.781	2.771
119.5	2.969	2.948	2.823	2.740	2.740	2.833	2.792	2.760	2.813	2.802
120.0	3.021	2.990	2.875	2.781	2.781	2.875	2.833	2.771	2.844	2.844
120.5	3.073	3.042	2.927	2.823	2.823	2.917	2.885	2.792	2.885	2.875
121.0	3.125	3.094	2.990	2.865	2.865	2.958	2.938	2.823	2.917	2.906
121.5	3.177	3.146	3.031	2.896	2.906	3.000	2.990	2.854	2.969	2.938
122.0	3.229	3.188	3.083	2.948	2.948	3.042	3.042	2.906	3.010	2.990
122.5	3.271	3.229	3.125	3.000	2.990	3.094	3.094	2.958	3.063	3.042
123.0	3.323	3.281	3.156	3.052	3.031	3.135	3.146	3.010	3.115	3.104
123.5	3.375	3.323	3.198	3.104	3.073	3.177	3.188	3.063	3.156	3.156
124.0	3.417	3.375	3.229	3.156	3.115	3.229	3.240	3.135	3.219	3.208
124.5	3.458	3.417	3.271	3.198	3.156	3.281	3.281	3.198	3.260	3.250
125.0	3.510	3.469	3.313	3.229	3.188	3.323	3.333	3.250	3.302	3.271
125.5	3.573	3.531	3.385	3.260	3.219	3.375	3.385	3.302	3.354	3.313
126.0	3.646	3.583	3.448	3.302	3.260	3.417	3.438	3.365	3.406	3.375
126.5	3.688	3.635	3.500	3.333	3.292	3.458	3.490	3.427	3.448	3.417
127.0	3.740	3.688	3.552	3.375	3.323	3.500	3.531	3.479	3.479	3.458
127.5	3.792	3.729	3.594	3.438	3.365	3.531	3.583	3.531	3.490	3.490
128.0	3.833	3.760	3.646	3.500	3.417	3.573	3.635	3.583	3.521	3.542
128.5	3.865	3.792	3.708	3.573	3.458	3.594	3.698	3.635	3.552	3.563
129.0	3.896	3.833	3.771	3.646	3.500	3.635	3.750	3.698	3.583	3.583
129.5	3.938	3.885	3.844	3.719	3.552	3.677	3.813	3.760	3.625	3.604
130.0	3.979	3.938	3.906	3.781	3.615	3.719	3.875	3.833	3.667	3.656
130.5	4.042	4.010	3.969	3.833	3.667	3.760	3.927	3.906	3.708	3.719
131.0	4.125	4.083	4.031	3.896	3.708	3.802	3.979	3.958	3.750	3.781
131.5	4.198	4.156	4.094	3.948	3.760	3.844	4.010	4.021	3.781	3.844
132.0	4.271	4.229	4.146	4.010	3.823	3.885	4.042	4.073	3.823	3.885
132.5	4.333	4.292	4.198	4.073	3.885	3.927	4.073	4.115	3.865	3.917
133.0	4.385	4.344	4.250	4.125	3.938	3.969	4.094	4.146	3.917	3.958
133.5	4.448	4.406	4.292	4.167	4.000	4.010	4.125	4.167	3.969	4.021
134.0	4.500	4.458	4.344	4.198	4.042	4.042	4.156	4.198	4.010	4.083
134.5	4.552	4.521	4.385	4.229	4.083	4.073	4.177	4.219	4.031	4.125
135.0	4.594	4.563	4.427	4.271	4.135	4.104	4.208	4.240	4.063	4.156
135.5	4.635	4.604	4.469	4.302	4.188	4.146	4.229	4.260	4.083	4.177
136.0	4.667	4.635	4.510	4.354	4.240	4.208	4.260	4.281	4.125	4.188
136.5	4.698	4.677	4.542	4.417	4.292	4.260	4.302	4.313	4.156	4.188
137.0	4.740	4.719	4.583	4.479	4.365	4.323	4.344	4.354	4.198	4.208
137.5	4.792	4.760	4.625	4.542	4.427	4.385	4.406	4.385	4.240	4.250
138.0	4.854	4.802	4.677	4.615	4.479	4.458	4.469	4.427	4.281	4.292
138.5	4.906	4.833	4.719	4.667	4.521	4.521	4.521	4.458	4.344	4.344

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

139.0	4.948	4.875	4.771	4.719	4.563	4.583	4.594	4.510	4.417	4.396
139.5	4.990	4.917	4.813	4.771	4.604	4.646	4.656	4.552	4.479	4.438
140.0	5.031	4.958	4.844	4.813	4.635	4.708	4.708	4.604	4.552	4.500
140.5	5.073	5.010	4.875	4.844	4.667	4.760	4.771	4.667	4.615	4.563
141.0	5.115	5.063	4.917	4.885	4.688	4.802	4.823	4.729	4.677	4.635
141.5	5.156	5.104	4.958	4.917	4.719	4.833	4.875	4.792	4.750	4.688
142.0	5.188	5.135	5.010	4.948	4.760	4.844	4.927	4.844	4.844	4.729
142.5	5.208	5.167	5.063	4.979	4.802	4.865	4.969	4.885	4.927	4.781
143.0	5.240	5.188	5.115	5.010	4.833	4.875	5.010	4.927	5.000	4.833
143.5	5.250	5.219	5.156	5.031	4.865	4.885	5.052	4.958	5.063	4.885
144.0	5.260	5.240	5.188	5.042	4.875	4.885	5.073	4.979	5.094	4.938
144.5	5.281	5.250	5.219	5.042	4.896	4.896	5.073	5.010	5.125	4.979
145.0	5.292	5.250	5.240	5.052	4.906	4.896	5.063	5.042	5.146	5.021
145.5	5.302	5.250	5.260	5.063	4.917	4.885	5.052	5.073	5.167	5.052
146.0	5.313	5.260	5.281	5.083	4.927	4.875	5.042	5.083	5.177	5.073
146.5	5.323	5.271	5.302	5.094	4.938	4.875	5.021	5.094	5.177	5.083
147.0	5.333	5.271	5.313	5.094	4.938	4.875	5.000	5.104	5.156	5.083
147.5	5.344	5.292	5.323	5.104	4.948	4.885	4.990	5.115	5.135	5.063
148.0	5.365	5.292	5.323	5.104	4.958	4.896	4.979	5.115	5.104	5.042
148.5	5.375	5.313	5.323	5.104	4.958	4.906	4.958	5.125	5.094	5.010
149.0	5.385	5.313	5.323	5.115	4.958	4.917	4.948	5.125	5.073	4.990
149.5	5.385	5.323	5.313	5.115	4.958	4.927	4.938	5.115	5.052	4.979
150.0	5.385	5.313	5.302	5.125	4.969	4.927	4.938	5.104	5.031	4.979
150.5	5.385	5.313	5.292	5.135	4.979	4.927	4.917	5.083	5.021	4.969
151.0	5.375	5.313	5.281	5.156	4.990	4.938	4.896	5.073	5.010	4.938
151.5	5.375	5.313	5.271	5.177	5.010	4.938	4.875	5.063	5.000	4.906
152.0	5.354	5.302	5.250	5.198	5.031	4.938	4.875	5.052	4.979	4.875
152.5	5.344	5.302	5.250	5.229	5.042	4.938	4.875	5.042	4.958	4.854
153.0	5.333	5.302	5.260	5.260	5.063	4.948	4.896	5.042	4.948	4.854
153.5	5.333	5.313	5.281	5.302	5.083	4.958	4.917	5.042	4.948	4.865
154.0	5.344	5.333	5.313	5.354	5.104	4.979	4.938	5.042	4.958	4.865
154.5	5.365	5.365	5.354	5.406	5.146	5.000	4.958	5.042	4.979	4.875
155.0	5.396	5.396	5.385	5.448	5.188	5.021	4.969	5.042	4.990	4.875
155.5	5.417	5.427	5.417	5.490	5.240	5.042	4.979	5.042	5.010	4.865
156.0	5.438	5.458	5.448	5.531	5.281	5.063	4.979	5.042	5.031	4.854
156.5	5.469	5.500	5.479	5.563	5.333	5.094	4.979	5.052	5.052	4.844
157.0	5.510	5.531	5.510	5.604	5.385	5.115	4.979	5.073	5.083	4.833
157.5	5.552	5.573	5.542	5.635	5.438	5.135	4.990	5.094	5.115	4.833
158.0	5.594	5.615	5.573	5.667	5.490	5.167	4.990	5.115	5.135	4.823
158.5	5.646	5.656	5.615	5.688	5.542	5.198	4.990	5.125	5.146	4.833
159.0	5.698	5.698	5.646	5.698	5.594	5.240	5.000	5.135	5.156	4.833
159.5	5.729	5.729	5.677	5.708	5.625	5.271	5.000	5.135	5.146	4.844
160.0	5.771	5.760	5.708	5.719	5.656	5.302	5.000	5.135	5.146	4.854
160.5	5.802	5.781	5.729	5.740	5.677	5.333	5.021	5.135	5.146	4.865
161.0	5.813	5.792	5.740	5.750	5.698	5.365	5.042	5.135	5.146	4.875
161.5	5.813	5.802	5.771	5.771	5.729	5.406	5.083	5.135	5.146	4.896
162.0	5.844	5.833	5.813	5.813	5.771	5.448	5.125	5.167	5.167	4.948
162.5	5.875	5.885	5.875	5.854	5.813	5.500	5.188	5.208	5.219	5.000
163.0	5.906	5.927	5.917	5.906	5.865	5.542	5.250	5.260	5.250	5.063
163.5	5.927	5.969	5.958	5.938	5.917	5.583	5.313	5.323	5.281	5.115
164.0	5.948	5.990	5.990	5.969	5.969	5.635	5.385	5.396	5.323	5.188
164.5	5.990	6.031	6.052	6.031	6.031	5.688	5.458	5.479	5.375	5.271
165.0	6.052	6.104	6.125	6.104	6.104	5.750	5.552	5.563	5.448	5.375
165.5	6.125	6.167	6.198	6.177	6.146	5.813	5.635	5.615	5.542	5.490
166.0	6.188	6.219	6.250	6.219	6.188	5.865	5.708	5.667	5.625	5.563
166.5	6.229	6.240	6.281	6.260	6.219	5.906	5.781	5.708	5.729	5.615

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**CANDELA TABULATION - (Cont.)**

167.0	6.281	6.281	6.333	6.313	6.250	5.958	5.833	5.750	5.823	5.667
167.5	6.344	6.333	6.385	6.385	6.292	6.000	5.875	5.792	5.906	5.750
168.0	6.427	6.385	6.438	6.458	6.344	6.042	5.917	5.823	5.979	5.833
168.5	6.479	6.427	6.479	6.500	6.385	6.094	5.948	5.854	6.021	5.906
169.0	6.510	6.448	6.510	6.531	6.438	6.135	5.969	5.875	6.063	5.969
169.5	6.531	6.458	6.531	6.552	6.458	6.177	5.979	5.906	6.115	6.010
170.0	6.531	6.469	6.521	6.552	6.479	6.198	5.979	5.927	6.135	6.042
170.5	6.531	6.469	6.510	6.552	6.490	6.208	6.000	5.969	6.146	6.042
171.0	6.542	6.479	6.521	6.552	6.510	6.240	6.052	6.031	6.177	6.031
171.5	6.573	6.521	6.552	6.583	6.563	6.292	6.135	6.094	6.240	6.052
172.0	6.646	6.583	6.615	6.635	6.635	6.375	6.229	6.177	6.323	6.073
172.5	6.708	6.646	6.667	6.698	6.708	6.448	6.313	6.281	6.385	6.104
173.0	6.813	6.750	6.771	6.792	6.813	6.573	6.438	6.417	6.469	6.146
173.5	6.958	6.917	6.917	6.948	6.958	6.750	6.615	6.594	6.552	6.229
174.0	7.104	7.083	7.083	7.125	7.125	6.927	6.792	6.781	6.656	6.344
174.5	7.229	7.240	7.250	7.271	7.271	7.094	6.938	6.927	6.760	6.469
175.0	7.292	7.302	7.354	7.354	7.344	7.167	7.010	7.000	6.833	6.531
175.5	7.344	7.344	7.406	7.417	7.396	7.229	7.052	7.073	6.917	6.604
176.0	7.396	7.375	7.438	7.448	7.438	7.271	7.104	7.146	7.000	6.729
176.5	7.427	7.406	7.448	7.490	7.479	7.323	7.135	7.208	7.073	6.833
177.0	7.427	7.427	7.458	7.510	7.500	7.365	7.177	7.250	7.115	6.875
177.5	7.396	7.417	7.427	7.500	7.490	7.375	7.208	7.250	7.115	6.875
178.0	7.344	7.385	7.385	7.458	7.448	7.375	7.229	7.229	7.094	6.875
178.5	7.292	7.344	7.344	7.427	7.427	7.375	7.240	7.208	7.073	6.906
179.0	7.292	7.354	7.354	7.438	7.448	7.396	7.271	7.198	7.052	6.958
179.5	7.302	7.365	7.375	7.458	7.469	7.417	7.313	7.208	7.052	7.063
180.0	7.125	7.125	7.125	7.125	7.125	7.125	7.125	7.125	7.125	7.125

**Vert. Angles**      **Horizontal Angles**

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0.0	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836
0.5	9779.868	9779.649	9780.159	9781.118	9779.888	9780.388	9780.868	9780.159	9779.534	9779.784
1.0	9780.649	9779.940	9780.701	9780.690	9779.399	9779.659	9780.909	9780.472	9777.774	9779.024
1.5	9781.420	9778.961	9781.201	9780.680	9779.399	9779.399	9780.180	9779.503	9777.493	9778.503
2.0	9779.940	9778.190	9779.961	9779.961	9778.680	9778.680	9779.909	9778.493	9776.222	9776.972
2.5	9777.295	9776.513	9778.503	9778.461	9777.170	9777.159	9778.409	9776.086	9774.576	9775.159
3.0	9775.190	9774.722	9775.743	9776.170	9774.118	9774.618	9775.065	9772.805	9770.284	9771.284
3.5	9772.128	9772.190	9771.399	9773.295	9771.232	9771.743	9772.190	9769.472	9767.076	9767.399
4.0	9768.065	9769.107	9768.263	9769.045	9767.899	9767.399	9767.868	9765.586	9762.930	9762.503
4.5	9764.482	9764.597	9763.993	9764.961	9763.618	9763.368	9763.107	9761.805	9758.534	9757.805
5.0	9759.732	9759.086	9759.190	9760.659	9758.774	9758.815	9757.295	9756.513	9751.826	9752.909
5.5	9752.503	9754.222	9753.461	9755.118	9752.420	9752.784	9751.211	9750.003	9746.690	9745.003
6.0	9747.045	9747.649	9747.565	9748.190	9747.076	9746.628	9745.670	9743.857	9740.847	9738.159
6.5	9739.138	9741.222	9740.118	9741.722	9739.138	9739.180	9737.576	9736.461	9733.993	9729.732
7.0	9732.482	9733.555	9732.951	9733.857	9731.461	9731.534	9730.347	9727.503	9725.774	9722.607
7.5	9723.784	9724.607	9725.003	9725.315	9723.461	9722.961	9722.409	9718.795	9716.503	9713.951
8.0	9714.607	9715.920	9715.857	9716.440	9714.097	9714.076	9711.847	9709.326	9707.513	9703.920
8.5	9704.378	9706.211	9705.878	9707.201	9703.940	9704.878	9702.524	9699.138	9696.940	9692.451
9.0	9694.107	9695.961	9697.451	9696.847	9694.399	9693.930	9691.993	9688.107	9685.472	9682.826
9.5	9683.638	9685.201	9686.993	9686.378	9682.920	9682.649	9680.836	9677.034	9673.097	9670.815
10.0	9672.211	9673.815	9674.878	9674.743	9670.920	9671.409	9669.097	9664.909	9660.805	9657.763
10.5	9660.118	9660.545	9662.336	9662.628	9658.357	9659.180	9656.857	9652.774	9648.763	9645.795
11.0	9647.451	9647.826	9649.586	9650.190	9646.159	9646.305	9644.357	9638.826	9634.305	9632.982
11.5	9634.274	9634.649	9635.670	9636.190	9633.711	9632.607	9630.315	9624.753	9620.909	9617.920
12.0	9620.024	9620.649	9621.961	9621.138	9620.003	9618.180	9615.315	9609.972	9604.847	9602.003

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**CANDELA TABULATION - (Cont.)**

12.5	9605.315	9605.961	9606.118	9606.201	9604.753	9603.149	9600.170	9593.243	9588.628	9585.138
13.0	9589.201	9590.013	9590.138	9590.982	9589.013	9585.868	9584.190	9577.347	9572.857	9569.753
13.5	9573.347	9573.295	9574.399	9574.243	9572.888	9568.690	9567.274	9560.461	9555.961	9554.190
14.0	9556.222	9556.295	9557.170	9558.076	9555.992	9551.815	9549.940	9543.263	9537.940	9535.201
14.5	9537.263	9538.190	9540.076	9539.992	9536.847	9534.534	9531.992	9524.899	9520.065	9516.076
15.0	9519.930	9520.795	9522.440	9521.711	9519.159	9515.451	9512.388	9506.742	9500.305	9496.305
15.5	9500.409	9501.034	9503.128	9501.982	9499.940	9497.045	9492.659	9486.930	9480.961	9476.940
16.0	9481.034	9481.524	9482.774	9482.201	9480.534	9477.565	9472.763	9466.409	9458.617	9456.867
16.5	9461.170	9461.909	9462.920	9461.263	9459.951	9456.836	9451.045	9445.357	9437.982	9433.565
17.0	9438.951	9440.763	9441.732	9441.628	9438.638	9435.170	9429.586	9423.409	9416.722	9411.722
17.5	9417.888	9419.680	9420.774	9419.888	9417.430	9414.440	9407.878	9400.295	9395.461	9387.888
18.0	9395.263	9396.232	9397.065	9396.951	9393.982	9391.149	9385.065	9376.951	9372.909	9364.211
18.5	9372.055	9372.992	9374.555	9373.222	9371.607	9367.159	9360.451	9352.617	9350.607	9338.867
19.0	9347.836	9349.649	9350.492	9350.211	9347.909	9342.742	9337.597	9329.430	9324.930	9315.263
19.5	9323.159	9325.961	9326.190	9325.149	9322.284	9318.680	9312.503	9302.763	9299.107	9288.763
20.0	9299.097	9301.378	9299.565	9301.086	9297.440	9292.930	9287.222	9277.336	9271.951	9264.930
20.5	9273.357	9274.899	9274.805	9274.805	9271.565	9266.899	9260.357	9250.555	9245.649	9237.253
21.0	9245.607	9247.263	9248.503	9247.847	9245.544	9239.669	9234.076	9223.774	9219.117	9211.169
21.5	9218.034	9221.472	9222.128	9220.909	9218.367	9212.107	9206.794	9196.305	9191.326	9182.097
22.0	9191.669	9194.544	9192.784	9193.211	9189.388	9184.128	9177.576	9167.326	9160.847	9153.117
22.5	9163.659	9165.659	9165.659	9162.972	9159.930	9154.701	9148.617	9136.847	9134.638	9123.847
23.0	9133.524	9135.597	9135.524	9134.544	9130.326	9124.867	9119.794	9107.607	9105.649	9093.128
23.5	9102.336	9106.503	9105.107	9105.076	9100.440	9094.742	9088.065	9077.482	9071.294	9061.076
24.0	9073.367	9076.294	9073.607	9073.815	9069.065	9064.201	9056.909	9045.065	9037.034	9030.899
24.5	9043.451	9045.930	9045.753	9041.899	9037.888	9032.138	9025.242	9013.524	9007.826	8998.899
25.0	9011.117	9012.774	9013.555	9009.971	9006.274	8999.190	8993.190	8981.357	8974.461	8965.003
25.5	8978.024	8979.180	8980.024	8976.211	8972.742	8966.076	8959.326	8947.513	8942.096	8929.409
26.0	8944.513	8947.128	8945.826	8942.419	8938.409	8932.149	8924.576	8913.034	8908.076	8895.305
26.5	8911.378	8913.774	8912.732	8909.492	8903.367	8898.753	8890.982	8878.315	8874.149	8859.888
27.0	8876.909	8878.659	8878.117	8874.826	8868.555	8863.284	8855.711	8843.096	8836.294	8824.096
27.5	8841.221	8842.711	8841.940	8839.836	8833.169	8826.951	8818.909	8807.117	8803.524	8788.888
28.0	8804.784	8806.992	8804.701	8803.742	8796.940	8790.201	8783.596	8770.409	8765.774	8753.117
28.5	8767.982	8771.221	8768.701	8766.617	8759.044	8752.742	8745.065	8732.669	8728.523	8715.596
29.0	8730.784	8732.898	8731.336	8729.326	8720.773	8715.263	8706.721	8694.117	8690.023	8677.378
29.5	8693.023	8693.846	8691.617	8691.534	8682.409	8676.013	8667.721	8655.096	8649.638	8635.857
30.0	8653.055	8654.607	8653.117	8651.753	8642.930	8636.492	8628.742	8614.826	8610.513	8595.263
30.5	8614.440	8616.523	8613.430	8612.482	8603.128	8597.888	8588.190	8575.430	8568.930	8552.982
31.0	8574.878	8577.003	8573.878	8572.659	8562.753	8556.617	8547.107	8533.576	8527.534	8511.742
31.5	8534.732	8534.451	8531.211	8529.898	8521.169	8514.503	8505.534	8490.742	8484.826	8472.180
32.0	8491.753	8492.148	8490.138	8487.023	8479.284	8471.919	8463.221	8448.107	8443.669	8428.148
32.5	8448.846	8450.044	8447.305	8445.565	8436.180	8429.273	8418.898	8405.450	8399.555	8384.888
33.0	8404.940	8407.909	8403.669	8401.898	8392.023	8385.169	8374.471	8360.534	8354.742	8341.784
33.5	8363.003	8363.784	8359.190	8355.680	8347.825	8340.992	8330.305	8316.575	8310.805	8298.450
34.0	8316.857	8317.878	8315.513	8311.128	8303.367	8296.315	8285.378	8272.367	8265.450	8249.659
34.5	8271.846	8272.919	8269.711	8264.503	8258.180	8250.888	8240.211	8226.169	8220.523	8203.909
35.0	8225.450	8227.773	8223.555	8220.461	8212.211	8203.992	8193.794	8178.023	8175.825	8160.377
35.5	8181.711	8182.127	8177.127	8172.523	8165.742	8156.294	8145.159	8130.950	8124.190	8111.346
36.0	8133.034	8133.950	8129.784	8123.430	8116.586	8109.034	8097.138	8082.700	8077.638	8061.440
36.5	8083.075	8085.513	8080.461	8073.700	8068.034	8059.627	8049.898	8034.690	8028.867	8013.857
37.0	8032.794	8035.523	8032.659	8026.773	8018.502	8008.627	8000.200	7984.180	7980.065	7961.565
37.5	7986.107	7987.440	7983.023	7976.117	7968.711	7960.044	7949.180	7934.107	7928.096	7910.086
38.0	7937.950	7937.763	7932.794	7925.284	7918.117	7909.742	7898.440	7883.825	7876.075	7858.638
38.5	7884.482	7885.784	7881.013	7875.450	7867.107	7858.034	7847.138	7831.044	7823.825	7808.534
39.0	7830.825	7832.700	7828.617	7822.992	7813.575	7805.211	7793.107	7776.596	7771.388	7754.867
39.5	7779.294	7780.732	7776.044	7769.784	7760.825	7751.784	7739.898	7724.461	7715.971	7699.284
40.0	7729.471	7730.200	7723.534	7716.929	7708.763	7699.450	7687.888	7670.544	7665.638	7647.440

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**CANDELA TABULATION - (Cont.)**

40.5	7675.961	7674.284	7669.429	7663.804	7654.357	7644.627	7631.575	7616.638	7610.992	7595.659
41.0	7618.429	7618.398	7613.888	7607.148	7599.263	7589.534	7575.700	7560.596	7552.159	7538.773
41.5	7561.169	7562.784	7558.888	7552.544	7543.065	7532.877	7520.471	7503.784	7500.054	7480.731
42.0	7507.544	7508.388	7502.731	7495.169	7486.002	7477.367	7464.481	7446.502	7443.856	7423.304
42.5	7451.179	7450.419	7444.836	7439.106	7429.034	7418.148	7404.846	7389.221	7384.054	7363.419
43.0	7393.513	7392.679	7387.242	7380.419	7371.367	7360.679	7347.763	7329.804	7326.065	7304.606
43.5	7333.481	7333.669	7329.721	7322.867	7313.940	7301.377	7288.856	7272.440	7265.627	7248.804
44.0	7273.158	7276.158	7270.002	7261.950	7252.544	7242.856	7229.336	7211.211	7207.263	7184.919
44.5	7216.648	7216.856	7211.106	7204.263	7193.586	7181.367	7168.783	7150.752	7145.773	7126.711
45.0	7157.200	7156.315	7149.513	7142.158	7133.367	7120.627	7109.106	7089.367	7085.138	7064.565
45.5	7095.242	7093.356	7089.065	7081.138	7071.888	7058.419	7045.429	7028.221	7024.981	7002.075
46.0	7031.033	7032.190	7026.054	7019.210	7007.773	6997.585	6982.346	6964.252	6964.085	6936.585
46.5	6968.856	6969.513	6963.283	6955.919	6944.731	6931.013	6919.638	6900.992	6894.888	6873.919
47.0	6907.794	6905.638	6901.044	6891.044	6880.481	6869.315	6855.585	6836.815	6833.523	6810.950
47.5	6844.075	6841.252	6835.898	6827.960	6818.252	6805.440	6789.440	6773.085	6769.148	6745.190
48.0	6777.794	6778.242	6770.523	6762.502	6751.002	6739.377	6723.210	6705.210	6699.387	6680.096
48.5	6711.367	6711.190	6705.117	6697.106	6685.158	6671.283	6658.471	6640.637	6634.762	6614.794
49.0	6645.971	6644.585	6638.377	6627.815	6617.387	6605.867	6591.533	6571.106	6567.450	6546.158
49.5	6580.377	6577.752	6571.408	6561.815	6551.564	6537.439	6523.564	6504.898	6497.908	6479.335
50.0	6511.304	6509.919	6503.075	6496.273	6482.117	6469.242	6454.210	6435.314	6429.127	6407.502
50.5	6442.242	6442.169	6435.617	6427.804	6416.002	6400.460	6385.992	6367.679	6362.752	6341.419
51.0	6373.304	6372.356	6366.148	6356.127	6345.106	6331.887	6316.127	6296.752	6292.846	6272.429
51.5	6304.137	6301.023	6295.189	6283.971	6273.210	6259.637	6243.075	6224.981	6221.148	6201.137
52.0	6232.200	6230.439	6222.710	6214.741	6202.169	6189.741	6172.460	6153.377	6148.127	6129.575
52.5	6161.283	6159.158	6152.335	6144.908	6129.887	6117.773	6102.252	6082.096	6077.825	6057.366
53.0	6089.221	6089.096	6080.689	6072.304	6058.273	6045.960	6028.648	6010.825	6004.158	5984.252
53.5	6018.085	6017.054	6009.012	5998.418	5985.533	5972.283	5955.846	5935.950	5930.762	5909.752
54.0	5943.835	5941.418	5935.366	5924.731	5912.377	5898.971	5879.418	5859.262	5857.835	5834.710
54.5	5868.918	5865.252	5858.523	5849.950	5836.033	5822.752	5805.471	5786.325	5780.648	5760.637
55.0	5793.075	5791.106	5782.877	5773.564	5760.741	5746.241	5728.398	5709.231	5703.064	5682.710
55.5	5718.387	5717.023	5708.033	5698.585	5686.158	5668.627	5652.023	5633.064	5627.627	5606.283
56.0	5643.179	5640.543	5631.700	5620.720	5607.793	5594.512	5574.970	5554.220	5553.595	5527.512
56.5	5565.023	5560.991	5554.148	5544.877	5530.741	5515.773	5498.450	5477.293	5473.606	5452.366
57.0	5486.043	5483.960	5474.918	5466.127	5451.950	5436.450	5418.147	5398.522	5394.252	5372.158
57.5	5405.283	5405.127	5395.658	5386.033	5372.741	5355.106	5337.970	5317.752	5313.897	5292.731
58.0	5327.783	5325.731	5317.325	5305.825	5293.720	5278.772	5258.522	5238.658	5234.533	5213.450
58.5	5248.450	5244.897	5237.439	5225.866	5212.377	5196.293	5177.939	5155.127	5150.752	5131.168
59.0	5166.585	5162.366	5155.668	5144.908	5130.772	5114.252	5094.752	5072.918	5070.231	5048.116
59.5	5084.033	5081.147	5074.179	5060.877	5046.377	5032.377	5013.418	4991.554	4986.897	4967.897
60.0	5003.429	5000.356	4991.793	4982.408	4967.606	4950.231	4931.741	4909.574	4902.876	4886.376
60.5	4922.220	4919.064	4909.501	4898.751	4885.137	4868.366	4849.220	4825.251	4820.283	4799.981
61.0	4838.158	4834.397	4824.981	4814.054	4800.179	4784.897	4761.189	4738.335	4737.314	4713.970
61.5	4751.189	4747.470	4740.804	4729.991	4714.387	4697.137	4676.793	4654.408	4647.460	4630.460
62.0	4664.918	4662.314	4652.845	4644.064	4628.543	4610.772	4590.835	4568.418	4563.960	4545.783
62.5	4583.293	4578.908	4568.345	4558.845	4544.303	4526.553	4506.428	4480.991	4477.824	4458.876
63.0	4497.512	4494.043	4483.439	4472.303	4459.022	4440.585	4418.939	4396.908	4391.606	4374.043
63.5	4409.220	4407.397	4397.314	4386.220	4372.210	4352.324	4331.178	4308.574	4305.470	4284.043
64.0	4319.710	4316.512	4308.408	4297.699	4282.939	4265.668	4244.095	4219.741	4215.199	4195.887
64.5	4232.397	4228.730	4218.533	4207.949	4194.324	4174.564	4154.658	4130.647	4127.637	4107.376
65.0	4143.637	4140.043	4131.199	4120.491	4105.939	4085.897	4065.074	4043.022	4031.866	4018.126
65.5	4054.553	4051.491	4043.199	4029.657	4016.032	3995.782	3975.095	3944.491	3913.657	3910.897
66.0	3965.157	3960.960	3952.928	3940.918	3927.314	3905.855	3885.439	3810.991	3751.491	3774.741
66.5	3874.803	3870.387	3861.887	3849.043	3833.876	3816.209	3792.501	3641.501	3610.491	3611.209
67.0	3782.230	3778.074	3770.574	3756.324	3741.887	3723.834	3677.543	3518.501	3512.293	3495.761
67.5	3694.501	3687.637	3678.043	3665.553	3649.918	3633.074	3510.189	3424.595	3424.105	3405.470
68.0	3600.782	3594.199	3585.189	3574.397	3558.199	3538.730	3367.564	3338.647	3335.824	3319.636

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**CANDELA TABULATION - (Cont.)**

68.5	3507.782	3504.772	3494.084	3481.209	3465.511	3442.220	3275.168	3249.199	3245.147	3226.261
69.0	3410.355	3409.386	3398.657	3387.074	3371.782	3321.241	3182.522	3160.053	3150.845	3138.063
69.5	3307.084	3315.907	3306.897	3294.053	3278.043	3150.313	3094.553	3060.063	3038.220	3035.616
70.0	3174.095	3218.501	3212.168	3202.043	3185.032	3030.043	3005.730	2924.824	2872.272	2892.001
70.5	3027.261	3112.261	3117.282	3104.668	3089.772	2937.428	2910.355	2764.084	2749.334	2739.011
71.0	2879.876	2979.095	3023.636	3009.574	2992.543	2845.980	2771.897	2664.855	2661.417	2644.345
71.5	2765.147	2834.418	2926.543	2915.678	2883.970	2754.334	2612.928	2577.470	2575.667	2560.115
72.0	2666.647	2691.792	2822.157	2822.386	2720.136	2663.886	2517.313	2491.751	2484.470	2471.949
72.5	2575.542	2581.480	2694.532	2725.199	2594.334	2555.501	2428.938	2394.636	2363.917	2367.563
73.0	2483.449	2483.834	2553.563	2629.803	2500.407	2379.928	2339.678	2242.844	2211.553	2216.480
73.5	2396.761	2395.407	2417.219	2533.334	2410.042	2279.282	2246.938	2120.292	2118.844	2104.032
74.0	2309.626	2303.344	2303.334	2435.574	2319.126	2190.574	2086.209	2037.313	2036.094	2020.480
74.5	2218.303	2214.334	2208.178	2313.709	2222.751	2101.699	1979.542	1948.594	1939.136	1932.521
75.0	2124.980	2122.667	2117.688	2147.949	2080.334	2005.928	1895.626	1831.657	1796.334	1807.313
75.5	2034.199	2035.928	2029.584	1965.324	1952.001	1846.376	1809.313	1697.615	1698.553	1705.678
76.0	1917.219	1946.771	1942.126	1855.573	1863.417	1755.251	1662.657	1614.792	1600.771	1604.042
76.5	1782.073	1844.563	1851.521	1765.261	1775.303	1669.209	1561.678	1527.886	1502.990	1502.407
77.0	1662.907	1703.667	1760.730	1679.251	1677.053	1575.844	1481.240	1385.709	1405.209	1400.771
77.5	1565.355	1584.740	1665.521	1586.021	1502.803	1430.771	1359.448	1306.136	1306.771	1299.105
78.0	1485.053	1486.990	1541.303	1447.105	1381.563	1351.886	1255.865	1210.521	1194.875	1195.938
78.5	1405.657	1403.584	1417.553	1362.115	1285.271	1268.459	1177.896	1095.313	1097.313	1088.719
79.0	1320.865	1322.459	1291.563	1282.823	1160.896	1139.625	1052.594	1021.927	1011.052	1009.563
79.5	1204.969	1241.740	1186.459	1168.084	1074.396	1064.042	979.459	908.042	908.094	899.938
80.0	1095.365	1130.750	1108.438	1018.834	1000.188	943.438	864.709	833.459	820.802	818.875
80.5	1008.875	1021.688	1030.188	933.667	889.000	867.125	796.427	733.438	734.011	728.031
81.0	933.646	933.490	905.000	844.136	818.584	740.750	706.854	652.281	640.302	638.625
81.5	846.209	860.907	792.792	760.438	695.552	658.427	625.052	571.792	563.667	562.365
82.0	746.031	770.990	719.250	676.448	612.990	578.542	543.656	491.313	486.479	485.354
82.5	668.938	687.594	636.104	592.427	532.094	498.646	462.271	410.833	413.073	409.386
83.0	592.469	604.302	552.865	508.406	451.198	418.761	380.875	336.136	342.688	339.667
83.5	516.000	521.011	469.625	424.375	370.292	338.865	308.813	270.500	287.761	284.813
84.0	439.531	437.719	386.375	340.354	296.886	266.021	250.750	216.656	232.823	229.958
84.5	363.073	354.417	314.542	277.500	240.229	210.792	186.563	164.281	177.896	175.104
85.0	286.833	286.073	250.698	216.281	183.917	162.323	136.219	111.458	122.969	120.250
85.5	215.031	211.219	191.906	165.979	136.229	113.698	87.833	64.833	68.896	66.052
86.0	153.313	145.958	132.104	118.260	97.490	73.479	72.177	51.969	27.771	27.417
86.5	95.615	96.531	84.344	73.500	63.323	59.729	57.333	41.375	22.844	22.469
87.0	47.896	51.698	67.854	57.167	48.615	46.625	42.490	30.771	17.927	17.531
87.5	36.615	39.792	51.938	41.042	35.208	33.510	27.646	20.167	13.010	12.583
88.0	25.802	27.938	36.010	24.917	21.792	20.406	12.802	9.563	8.083	7.646
88.5	14.990	16.083	20.094	8.802	8.385	7.302	4.531	7.146	3.229	2.740
89.0	4.177	4.229	4.177	6.563	6.438	5.573	3.563	5.063	2.333	2.031
89.5	3.010	3.146	3.021	4.667	4.563	3.990	2.625	2.990	1.375	1.208
90.0	2.281	2.375	2.292	2.760	2.688	2.406	1.698	0.906	0.885	0.865
90.5	1.563	1.615	1.563	0.854	0.813	0.823	0.771	0.760	0.885	0.896
91.0	0.844	0.844	0.833	0.813	0.813	0.802	0.792	0.792	0.927	0.938
91.5	0.844	0.854	0.844	0.844	0.844	0.844	0.823	0.833	0.969	0.979
92.0	0.885	0.885	0.885	0.885	0.885	0.875	0.865	0.865	1.010	1.010
92.5	0.917	0.927	0.927	0.927	0.927	0.917	0.906	0.906	1.052	1.052
93.0	0.958	0.969	0.958	0.969	0.969	0.958	0.938	0.938	1.094	1.094
93.5	1.000	1.000	1.000	1.010	1.010	1.000	0.979	0.979	1.135	1.135
94.0	1.042	1.042	1.042	1.052	1.052	1.042	1.021	1.021	1.177	1.177
94.5	1.083	1.083	1.083	1.094	1.094	1.083	1.063	1.052	1.219	1.219
95.0	1.125	1.125	1.125	1.135	1.135	1.125	1.104	1.094	1.260	1.271
95.5	1.156	1.167	1.167	1.177	1.177	1.167	1.146	1.135	1.302	1.313
96.0	1.198	1.208	1.208	1.219	1.219	1.208	1.188	1.167	1.344	1.354

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**CANDELA TABULATION - (Cont.)**

96.5	1.240	1.250	1.250	1.260	1.260	1.250	1.219	1.208	1.385	1.396
97.0	1.281	1.281	1.292	1.302	1.302	1.281	1.260	1.240	1.427	1.427
97.5	1.313	1.323	1.323	1.333	1.333	1.323	1.292	1.271	1.469	1.469
98.0	1.354	1.365	1.365	1.375	1.375	1.365	1.323	1.313	1.510	1.510
98.5	1.385	1.396	1.396	1.417	1.417	1.396	1.365	1.344	1.552	1.552
99.0	1.417	1.427	1.438	1.448	1.458	1.438	1.396	1.375	1.594	1.594
99.5	1.458	1.469	1.469	1.490	1.490	1.469	1.427	1.406	1.646	1.635
100.0	1.490	1.500	1.510	1.521	1.521	1.500	1.458	1.438	1.698	1.688
100.5	1.531	1.531	1.542	1.563	1.563	1.531	1.490	1.469	1.750	1.740
101.0	1.563	1.563	1.573	1.594	1.594	1.563	1.531	1.510	1.802	1.792
101.5	1.594	1.594	1.604	1.625	1.625	1.594	1.563	1.542	1.854	1.844
102.0	1.635	1.625	1.635	1.667	1.656	1.635	1.594	1.573	1.906	1.896
102.5	1.667	1.667	1.677	1.698	1.698	1.667	1.625	1.615	1.958	1.948
103.0	1.698	1.698	1.708	1.740	1.729	1.698	1.656	1.646	2.021	2.010
103.5	1.729	1.729	1.740	1.771	1.771	1.729	1.698	1.688	2.083	2.073
104.0	1.771	1.771	1.781	1.813	1.802	1.760	1.729	1.719	2.135	2.135
104.5	1.802	1.802	1.813	1.854	1.833	1.792	1.771	1.760	2.198	2.188
105.0	1.833	1.844	1.854	1.885	1.875	1.833	1.813	1.802	2.260	2.240
105.5	1.875	1.885	1.896	1.927	1.917	1.865	1.854	1.844	2.313	2.292
106.0	1.917	1.927	1.938	1.969	1.948	1.906	1.896	1.875	2.365	2.344
106.5	1.948	1.969	1.969	2.010	1.990	1.948	1.938	1.917	2.406	2.396
107.0	2.000	2.010	2.010	2.042	2.031	1.979	1.979	1.958	2.448	2.427
107.5	2.042	2.052	2.042	2.083	2.063	2.021	2.021	1.990	2.458	2.458
108.0	2.083	2.094	2.083	2.125	2.094	2.052	2.063	2.021	2.469	2.490
108.5	2.115	2.135	2.115	2.156	2.125	2.094	2.094	2.052	2.490	2.521
109.0	2.156	2.177	2.146	2.188	2.156	2.135	2.125	2.083	2.531	2.552
109.5	2.198	2.208	2.177	2.219	2.188	2.167	2.156	2.125	2.563	2.583
110.0	2.229	2.240	2.208	2.250	2.219	2.208	2.188	2.156	2.604	2.615
110.5	2.271	2.260	2.240	2.281	2.260	2.240	2.219	2.188	2.635	2.646
111.0	2.302	2.292	2.271	2.323	2.292	2.271	2.260	2.229	2.667	2.677
111.5	2.333	2.333	2.302	2.354	2.333	2.313	2.302	2.271	2.708	2.719
112.0	2.365	2.365	2.354	2.396	2.375	2.354	2.333	2.313	2.740	2.750
112.5	2.406	2.406	2.396	2.438	2.417	2.385	2.375	2.344	2.771	2.781
113.0	2.448	2.448	2.438	2.479	2.458	2.417	2.406	2.375	2.802	2.813
113.5	2.490	2.490	2.479	2.521	2.500	2.448	2.448	2.417	2.844	2.854
114.0	2.531	2.531	2.521	2.552	2.542	2.479	2.490	2.458	2.875	2.885
114.5	2.563	2.573	2.552	2.583	2.573	2.510	2.521	2.510	2.917	2.917
115.0	2.604	2.604	2.573	2.615	2.604	2.552	2.563	2.563	2.958	2.958
115.5	2.625	2.625	2.594	2.635	2.625	2.594	2.594	2.604	3.000	2.990
116.0	2.635	2.635	2.604	2.646	2.656	2.635	2.625	2.635	3.042	3.031
116.5	2.656	2.646	2.615	2.677	2.677	2.667	2.656	2.667	3.083	3.063
117.0	2.688	2.677	2.656	2.698	2.708	2.698	2.688	2.708	3.115	3.094
117.5	2.719	2.708	2.688	2.740	2.750	2.740	2.729	2.740	3.146	3.135
118.0	2.740	2.729	2.719	2.781	2.792	2.781	2.771	2.781	3.188	3.188
118.5	2.771	2.760	2.750	2.823	2.823	2.823	2.823	2.823	3.260	3.240
119.0	2.802	2.802	2.781	2.854	2.865	2.865	2.865	2.875	3.323	3.292
119.5	2.833	2.833	2.813	2.896	2.906	2.906	2.906	2.917	3.375	3.333
120.0	2.865	2.865	2.854	2.927	2.948	2.948	2.948	2.969	3.417	3.385
120.5	2.885	2.896	2.885	2.969	2.990	2.990	2.990	3.010	3.458	3.427
121.0	2.917	2.938	2.917	3.010	3.031	3.031	3.042	3.063	3.510	3.479
121.5	2.969	2.969	2.958	3.052	3.083	3.083	3.083	3.104	3.552	3.531
122.0	3.021	3.021	3.010	3.094	3.135	3.135	3.125	3.167	3.604	3.573
122.5	3.052	3.073	3.052	3.135	3.198	3.177	3.177	3.229	3.656	3.625
123.0	3.104	3.125	3.094	3.177	3.250	3.229	3.229	3.292	3.719	3.677
123.5	3.156	3.177	3.135	3.229	3.302	3.281	3.281	3.344	3.781	3.729
124.0	3.208	3.229	3.188	3.281	3.333	3.333	3.333	3.396	3.844	3.792

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL HI 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

124.5	3.250	3.271	3.240	3.333	3.375	3.375	3.385	3.448	3.906	3.854
125.0	3.292	3.313	3.281	3.385	3.417	3.427	3.438	3.500	3.969	3.917
125.5	3.344	3.365	3.313	3.438	3.448	3.469	3.479	3.552	4.042	3.990
126.0	3.396	3.396	3.354	3.479	3.490	3.521	3.531	3.594	4.104	4.052
126.5	3.448	3.438	3.396	3.542	3.531	3.573	3.583	3.635	4.177	4.125
127.0	3.479	3.469	3.448	3.604	3.583	3.625	3.635	3.698	4.240	4.198
127.5	3.500	3.510	3.510	3.656	3.615	3.677	3.688	3.760	4.323	4.281
128.0	3.521	3.563	3.573	3.698	3.667	3.750	3.740	3.823	4.396	4.354
128.5	3.552	3.604	3.635	3.729	3.729	3.823	3.792	3.875	4.479	4.438
129.0	3.594	3.656	3.698	3.771	3.781	3.896	3.844	3.927	4.552	4.521
129.5	3.635	3.708	3.760	3.813	3.823	3.958	3.906	3.969	4.615	4.594
130.0	3.677	3.760	3.813	3.844	3.885	4.021	3.969	4.010	4.688	4.667
130.5	3.729	3.813	3.865	3.885	3.938	4.073	4.021	4.063	4.760	4.729
131.0	3.781	3.875	3.906	3.927	4.000	4.125	4.063	4.115	4.823	4.802
131.5	3.833	3.938	3.948	3.979	4.063	4.167	4.115	4.177	4.896	4.875
132.0	3.885	4.010	3.979	4.021	4.125	4.219	4.177	4.229	4.958	4.958
132.5	3.948	4.063	4.010	4.073	4.188	4.271	4.219	4.292	5.031	5.031
133.0	4.010	4.094	4.042	4.115	4.260	4.323	4.260	4.344	5.104	5.125
133.5	4.073	4.125	4.083	4.167	4.313	4.375	4.313	4.396	5.188	5.208
134.0	4.104	4.146	4.104	4.208	4.375	4.417	4.365	4.438	5.271	5.313
134.5	4.115	4.167	4.146	4.250	4.427	4.469	4.406	4.490	5.354	5.406
135.0	4.125	4.188	4.188	4.281	4.479	4.510	4.458	4.542	5.438	5.479
135.5	4.135	4.208	4.219	4.333	4.531	4.552	4.510	4.583	5.531	5.563
136.0	4.167	4.240	4.260	4.396	4.573	4.594	4.552	4.625	5.604	5.635
136.5	4.188	4.271	4.302	4.448	4.594	4.635	4.594	4.667	5.656	5.708
137.0	4.219	4.313	4.354	4.510	4.625	4.677	4.646	4.719	5.698	5.781
137.5	4.260	4.375	4.406	4.563	4.667	4.729	4.688	4.771	5.760	5.865
138.0	4.302	4.427	4.458	4.625	4.719	4.771	4.740	4.823	5.823	5.948
138.5	4.354	4.490	4.510	4.688	4.771	4.813	4.781	4.875	5.885	6.021
139.0	4.417	4.542	4.583	4.750	4.813	4.854	4.833	4.927	5.979	6.094
139.5	4.479	4.604	4.646	4.823	4.854	4.885	4.875	4.979	6.083	6.156
140.0	4.531	4.667	4.708	4.875	4.885	4.927	4.917	5.021	6.177	6.229
140.5	4.583	4.719	4.781	4.927	4.927	4.958	4.958	5.063	6.250	6.292
141.0	4.635	4.792	4.844	4.958	4.969	5.000	5.000	5.094	6.323	6.354
141.5	4.688	4.865	4.906	5.000	5.010	5.042	5.042	5.135	6.396	6.427
142.0	4.750	4.927	4.958	5.031	5.052	5.073	5.083	5.156	6.458	6.490
142.5	4.813	4.979	5.010	5.052	5.073	5.094	5.115	5.177	6.521	6.542
143.0	4.875	5.031	5.052	5.083	5.104	5.115	5.156	5.198	6.573	6.604
143.5	4.927	5.073	5.083	5.094	5.135	5.135	5.188	5.219	6.615	6.656
144.0	4.969	5.104	5.083	5.104	5.146	5.146	5.208	5.229	6.677	6.708
144.5	4.990	5.125	5.094	5.104	5.156	5.156	5.229	5.229	6.740	6.760
145.0	5.010	5.146	5.094	5.104	5.167	5.167	5.250	5.240	6.802	6.813
145.5	5.021	5.146	5.083	5.104	5.177	5.177	5.271	5.250	6.865	6.854
146.0	5.042	5.146	5.094	5.115	5.188	5.188	5.292	5.260	6.917	6.906
146.5	5.052	5.146	5.094	5.135	5.198	5.188	5.302	5.260	6.958	6.958
147.0	5.052	5.135	5.094	5.146	5.208	5.198	5.313	5.260	7.010	7.000
147.5	5.042	5.135	5.083	5.156	5.208	5.198	5.313	5.271	7.052	7.042
148.0	5.042	5.125	5.083	5.167	5.219	5.219	5.323	5.271	7.083	7.094
148.5	5.031	5.125	5.083	5.167	5.229	5.229	5.333	5.281	7.125	7.135
149.0	5.042	5.125	5.094	5.177	5.250	5.240	5.344	5.302	7.167	7.167
149.5	5.031	5.115	5.104	5.177	5.250	5.250	5.354	5.313	7.208	7.208
150.0	5.021	5.094	5.115	5.188	5.260	5.260	5.365	5.333	7.260	7.250
150.5	5.021	5.083	5.125	5.198	5.271	5.281	5.365	5.354	7.302	7.271
151.0	5.010	5.083	5.125	5.198	5.292	5.292	5.375	5.365	7.344	7.302
151.5	4.990	5.083	5.125	5.208	5.302	5.313	5.375	5.375	7.375	7.323
152.0	4.979	5.083	5.125	5.208	5.313	5.323	5.365	5.375	7.385	7.333

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL HI 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

152.5	4.969	5.073	5.125	5.208	5.313	5.333	5.354	5.354	7.396	7.344
153.0	4.958	5.073	5.135	5.219	5.323	5.365	5.344	5.354	7.406	7.354
153.5	4.958	5.073	5.146	5.229	5.333	5.396	5.365	5.354	7.396	7.354
154.0	4.969	5.083	5.156	5.250	5.344	5.438	5.385	5.365	7.385	7.354
154.5	4.979	5.104	5.177	5.281	5.365	5.479	5.417	5.385	7.375	7.365
155.0	5.000	5.115	5.208	5.302	5.396	5.510	5.458	5.406	7.396	7.385
155.5	5.031	5.135	5.229	5.323	5.427	5.531	5.490	5.438	7.417	7.396
156.0	5.042	5.156	5.250	5.354	5.458	5.563	5.531	5.469	7.438	7.417
156.5	5.063	5.177	5.281	5.375	5.490	5.594	5.563	5.510	7.469	7.448
157.0	5.094	5.208	5.323	5.417	5.531	5.625	5.594	5.563	7.500	7.490
157.5	5.115	5.229	5.354	5.448	5.573	5.656	5.604	5.604	7.521	7.521
158.0	5.135	5.260	5.385	5.490	5.615	5.688	5.615	5.646	7.563	7.563
158.5	5.156	5.292	5.427	5.531	5.667	5.708	5.625	5.677	7.594	7.583
159.0	5.177	5.323	5.458	5.573	5.719	5.708	5.635	5.688	7.604	7.583
159.5	5.198	5.344	5.479	5.615	5.760	5.719	5.646	5.698	7.604	7.583
160.0	5.208	5.365	5.500	5.646	5.792	5.729	5.656	5.698	7.583	7.573
160.5	5.219	5.385	5.521	5.667	5.823	5.740	5.667	5.708	7.563	7.552
161.0	5.229	5.396	5.552	5.688	5.833	5.750	5.677	5.708	7.531	7.531
161.5	5.250	5.406	5.583	5.708	5.854	5.771	5.698	5.708	7.500	7.500
162.0	5.292	5.448	5.625	5.740	5.885	5.802	5.729	5.729	7.448	7.469
162.5	5.344	5.500	5.677	5.792	5.927	5.844	5.781	5.771	7.427	7.438
163.0	5.385	5.552	5.740	5.833	5.958	5.875	5.833	5.802	7.406	7.417
163.5	5.406	5.604	5.792	5.865	5.969	5.896	5.865	5.833	7.396	7.406
164.0	5.438	5.656	5.833	5.896	5.990	5.927	5.896	5.854	7.396	7.417
164.5	5.510	5.740	5.896	5.969	6.042	5.969	5.958	5.906	7.385	7.406
165.0	5.604	5.833	5.990	6.052	6.125	6.042	6.042	5.990	7.396	7.406
165.5	5.688	5.906	6.073	6.125	6.188	6.104	6.125	6.063	7.396	7.396
166.0	5.760	5.958	6.146	6.177	6.240	6.156	6.188	6.125	7.396	7.406
166.5	5.813	5.990	6.188	6.208	6.260	6.208	6.240	6.167	7.406	7.417
167.0	5.854	6.031	6.250	6.260	6.302	6.271	6.313	6.240	7.406	7.427
167.5	5.896	6.083	6.302	6.313	6.354	6.344	6.385	6.323	7.427	7.438
168.0	5.906	6.135	6.354	6.365	6.406	6.417	6.458	6.417	7.427	7.438
168.5	5.896	6.177	6.385	6.396	6.438	6.469	6.510	6.469	7.438	7.438
169.0	5.854	6.198	6.396	6.396	6.458	6.500	6.531	6.510	7.427	7.448
169.5	5.833	6.219	6.396	6.396	6.469	6.510	6.542	6.521	7.427	7.448
170.0	5.844	6.219	6.375	6.385	6.469	6.510	6.542	6.521	7.448	7.469
170.5	5.854	6.198	6.354	6.375	6.469	6.510	6.542	6.531	7.490	7.510
171.0	5.917	6.188	6.354	6.385	6.479	6.521	6.563	6.542	7.552	7.563
171.5	6.000	6.198	6.385	6.427	6.521	6.563	6.604	6.583	7.583	7.604
172.0	6.094	6.260	6.438	6.479	6.583	6.625	6.667	6.635	7.583	7.615
172.5	6.208	6.323	6.490	6.542	6.646	6.677	6.719	6.688	7.594	7.615
173.0	6.333	6.406	6.583	6.625	6.750	6.781	6.813	6.781	7.604	7.625
173.5	6.500	6.531	6.698	6.750	6.896	6.927	6.948	6.927	7.625	7.656
174.0	6.656	6.677	6.844	6.896	7.073	7.094	7.115	7.083	7.656	7.688
174.5	6.781	6.823	6.979	7.031	7.208	7.240	7.271	7.240	7.646	7.688
175.0	6.781	6.896	7.063	7.104	7.271	7.323	7.344	7.323	7.625	7.667
175.5	6.760	6.948	7.125	7.146	7.292	7.365	7.385	7.365	7.604	7.656
176.0	6.781	6.979	7.177	7.177	7.313	7.385	7.396	7.385	7.594	7.635
176.5	6.823	7.000	7.229	7.219	7.323	7.406	7.417	7.396	7.552	7.604
177.0	6.865	7.010	7.250	7.250	7.323	7.417	7.427	7.406	7.479	7.542
177.5	6.865	6.979	7.229	7.250	7.292	7.385	7.406	7.396	7.396	7.469
178.0	6.854	6.938	7.167	7.229	7.250	7.323	7.375	7.354	7.344	7.417
178.5	6.844	6.906	7.104	7.208	7.219	7.260	7.333	7.313	7.302	7.365
179.0	6.854	6.896	7.083	7.208	7.229	7.250	7.333	7.313	7.260	7.313
179.5	6.854	6.896	7.083	7.219	7.240	7.240	7.333	7.323	7.229	7.260
180.0	7.125	7.125	7.125	7.125	7.125	7.125	7.125	7.125	7.125	7.125

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL HI 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>200</b>	<b>210</b>	<b>220</b>	<b>230</b>	<b>240</b>	<b>250</b>	<b>260</b>	<b>270</b>	<b>280</b>	<b>290</b>
0.0	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836
0.5	9778.555	9778.128	9778.607	9778.065	9778.274	9779.076	9778.972	9777.274	9777.461	9777.399
1.0	9777.795	9777.097	9778.982	9777.034	9776.472	9777.524	9777.305	9775.138	9774.868	9774.836
1.5	9776.961	9775.305	9775.940	9775.534	9773.857	9775.211	9774.972	9771.784	9772.774	9771.972
2.0	9775.065	9773.524	9773.128	9769.940	9769.899	9772.409	9771.222	9768.232	9768.982	9767.430
2.5	9771.743	9770.961	9769.784	9768.118	9767.493	9768.784	9767.888	9764.451	9763.951	9762.097
3.0	9767.670	9767.534	9765.920	9765.472	9762.888	9763.951	9762.795	9760.513	9760.180	9757.118
3.5	9764.711	9762.670	9761.201	9759.503	9757.118	9759.399	9757.815	9755.315	9753.586	9751.045
4.0	9760.836	9757.263	9756.878	9755.076	9751.315	9752.461	9752.461	9748.107	9746.763	9744.847
4.5	9756.597	9751.930	9752.409	9749.961	9745.076	9745.909	9745.159	9741.295	9738.253	9738.513
5.0	9750.211	9745.659	9746.545	9742.836	9738.357	9739.357	9737.097	9732.961	9732.170	9729.909
5.5	9743.357	9737.784	9737.888	9735.138	9731.555	9731.670	9728.149	9725.180	9723.638	9721.420
6.0	9736.013	9730.263	9729.951	9727.097	9722.013	9722.930	9718.368	9715.024	9714.211	9711.753
6.5	9728.065	9723.190	9723.253	9717.451	9712.555	9713.003	9709.128	9705.868	9704.795	9702.159
7.0	9718.451	9713.472	9712.524	9707.211	9704.451	9702.805	9698.170	9696.003	9693.701	9691.013
7.5	9708.118	9703.451	9702.232	9697.920	9694.628	9692.493	9687.170	9685.409	9683.576	9680.888
8.0	9697.430	9694.274	9691.263	9687.305	9682.993	9680.336	9676.638	9673.659	9672.315	9668.868
8.5	9686.295	9684.388	9679.097	9676.482	9671.961	9668.472	9664.440	9661.743	9659.670	9655.951
9.0	9675.399	9672.711	9669.451	9664.305	9658.534	9656.513	9651.836	9649.055	9647.076	9642.628
9.5	9664.545	9661.628	9655.493	9652.336	9645.586	9643.190	9638.493	9636.472	9633.107	9629.534
10.0	9652.045	9646.482	9640.826	9638.118	9631.659	9630.086	9625.013	9622.222	9618.472	9614.899
10.5	9636.420	9632.701	9627.920	9623.493	9617.711	9616.263	9610.545	9606.409	9603.461	9599.805
11.0	9624.086	9619.857	9614.857	9606.430	9602.868	9601.274	9595.232	9590.961	9585.940	9583.753
11.5	9608.993	9605.284	9599.440	9591.170	9586.534	9584.534	9579.711	9574.701	9570.045	9568.107
12.0	9590.649	9589.618	9580.670	9577.055	9569.899	9567.545	9561.607	9558.315	9554.409	9550.940
12.5	9576.784	9572.003	9564.034	9561.222	9553.753	9551.242	9545.597	9540.045	9538.128	9534.378
13.0	9560.336	9555.024	9546.253	9543.555	9535.107	9532.961	9527.232	9522.722	9519.617	9515.742
13.5	9541.086	9536.274	9529.399	9524.888	9517.003	9513.503	9508.920	9502.149	9500.326	9496.753
14.0	9523.545	9518.367	9511.055	9505.388	9497.274	9493.274	9487.951	9482.888	9480.003	9477.242
14.5	9503.951	9499.503	9492.086	9485.972	9477.982	9474.097	9467.992	9462.461	9459.836	9457.076
15.0	9486.190	9479.972	9473.878	9465.763	9458.222	9453.524	9447.180	9442.117	9439.357	9436.357
15.5	9464.357	9459.347	9452.024	9444.732	9437.076	9431.815	9425.159	9420.440	9417.284	9414.295
16.0	9444.899	9438.409	9430.086	9422.774	9415.138	9409.367	9404.211	9398.784	9394.878	9392.180
16.5	9425.326	9418.190	9407.940	9399.930	9392.899	9389.899	9382.472	9375.899	9371.295	9370.295
17.0	9400.492	9394.461	9386.430	9376.982	9369.461	9365.982	9359.607	9351.149	9347.149	9344.670
17.5	9377.378	9372.628	9361.232	9354.242	9345.472	9341.107	9335.461	9327.461	9322.992	9320.076
18.0	9355.722	9345.659	9338.815	9330.982	9321.461	9316.659	9310.201	9302.430	9298.451	9293.867
18.5	9329.555	9323.055	9313.930	9306.732	9296.440	9292.805	9288.086	9278.149	9274.149	9269.607
19.0	9303.003	9297.263	9288.420	9279.617	9271.013	9265.315	9260.794	9251.899	9246.097	9243.211
19.5	9280.513	9271.315	9261.774	9253.409	9243.972	9236.847	9234.638	9225.138	9218.034	9215.972
20.0	9254.003	9244.294	9236.065	9225.961	9216.597	9211.419	9205.003	9197.472	9192.763	9188.149
20.5	9224.503	9217.169	9208.836	9198.878	9188.565	9184.305	9176.524	9169.742	9166.222	9159.222
21.0	9196.242	9188.607	9179.440	9169.951	9160.159	9154.576	9147.524	9141.961	9136.284	9131.555
21.5	9168.836	9162.878	9150.503	9141.586	9131.722	9125.253	9115.607	9111.222	9106.961	9101.815
22.0	9140.253	9132.982	9120.451	9111.388	9101.680	9093.086	9086.784	9081.680	9076.513	9071.201
22.5	9109.034	9101.774	9091.565	9081.222	9070.784	9064.326	9057.711	9049.461	9045.013	9041.461
23.0	9078.867	9070.430	9062.430	9051.367	9040.742	9033.711	9027.482	9019.086	9014.815	9009.430
23.5	9047.794	9038.617	9028.253	9017.576	9008.930	9000.805	8995.159	8986.055	8981.357	8978.013
24.0	9016.794	9005.878	8996.482	8985.794	8975.451	8967.649	8962.576	8952.513	8947.503	8942.513
24.5	8984.024	8975.857	8962.690	8952.503	8943.565	8934.659	8929.701	8920.649	8914.159	8911.763
25.0	8951.180	8940.138	8929.294	8919.982	8908.419	8899.690	8895.013	8886.763	8879.534	8876.753
25.5	8917.544	8907.242	8895.888	8883.086	8874.742	8865.659	8859.388	8850.763	8847.576	8841.774
26.0	8882.274	8870.888	8860.378	8848.013	8840.690	8831.471	8823.544	8814.826	8810.388	8804.513

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**CANDELA TABULATION - (Cont.)**

26.5	8847.763	8838.055	8824.951	8810.919	8803.701	8794.961	8787.992	8777.201	8772.940	8768.617
27.0	8809.826	8797.534	8788.357	8775.930	8765.128	8759.190	8753.138	8742.034	8736.096	8730.961
27.5	8775.440	8762.419	8750.242	8739.076	8729.555	8721.992	8714.617	8704.023	8700.044	8695.315
28.0	8738.440	8726.419	8714.951	8700.586	8692.003	8683.138	8675.138	8665.951	8661.253	8654.898
28.5	8701.169	8688.190	8675.388	8663.284	8654.201	8643.138	8637.607	8629.305	8621.961	8618.315
29.0	8660.888	8649.544	8635.367	8624.221	8612.742	8602.617	8598.044	8588.482	8583.013	8578.607
29.5	8619.846	8609.117	8594.159	8584.242	8572.867	8566.044	8557.430	8548.076	8542.669	8538.326
30.0	8581.076	8569.326	8554.367	8543.836	8530.857	8524.940	8516.846	8509.159	8501.576	8497.971
30.5	8540.284	8528.513	8514.409	8498.398	8489.836	8482.773	8474.034	8466.159	8459.930	8455.805
31.0	8499.388	8486.169	8473.576	8458.773	8446.575	8439.628	8432.815	8420.669	8418.242	8413.388
31.5	8455.357	8443.159	8431.200	8415.898	8404.190	8395.523	8388.419	8380.659	8375.253	8369.450
32.0	8413.148	8400.648	8388.315	8373.450	8361.263	8351.534	8343.648	8337.346	8330.721	8324.711
32.5	8367.555	8354.815	8344.013	8328.034	8315.398	8305.930	8300.846	8291.159	8288.065	8278.544
33.0	8325.430	8309.565	8300.440	8282.700	8270.513	8261.586	8253.700	8247.503	8241.148	8232.690
33.5	8278.586	8266.659	8253.586	8238.669	8225.534	8217.867	8208.575	8203.419	8196.180	8188.627
34.0	8233.013	8221.075	8205.680	8192.961	8178.627	8171.388	8163.836	8155.023	8150.377	8145.773
34.5	8188.325	8170.669	8159.690	8145.221	8132.961	8123.575	8116.617	8108.919	8102.471	8098.638
35.0	8141.586	8126.075	8110.002	8096.763	8086.867	8076.148	8068.617	8060.325	8055.794	8049.127
35.5	8093.034	8079.398	8061.502	8048.950	8036.502	8027.648	8020.065	8012.815	8006.294	7999.909
36.0	8042.784	8030.596	8012.732	7999.648	7988.877	7978.034	7971.742	7964.742	7959.992	7951.721
36.5	7991.961	7979.450	7966.159	7949.336	7936.086	7927.117	7920.961	7915.690	7906.398	7904.554
37.0	7944.419	7928.825	7913.138	7899.034	7886.325	7877.648	7870.252	7862.554	7853.742	7851.523
37.5	7895.950	7881.346	7861.919	7848.023	7835.336	7827.627	7820.023	7812.784	7803.461	7799.773
38.0	7842.284	7827.554	7815.388	7796.804	7784.648	7776.315	7768.794	7761.565	7750.627	7748.388
38.5	7791.482	7774.357	7759.502	7743.304	7731.596	7723.482	7717.846	7706.357	7699.575	7695.284
39.0	7737.513	7720.117	7705.752	7691.429	7676.523	7669.669	7660.669	7654.075	7646.763	7640.575
39.5	7683.336	7666.054	7654.107	7636.586	7622.971	7614.940	7608.856	7597.565	7590.221	7586.648
40.0	7628.190	7611.648	7598.221	7582.971	7569.742	7561.117	7554.971	7544.898	7535.888	7532.638
40.5	7573.731	7556.429	7541.523	7529.669	7512.002	7505.846	7499.971	7491.096	7481.054	7479.002
41.0	7519.888	7500.742	7485.971	7470.440	7456.377	7450.617	7442.888	7433.606	7426.138	7422.429
41.5	7460.398	7446.961	7431.356	7414.356	7399.054	7391.242	7383.388	7373.627	7366.304	7363.117
42.0	7401.836	7389.554	7372.898	7359.263	7343.023	7334.836	7327.877	7319.638	7309.919	7306.783
42.5	7345.356	7328.075	7314.513	7299.388	7282.554	7277.919	7270.356	7263.481	7255.013	7248.481
43.0	7288.336	7271.356	7255.565	7239.429	7224.971	7217.075	7210.992	7203.836	7199.242	7188.200
43.5	7229.054	7211.940	7195.138	7179.013	7166.065	7156.294	7152.398	7144.138	7138.721	7130.679
44.0	7171.346	7151.221	7136.002	7122.169	7107.981	7096.617	7093.481	7081.981	7076.315	7068.898
44.5	7108.752	7092.231	7077.585	7061.377	7044.440	7035.669	7031.565	7021.294	7013.554	7007.898
45.0	7044.429	7029.429	7014.627	6999.242	6982.096	6974.252	6971.513	6960.710	6953.085	6945.992
45.5	6983.169	6967.388	6951.127	6935.710	6919.835	6911.638	6907.429	6898.075	6891.169	6885.971
46.0	6921.429	6902.679	6888.867	6873.388	6856.585	6848.148	6844.127	6834.013	6826.617	6820.440
46.5	6856.513	6836.606	6824.179	6808.877	6793.377	6785.054	6780.929	6771.512	6760.898	6758.429
47.0	6793.033	6775.512	6760.387	6744.325	6727.856	6720.731	6713.533	6708.231	6700.627	6696.044
47.5	6727.825	6708.731	6693.710	6677.950	6665.731	6654.346	6650.012	6642.252	6634.867	6631.315
48.0	6662.804	6643.356	6625.752	6612.127	6599.617	6588.273	6585.835	6576.575	6570.648	6565.096
48.5	6591.554	6576.492	6562.648	6545.606	6530.762	6522.075	6515.429	6509.179	6501.658	6497.367
49.0	6527.064	6508.637	6493.169	6477.575	6464.283	6456.387	6446.929	6440.096	6435.762	6429.481
49.5	6460.221	6441.294	6425.856	6409.158	6396.658	6385.221	6381.742	6373.533	6368.314	6361.106
50.0	6389.221	6374.054	6356.929	6340.856	6326.856	6317.439	6315.221	6303.752	6299.856	6294.721
50.5	6319.533	6302.658	6285.169	6271.252	6259.648	6247.356	6242.898	6236.419	6229.023	6224.710
51.0	6252.054	6234.241	6217.846	6203.523	6185.366	6178.148	6171.877	6163.096	6161.866	6153.439
51.5	6180.346	6161.731	6146.596	6132.898	6115.502	6109.283	6101.116	6095.398	6090.981	6084.679
52.0	6110.429	6088.481	6074.012	6057.314	6044.106	6036.262	6031.023	6025.273	6018.387	6011.939
52.5	6034.585	6018.033	6001.314	5987.096	5972.314	5962.408	5955.731	5951.356	5944.898	5941.231
53.0	5962.585	5945.189	5927.168	5913.596	5900.043	5889.502	5884.460	5876.783	5872.043	5865.908
53.5	5887.918	5868.335	5855.512	5840.283	5824.585	5817.075	5810.418	5802.096	5799.398	5793.043
54.0	5816.189	5795.148	5783.783	5768.293	5750.116	5748.616	5739.710	5732.439	5728.023	5720.106

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**CANDELA TABULATION - (Cont.)**

54.5	5742.377	5722.127	5707.054	5689.668	5675.898	5670.741	5660.877	5657.512	5654.023	5646.168
55.0	5664.877	5644.793	5628.418	5616.002	5602.408	5592.470	5584.564	5581.366	5575.960	5571.991
55.5	5586.648	5571.387	5551.398	5537.200	5524.627	5513.179	5505.700	5504.273	5497.814	5493.741
56.0	5511.085	5494.991	5474.189	5460.418	5444.950	5439.679	5429.877	5427.335	5422.814	5420.366
56.5	5434.429	5418.397	5399.720	5384.783	5369.002	5362.335	5352.814	5348.887	5346.356	5342.429
57.0	5352.241	5335.022	5321.491	5304.012	5292.137	5283.335	5274.887	5268.835	5266.450	5264.845
57.5	5272.814	5257.950	5240.179	5223.179	5211.502	5204.752	5195.658	5188.793	5187.304	5183.856
58.0	5191.585	5180.460	5160.366	5144.460	5131.377	5122.470	5115.095	5110.793	5105.720	5104.314
58.5	5108.283	5095.074	5079.335	5062.720	5049.220	5042.522	5036.366	5030.137	5026.689	5024.179
59.0	5028.533	5012.647	4999.918	4981.106	4971.491	4961.085	4955.085	4947.002	4946.637	4944.637
59.5	4946.449	4929.658	4916.335	4899.189	4887.970	4876.460	4872.241	4867.116	4865.179	4861.304
60.0	4864.085	4846.616	4832.908	4818.522	4805.272	4797.335	4791.585	4783.918	4783.397	4779.835
60.5	4779.116	4763.116	4747.585	4736.470	4718.158	4716.095	4708.397	4701.929	4699.251	4696.210
61.0	4696.231	4678.824	4665.720	4648.762	4636.158	4631.428	4627.001	4618.126	4617.210	4615.991
61.5	4611.689	4595.095	4583.460	4564.908	4553.356	4542.512	4537.001	4533.512	4533.397	4531.158
62.0	4524.501	4509.314	4497.231	4477.085	4466.231	4457.918	4451.876	4448.012	4445.345	4445.033
62.5	4438.335	4420.543	4409.981	4393.626	4380.928	4375.022	4364.689	4362.178	4361.043	4357.345
63.0	4350.647	4335.605	4322.126	4305.637	4294.158	4284.397	4279.658	4275.376	4274.251	4272.814
63.5	4264.230	4248.699	4232.824	4219.574	4208.033	4197.970	4192.855	4190.939	4188.803	4187.803
64.0	4176.876	4160.835	4146.751	4133.012	4118.897	4112.085	4103.970	4100.689	4099.387	4101.887
64.5	4089.147	4072.251	4059.293	4044.470	4033.126	4025.762	4016.710	4013.616	4012.407	4011.553
65.0	3999.335	3983.887	3970.626	3955.616	3943.262	3935.522	3928.480	3925.553	3922.991	3924.251
65.5	3909.460	3894.418	3877.637	3865.460	3851.626	3845.053	3838.210	3838.407	3836.762	3835.845
66.0	3820.574	3803.084	3789.855	3776.137	3762.449	3755.314	3748.293	3747.480	3744.814	3749.137
66.5	3715.272	3713.564	3698.824	3688.251	3675.855	3665.751	3660.887	3656.387	3657.501	3658.605
67.0	3574.595	3622.199	3609.762	3594.376	3583.522	3575.303	3569.897	3566.512	3565.720	3568.949
67.5	3417.084	3531.876	3516.907	3502.293	3490.709	3485.616	3475.168	3470.866	3475.720	3477.616
68.0	3304.105	3434.272	3423.386	3411.189	3399.209	3392.720	3379.126	3362.293	3380.251	3387.720
68.5	3213.407	3310.543	3331.376	3319.939	3308.584	3296.043	3248.063	3215.959	3264.220	3294.428
69.0	3123.251	3156.022	3240.282	3222.366	3212.970	3193.157	3094.782	3055.803	3112.751	3196.991
69.5	3033.720	3027.397	3147.907	3130.813	3121.626	3063.907	2946.938	2924.240	2956.147	3086.949
70.0	2941.865	2933.720	3053.251	3041.011	3028.970	2906.813	2826.480	2823.001	2833.240	2948.584
70.5	2828.282	2842.095	2952.470	2946.084	2927.480	2761.168	2733.730	2732.199	2734.501	2786.897
71.0	2675.292	2751.980	2828.115	2851.522	2798.626	2654.855	2644.261	2643.595	2644.626	2661.240
71.5	2549.688	2661.990	2678.459	2755.980	2642.709	2564.407	2559.167	2554.532	2558.126	2563.782
72.0	2458.720	2544.782	2564.355	2664.886	2504.001	2477.115	2471.897	2466.459	2472.657	2478.980
72.5	2372.261	2395.011	2471.657	2566.615	2401.824	2387.157	2380.844	2380.126	2385.230	2389.501
73.0	2281.813	2280.917	2381.219	2457.303	2311.855	2298.219	2293.063	2292.428	2293.438	2301.678
73.5	2152.469	2193.053	2287.042	2309.553	2218.594	2211.292	2204.928	2201.251	2206.209	2213.542
74.0	2013.751	2103.167	2181.063	2153.136	2129.646	2123.584	2117.813	2114.688	2119.584	2127.730
74.5	1927.824	2002.459	2040.605	1997.709	2042.386	2035.271	2018.563	2001.480	2030.167	2040.021
75.0	1845.146	1861.438	1923.157	1886.188	1957.469	1941.313	1875.261	1857.355	1898.771	1951.917
75.5	1736.230	1762.626	1807.438	1801.209	1865.261	1820.386	1781.334	1766.886	1801.594	1854.490
76.0	1627.323	1663.823	1691.730	1705.146	1757.501	1718.553	1687.407	1676.428	1704.407	1745.511
76.5	1518.417	1565.011	1576.011	1609.073	1649.751	1616.719	1593.480	1585.959	1607.230	1636.532
77.0	1409.511	1466.198	1460.292	1513.011	1541.990	1514.886	1499.542	1495.490	1510.053	1527.553
77.5	1301.240	1367.667	1346.636	1416.948	1434.240	1413.844	1405.834	1404.969	1413.146	1419.688
78.0	1221.469	1275.969	1264.709	1320.427	1326.323	1330.427	1318.438	1310.511	1325.146	1340.177
78.5	1121.886	1154.782	1146.136	1196.552	1210.480	1246.563	1198.563	1185.615	1219.344	1261.698
79.0	1019.063	1076.323	1066.011	1060.500	1135.605	1127.552	1090.459	1087.198	1104.480	1169.855
79.5	932.646	954.375	982.584	975.386	1049.792	1026.084	1012.115	1012.636	1019.813	1046.011
80.0	836.104	841.750	876.323	902.990	926.469	945.365	939.157	936.782	946.042	957.354
80.5	747.479	741.354	775.219	799.573	810.459	870.844	847.417	841.407	869.146	886.615
81.0	665.094	665.959	665.354	710.334	746.469	776.354	752.188	745.844	761.792	810.959
81.5	576.521	580.594	588.031	598.052	664.750	687.563	676.375	675.459	683.875	706.948
82.0	496.000	497.521	518.875	537.948	560.094	616.875	598.386	595.438	619.219	630.636

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**CANDELA TABULATION - (Cont.)**

82.5	422.219	425.969	437.042	456.927	492.750	517.979	519.802	516.250	528.865	545.250
83.0	352.792	342.240	351.542	369.552	412.271	444.354	450.990	449.813	459.115	457.938
83.5	295.511	288.948	299.386	308.156	334.250	375.927	372.563	367.781	385.333	395.896
84.0	238.229	235.656	247.219	252.969	273.948	310.740	306.646	302.583	319.031	329.740
84.5	180.948	182.365	195.052	197.781	213.646	245.552	240.729	237.396	252.729	263.573
85.0	123.656	129.073	142.885	142.594	153.344	180.365	174.823	172.198	186.427	197.417
85.5	67.354	77.844	91.229	88.167	93.885	115.167	108.906	107.010	120.125	131.250
86.0	32.260	63.698	74.177	71.510	76.010	50.469	45.927	44.729	57.229	65.281
86.5	26.292	49.552	57.125	54.854	58.125	38.823	35.229	34.438	44.135	50.510
87.0	20.323	35.406	40.073	38.198	40.250	27.167	24.531	24.146	31.031	35.740
87.5	14.365	21.260	23.021	21.531	22.375	15.521	13.833	13.854	17.927	20.969
88.0	8.396	7.677	6.167	5.219	4.802	3.958	3.531	3.927	5.365	6.792
88.5	2.458	2.156	1.906	1.604	1.313	1.260	1.156	1.104	1.167	1.313
89.0	1.604	1.406	1.229	1.135	1.073	1.052	1.021	0.979	0.979	1.021
89.5	1.000	0.906	0.906	0.917	0.927	0.927	0.917	0.917	0.917	0.917
90.0	0.896	0.917	0.938	0.958	0.969	0.958	0.958	0.958	0.958	0.958
90.5	0.927	0.958	0.979	0.990	1.000	1.000	1.000	1.000	0.990	0.990
91.0	0.969	1.000	1.021	1.031	1.042	1.031	1.031	1.031	1.031	1.031
91.5	1.000	1.031	1.052	1.073	1.083	1.073	1.073	1.073	1.073	1.073
92.0	1.042	1.073	1.094	1.115	1.125	1.115	1.115	1.115	1.115	1.115
92.5	1.083	1.115	1.146	1.156	1.167	1.156	1.156	1.156	1.156	1.156
93.0	1.125	1.167	1.188	1.208	1.208	1.208	1.198	1.198	1.198	1.198
93.5	1.167	1.208	1.229	1.250	1.250	1.250	1.240	1.250	1.240	1.240
94.0	1.219	1.250	1.281	1.292	1.292	1.292	1.281	1.281	1.281	1.281
94.5	1.260	1.292	1.323	1.333	1.333	1.333	1.323	1.333	1.323	1.323
95.0	1.302	1.333	1.365	1.375	1.375	1.375	1.375	1.375	1.375	1.365
95.5	1.344	1.375	1.406	1.417	1.427	1.417	1.417	1.417	1.417	1.406
96.0	1.385	1.417	1.448	1.458	1.469	1.458	1.458	1.458	1.458	1.458
96.5	1.427	1.469	1.490	1.510	1.510	1.500	1.500	1.500	1.500	1.500
97.0	1.469	1.510	1.531	1.542	1.552	1.542	1.542	1.542	1.542	1.542
97.5	1.500	1.552	1.573	1.583	1.594	1.583	1.583	1.583	1.583	1.583
98.0	1.542	1.583	1.615	1.625	1.625	1.625	1.625	1.635	1.625	1.625
98.5	1.583	1.625	1.667	1.667	1.667	1.667	1.667	1.667	1.667	1.667
99.0	1.615	1.667	1.708	1.708	1.708	1.708	1.708	1.708	1.708	1.708
99.5	1.667	1.708	1.760	1.750	1.750	1.750	1.750	1.760	1.750	1.750
100.0	1.708	1.760	1.813	1.813	1.802	1.792	1.802	1.813	1.792	1.792
100.5	1.760	1.802	1.854	1.865	1.854	1.844	1.844	1.865	1.844	1.844
101.0	1.813	1.844	1.896	1.917	1.906	1.896	1.896	1.906	1.896	1.896
101.5	1.865	1.896	1.948	1.969	1.958	1.958	1.958	1.958	1.948	1.948
102.0	1.917	1.948	2.000	2.021	2.010	2.010	2.010	2.010	2.000	2.000
102.5	1.969	1.990	2.042	2.073	2.073	2.073	2.063	2.063	2.052	2.052
103.0	2.021	2.052	2.094	2.125	2.125	2.125	2.125	2.125	2.115	2.104
103.5	2.083	2.094	2.146	2.177	2.177	2.188	2.177	2.177	2.167	2.167
104.0	2.135	2.146	2.198	2.229	2.229	2.240	2.240	2.240	2.229	2.229
104.5	2.177	2.198	2.250	2.292	2.292	2.302	2.292	2.302	2.281	2.292
105.0	2.240	2.260	2.313	2.344	2.354	2.354	2.354	2.354	2.344	2.344
105.5	2.292	2.313	2.365	2.396	2.406	2.417	2.406	2.417	2.406	2.406
106.0	2.354	2.375	2.417	2.458	2.458	2.479	2.469	2.469	2.458	2.458
106.5	2.396	2.427	2.469	2.510	2.510	2.531	2.531	2.531	2.510	2.510
107.0	2.438	2.469	2.521	2.563	2.573	2.583	2.594	2.583	2.563	2.563
107.5	2.469	2.500	2.563	2.615	2.625	2.635	2.646	2.635	2.615	2.615
108.0	2.510	2.542	2.604	2.646	2.667	2.688	2.688	2.688	2.667	2.656
108.5	2.542	2.583	2.635	2.688	2.708	2.729	2.740	2.729	2.708	2.708
109.0	2.583	2.615	2.667	2.719	2.750	2.781	2.781	2.771	2.750	2.740
109.5	2.604	2.656	2.708	2.750	2.781	2.813	2.823	2.813	2.792	2.781
110.0	2.646	2.688	2.740	2.781	2.813	2.844	2.854	2.854	2.823	2.813

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**CANDELA TABULATION - (Cont.)**

110.5	2.667	2.729	2.771	2.823	2.833	2.875	2.896	2.885	2.865	2.844
111.0	2.698	2.760	2.802	2.854	2.865	2.906	2.927	2.927	2.896	2.875
111.5	2.740	2.792	2.844	2.885	2.896	2.938	2.958	2.958	2.927	2.906
112.0	2.771	2.823	2.875	2.927	2.938	2.969	2.979	2.990	2.958	2.948
112.5	2.802	2.854	2.906	2.958	2.979	3.000	3.000	3.010	2.990	2.979
113.0	2.833	2.885	2.938	2.990	3.010	3.042	3.031	3.031	3.021	3.010
113.5	2.865	2.917	2.969	3.021	3.052	3.073	3.063	3.052	3.052	3.042
114.0	2.906	2.948	3.000	3.052	3.083	3.115	3.094	3.083	3.073	3.073
114.5	2.938	2.979	3.042	3.094	3.115	3.146	3.125	3.115	3.104	3.104
115.0	2.979	3.010	3.073	3.125	3.146	3.177	3.156	3.146	3.125	3.135
115.5	3.021	3.042	3.104	3.167	3.177	3.208	3.198	3.177	3.156	3.167
116.0	3.052	3.073	3.135	3.198	3.208	3.240	3.229	3.219	3.188	3.188
116.5	3.083	3.115	3.177	3.240	3.240	3.271	3.260	3.250	3.219	3.219
117.0	3.125	3.156	3.208	3.271	3.271	3.302	3.302	3.281	3.250	3.250
117.5	3.167	3.208	3.240	3.313	3.302	3.333	3.333	3.313	3.292	3.281
118.0	3.208	3.240	3.271	3.344	3.333	3.354	3.365	3.344	3.323	3.313
118.5	3.250	3.281	3.302	3.375	3.375	3.385	3.396	3.375	3.365	3.344
119.0	3.292	3.323	3.344	3.406	3.406	3.427	3.427	3.406	3.396	3.385
119.5	3.333	3.354	3.396	3.438	3.427	3.469	3.458	3.438	3.427	3.417
120.0	3.375	3.396	3.438	3.479	3.469	3.510	3.490	3.479	3.469	3.448
120.5	3.417	3.438	3.479	3.510	3.510	3.542	3.531	3.510	3.500	3.479
121.0	3.469	3.479	3.521	3.552	3.552	3.573	3.573	3.552	3.542	3.521
121.5	3.521	3.521	3.573	3.594	3.604	3.594	3.615	3.594	3.583	3.563
122.0	3.573	3.573	3.635	3.635	3.646	3.646	3.656	3.635	3.615	3.604
122.5	3.625	3.635	3.688	3.688	3.688	3.698	3.698	3.688	3.656	3.656
123.0	3.677	3.688	3.750	3.729	3.740	3.750	3.729	3.740	3.698	3.708
123.5	3.729	3.740	3.802	3.792	3.802	3.802	3.771	3.802	3.740	3.760
124.0	3.781	3.802	3.854	3.865	3.854	3.865	3.833	3.854	3.792	3.813
124.5	3.833	3.854	3.906	3.938	3.906	3.927	3.896	3.906	3.844	3.865
125.0	3.885	3.917	3.958	4.010	3.969	3.990	3.979	3.958	3.917	3.917
125.5	3.948	3.979	4.031	4.094	4.042	4.052	4.052	4.021	3.979	3.979
126.0	4.021	4.042	4.094	4.177	4.115	4.125	4.125	4.115	4.031	4.042
126.5	4.083	4.115	4.167	4.250	4.208	4.188	4.198	4.208	4.094	4.104
127.0	4.156	4.188	4.250	4.333	4.292	4.271	4.260	4.292	4.167	4.177
127.5	4.240	4.260	4.323	4.406	4.385	4.344	4.323	4.365	4.229	4.250
128.0	4.313	4.344	4.406	4.479	4.479	4.427	4.406	4.438	4.313	4.333
128.5	4.396	4.427	4.479	4.552	4.563	4.510	4.500	4.521	4.396	4.427
129.0	4.469	4.521	4.552	4.625	4.656	4.594	4.594	4.594	4.490	4.521
129.5	4.542	4.604	4.625	4.688	4.740	4.688	4.688	4.677	4.583	4.615
130.0	4.625	4.698	4.708	4.760	4.823	4.781	4.781	4.771	4.677	4.719
130.5	4.708	4.771	4.792	4.833	4.885	4.875	4.875	4.865	4.771	4.823
131.0	4.781	4.854	4.875	4.917	4.958	4.979	4.969	4.958	4.865	4.927
131.5	4.854	4.948	4.969	5.010	5.042	5.073	5.063	5.063	4.969	5.021
132.0	4.927	5.042	5.052	5.104	5.115	5.167	5.167	5.156	5.073	5.094
132.5	5.021	5.125	5.146	5.198	5.198	5.229	5.271	5.250	5.177	5.146
133.0	5.104	5.208	5.250	5.302	5.292	5.313	5.375	5.354	5.271	5.208
133.5	5.198	5.292	5.354	5.396	5.365	5.385	5.448	5.438	5.344	5.271
134.0	5.292	5.385	5.469	5.500	5.469	5.469	5.531	5.510	5.427	5.344
134.5	5.385	5.479	5.583	5.594	5.583	5.552	5.594	5.583	5.500	5.406
135.0	5.469	5.552	5.688	5.688	5.698	5.625	5.667	5.646	5.573	5.458
135.5	5.552	5.635	5.781	5.781	5.802	5.698	5.740	5.708	5.646	5.510
136.0	5.646	5.729	5.875	5.875	5.896	5.771	5.823	5.760	5.719	5.563
136.5	5.719	5.802	5.958	5.958	5.990	5.865	5.885	5.813	5.792	5.615
137.0	5.802	5.885	6.042	6.052	6.073	5.958	5.958	5.865	5.865	5.667
137.5	5.875	5.969	6.135	6.146	6.156	6.052	6.031	5.927	5.938	5.740
138.0	5.948	6.042	6.208	6.240	6.240	6.135	6.115	6.000	6.010	5.802

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

138.5	6.021	6.115	6.281	6.333	6.313	6.219	6.198	6.073	6.083	5.875
139.0	6.094	6.188	6.354	6.427	6.396	6.302	6.271	6.146	6.146	5.948
139.5	6.167	6.260	6.427	6.510	6.479	6.385	6.344	6.229	6.219	6.042
140.0	6.240	6.333	6.510	6.604	6.552	6.458	6.417	6.323	6.292	6.135
140.5	6.302	6.396	6.573	6.688	6.625	6.521	6.479	6.406	6.354	6.229
141.0	6.375	6.469	6.646	6.760	6.698	6.604	6.552	6.479	6.406	6.333
141.5	6.448	6.531	6.708	6.833	6.781	6.677	6.615	6.552	6.469	6.427
142.0	6.521	6.594	6.781	6.917	6.854	6.750	6.677	6.635	6.542	6.500
142.5	6.594	6.667	6.844	6.979	6.927	6.823	6.740	6.708	6.615	6.583
143.0	6.667	6.719	6.906	7.031	7.000	6.896	6.802	6.771	6.677	6.656
143.5	6.740	6.781	6.969	7.083	7.063	6.969	6.854	6.833	6.750	6.719
144.0	6.802	6.844	7.031	7.125	7.125	7.042	6.906	6.896	6.802	6.781
144.5	6.854	6.906	7.083	7.177	7.177	7.104	6.958	6.979	6.854	6.844
145.0	6.917	6.969	7.125	7.219	7.229	7.167	7.010	7.052	6.885	6.906
145.5	6.979	7.021	7.177	7.260	7.271	7.229	7.052	7.125	6.906	6.969
146.0	7.031	7.083	7.208	7.302	7.292	7.271	7.094	7.188	6.927	7.031
146.5	7.083	7.125	7.240	7.333	7.323	7.302	7.125	7.240	6.938	7.094
147.0	7.135	7.177	7.281	7.365	7.344	7.344	7.167	7.292	6.948	7.146
147.5	7.188	7.219	7.313	7.396	7.365	7.365	7.208	7.323	6.958	7.188
148.0	7.219	7.260	7.333	7.406	7.385	7.375	7.240	7.344	6.979	7.208
148.5	7.260	7.292	7.365	7.427	7.406	7.385	7.260	7.323	7.010	7.229
149.0	7.292	7.323	7.385	7.438	7.427	7.396	7.271	7.271	7.052	7.260
149.5	7.323	7.354	7.417	7.448	7.458	7.406	7.271	7.229	7.104	7.281
150.0	7.344	7.385	7.438	7.458	7.479	7.427	7.281	7.167	7.156	7.292
150.5	7.375	7.406	7.458	7.469	7.490	7.438	7.271	7.125	7.198	7.302
151.0	7.396	7.438	7.479	7.479	7.490	7.458	7.250	7.115	7.229	7.313
151.5	7.396	7.469	7.500	7.479	7.490	7.469	7.219	7.115	7.250	7.333
152.0	7.406	7.500	7.521	7.479	7.490	7.469	7.198	7.156	7.271	7.344
152.5	7.406	7.521	7.521	7.479	7.479	7.448	7.177	7.208	7.281	7.344
153.0	7.406	7.552	7.531	7.479	7.469	7.438	7.167	7.271	7.271	7.344
153.5	7.417	7.573	7.531	7.490	7.458	7.417	7.177	7.313	7.260	7.323
154.0	7.417	7.583	7.542	7.490	7.448	7.385	7.188	7.302	7.260	7.302
154.5	7.406	7.594	7.552	7.490	7.438	7.375	7.208	7.281	7.260	7.260
155.0	7.396	7.604	7.563	7.490	7.438	7.354	7.229	7.240	7.260	7.208
155.5	7.396	7.604	7.573	7.490	7.438	7.344	7.250	7.208	7.260	7.156
156.0	7.396	7.583	7.573	7.490	7.438	7.344	7.271	7.177	7.260	7.115
156.5	7.396	7.583	7.594	7.500	7.438	7.344	7.281	7.146	7.260	7.083
157.0	7.396	7.583	7.604	7.510	7.438	7.344	7.292	7.125	7.271	7.073
157.5	7.417	7.573	7.625	7.531	7.448	7.344	7.313	7.104	7.260	7.073
158.0	7.427	7.563	7.646	7.563	7.458	7.365	7.313	7.094	7.240	7.073
158.5	7.438	7.563	7.667	7.594	7.479	7.375	7.313	7.083	7.219	7.083
159.0	7.438	7.552	7.688	7.625	7.490	7.406	7.313	7.073	7.208	7.083
159.5	7.448	7.552	7.698	7.646	7.500	7.417	7.302	7.073	7.177	7.094
160.0	7.438	7.531	7.708	7.667	7.531	7.427	7.302	7.083	7.146	7.094
160.5	7.438	7.510	7.719	7.688	7.552	7.427	7.313	7.083	7.115	7.094
161.0	7.427	7.490	7.729	7.708	7.573	7.438	7.313	7.063	7.083	7.104
161.5	7.417	7.458	7.708	7.719	7.594	7.448	7.302	7.063	7.052	7.104
162.0	7.396	7.417	7.667	7.719	7.615	7.458	7.292	7.063	7.021	7.104
162.5	7.385	7.406	7.635	7.708	7.635	7.469	7.271	7.073	6.990	7.104
163.0	7.375	7.406	7.615	7.708	7.635	7.479	7.260	7.094	6.948	7.115
163.5	7.385	7.406	7.594	7.708	7.646	7.510	7.271	7.104	6.917	7.115
164.0	7.396	7.406	7.573	7.708	7.667	7.531	7.281	7.125	6.885	7.115
164.5	7.417	7.417	7.563	7.708	7.677	7.552	7.313	7.146	6.854	7.115
165.0	7.448	7.438	7.563	7.708	7.698	7.573	7.333	7.167	6.823	7.125
165.5	7.469	7.469	7.563	7.729	7.708	7.594	7.354	7.177	6.792	7.125
166.0	7.490	7.510	7.594	7.729	7.719	7.625	7.375	7.198	6.760	7.125

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

166.5	7.510	7.552	7.615	7.729	7.729	7.646	7.396	7.219	6.719	7.135
167.0	7.531	7.583	7.646	7.729	7.740	7.646	7.417	7.229	6.688	7.135
167.5	7.552	7.615	7.667	7.719	7.740	7.656	7.448	7.250	6.656	7.135
168.0	7.563	7.635	7.688	7.719	7.729	7.656	7.469	7.271	6.625	7.135
168.5	7.573	7.646	7.698	7.719	7.719	7.667	7.490	7.292	6.594	7.146
169.0	7.573	7.646	7.698	7.708	7.698	7.667	7.521	7.302	6.563	7.146
169.5	7.563	7.646	7.698	7.708	7.688	7.677	7.542	7.323	6.531	7.146
170.0	7.563	7.646	7.708	7.698	7.677	7.677	7.563	7.344	6.490	7.146
170.5	7.604	7.688	7.740	7.708	7.667	7.688	7.583	7.365	6.458	7.156
171.0	7.667	7.719	7.781	7.719	7.656	7.688	7.615	7.375	6.427	7.156
171.5	7.719	7.750	7.813	7.729	7.635	7.698	7.635	7.396	6.396	7.156
172.0	7.740	7.750	7.823	7.740	7.625	7.698	7.656	7.417	6.365	7.167
172.5	7.740	7.760	7.813	7.750	7.615	7.708	7.677	7.427	6.333	7.167
173.0	7.750	7.771	7.813	7.760	7.604	7.708	7.708	7.448	6.302	7.167
173.5	7.771	7.792	7.813	7.771	7.583	7.719	7.729	7.469	6.260	7.167
174.0	7.781	7.833	7.813	7.781	7.573	7.719	7.750	7.490	6.229	7.177
174.5	7.792	7.865	7.823	7.792	7.563	7.729	7.781	7.500	6.198	7.177
175.0	7.802	7.896	7.823	7.802	7.552	7.729	7.802	7.521	6.167	7.177
175.5	7.792	7.927	7.823	7.813	7.531	7.729	7.823	7.542	6.135	7.188
176.0	7.760	7.969	7.823	7.823	7.521	7.740	7.844	7.563	6.104	7.188
176.5	7.740	8.000	7.823	7.833	7.510	7.740	7.875	7.573	6.073	7.188
177.0	7.708	8.031	7.823	7.844	7.500	7.750	7.896	7.594	6.031	7.188
177.5	7.677	8.063	7.823	7.854	7.490	7.750	7.917	7.615	6.000	7.198
178.0	7.646	8.104	7.823	7.865	7.469	7.760	7.938	7.635	5.969	7.198
178.5	7.615	8.135	7.823	7.875	7.458	7.760	7.969	7.646	5.938	7.198
179.0	7.583	8.167	7.823	7.885	7.448	7.771	7.990	7.667	5.906	7.198
179.5	7.563	8.198	7.823	7.896	7.438	7.771	8.010	7.688	5.875	7.208
180.0	7.125	7.125	7.125	7.125	7.125	7.125	7.125	7.125	7.125	7.125

**Vert. Horizontal Angles**

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0.0	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836	9778.836
0.5	9777.024	9777.263	9776.795	9777.295	9777.076	9776.940	9777.586
1.0	9774.399	9775.118	9774.722	9775.190	9775.722	9776.420	9775.586
1.5	9771.347	9770.795	9771.368	9771.399	9772.701	9773.826	9773.315
2.0	9767.034	9767.493	9767.326	9767.784	9770.086	9770.003	9768.774
2.5	9762.711	9762.690	9763.451	9763.201	9765.774	9765.888	9765.118
3.0	9757.836	9758.305	9758.524	9758.368	9761.899	9761.024	9760.336
3.5	9753.409	9753.253	9751.670	9752.586	9756.159	9756.243	9755.711
4.0	9745.430	9746.711	9745.190	9746.743	9750.347	9750.159	9749.920
4.5	9738.805	9739.711	9740.888	9740.034	9743.086	9743.190	9743.524
5.0	9729.357	9731.055	9732.993	9732.128	9734.513	9736.670	9735.638
5.5	9722.815	9722.357	9723.836	9724.951	9726.565	9729.638	9727.295
6.0	9713.253	9713.055	9713.982	9716.086	9717.243	9720.597	9718.409
6.5	9703.513	9703.555	9703.513	9706.649	9707.170	9711.503	9708.836
7.0	9692.868	9692.815	9692.420	9695.701	9697.961	9701.326	9699.659
7.5	9682.055	9681.451	9684.118	9685.045	9687.378	9690.451	9688.732
8.0	9670.701	9669.180	9670.336	9673.305	9676.618	9678.690	9678.315
8.5	9656.482	9657.107	9654.378	9659.972	9665.180	9666.545	9666.576
9.0	9644.055	9645.045	9643.430	9647.649	9651.961	9653.274	9653.524
9.5	9629.420	9631.295	9631.190	9633.263	9637.753	9639.076	9639.899
10.0	9614.513	9616.607	9617.128	9618.607	9623.222	9624.951	9625.982
10.5	9599.295	9601.815	9601.534	9603.690	9607.597	9611.076	9610.670
11.0	9584.149	9585.034	9584.180	9588.847	9592.482	9595.472	9595.618
11.5	9567.003	9569.920	9567.347	9572.847	9574.972	9580.857	9579.763

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**CANDELA TABULATION - (Cont.)**

12.0	9549.992	9552.253	9551.180	9556.597	9560.493	9564.482	9563.951
12.5	9532.992	9534.711	9533.888	9536.972	9541.972	9546.680	9546.472
13.0	9515.524	9516.409	9517.805	9517.972	9525.451	9528.170	9528.597
13.5	9493.992	9497.503	9496.451	9498.920	9504.795	9508.909	9510.420
14.0	9475.003	9477.503	9477.576	9479.701	9485.680	9487.513	9491.076
14.5	9454.753	9457.909	9456.409	9460.315	9465.940	9468.065	9470.336
15.0	9435.253	9437.784	9436.315	9439.222	9444.982	9447.399	9450.503
15.5	9412.065	9416.545	9414.972	9417.815	9423.451	9427.284	9429.305
16.0	9389.492	9393.451	9392.617	9395.461	9401.211	9405.357	9407.545
16.5	9366.899	9370.701	9369.920	9372.680	9376.617	9383.253	9384.503
17.0	9343.742	9345.920	9345.555	9348.711	9353.524	9360.201	9361.201
17.5	9318.972	9322.201	9318.690	9322.576	9330.649	9335.982	9337.482
18.0	9296.117	9296.795	9295.388	9298.836	9306.576	9309.586	9311.545
18.5	9269.305	9273.659	9270.690	9275.044	9280.190	9285.274	9286.378
19.0	9240.586	9243.867	9242.992	9246.472	9254.784	9258.805	9261.388
19.5	9213.586	9216.784	9217.461	9218.940	9226.961	9231.034	9234.680
20.0	9187.211	9190.378	9188.888	9192.669	9200.742	9205.815	9206.253
20.5	9157.534	9162.492	9159.367	9164.826	9171.722	9178.013	9179.201
21.0	9130.565	9131.961	9130.909	9135.367	9143.013	9148.753	9150.972
21.5	9100.992	9100.159	9101.732	9105.815	9111.940	9121.669	9121.597
22.0	9071.753	9074.638	9070.378	9075.878	9083.982	9091.722	9091.878
22.5	9039.607	9041.982	9040.857	9043.367	9051.992	9059.680	9061.492
23.0	9007.399	9011.284	9010.201	9011.378	9021.597	9026.857	9030.513
23.5	8975.576	8978.003	8975.815	8978.346	8987.149	8995.294	8998.388
24.0	8941.388	8944.503	8943.846	8945.336	8953.836	8960.951	8965.680
24.5	8908.274	8912.492	8910.524	8913.471	8922.784	8930.180	8933.638
25.0	8875.471	8876.732	8875.992	8880.242	8888.899	8896.430	8898.742
25.5	8837.888	8840.149	8840.409	8845.971	8850.628	8861.482	8864.065
26.0	8803.430	8804.180	8802.909	8808.253	8816.294	8825.940	8829.149
26.5	8766.721	8767.940	8766.461	8774.055	8779.055	8788.169	8793.107
27.0	8728.701	8730.388	8730.690	8738.221	8742.503	8751.805	8755.951
27.5	8691.951	8694.430	8693.711	8699.721	8704.242	8713.357	8719.961
28.0	8654.190	8658.190	8653.930	8663.096	8670.388	8675.711	8682.826
28.5	8615.784	8616.680	8616.617	8623.294	8631.409	8637.055	8643.013
29.0	8573.846	8577.576	8576.034	8583.159	8590.107	8596.607	8602.763
29.5	8536.190	8536.857	8535.721	8540.721	8551.701	8558.586	8563.982
30.0	8493.878	8494.753	8495.242	8501.211	8508.909	8517.888	8521.763
30.5	8452.753	8452.836	8453.794	8459.815	8467.482	8475.482	8480.898
31.0	8410.367	8411.325	8409.628	8416.159	8426.107	8434.336	8439.888
31.5	8367.492	8366.878	8367.430	8373.471	8384.409	8392.325	8396.898
32.0	8324.346	8322.378	8324.128	8330.482	8338.700	8348.961	8352.596
32.5	8280.325	8277.003	8277.169	8284.742	8292.555	8303.294	8308.013
33.0	8233.878	8232.690	8235.367	8238.440	8247.711	8259.513	8263.888
33.5	8186.721	8188.221	8187.492	8194.617	8204.138	8213.263	8218.013
34.0	8140.315	8142.534	8143.242	8148.877	8157.930	8166.805	8171.180
34.5	8094.065	8091.919	8095.919	8100.846	8110.732	8120.825	8125.471
35.0	8046.430	8045.325	8046.857	8052.784	8064.586	8074.794	8079.117
35.5	7996.419	7997.190	7997.575	8003.523	8013.784	8023.711	8030.002
36.0	7945.992	7949.815	7949.138	7954.909	7963.773	7974.544	7981.055
36.5	7898.138	7899.419	7899.034	7905.054	7915.471	7928.294	7932.388
37.0	7847.648	7848.148	7848.596	7853.950	7865.763	7876.940	7880.763
37.5	7795.898	7798.607	7796.617	7802.732	7812.607	7826.565	7829.742
38.0	7743.617	7748.523	7746.054	7752.815	7761.742	7773.357	7779.513
38.5	7691.825	7695.107	7693.450	7701.398	7710.304	7719.659	7727.513
39.0	7638.648	7640.461	7639.836	7648.502	7656.940	7668.659	7672.711
39.5	7583.825	7586.523	7585.356	7593.284	7602.346	7614.294	7618.606

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**CANDELA TABULATION - (Cont.)**

40.0	7530.065	7531.638	7531.690	7538.971	7550.200	7561.336	7566.054
40.5	7475.002	7476.419	7476.544	7485.159	7495.325	7505.961	7510.367
41.0	7418.679	7420.606	7419.784	7426.856	7439.242	7450.575	7454.784
41.5	7361.596	7362.763	7359.179	7371.169	7380.034	7394.961	7399.804
42.0	7302.606	7305.669	7305.325	7312.669	7324.971	7337.961	7340.992
42.5	7244.836	7247.106	7247.961	7256.950	7265.158	7281.981	7282.273
43.0	7185.888	7188.940	7190.252	7196.638	7206.815	7221.044	7225.679
43.5	7128.450	7129.200	7130.033	7136.315	7149.106	7162.086	7165.825
44.0	7069.856	7070.252	7072.471	7073.908	7090.617	7106.367	7106.013
44.5	7009.460	7009.096	7012.669	7015.242	7030.992	7042.460	7045.481
45.0	6943.752	6946.585	6947.398	6954.346	6968.283	6980.710	6985.554
45.5	6882.335	6884.096	6884.700	6891.700	6908.210	6918.617	6924.023
46.0	6818.971	6823.648	6824.492	6829.169	6843.252	6856.106	6860.346
46.5	6756.429	6760.085	6759.315	6764.617	6779.210	6793.210	6797.575
47.0	6690.283	6693.950	6697.273	6703.148	6714.887	6731.721	6734.075
47.5	6627.585	6629.742	6630.731	6638.398	6653.533	6665.054	6668.783
48.0	6561.867	6561.627	6566.544	6571.804	6584.460	6600.533	6603.200
48.5	6496.929	6495.075	6498.439	6505.981	6519.908	6533.179	6537.950
49.0	6428.012	6430.158	6431.846	6440.023	6452.210	6467.054	6469.075
49.5	6363.908	6361.814	6363.137	6373.096	6385.419	6398.856	6401.585
50.0	6293.721	6293.169	6295.137	6304.169	6317.148	6330.721	6334.419
50.5	6223.835	6225.648	6225.804	6235.658	6248.898	6261.523	6265.721
51.0	6152.023	6156.825	6157.012	6165.314	6177.950	6193.877	6197.012
51.5	6087.866	6086.377	6086.741	6095.169	6107.564	6122.585	6125.325
52.0	6012.596	6011.544	6014.512	6024.294	6036.377	6054.044	6055.491
52.5	5941.585	5939.179	5941.991	5952.335	5966.523	5980.210	5984.304
53.0	5867.960	5867.762	5870.866	5882.075	5893.960	5909.502	5911.939
53.5	5793.314	5798.283	5799.793	5806.502	5819.221	5834.877	5840.783
54.0	5720.991	5724.762	5725.450	5734.439	5749.106	5762.971	5765.533
54.5	5646.950	5650.523	5651.043	5661.512	5672.877	5690.158	5689.689
55.0	5572.304	5572.804	5575.970	5586.210	5594.616	5612.887	5615.773
55.5	5494.658	5497.189	5498.929	5508.502	5520.418	5536.283	5540.762
56.0	5419.304	5417.418	5424.627	5428.970	5445.772	5462.606	5463.814
56.5	5341.106	5344.762	5345.387	5356.075	5368.543	5386.595	5385.918
57.0	5262.981	5265.835	5268.783	5281.314	5292.200	5308.293	5309.585
57.5	5183.210	5189.950	5190.762	5200.929	5215.231	5232.022	5230.772
58.0	5103.356	5109.241	5112.314	5121.637	5136.460	5149.835	5151.324
58.5	5024.783	5028.231	5032.210	5041.991	5052.835	5068.127	5072.043
59.0	4943.699	4948.647	4952.418	4962.668	4971.502	4988.522	4992.491
59.5	4863.137	4868.564	4873.658	4882.147	4895.022	4909.137	4909.856
60.0	4779.231	4784.762	4791.064	4802.231	4815.199	4829.147	4828.314
60.5	4696.981	4702.314	4707.324	4718.324	4729.772	4742.585	4747.220
61.0	4615.178	4618.908	4626.262	4636.918	4650.501	4663.064	4664.054
61.5	4530.710	4534.668	4542.866	4550.595	4567.574	4579.897	4580.231
62.0	4446.251	4451.189	4457.908	4464.168	4478.501	4494.168	4494.470
62.5	4361.033	4365.262	4374.022	4380.835	4395.199	4410.803	4410.856
63.0	4274.824	4280.585	4285.939	4296.772	4311.147	4325.116	4325.772
63.5	4191.730	4195.460	4202.741	4212.262	4222.741	4239.033	4240.866
64.0	4104.001	4107.970	4114.449	4124.939	4136.876	4153.449	4154.814
64.5	4015.376	4022.605	4027.835	4038.793	4052.824	4065.762	4067.168
65.0	3928.585	3935.210	3939.918	3948.595	3964.522	3976.824	3977.355
65.5	3841.032	3844.137	3851.105	3861.730	3875.897	3884.762	3875.845
66.0	3750.782	3757.251	3763.959	3772.626	3786.376	3780.272	3766.001
66.5	3661.512	3671.012	3676.532	3685.501	3694.272	3667.657	3655.584
67.0	3572.616	3581.001	3588.553	3596.782	3583.251	3553.803	3545.345
67.5	3481.761	3489.126	3497.032	3505.001	3467.282	3442.230	3428.699

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68.0	3391.678	3398.314	3404.522	3415.136	3355.657	3318.241	3297.980
68.5	3299.647	3305.939	3315.907	3308.126	3237.220	3200.866	3199.230
69.0	3209.157	3216.438	3223.511	3189.938	3110.699	3111.313	3109.043
69.5	3114.470	3124.178	3134.376	3075.001	3012.803	3017.897	3003.761
70.0	3027.553	3031.022	3039.813	2955.886	2927.282	2913.272	2893.949
70.5	2931.178	2940.053	2948.782	2832.876	2824.730	2795.563	2786.980
71.0	2828.397	2847.324	2836.345	2735.563	2710.386	2685.886	2665.022
71.5	2699.845	2754.855	2715.084	2647.522	2596.053	2555.990	2543.157
72.0	2548.022	2662.272	2592.220	2548.147	2470.897	2458.220	2453.501
72.5	2412.011	2567.678	2468.230	2429.386	2363.074	2362.449	2347.449
73.0	2313.022	2475.105	2374.688	2313.324	2276.469	2253.178	2237.563
73.5	2222.167	2368.324	2285.990	2186.261	2169.074	2144.063	2129.199
74.0	2135.709	2223.782	2188.553	2099.324	2056.001	2022.292	2012.626
74.5	2048.969	2049.094	2064.438	2006.792	1934.386	1931.178	1915.813
75.0	1961.740	1905.886	1940.396	1890.094	1842.396	1828.188	1811.511
75.5	1874.011	1804.438	1840.198	1771.094	1741.615	1724.126	1710.167
76.0	1767.501	1709.938	1727.271	1671.251	1640.844	1620.063	1598.844
76.5	1660.990	1615.438	1614.355	1571.417	1540.063	1516.000	1498.625
77.0	1554.469	1520.938	1501.438	1471.584	1439.292	1411.938	1397.198
77.5	1447.959	1426.428	1388.521	1373.365	1338.105	1308.636	1294.032
78.0	1340.761	1332.448	1275.740	1295.542	1230.802	1221.563	1198.917
78.5	1223.188	1248.563	1168.521	1179.105	1145.917	1123.011	1097.855
79.0	1147.584	1109.886	1076.354	1088.854	1040.146	1030.323	1007.636
79.5	1067.594	982.782	1002.375	1000.563	963.198	934.052	911.896
80.0	977.115	912.261	887.552	897.594	852.490	843.032	820.875
80.5	834.490	808.073	820.979	781.688	773.865	750.615	729.886
81.0	755.667	741.375	703.896	684.219	684.229	668.594	648.646
81.5	674.406	635.948	613.521	593.979	596.719	584.584	567.573
82.0	592.719	550.042	528.854	518.761	519.479	505.761	486.490
82.5	501.292	472.719	454.344	452.563	445.906	428.729	405.406
83.0	428.500	403.583	381.156	377.594	369.271	360.417	339.031
83.5	350.052	327.073	302.969	297.344	303.854	294.813	275.406
84.0	293.573	274.979	252.490	245.917	249.167	241.365	220.219
84.5	237.094	222.896	202.000	194.479	194.479	187.917	165.740
85.0	180.615	170.802	151.500	143.052	139.792	134.469	114.573
85.5	124.135	118.708	101.823	91.927	85.375	81.677	69.021
86.0	70.031	68.365	83.146	53.604	45.594	39.792	56.052
86.5	54.135	52.938	64.469	43.760	37.458	32.781	44.844
87.0	38.229	37.510	45.792	33.917	29.323	25.771	33.625
87.5	22.323	22.073	27.115	24.073	21.177	18.760	22.417
88.0	6.979	7.167	8.813	14.229	13.042	11.750	11.208
88.5	1.698	2.677	3.990	4.698	5.094	4.823	8.927
89.0	1.083	1.271	1.635	2.250	2.948	3.406	6.906
89.5	0.917	0.938	1.042	1.260	1.406	1.510	4.885
90.0	0.948	0.938	0.917	0.906	0.896	0.979	2.865
90.5	0.979	0.969	0.958	0.927	0.896	0.885	0.844
91.0	1.021	1.010	0.990	0.969	0.938	0.917	0.781
91.5	1.063	1.052	1.031	1.010	0.979	0.958	0.813
92.0	1.104	1.094	1.073	1.052	1.021	1.000	0.854
92.5	1.146	1.135	1.115	1.094	1.063	1.042	0.885
93.0	1.188	1.177	1.167	1.135	1.104	1.083	0.927
93.5	1.240	1.229	1.208	1.177	1.146	1.125	0.969
94.0	1.281	1.271	1.250	1.219	1.188	1.167	1.000
94.5	1.323	1.313	1.292	1.260	1.240	1.208	1.042
95.0	1.365	1.354	1.333	1.313	1.281	1.260	1.083
95.5	1.406	1.396	1.375	1.354	1.323	1.302	1.125

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**CANDELA TABULATION - (Cont.)**

96.0	1.448	1.438	1.417	1.396	1.365	1.344	1.156
96.5	1.490	1.479	1.469	1.438	1.417	1.385	1.198
97.0	1.531	1.531	1.510	1.490	1.458	1.427	1.229
97.5	1.573	1.573	1.552	1.531	1.500	1.469	1.260
98.0	1.615	1.615	1.594	1.583	1.542	1.510	1.292
98.5	1.646	1.656	1.646	1.625	1.583	1.552	1.333
99.0	1.688	1.688	1.688	1.667	1.625	1.604	1.365
99.5	1.729	1.740	1.740	1.719	1.677	1.656	1.396
100.0	1.781	1.781	1.792	1.760	1.729	1.708	1.427
100.5	1.823	1.833	1.844	1.813	1.781	1.760	1.458
101.0	1.875	1.885	1.885	1.865	1.833	1.813	1.490
101.5	1.927	1.938	1.938	1.927	1.885	1.865	1.521
102.0	1.979	2.000	1.990	1.979	1.948	1.917	1.552
102.5	2.042	2.052	2.042	2.042	2.000	1.979	1.594
103.0	2.094	2.104	2.104	2.104	2.063	2.042	1.625
103.5	2.156	2.156	2.156	2.156	2.115	2.104	1.656
104.0	2.208	2.219	2.219	2.219	2.177	2.156	1.698
104.5	2.271	2.271	2.271	2.281	2.240	2.219	1.729
105.0	2.323	2.333	2.323	2.333	2.292	2.281	1.771
105.5	2.385	2.385	2.385	2.396	2.344	2.333	1.802
106.0	2.438	2.438	2.438	2.438	2.396	2.385	1.844
106.5	2.490	2.479	2.479	2.479	2.427	2.427	1.875
107.0	2.542	2.531	2.531	2.521	2.469	2.458	1.906
107.5	2.583	2.573	2.573	2.552	2.500	2.479	1.938
108.0	2.625	2.604	2.604	2.583	2.521	2.500	1.969
108.5	2.667	2.646	2.646	2.615	2.552	2.531	2.000
109.0	2.698	2.688	2.677	2.635	2.573	2.563	2.031
109.5	2.719	2.719	2.708	2.667	2.604	2.594	2.073
110.0	2.760	2.750	2.740	2.698	2.635	2.625	2.104
110.5	2.792	2.792	2.760	2.719	2.667	2.656	2.146
111.0	2.833	2.823	2.792	2.750	2.698	2.688	2.188
111.5	2.865	2.854	2.823	2.781	2.729	2.719	2.240
112.0	2.896	2.896	2.854	2.813	2.760	2.760	2.281
112.5	2.927	2.927	2.875	2.844	2.792	2.792	2.313
113.0	2.958	2.958	2.906	2.875	2.823	2.823	2.344
113.5	2.990	2.990	2.927	2.896	2.854	2.865	2.396
114.0	3.021	3.021	2.958	2.927	2.885	2.896	2.448
114.5	3.052	3.042	2.979	2.969	2.927	2.927	2.500
115.0	3.083	3.073	3.010	3.000	2.969	2.969	2.552
115.5	3.104	3.104	3.031	3.031	3.000	3.010	2.594
116.0	3.135	3.125	3.063	3.063	3.042	3.052	2.635
116.5	3.167	3.156	3.083	3.104	3.073	3.094	2.677
117.0	3.198	3.177	3.115	3.146	3.125	3.125	2.729
117.5	3.229	3.208	3.146	3.188	3.167	3.167	2.781
118.0	3.250	3.229	3.177	3.229	3.208	3.219	2.833
118.5	3.281	3.260	3.208	3.271	3.250	3.271	2.875
119.0	3.302	3.292	3.240	3.313	3.292	3.323	2.927
119.5	3.333	3.333	3.281	3.354	3.344	3.385	2.969
120.0	3.365	3.365	3.323	3.396	3.396	3.427	3.021
120.5	3.396	3.396	3.375	3.438	3.448	3.469	3.073
121.0	3.427	3.427	3.417	3.469	3.490	3.510	3.125
121.5	3.458	3.458	3.469	3.490	3.531	3.563	3.177
122.0	3.500	3.479	3.510	3.510	3.573	3.604	3.229
122.5	3.542	3.510	3.542	3.531	3.604	3.656	3.271
123.0	3.583	3.552	3.583	3.573	3.646	3.708	3.323
123.5	3.625	3.604	3.615	3.615	3.698	3.760	3.375

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL HI 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

124.0	3.677	3.656	3.667	3.677	3.760	3.813	3.417
124.5	3.729	3.719	3.719	3.750	3.833	3.865	3.458
125.0	3.781	3.781	3.771	3.833	3.906	3.938	3.510
125.5	3.844	3.865	3.823	3.917	3.979	4.000	3.573
126.0	3.917	3.938	3.896	3.990	4.052	4.073	3.646
126.5	4.000	4.021	3.969	4.073	4.135	4.156	3.688
127.0	4.083	4.094	4.052	4.156	4.198	4.229	3.740
127.5	4.177	4.167	4.146	4.240	4.271	4.313	3.792
128.0	4.260	4.240	4.219	4.333	4.344	4.396	3.833
128.5	4.354	4.323	4.292	4.417	4.417	4.469	3.865
129.0	4.448	4.396	4.354	4.510	4.510	4.542	3.896
129.5	4.531	4.469	4.417	4.594	4.594	4.615	3.938
130.0	4.583	4.542	4.490	4.677	4.677	4.698	3.979
130.5	4.635	4.615	4.563	4.760	4.760	4.792	4.042
131.0	4.688	4.698	4.646	4.833	4.844	4.875	4.125
131.5	4.760	4.781	4.740	4.917	4.927	4.948	4.198
132.0	4.833	4.875	4.854	5.000	5.010	5.031	4.271
132.5	4.917	4.958	4.990	5.094	5.094	5.104	4.333
133.0	5.021	5.042	5.125	5.177	5.188	5.188	4.385
133.5	5.115	5.135	5.250	5.271	5.271	5.281	4.448
134.0	5.219	5.219	5.375	5.365	5.365	5.365	4.500
134.5	5.333	5.313	5.479	5.469	5.458	5.458	4.552
135.0	5.448	5.406	5.583	5.563	5.542	5.542	4.594
135.5	5.552	5.490	5.667	5.646	5.625	5.625	4.635
136.0	5.646	5.573	5.740	5.719	5.708	5.719	4.667
136.5	5.740	5.656	5.802	5.792	5.781	5.792	4.698
137.0	5.833	5.740	5.865	5.854	5.854	5.833	4.740
137.5	5.917	5.823	5.927	5.917	5.917	5.865	4.792
138.0	5.990	5.896	5.990	5.990	5.969	5.896	4.854
138.5	6.052	5.979	6.052	6.052	6.021	5.938	4.906
139.0	6.115	6.063	6.135	6.115	6.083	6.010	4.948
139.5	6.167	6.146	6.208	6.188	6.156	6.094	4.990
140.0	6.229	6.208	6.281	6.250	6.240	6.188	5.031
140.5	6.292	6.281	6.344	6.313	6.323	6.281	5.073
141.0	6.365	6.344	6.417	6.385	6.417	6.365	5.115
141.5	6.438	6.427	6.479	6.458	6.500	6.438	5.156
142.0	6.531	6.490	6.542	6.531	6.594	6.510	5.188
142.5	6.615	6.563	6.604	6.604	6.677	6.583	5.208
143.0	6.698	6.635	6.656	6.677	6.750	6.646	5.240
143.5	6.760	6.708	6.708	6.740	6.813	6.688	5.250
144.0	6.823	6.781	6.771	6.781	6.854	6.719	5.260
144.5	6.885	6.844	6.833	6.823	6.896	6.760	5.281
145.0	6.948	6.906	6.875	6.875	6.938	6.833	5.292
145.5	6.979	6.969	6.906	6.917	6.990	6.938	5.302
146.0	7.010	7.031	6.938	6.979	7.052	7.031	5.313
146.5	7.042	7.083	6.979	7.031	7.115	7.104	5.323
147.0	7.083	7.115	7.021	7.094	7.198	7.156	5.333
147.5	7.115	7.146	7.073	7.146	7.260	7.208	5.344
148.0	7.135	7.177	7.125	7.198	7.313	7.250	5.365
148.5	7.156	7.198	7.167	7.260	7.344	7.292	5.375
149.0	7.167	7.240	7.198	7.323	7.365	7.333	5.385
149.5	7.167	7.271	7.240	7.385	7.396	7.365	5.385
150.0	7.167	7.302	7.281	7.438	7.417	7.406	5.385
150.5	7.156	7.323	7.323	7.479	7.448	7.448	5.385
151.0	7.156	7.333	7.365	7.521	7.469	7.479	5.375
151.5	7.146	7.344	7.417	7.563	7.500	7.521	5.375

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL HI 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

152.0	7.146	7.344	7.458	7.604	7.531	7.552	5.354
152.5	7.146	7.344	7.500	7.646	7.552	7.594	5.344
153.0	7.156	7.333	7.542	7.688	7.583	7.625	5.333
153.5	7.167	7.333	7.583	7.729	7.604	7.667	5.333
154.0	7.167	7.333	7.625	7.771	7.635	7.698	5.344
154.5	7.167	7.323	7.667	7.823	7.656	7.740	5.365
155.0	7.167	7.323	7.708	7.865	7.688	7.771	5.396
155.5	7.167	7.323	7.750	7.906	7.708	7.813	5.417
156.0	7.156	7.313	7.792	7.948	7.740	7.844	5.438
156.5	7.156	7.313	7.833	7.990	7.760	7.885	5.469
157.0	7.146	7.313	7.875	8.031	7.792	7.917	5.510
157.5	7.135	7.302	7.917	8.073	7.813	7.958	5.552
158.0	7.135	7.302	7.958	8.115	7.844	7.990	5.594
158.5	7.125	7.302	8.000	8.156	7.865	8.031	5.646
159.0	7.115	7.292	8.042	8.198	7.896	8.063	5.698
159.5	7.104	7.292	8.083	8.240	7.917	8.104	5.729
160.0	7.104	7.292	8.125	8.281	7.948	8.135	5.771
160.5	7.094	7.281	8.167	8.323	7.969	8.177	5.802
161.0	7.083	7.281	8.219	8.365	8.000	8.208	5.813
161.5	7.083	7.281	8.260	8.406	8.021	8.250	5.813
162.0	7.073	7.271	8.302	8.448	8.052	8.292	5.844
162.5	7.063	7.271	8.344	8.490	8.073	8.323	5.875
163.0	7.052	7.271	8.385	8.531	8.104	8.365	5.906
163.5	7.052	7.260	8.427	8.573	8.135	8.396	5.927
164.0	7.042	7.260	8.469	8.615	8.156	8.438	5.948
164.5	7.031	7.260	8.510	8.656	8.188	8.469	5.990
165.0	7.031	7.250	8.552	8.698	8.208	8.510	6.052
165.5	7.021	7.250	8.594	8.740	8.240	8.542	6.125
166.0	7.010	7.250	8.635	8.781	8.260	8.583	6.188
166.5	7.000	7.250	8.677	8.823	8.292	8.615	6.229
167.0	7.000	7.240	8.719	8.865	8.313	8.656	6.281
167.5	6.990	7.240	8.760	8.906	8.344	8.688	6.344
168.0	6.979	7.240	8.802	8.948	8.365	8.729	6.427
168.5	6.979	7.229	8.844	8.990	8.396	8.760	6.479
169.0	6.969	7.229	8.885	9.031	8.417	8.802	6.510
169.5	6.958	7.229	8.927	9.073	8.448	8.833	6.531
170.0	6.958	7.219	8.979	9.115	8.469	8.875	6.531
170.5	6.948	7.219	9.021	9.156	8.500	8.906	6.531
171.0	6.938	7.219	9.063	9.198	8.521	8.948	6.542
171.5	6.927	7.208	9.104	9.240	8.552	8.979	6.573
172.0	6.927	7.208	9.146	9.281	8.573	9.021	6.646
172.5	6.917	7.208	9.188	9.323	8.604	9.052	6.708
173.0	6.906	7.198	9.229	9.365	8.625	9.094	6.813
173.5	6.906	7.198	9.271	9.417	8.656	9.135	6.958
174.0	6.896	7.198	9.313	9.458	8.677	9.167	7.104
174.5	6.885	7.188	9.354	9.500	8.708	9.208	7.229
175.0	6.875	7.188	9.396	9.542	8.740	9.240	7.292
175.5	6.875	7.188	9.438	9.583	8.760	9.281	7.344
176.0	6.865	7.177	9.479	9.625	8.792	9.313	7.396
176.5	6.854	7.177	9.521	9.667	8.813	9.354	7.427
177.0	6.854	7.177	9.563	9.708	8.844	9.385	7.427
177.5	6.844	7.167	9.604	9.750	8.865	9.427	7.396
178.0	6.833	7.167	9.646	9.792	8.896	9.458	7.344
178.5	6.823	7.167	9.688	9.833	8.917	9.500	7.292
179.0	6.823	7.156	9.740	9.875	8.948	9.531	7.292
179.5	6.813	7.156	9.781	9.917	8.969	9.573	7.302

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL HI 5 UV CL 850.IES**

**CANDELA TABULATION - (Cont.)**

<b>180.0</b>	7.125	7.125	7.125	7.125	7.125	7.125	7.125
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**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL HI 5 UV CL 850.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	3604.33	N.A.	12.10
0-30	7727.93	N.A.	26.00
0-40	12816.36	N.A.	43.20
0-60	23310.7	N.A.	78.50
0-80	29339.74	N.A.	98.90
0-90	29654.44	N.A.	99.90
10-90	28727.37	N.A.	96.80
20-40	9212.03	N.A.	31.00
20-50	14643.15	N.A.	49.30
40-70	14449.23	N.A.	48.70
60-80	6029.04	N.A.	20.30
70-80	2074.15	N.A.	7.00
80-90	314.70	N.A.	1.10
90-110	3.54	N.A.	0.00
90-120	6.31	N.A.	0.00
90-130	9.58	N.A.	0.00
90-150	17.13	N.A.	0.10
90-180	22.67	N.A.	0.10
110-180	19.13	N.A.	0.10
0-180	29677.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	927.07
10-20	2677.26
20-30	4123.6
30-40	5088.43
40-50	5431.11
50-60	5063.22
60-70	3954.89
70-80	2074.15
80-90	314.70
90-100	1.37
100-110	2.17
110-120	2.77
120-130	3.27
130-140	3.79
140-150	3.75
150-160	2.94
160-170	1.91
170-180	0.69

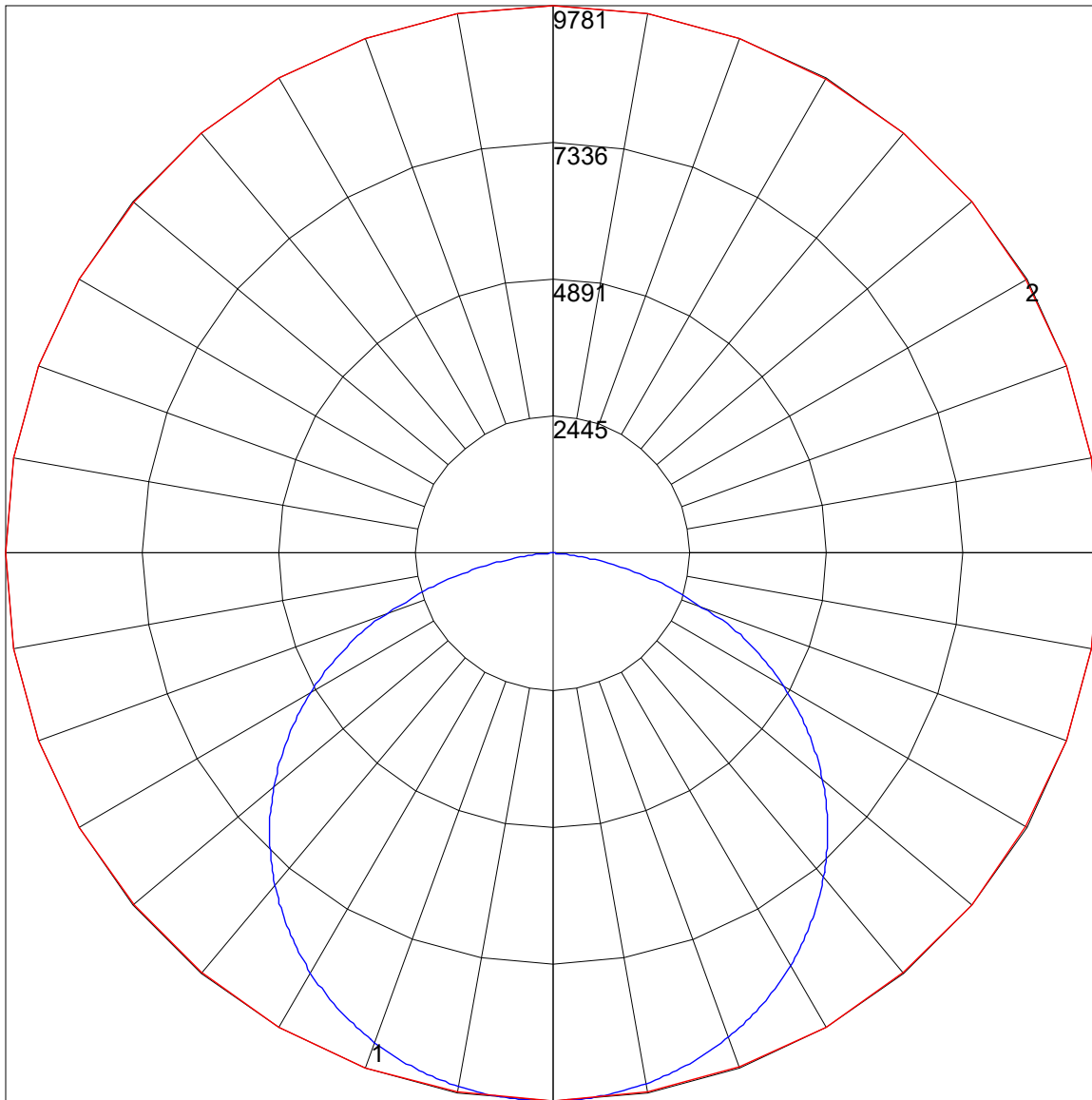
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : GSL HI 5 UV CL 850.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	96	106	102	98	94	98	94	91	94	91	89	90	88	86	84
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	69
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	34	32
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	25	37	30	25	36	30	25	35	29	25	23

POLAR GRAPH



Maximum Candela = 9781.42 Located At Horizontal Angle = 100, Vertical Angle = 1.5  
# 1 - Vertical Plane Through Horizontal Angles (100 - 280) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1.5) (Through Max. Cd.)