



IES INDOOR REPORT

PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]
 [TESTLAB]
 [TESTDATE] 2017-07-11
 [ISSUEDATE] 2017-07-20 09:48:04
 [NEARFIELD]
 [LAMPPOSITION] 0,0
 [OTHER]
 [MANUFAC] BEGHELLI
 [LUMINAIRE] NUVHTHOWT30VWD120-277V
 [LAMP] 3000K Ra80

CHARACTERISTICS

Lumens Per Lamp	30271 (1 lamp)
Total Lamp Lumens	30271
Luminaire Lumens	30271
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	234.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.24 m (Diameter)
Luminous Width (90-270)	0.24 m (Diameter)
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	235102	235114	235121
55	224117	224060	224176
65	191375	191141	191103
75	115028	114321	114437
85	3319	3810	4302

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CANDELA TABULATION

	<u>0.0</u>	<u>2.5</u>	<u>5.0</u>	<u>7.5</u>	<u>10.0</u>	<u>12.5</u>	<u>15.0</u>	<u>17.5</u>	<u>20.0</u>	<u>22.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10913.77	10913.85	10913.96	10914.09	10914.23	10914.35	10914.46	10914.43	10914.37	10914.30
1.0	10911.99	10912.12	10912.29	10912.49	10912.69	10912.89	10913.05	10913.01	10912.93	10912.83
1.5	10909.63	10909.75	10909.91	10910.10	10910.30	10910.49	10910.65	10910.63	10910.57	10910.50
2.0	10906.56	10906.66	10906.79	10906.95	10907.11	10907.27	10907.41	10907.40	10907.38	10907.33
2.5	10902.66	10902.76	10902.90	10903.05	10903.20	10903.35	10903.47	10903.45	10903.40	10903.34
3.0	10897.94	10898.06	10898.21	10898.37	10898.53	10898.67	10898.79	10898.74	10898.67	10898.57
3.5	10892.37	10892.52	10892.69	10892.88	10893.07	10893.24	10893.38	10893.31	10893.21	10893.09
4.0	10886.01	10886.17	10886.37	10886.58	10886.80	10887.00	10887.16	10887.09	10886.99	10886.85
4.5	10878.87	10879.01	10879.19	10879.40	10879.62	10879.82	10880.00	10879.98	10879.92	10879.84
5.0	10871.04	10871.16	10871.32	10871.51	10871.72	10871.92	10872.10	10872.12	10872.11	10872.09
5.5	10862.73	10862.84	10862.99	10863.16	10863.34	10863.51	10863.67	10863.67	10863.65	10863.61
6.0	10853.65	10853.77	10853.92	10854.08	10854.25	10854.40	10854.54	10854.52	10854.47	10854.40
6.5	10843.54	10843.69	10843.88	10844.08	10844.28	10844.47	10844.64	10844.62	10844.56	10844.48
7.0	10832.59	10832.78	10833.00	10833.24	10833.49	10833.71	10833.91	10833.88	10833.82	10833.72
7.5	10821.02	10821.21	10821.44	10821.68	10821.92	10822.13	10822.31	10822.24	10822.13	10821.99
8.0	10808.55	10808.74	10808.95	10809.18	10809.39	10809.59	10809.74	10809.64	10809.50	10809.33
8.5	10794.91	10795.07	10795.26	10795.46	10795.66	10795.84	10795.99	10795.91	10795.79	10795.65
9.0	10780.34	10780.48	10780.64	10780.83	10781.02	10781.19	10781.34	10781.29	10781.21	10781.11
9.5	10765.02	10765.17	10765.35	10765.54	10765.74	10765.91	10766.06	10766.02	10765.94	10765.84
10.0	10748.85	10749.02	10749.22	10749.43	10749.64	10749.82	10749.98	10749.93	10749.85	10749.75
10.5	10731.76	10731.93	10732.13	10732.35	10732.57	10732.78	10732.95	10732.91	10732.84	10732.74
11.0	10713.86	10714.03	10714.24	10714.47	10714.70	10714.91	10715.10	10715.06	10714.99	10714.90
11.5	10695.36	10695.54	10695.75	10695.97	10696.19	10696.39	10696.56	10696.49	10696.38	10696.26
12.0	10675.99	10676.18	10676.39	10676.61	10676.82	10677.00	10677.15	10677.07	10676.96	10676.83
12.5	10655.47	10655.64	10655.84	10656.04	10656.25	10656.45	10656.63	10656.66	10656.66	10656.65
13.0	10634.12	10634.28	10634.47	10634.68	10634.90	10635.13	10635.34	10635.47	10635.59	10635.69
13.5	10612.26	10612.46	10612.70	10612.95	10613.21	10613.46	10613.69	10613.81	10613.91	10613.99
14.0	10589.58	10589.85	10590.13	10590.43	10590.73	10591.00	10591.24	10591.32	10591.36	10591.37
14.5	10565.79	10566.08	10566.39	10566.72	10567.03	10567.32	10567.56	10567.60	10567.58	10567.53
15.0	10541.22	10541.52	10541.86	10542.19	10542.52	10542.82	10543.06	10543.05	10542.99	10542.89
15.5	10516.24	10516.57	10516.92	10517.27	10517.61	10517.91	10518.16	10518.13	10518.04	10517.90
16.0	10490.48	10490.81	10491.16	10491.51	10491.85	10492.15	10492.39	10492.35	10492.25	10492.11
16.5	10463.63	10463.92	10464.23	10464.54	10464.83	10465.10	10465.31	10465.27	10465.18	10465.04
17.0	10435.83	10436.08	10436.35	10436.62	10436.88	10437.11	10437.30	10437.29	10437.22	10437.13
17.5	10407.16	10407.39	10407.65	10407.92	10408.18	10408.43	10408.66	10408.73	10408.77	10408.77
18.0	10377.59	10377.83	10378.09	10378.38	10378.68	10378.96	10379.23	10379.37	10379.48	10379.56
18.5	10347.09	10347.36	10347.67	10348.01	10348.35	10348.67	10348.96	10349.05	10349.10	10349.11
19.0	10315.78	10316.08	10316.44	10316.82	10317.20	10317.56	10317.87	10317.90	10317.87	10317.79
19.5	10283.74	10284.04	10284.41	10284.81	10285.22	10285.61	10285.95	10286.01	10286.02	10285.97
20.0	10250.99	10251.28	10251.64	10252.03	10252.43	10252.82	10253.17	10253.27	10253.32	10253.31
20.5	10217.72	10217.98	10218.28	10218.59	10218.91	10219.21	10219.47	10219.52	10219.51	10219.46
21.0	10183.49	10183.73	10183.98	10184.25	10184.50	10184.73	10184.92	10184.90	10184.84	10184.74
21.5	10147.72	10147.99	10148.30	10148.64	10148.98	10149.29	10149.56	10149.56	10149.51	10149.41
22.0	10111.02	10111.33	10111.71	10112.13	10112.57	10112.98	10113.35	10113.38	10113.34	10113.25
22.5	10073.94	10074.25	10074.62	10075.04	10075.46	10075.86	10076.21	10076.21	10076.15	10076.04
23.0	10036.14	10036.43	10036.79	10037.18	10037.57	10037.94	10038.26	10038.23	10038.13	10037.99
23.5	9997.42	9997.72	9998.09	9998.49	9998.89	9999.28	9999.60	9999.54	9999.42	9999.26
24.0	9957.90	9958.20	9958.58	9958.99	9959.41	9959.81	9960.15	9960.09	9959.97	9959.79
24.5	9917.65	9917.95	9918.31	9918.71	9919.13	9919.52	9919.86	9919.86	9919.80	9919.69
25.0	9876.58	9876.86	9877.21	9877.59	9877.99	9878.37	9878.71	9878.77	9878.78	9878.74
25.5	9834.63	9834.90	9835.23	9835.60	9835.99	9836.35	9836.68	9836.75	9836.76	9836.72
26.0	9791.74	9792.00	9792.32	9792.67	9793.04	9793.39	9793.70	9793.76	9793.77	9793.73
26.5	9747.75	9748.02	9748.33	9748.67	9749.01	9749.35	9749.65	9749.74	9749.78	9749.78

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27.0	9702.89	9703.14	9703.44	9703.76	9704.09	9704.40	9704.69	9704.80	9704.88	9704.92
27.5	9657.36	9657.58	9657.84	9658.14	9658.44	9658.73	9659.00	9659.09	9659.14	9659.16
28.0	9610.98	9611.17	9611.40	9611.67	9611.95	9612.22	9612.47	9612.54	9612.56	9612.56
28.5	9563.65	9563.82	9564.04	9564.29	9564.55	9564.81	9565.05	9565.13	9565.17	9565.19
29.0	9515.41	9515.58	9515.80	9516.05	9516.31	9516.57	9516.81	9516.90	9516.96	9516.99
29.5	9466.26	9466.45	9466.69	9466.96	9467.25	9467.53	9467.79	9467.87	9467.91	9467.92
30.0	9416.33	9416.53	9416.80	9417.10	9417.43	9417.74	9418.02	9418.07	9418.07	9418.04
30.5	9365.80	9366.04	9366.35	9366.70	9367.05	9367.38	9367.67	9367.63	9367.54	9367.41
31.0	9314.38	9314.67	9315.01	9315.39	9315.77	9316.12	9316.41	9316.31	9316.14	9315.93
31.5	9261.70	9262.01	9262.38	9262.80	9263.21	9263.60	9263.93	9263.87	9263.74	9263.56
32.0	9208.19	9208.50	9208.87	9209.29	9209.71	9210.11	9210.46	9210.46	9210.40	9210.28
32.5	9154.32	9154.57	9154.87	9155.21	9155.55	9155.88	9156.16	9156.17	9156.13	9156.04
33.0	9099.64	9099.82	9100.05	9100.30	9100.55	9100.79	9101.00	9101.00	9100.96	9100.88
33.5	9043.75	9043.93	9044.14	9044.37	9044.59	9044.80	9044.97	9044.92	9044.83	9044.72
34.0	8986.90	8987.10	8987.33	8987.57	8987.81	8988.02	8988.20	8988.11	8987.98	8987.83
34.5	8929.07	8929.35	8929.67	8930.01	8930.35	8930.66	8930.92	8930.86	8930.73	8930.57
35.0	8870.55	8870.88	8871.27	8871.68	8872.10	8872.48	8872.81	8872.78	8872.69	8872.54
35.5	8811.74	8812.01	8812.31	8812.63	8812.95	8813.24	8813.49	8813.49	8813.43	8813.32
36.0	8752.24	8752.43	8752.62	8752.82	8753.01	8753.18	8753.32	8753.33	8753.30	8753.24
36.5	8691.84	8692.00	8692.16	8692.31	8692.45	8692.57	8692.67	8692.66	8692.63	8692.57
37.0	8630.43	8630.57	8630.70	8630.83	8630.95	8631.05	8631.13	8631.12	8631.09	8631.05
37.5	8567.70	8567.82	8567.94	8568.04	8568.14	8568.24	8568.32	8568.39	8568.46	8568.51
38.0	8503.98	8504.08	8504.17	8504.26	8504.35	8504.45	8504.54	8504.69	8504.84	8504.98
38.5	8439.41	8439.50	8439.58	8439.65	8439.73	8439.80	8439.88	8440.02	8440.16	8440.30
39.0	8374.14	8374.22	8374.29	8374.36	8374.42	8374.48	8374.54	8374.65	8374.76	8374.87
39.5	8308.49	8308.60	8308.70	8308.77	8308.84	8308.90	8308.95	8309.06	8309.16	8309.26
40.0	8242.01	8242.14	8242.25	8242.32	8242.38	8242.42	8242.46	8242.56	8242.67	8242.77
40.5	8174.27	8174.36	8174.40	8174.40	8174.38	8174.35	8174.32	8174.44	8174.56	8174.69
41.0	8105.54	8105.56	8105.53	8105.46	8105.37	8105.27	8105.19	8105.33	8105.48	8105.64
41.5	8035.92	8035.93	8035.88	8035.81	8035.72	8035.63	8035.57	8035.75	8035.96	8036.17
42.0	7965.43	7965.42	7965.37	7965.30	7965.22	7965.15	7965.11	7965.33	7965.58	7965.83
42.5	7894.15	7894.11	7894.01	7893.88	7893.75	7893.63	7893.54	7893.73	7893.96	7894.20
43.0	7821.98	7821.91	7821.79	7821.64	7821.47	7821.31	7821.18	7821.33	7821.51	7821.72
43.5	7748.81	7748.81	7748.76	7748.68	7748.59	7748.50	7748.42	7748.53	7748.66	7748.80
44.0	7674.71	7674.78	7674.82	7674.84	7674.84	7674.84	7674.84	7674.92	7675.01	7675.10
44.5	7599.72	7599.82	7599.91	7599.99	7600.05	7600.11	7600.17	7600.26	7600.34	7600.41
45.0	7523.80	7523.90	7524.00	7524.10	7524.19	7524.28	7524.37	7524.48	7524.59	7524.69
45.5	7446.82	7446.89	7446.94	7446.98	7447.02	7447.07	7447.12	7447.32	7447.51	7447.70
46.0	7368.99	7369.01	7369.01	7368.99	7368.97	7368.95	7368.96	7369.21	7369.48	7369.73
46.5	7290.57	7290.56	7290.52	7290.47	7290.42	7290.37	7290.35	7290.57	7290.79	7291.01
47.0	7211.32	7211.31	7211.28	7211.25	7211.21	7211.17	7211.14	7211.26	7211.38	7211.50
47.5	7131.06	7131.17	7131.27	7131.35	7131.42	7131.46	7131.49	7131.44	7131.36	7131.27
48.0	7049.78	7050.01	7050.25	7050.48	7050.68	7050.83	7050.91	7050.71	7050.45	7050.16
48.5	6967.33	6967.61	6967.91	6968.22	6968.51	6968.74	6968.90	6968.66	6968.34	6967.97
49.0	6883.94	6884.23	6884.57	6884.92	6885.26	6885.56	6885.78	6885.54	6885.22	6884.85
49.5	6799.82	6800.08	6800.40	6800.74	6801.08	6801.38	6801.62	6801.42	6801.16	6800.85
50.0	6714.96	6715.19	6715.48	6715.80	6716.12	6716.41	6716.65	6716.50	6716.30	6716.05
50.5	6629.51	6629.74	6630.06	6630.42	6630.78	6631.11	6631.38	6631.22	6630.98	6630.68
51.0	6543.17	6543.39	6543.70	6544.06	6544.43	6544.78	6545.06	6544.90	6544.66	6544.36
51.5	6455.62	6455.71	6455.87	6456.09	6456.33	6456.58	6456.81	6456.80	6456.76	6456.67
52.0	6367.09	6367.04	6367.05	6367.11	6367.21	6367.34	6367.50	6367.65	6367.81	6367.95
52.5	6277.65	6277.57	6277.55	6277.57	6277.63	6277.71	6277.83	6278.00	6278.17	6278.34
53.0	6187.40	6187.33	6187.30	6187.30	6187.33	6187.40	6187.48	6187.64	6187.81	6187.98
53.5	6096.64	6096.52	6096.43	6096.37	6096.35	6096.37	6096.43	6096.67	6096.94	6097.20
54.0	6004.95	6004.79	6004.64	6004.53	6004.46	6004.43	6004.46	6004.80	6005.17	6005.53
54.5	5911.92	5911.77	5911.61	5911.47	5911.36	5911.30	5911.31	5911.70	5912.14	5912.57

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55.0	5817.86	5817.73	5817.58	5817.42	5817.29	5817.20	5817.18	5817.58	5818.02	5818.47
55.5	5723.05	5722.91	5722.74	5722.56	5722.39	5722.25	5722.16	5722.42	5722.74	5723.07
56.0	5627.19	5627.07	5626.93	5626.77	5626.62	5626.49	5626.39	5626.52	5626.69	5626.88
56.5	5530.03	5530.04	5530.05	5530.06	5530.09	5530.13	5530.19	5530.32	5530.46	5530.61
57.0	5431.74	5431.90	5432.11	5432.35	5432.62	5432.88	5433.13	5433.29	5433.42	5433.53
57.5	5332.27	5332.62	5333.05	5333.52	5334.01	5334.49	5334.92	5335.00	5335.02	5335.00
58.0	5231.98	5232.48	5233.08	5233.73	5234.40	5235.03	5235.59	5235.62	5235.56	5235.44
58.5	5131.31	5131.82	5132.44	5133.12	5133.81	5134.47	5135.06	5135.17	5135.19	5135.14
59.0	5030.02	5030.47	5031.03	5031.63	5032.27	5032.88	5033.46	5033.68	5033.83	5033.91
59.5	4928.30	4928.61	4929.05	4929.56	4930.12	4930.70	4931.26	4931.63	4931.95	4932.21
60.0	4825.37	4825.50	4825.74	4826.07	4826.45	4826.87	4827.30	4827.69	4828.06	4828.37
60.5	4721.38	4721.26	4721.13	4721.00	4720.87	4720.74	4720.63	4720.66	4720.68	4720.68
61.0	4613.74	4613.48	4613.11	4612.65	4612.11	4611.54	4610.95	4610.58	4610.22	4609.84
61.5	4498.81	4498.84	4498.74	4498.51	4498.18	4497.77	4497.29	4496.84	4496.36	4495.84
62.0	4379.79	4380.26	4380.60	4380.82	4380.91	4380.88	4380.72	4380.27	4379.73	4379.10
62.5	4257.90	4258.82	4259.66	4260.39	4260.99	4261.42	4261.63	4261.05	4260.29	4259.40
63.0	4135.47	4136.66	4137.83	4138.93	4139.90	4140.67	4141.19	4140.55	4139.67	4138.65
63.5	4015.85	4016.71	4017.59	4018.45	4019.23	4019.88	4020.36	4020.02	4019.49	4018.83
64.0	3897.18	3897.66	3898.20	3898.76	3899.29	3899.76	3900.12	3900.03	3899.81	3899.47
64.5	3778.56	3779.18	3779.88	3780.62	3781.31	3781.90	3782.34	3782.00	3781.48	3780.81
65.0	3660.41	3661.26	3662.21	3663.17	3664.07	3664.82	3665.33	3664.66	3663.74	3662.64
65.5	3542.64	3543.63	3544.69	3545.74	3546.69	3547.47	3547.99	3547.19	3546.13	3544.89
66.0	3425.87	3426.78	3427.71	3428.62	3429.42	3430.05	3430.43	3429.61	3428.57	3427.37
66.5	3311.65	3311.88	3312.12	3312.33	3312.48	3312.52	3312.44	3311.76	3310.96	3310.09
67.0	3197.06	3196.61	3196.11	3195.58	3195.03	3194.46	3193.89	3193.38	3192.87	3192.36
67.5	3080.24	3079.53	3078.69	3077.76	3076.78	3075.81	3074.87	3074.41	3074.00	3073.63
68.0	2959.63	2959.01	2958.23	2957.33	2956.37	2955.40	2954.47	2954.11	2953.81	2953.54
68.5	2830.27	2830.44	2830.60	2830.76	2830.89	2831.01	2831.09	2831.09	2831.05	2830.96
69.0	2700.45	2701.31	2702.35	2703.49	2704.67	2705.82	2706.88	2707.27	2707.53	2707.67
69.5	2577.84	2578.43	2579.15	2579.98	2580.88	2581.79	2582.68	2583.32	2583.89	2584.39
70.0	2459.25	2459.34	2459.51	2459.75	2460.05	2460.42	2460.86	2461.60	2462.36	2463.11
70.5	2344.64	2344.65	2344.72	2344.85	2345.03	2345.27	2345.57	2346.16	2346.76	2347.35
71.0	2232.17	2232.10	2232.06	2232.07	2232.11	2232.18	2232.29	2232.58	2232.88	2233.16
71.5	2120.81	2120.26	2119.68	2119.07	2118.46	2117.88	2117.35	2117.17	2117.05	2116.94
72.0	2008.05	2007.21	2006.27	2005.27	2004.25	2003.26	2002.33	2001.87	2001.50	2001.19
72.5	1888.36	1888.10	1887.85	1887.61	1887.40	1887.22	1887.08	1887.13	1887.20	1887.29
73.0	1769.80	1770.15	1770.63	1771.19	1771.83	1772.50	1773.18	1773.77	1774.34	1774.85
73.5	1660.31	1660.52	1660.82	1661.18	1661.59	1662.02	1662.46	1662.91	1663.33	1663.70
74.0	1554.69	1554.56	1554.44	1554.32	1554.21	1554.13	1554.07	1554.22	1554.37	1554.51
74.5	1450.53	1450.10	1449.61	1449.09	1448.56	1448.07	1447.64	1447.70	1447.81	1447.93
75.0	1347.40	1346.82	1346.16	1345.45	1344.74	1344.06	1343.47	1343.53	1343.66	1343.82
75.5	1242.93	1242.74	1242.54	1242.34	1242.17	1242.01	1241.90	1242.04	1242.20	1242.37
76.0	1140.51	1140.70	1140.98	1141.32	1141.70	1142.10	1142.50	1142.78	1143.03	1143.26
76.5	1043.50	1043.51	1043.59	1043.73	1043.93	1044.19	1044.51	1044.99	1045.50	1046.00
77.0	949.61	949.38	949.21	949.11	949.08	949.14	949.29	949.92	950.60	951.30
77.5	856.83	856.84	856.98	857.21	857.53	857.90	858.31	858.74	859.16	859.57
78.0	767.58	767.82	768.23	768.76	769.37	770.00	770.62	770.84	771.01	771.13
78.5	684.81	684.78	684.87	685.04	685.28	685.58	685.91	686.17	686.46	686.75
79.0	605.00	604.66	604.35	604.09	603.90	603.81	603.82	604.27	604.82	605.42
79.5	524.21	523.80	523.43	523.13	522.94	522.88	523.00	523.96	525.05	526.19
80.0	446.66	446.38	446.13	445.95	445.88	445.94	446.17	447.29	448.52	449.78
80.5	375.96	376.22	376.40	376.51	376.54	376.52	376.45	376.23	375.99	375.78
81.0	309.89	310.62	311.17	311.53	311.68	311.61	311.30	309.85	308.28	306.73
81.5	246.46	246.96	247.39	247.74	247.99	248.11	248.10	247.22	246.29	245.40
82.0	188.65	188.73	188.91	189.15	189.46	189.80	190.18	190.32	190.51	190.76
82.5	139.19	139.00	138.98	139.11	139.39	139.80	140.34	141.11	141.96	142.87

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

83.0	96.79	96.45	96.31	96.35	96.57	96.97	97.55	98.65	99.87	101.13
83.5	59.85	59.66	59.59	59.65	59.85	60.19	60.66	61.48	62.40	63.39
84.0	32.03	32.02	32.07	32.18	32.34	32.57	32.87	33.25	33.70	34.23
84.5	18.74	18.76	18.79	18.85	18.94	19.06	19.20	19.35	19.53	19.77
85.0	13.09	13.08	13.08	13.09	13.11	13.13	13.16	13.16	13.18	13.21
85.5	10.09	10.09	10.10	10.10	10.12	10.13	10.14	10.13	10.13	10.13
86.0	9.37	9.38	9.40	9.42	9.44	9.46	9.49	9.52	9.54	9.57
86.5	8.78	8.79	8.80	8.81	8.82	8.84	8.87	8.89	8.92	8.95
87.0	8.71	8.71	8.71	8.72	8.73	8.74	8.75	8.77	8.79	8.82
87.5	8.85	8.85	8.86	8.86	8.86	8.87	8.88	8.89	8.90	8.91
88.0	9.15	9.15	9.16	9.16	9.16	9.17	9.17	9.17	9.17	9.18
88.5	9.43	9.43	9.44	9.44	9.44	9.45	9.45	9.45	9.45	9.45
89.0	9.74	9.74	9.74	9.74	9.74	9.75	9.75	9.75	9.75	9.75
89.5	10.04	10.04	10.04	10.04	10.04	10.04	10.04	10.04	10.05	10.05
90.0	10.35	10.35	10.34	10.34	10.34	10.34	10.33	10.34	10.35	10.36

Vert. Angles **Horizontal Angles**

	<u>25.0</u>	<u>27.5</u>	<u>30.0</u>	<u>32.5</u>	<u>35.0</u>	<u>37.5</u>	<u>40.0</u>	<u>42.5</u>	<u>45.0</u>	<u>47.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.23	10914.17	10914.11	10914.16	10914.22	10914.29	10914.36	10914.43	10914.49	10914.47
1.0	10912.73	10912.63	10912.54	10912.61	10912.69	10912.78	10912.88	10912.97	10913.06	10913.03
1.5	10910.41	10910.33	10910.25	10910.29	10910.34	10910.39	10910.46	10910.51	10910.57	10910.54
2.0	10907.27	10907.21	10907.14	10907.14	10907.13	10907.14	10907.14	10907.15	10907.16	10907.14
2.5	10903.26	10903.17	10903.08	10903.04	10903.00	10902.97	10902.95	10902.94	10902.92	10902.91
3.0	10898.45	10898.33	10898.21	10898.15	10898.10	10898.05	10898.02	10897.99	10897.97	10897.95
3.5	10892.94	10892.80	10892.65	10892.61	10892.57	10892.55	10892.54	10892.53	10892.52	10892.47
4.0	10886.70	10886.55	10886.40	10886.38	10886.36	10886.37	10886.37	10886.38	10886.38	10886.29
4.5	10879.74	10879.64	10879.53	10879.51	10879.49	10879.47	10879.46	10879.44	10879.42	10879.31
5.0	10872.04	10871.98	10871.92	10871.89	10871.86	10871.83	10871.79	10871.75	10871.71	10871.60
5.5	10863.56	10863.50	10863.43	10863.41	10863.38	10863.37	10863.35	10863.33	10863.31	10863.26
6.0	10854.32	10854.24	10854.15	10854.13	10854.12	10854.12	10854.13	10854.14	10854.16	10854.17
6.5	10844.38	10844.29	10844.19	10844.17	10844.15	10844.15	10844.16	10844.18	10844.21	10844.22
7.0	10833.61	10833.49	10833.37	10833.35	10833.34	10833.35	10833.36	10833.39	10833.42	10833.44
7.5	10821.84	10821.69	10821.55	10821.54	10821.56	10821.60	10821.65	10821.71	10821.78	10821.79
8.0	10809.15	10808.97	10808.82	10808.84	10808.89	10808.97	10809.06	10809.16	10809.26	10809.29
8.5	10795.51	10795.38	10795.26	10795.32	10795.40	10795.51	10795.63	10795.76	10795.89	10795.93
9.0	10781.01	10780.92	10780.85	10780.93	10781.04	10781.17	10781.31	10781.46	10781.60	10781.67
9.5	10765.74	10765.65	10765.58	10765.64	10765.74	10765.85	10765.99	10766.13	10766.28	10766.38
10.0	10749.64	10749.54	10749.46	10749.51	10749.59	10749.70	10749.82	10749.96	10750.11	10750.23
10.5	10732.65	10732.56	10732.49	10732.58	10732.70	10732.84	10733.00	10733.16	10733.33	10733.43
11.0	10714.81	10714.73	10714.67	10714.80	10714.95	10715.13	10715.31	10715.50	10715.68	10715.75
11.5	10696.13	10696.02	10695.93	10696.04	10696.17	10696.34	10696.52	10696.70	10696.88	10696.98
12.0	10676.70	10676.57	10676.47	10676.54	10676.65	10676.78	10676.92	10677.08	10677.24	10677.35
12.5	10656.63	10656.61	10656.59	10656.65	10656.73	10656.81	10656.90	10656.99	10657.07	10657.11
13.0	10635.77	10635.84	10635.90	10635.95	10635.99	10636.03	10636.04	10636.06	10636.06	10636.04
13.5	10614.04	10614.07	10614.09	10614.09	10614.08	10614.05	10614.02	10613.98	10613.95	10613.90
14.0	10591.35	10591.31	10591.25	10591.20	10591.15	10591.10	10591.04	10590.98	10590.92	10590.87
14.5	10567.45	10567.36	10567.25	10567.22	10567.19	10567.15	10567.12	10567.09	10567.05	10566.97
15.0	10542.76	10542.61	10542.47	10542.46	10542.46	10542.47	10542.47	10542.47	10542.46	10542.35
15.5	10517.74	10517.57	10517.41	10517.40	10517.40	10517.42	10517.43	10517.43	10517.41	10517.27
16.0	10491.94	10491.76	10491.58	10491.57	10491.56	10491.57	10491.57	10491.56	10491.53	10491.37
16.5	10464.88	10464.71	10464.54	10464.51	10464.48	10464.46	10464.44	10464.41	10464.37	10464.23
17.0	10437.00	10436.87	10436.72	10436.66	10436.60	10436.54	10436.49	10436.42	10436.35	10436.23
17.5	10408.74	10408.68	10408.60	10408.51	10408.41	10408.29	10408.16	10408.02	10407.87	10407.69
18.0	10379.60	10379.60	10379.57	10379.46	10379.32	10379.15	10378.96	10378.77	10378.56	10378.34

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

18.5	10349.07	10349.01	10348.92	10348.81	10348.69	10348.56	10348.41	10348.25	10348.09	10347.91
19.0	10317.67	10317.53	10317.37	10317.27	10317.17	10317.07	10316.96	10316.86	10316.75	10316.63
19.5	10285.88	10285.76	10285.61	10285.48	10285.33	10285.18	10285.02	10284.87	10284.73	10284.61
20.0	10253.26	10253.17	10253.04	10252.88	10252.71	10252.51	10252.32	10252.13	10251.94	10251.83
20.5	10219.38	10219.28	10219.15	10219.04	10218.93	10218.81	10218.69	10218.56	10218.44	10218.32
21.0	10184.62	10184.49	10184.36	10184.31	10184.23	10184.24	10184.20	10184.15	10184.10	10183.96
21.5	10149.29	10149.15	10149.01	10148.97	10148.94	10148.92	10148.88	10148.84	10148.78	10148.63
22.0	10113.12	10112.98	10112.82	10112.78	10112.75	10112.71	10112.67	10112.62	10112.55	10112.39
22.5	10075.89	10075.73	10075.56	10075.53	10075.50	10075.48	10075.45	10075.41	10075.36	10075.20
23.0	10037.82	10037.64	10037.46	10037.43	10037.42	10037.41	10037.40	10037.38	10037.35	10037.20
23.5	9999.06	9998.85	9998.65	9998.65	9998.66	9998.69	9998.71	9998.73	9998.73	9998.59
24.0	9959.59	9959.38	9959.18	9959.18	9959.21	9959.25	9959.29	9959.32	9959.34	9959.19
24.5	9919.55	9919.39	9919.22	9919.21	9919.19	9919.18	9919.16	9919.13	9919.08	9918.90
25.0	9878.66	9878.55	9878.43	9878.37	9878.30	9878.23	9878.13	9878.03	9877.91	9877.71
25.5	9836.65	9836.54	9836.42	9836.32	9836.21	9836.09	9835.97	9835.84	9835.71	9835.56
26.0	9793.66	9793.55	9793.42	9793.30	9793.17	9793.03	9792.89	9792.76	9792.64	9792.56
26.5	9749.75	9749.69	9749.60	9749.49	9749.37	9749.25	9749.12	9749.00	9748.88	9748.80
27.0	9704.92	9704.90	9704.85	9704.77	9704.68	9704.58	9704.48	9704.37	9704.27	9704.20
27.5	9659.15	9659.12	9659.07	9659.02	9658.96	9658.89	9658.82	9658.76	9658.69	9658.67
28.0	9612.53	9612.49	9612.43	9612.40	9612.36	9612.32	9612.28	9612.25	9612.22	9612.24
28.5	9565.18	9565.15	9565.11	9565.08	9565.04	9565.00	9564.95	9564.91	9564.87	9564.86
29.0	9517.00	9516.99	9516.96	9516.92	9516.87	9516.82	9516.76	9516.71	9516.66	9516.63
29.5	9467.91	9467.88	9467.84	9467.79	9467.74	9467.69	9467.65	9467.61	9467.58	9467.63
30.0	9417.98	9417.91	9417.83	9417.79	9417.75	9417.72	9417.71	9417.71	9417.72	9417.82
30.5	9367.25	9367.10	9366.95	9366.96	9367.00	9367.05	9367.11	9367.18	9367.25	9367.27
31.0	9315.70	9315.47	9315.27	9315.31	9315.39	9315.49	9315.61	9315.72	9315.82	9315.76
31.5	9263.35	9263.13	9262.93	9262.89	9262.87	9262.88	9262.91	9262.95	9262.99	9262.99
32.0	9210.12	9209.94	9209.75	9209.63	9209.51	9209.41	9209.34	9209.29	9209.27	9209.35
32.5	9155.93	9155.79	9155.63	9155.51	9155.40	9155.30	9155.21	9155.15	9155.12	9155.18
33.0	9100.79	9100.67	9100.56	9100.48	9100.41	9100.34	9100.29	9100.25	9100.23	9100.25
33.5	9044.59	9044.46	9044.34	9044.33	9044.34	9044.36	9044.39	9044.42	9044.46	9044.43
34.0	8987.66	8987.49	8987.35	8987.39	8987.46	8987.54	8987.63	8987.71	8987.78	8987.70
34.5	8930.38	8930.19	8930.00	8929.99	8930.00	8930.02	8930.04	8930.06	8930.07	8929.93
35.0	8872.35	8872.14	8871.93	8871.85	8871.77	8871.71	8871.64	8871.57	8871.50	8871.31
35.5	8813.18	8813.03	8812.85	8812.74	8812.63	8812.52	8812.41	8812.30	8812.19	8812.00
36.0	8753.16	8753.06	8752.94	8752.83	8752.72	8752.60	8752.48	8752.35	8752.23	8752.05
36.5	8692.50	8692.41	8692.32	8692.27	8692.21	8692.16	8692.09	8692.01	8691.92	8691.71
37.0	8630.99	8630.93	8630.87	8630.87	8630.88	8630.87	8630.85	8630.82	8630.76	8630.53
37.5	8568.54	8568.56	8568.57	8568.55	8568.52	8568.46	8568.40	8568.31	8568.21	8568.00
38.0	8505.10	8505.20	8505.27	8505.22	8505.15	8505.05	8504.93	8504.80	8504.66	8504.46
38.5	8440.42	8440.53	8440.61	8440.62	8440.60	8440.55	8440.49	8440.40	8440.30	8440.10
39.0	8374.97	8375.06	8375.14	8375.19	8375.23	8375.24	8375.23	8375.20	8375.14	8374.93
39.5	8309.35	8309.42	8309.49	8309.51	8309.52	8309.51	8309.47	8309.42	8309.35	8309.14
40.0	8242.86	8242.93	8242.98	8242.96	8242.92	8242.86	8242.78	8242.69	8242.58	8242.38
40.5	8174.80	8174.90	8174.97	8174.94	8174.87	8174.79	8174.68	8174.57	8174.44	8174.26
41.0	8105.79	8105.93	8106.04	8105.98	8105.89	8105.77	8105.63	8105.49	8105.34	8105.16
41.5	8036.37	8036.55	8036.68	8036.57	8036.42	8036.23	8036.01	8035.79	8035.56	8035.33
42.0	7966.07	7966.27	7966.42	7966.30	7966.12	7965.89	7965.63	7965.36	7965.08	7964.80
42.5	7894.45	7894.67	7894.85	7894.81	7894.73	7894.60	7894.44	7894.26	7894.06	7893.77
43.0	7821.94	7822.15	7822.34	7822.40	7822.42	7822.40	7822.36	7822.28	7822.18	7821.90
43.5	7748.95	7749.09	7749.22	7749.25	7749.27	7749.25	7749.22	7749.15	7749.07	7748.82
44.0	7675.18	7675.24	7675.29	7675.29	7675.26	7675.21	7675.15	7675.07	7674.98	7674.77
44.5	7600.47	7600.52	7600.55	7600.52	7600.48	7600.41	7600.34	7600.25	7600.16	7600.00
45.0	7524.76	7524.82	7524.85	7524.78	7524.69	7524.58	7524.46	7524.33	7524.21	7524.12
45.5	7447.86	7447.98	7448.04	7447.84	7447.59	7447.31	7447.02	7446.75	7446.52	7446.49
46.0	7369.96	7370.13	7370.22	7369.90	7369.51	7369.09	7368.67	7368.28	7367.96	7368.01

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

46.5	7291.21	7291.36	7291.44	7291.13	7290.76	7290.37	7289.99	7289.66	7289.40	7289.56
47.0	7211.59	7211.66	7211.69	7211.44	7211.16	7210.87	7210.61	7210.40	7210.25	7210.48
47.5	7131.16	7131.04	7130.92	7130.75	7130.59	7130.45	7130.34	7130.27	7130.25	7130.43
48.0	7049.85	7049.55	7049.27	7049.19	7049.14	7049.14	7049.17	7049.23	7049.32	7049.42
48.5	6967.60	6967.23	6966.90	6966.85	6966.85	6966.91	6967.00	6967.11	6967.24	6967.32
49.0	6884.47	6884.10	6883.76	6883.73	6883.76	6883.84	6883.94	6884.07	6884.21	6884.26
49.5	6800.52	6800.21	6799.93	6799.94	6800.00	6800.10	6800.21	6800.34	6800.45	6800.39
50.0	6715.78	6715.52	6715.28	6715.29	6715.33	6715.40	6715.47	6715.54	6715.60	6715.46
50.5	6630.35	6630.00	6629.67	6629.51	6629.37	6629.27	6629.18	6629.12	6629.08	6629.00
51.0	6544.01	6543.63	6543.24	6542.93	6542.63	6542.36	6542.13	6541.94	6541.79	6541.77
51.5	6456.55	6456.39	6456.21	6455.97	6455.72	6455.46	6455.22	6455.00	6454.81	6454.70
52.0	6368.07	6368.16	6368.20	6368.08	6367.91	6367.71	6367.49	6367.27	6367.05	6366.82
52.5	6278.49	6278.61	6278.69	6278.60	6278.47	6278.30	6278.10	6277.87	6277.63	6277.28
53.0	6188.12	6188.24	6188.31	6188.20	6188.05	6187.85	6187.61	6187.35	6187.06	6186.64
53.5	6097.43	6097.61	6097.72	6097.48	6097.17	6096.80	6096.39	6095.98	6095.58	6095.23
54.0	6005.86	6006.12	6006.28	6005.90	6005.42	6004.88	6004.31	6003.75	6003.23	6002.99
54.5	5912.97	5913.29	5913.50	5913.08	5912.55	5911.95	5911.32	5910.70	5910.13	5909.93
55.0	5818.89	5819.23	5819.47	5819.10	5818.63	5818.08	5817.50	5816.92	5816.38	5816.16
55.5	5723.39	5723.67	5723.89	5723.77	5723.57	5723.31	5723.00	5722.66	5722.30	5721.92
56.0	5627.08	5627.27	5627.45	5627.55	5627.62	5627.63	5627.59	5627.49	5627.32	5626.78
56.5	5530.75	5530.88	5530.99	5531.08	5531.13	5531.13	5531.08	5530.98	5530.81	5530.30
57.0	5433.62	5433.67	5433.70	5433.71	5433.70	5433.64	5433.55	5433.41	5433.23	5432.81
57.5	5334.94	5334.86	5334.77	5334.84	5334.90	5334.95	5334.98	5334.96	5334.90	5334.56
58.0	5235.28	5235.10	5234.93	5235.05	5235.18	5235.32	5235.45	5235.54	5235.59	5235.37
58.5	5135.05	5134.93	5134.82	5134.90	5134.99	5135.08	5135.17	5135.24	5135.28	5135.21
59.0	5033.95	5033.95	5033.92	5033.90	5033.87	5033.83	5033.78	5033.74	5033.70	5033.76
59.5	4932.40	4932.53	4932.58	4932.38	4932.12	4931.83	4931.53	4931.25	4931.00	4931.07
60.0	4828.62	4828.78	4828.84	4828.43	4827.93	4827.39	4826.84	4826.33	4825.88	4825.94
60.5	4720.64	4720.54	4720.37	4719.76	4719.10	4718.42	4717.77	4717.17	4716.68	4716.76
61.0	4609.45	4609.04	4608.58	4607.85	4607.10	4606.37	4605.70	4605.12	4604.65	4604.76
61.5	4495.29	4494.72	4494.13	4493.40	4492.68	4492.01	4491.40	4490.88	4490.49	4490.68
62.0	4378.42	4377.72	4377.02	4376.40	4375.82	4375.30	4374.84	4374.48	4374.22	4374.48
62.5	4258.46	4257.52	4256.64	4256.31	4256.10	4255.98	4255.93	4255.94	4256.01	4256.19
63.0	4137.56	4136.48	4135.49	4135.38	4135.40	4135.54	4135.74	4135.98	4136.22	4136.28
63.5	4018.08	4017.30	4016.52	4016.10	4015.74	4015.42	4015.14	4014.90	4014.69	4014.57
64.0	3899.02	3898.48	3897.87	3897.10	3896.30	3895.49	3894.69	3893.94	3893.25	3892.92
64.5	3780.02	3779.16	3778.26	3777.49	3776.73	3775.98	3775.26	3774.58	3773.96	3773.43
65.0	3661.43	3660.18	3658.95	3658.31	3657.74	3657.24	3656.78	3656.35	3655.93	3655.19
65.5	3543.55	3542.21	3540.93	3540.55	3540.27	3540.07	3539.89	3539.69	3539.43	3538.36
66.0	3426.10	3424.84	3423.67	3423.47	3423.38	3423.36	3423.34	3423.26	3423.08	3421.85
66.5	3309.17	3308.26	3307.40	3307.01	3306.67	3306.38	3306.10	3305.82	3305.49	3304.67
67.0	3191.84	3191.31	3190.77	3190.11	3189.45	3188.80	3188.17	3187.57	3187.02	3186.59
67.5	3073.26	3072.86	3072.42	3071.61	3070.76	3069.87	3068.98	3068.10	3067.27	3066.58
68.0	2953.26	2952.95	2952.57	2951.79	2950.94	2950.02	2949.06	2948.08	2947.09	2946.08
68.5	2830.83	2830.64	2830.40	2830.10	2829.75	2829.34	2828.86	2828.31	2827.70	2826.81
69.0	2707.72	2707.71	2707.65	2707.83	2707.96	2708.02	2708.01	2707.89	2707.64	2706.93
69.5	2584.82	2585.15	2585.40	2585.55	2585.59	2585.52	2585.33	2585.03	2584.59	2583.78
70.0	2463.80	2464.39	2464.85	2464.80	2464.58	2464.22	2463.73	2463.12	2462.41	2461.52
70.5	2347.87	2348.30	2348.59	2348.32	2347.91	2347.37	2346.74	2346.05	2345.33	2344.67
71.0	2233.38	2233.52	2233.55	2233.08	2232.51	2231.88	2231.20	2230.52	2229.87	2229.50
71.5	2116.84	2116.72	2116.55	2116.01	2115.42	2114.82	2114.22	2113.65	2113.14	2112.99
72.0	2000.91	2000.66	2000.41	1999.91	1999.41	1998.91	1998.44	1998.01	1997.63	1997.59
72.5	1887.38	1887.44	1887.46	1887.26	1887.01	1886.73	1886.42	1886.09	1885.75	1885.51
73.0	1775.31	1775.69	1775.97	1776.00	1775.92	1775.76	1775.53	1775.24	1774.90	1774.52
73.5	1664.02	1664.26	1664.40	1664.15	1663.82	1663.43	1663.01	1662.59	1662.19	1662.11
74.0	1554.60	1554.63	1554.56	1553.95	1553.26	1552.56	1551.90	1551.31	1550.86	1551.21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

74.5	1448.03	1448.06	1447.98	1447.11	1446.17	1445.24	1444.38	1443.66	1443.16	1443.95
75.0	1343.98	1344.06	1344.05	1343.14	1342.15	1341.18	1340.29	1339.58	1339.12	1340.16
75.5	1242.53	1242.65	1242.71	1242.31	1241.88	1241.45	1241.07	1240.78	1240.63	1241.31
76.0	1143.47	1143.66	1143.83	1143.93	1144.02	1144.09	1144.16	1144.23	1144.31	1144.51
76.5	1046.48	1046.90	1047.23	1047.17	1047.03	1046.82	1046.58	1046.33	1046.09	1046.04
77.0	951.96	952.53	952.97	952.67	952.24	951.71	951.14	950.56	950.02	949.85
77.5	859.95	860.26	860.50	860.42	860.26	860.06	859.82	859.57	859.32	859.19
78.0	771.23	771.31	771.38	771.57	771.76	771.94	772.11	772.25	772.37	772.32
78.5	687.04	687.33	687.63	687.95	688.26	688.53	688.77	688.95	689.07	688.90
79.0	606.06	606.68	607.27	607.54	607.75	607.89	607.98	608.01	608.01	607.93
79.5	527.30	528.31	529.14	528.77	528.22	527.60	526.98	526.45	526.11	527.08
80.0	450.98	452.04	452.87	452.14	451.22	450.24	449.33	448.63	448.24	450.04
80.5	375.61	375.52	375.54	375.97	376.52	377.17	377.90	378.68	379.50	380.50
81.0	305.34	304.24	303.57	305.26	307.34	309.65	312.01	314.25	316.20	316.12
81.5	244.66	244.15	243.99	245.73	247.76	249.93	252.09	254.10	255.79	255.33
82.0	191.09	191.54	192.13	193.48	194.92	196.36	197.73	198.95	199.95	199.41
82.5	143.81	144.75	145.66	146.39	147.06	147.64	148.13	148.52	148.80	148.46
83.0	102.37	103.55	104.58	104.84	104.93	104.91	104.79	104.63	104.46	104.48
83.5	64.41	65.43	66.40	67.01	67.56	68.06	68.52	68.95	69.38	69.86
84.0	34.84	35.53	36.30	37.31	38.38	39.48	40.59	41.69	42.76	43.57
84.5	20.06	20.42	20.85	21.51	22.24	23.01	23.79	24.58	25.34	25.94
85.0	13.27	13.34	13.45	13.67	13.91	14.18	14.46	14.74	15.03	15.27
85.5	10.14	10.16	10.19	10.29	10.40	10.52	10.65	10.78	10.91	11.02
86.0	9.61	9.65	9.69	9.76	9.83	9.91	9.98	10.05	10.12	10.15
86.5	8.98	9.01	9.04	9.07	9.11	9.14	9.18	9.21	9.24	9.25
87.0	8.84	8.87	8.89	8.91	8.93	8.95	8.96	8.98	8.99	9.01
87.5	8.93	8.94	8.95	8.96	8.96	8.97	8.97	8.98	8.98	8.99
88.0	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18
88.5	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45
89.0	9.75	9.76	9.76	9.76	9.76	9.76	9.77	9.77	9.77	9.77
89.5	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.06	10.06
90.0	10.36	10.37	10.38	10.38	10.37	10.37	10.37	10.36	10.36	10.37

Vert. Angles **Horizontal Angles**

	<u>50.0</u>	<u>52.5</u>	<u>55.0</u>	<u>57.5</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.44	10914.41	10914.38	10914.35	10914.34	10914.41	10914.49	10914.57	10914.65	10914.73
1.0	10912.99	10912.94	10912.90	10912.87	10912.85	10912.97	10913.10	10913.24	10913.37	10913.49
1.5	10910.51	10910.48	10910.46	10910.45	10910.46	10910.60	10910.75	10910.91	10911.05	10911.18
2.0	10907.13	10907.12	10907.12	10907.14	10907.18	10907.32	10907.48	10907.64	10907.78	10907.90
2.5	10902.90	10902.90	10902.91	10902.95	10902.99	10903.15	10903.31	10903.46	10903.60	10903.72
3.0	10897.93	10897.93	10897.95	10897.97	10898.03	10898.18	10898.35	10898.51	10898.66	10898.79
3.5	10892.42	10892.38	10892.36	10892.36	10892.39	10892.58	10892.79	10893.00	10893.20	10893.37
4.0	10886.21	10886.13	10886.07	10886.04	10886.05	10886.27	10886.52	10886.77	10887.01	10887.22
4.5	10879.20	10879.10	10879.03	10878.98	10878.97	10879.18	10879.42	10879.67	10879.91	10880.10
5.0	10871.50	10871.40	10871.33	10871.28	10871.27	10871.46	10871.67	10871.89	10872.10	10872.27
5.5	10863.22	10863.18	10863.15	10863.15	10863.17	10863.32	10863.50	10863.67	10863.82	10863.94
6.0	10854.18	10854.21	10854.24	10854.28	10854.33	10854.46	10854.60	10854.73	10854.84	10854.92
6.5	10844.25	10844.29	10844.33	10844.38	10844.45	10844.59	10844.73	10844.87	10844.98	10845.06
7.0	10833.46	10833.49	10833.54	10833.60	10833.67	10833.84	10834.02	10834.19	10834.33	10834.45
7.5	10821.81	10821.85	10821.89	10821.96	10822.05	10822.29	10822.54	10822.78	10823.00	10823.17
8.0	10809.31	10809.35	10809.40	10809.47	10809.57	10809.86	10810.17	10810.47	10810.75	10810.97
8.5	10795.97	10796.02	10796.08	10796.15	10796.25	10796.52	10796.80	10797.07	10797.32	10797.51
9.0	10781.73	10781.80	10781.87	10781.95	10782.05	10782.27	10782.51	10782.73	10782.92	10783.07
9.5	10766.49	10766.59	10766.71	10766.82	10766.94	10767.15	10767.35	10767.54	10767.70	10767.82

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

10.0	10750.37	10750.50	10750.64	10750.78	10750.93	10751.12	10751.31	10751.48	10751.63	10751.74
10.5	10733.53	10733.63	10733.73	10733.84	10733.96	10734.17	10734.39	10734.60	10734.78	10734.93
11.0	10715.81	10715.87	10715.94	10716.01	10716.10	10716.33	10716.57	10716.81	10717.03	10717.21
11.5	10697.06	10697.14	10697.23	10697.32	10697.42	10697.63	10697.85	10698.05	10698.24	10698.40
12.0	10677.45	10677.54	10677.64	10677.75	10677.85	10678.03	10678.20	10678.36	10678.50	10678.61
12.5	10657.15	10657.19	10657.23	10657.28	10657.33	10657.46	10657.59	10657.71	10657.82	10657.92
13.0	10636.01	10635.98	10635.96	10635.94	10635.94	10636.02	10636.11	10636.21	10636.30	10636.38
13.5	10613.86	10613.83	10613.80	10613.78	10613.77	10613.83	10613.89	10613.96	10614.04	10614.10
14.0	10590.82	10590.79	10590.76	10590.74	10590.74	10590.79	10590.84	10590.91	10590.98	10591.05
14.5	10566.89	10566.82	10566.76	10566.71	10566.69	10566.77	10566.87	10566.98	10567.10	10567.21
15.0	10542.23	10542.12	10542.01	10541.93	10541.88	10541.98	10542.11	10542.26	10542.42	10542.58
15.5	10517.12	10516.96	10516.81	10516.69	10516.59	10516.65	10516.74	10516.85	10516.97	10517.10
16.0	10491.19	10491.01	10490.84	10490.68	10490.55	10490.56	10490.60	10490.67	10490.75	10490.83
16.5	10464.08	10463.92	10463.78	10463.65	10463.54	10463.57	10463.62	10463.68	10463.75	10463.82
17.0	10436.10	10435.97	10435.86	10435.76	10435.68	10435.73	10435.80	10435.88	10435.97	10436.04
17.5	10407.51	10407.35	10407.20	10407.08	10406.99	10407.05	10407.15	10407.26	10407.37	10407.47
18.0	10378.12	10377.92	10377.74	10377.59	10377.48	10377.56	10377.67	10377.80	10377.93	10378.04
18.5	10347.74	10347.58	10347.43	10347.31	10347.23	10347.28	10347.37	10347.46	10347.56	10347.65
19.0	10316.51	10316.40	10316.30	10316.22	10316.16	10316.20	10316.25	10316.31	10316.37	10316.41
19.5	10284.51	10284.42	10284.35	10284.30	10284.26	10284.29	10284.34	10284.38	10284.43	10284.46
20.0	10251.73	10251.64	10251.58	10251.54	10251.51	10251.54	10251.59	10251.63	10251.68	10251.71
20.5	10218.20	10218.10	10218.01	10217.93	10217.88	10217.92	10217.97	10218.03	10218.09	10218.13
21.0	10183.82	10183.69	10183.56	10183.45	10183.36	10183.40	10183.46	10183.54	10183.61	10183.68
21.5	10148.47	10148.31	10148.16	10148.03	10147.92	10147.95	10148.01	10148.08	10148.15	10148.22
22.0	10112.21	10112.04	10111.88	10111.73	10111.61	10111.63	10111.67	10111.74	10111.81	10111.88
22.5	10075.03	10074.85	10074.69	10074.54	10074.42	10074.43	10074.47	10074.53	10074.60	10074.67
23.0	10037.04	10036.87	10036.71	10036.57	10036.45	10036.46	10036.50	10036.56	10036.63	10036.71
23.5	9998.43	9998.27	9998.11	9997.96	9997.85	9997.87	9997.93	9998.01	9998.09	9998.19
24.0	9959.03	9958.86	9958.70	9958.55	9958.44	9958.47	9958.54	9958.63	9958.74	9958.84
24.5	9918.70	9918.50	9918.32	9918.15	9918.01	9918.03	9918.09	9918.17	9918.27	9918.39
25.0	9877.50	9877.29	9877.10	9876.93	9876.79	9876.80	9876.84	9876.91	9877.01	9877.13
25.5	9835.42	9835.28	9835.16	9835.07	9835.00	9835.05	9835.13	9835.22	9835.32	9835.43
26.0	9792.48	9792.43	9792.39	9792.37	9792.38	9792.46	9792.56	9792.67	9792.77	9792.86
26.5	9748.74	9748.69	9748.66	9748.65	9748.65	9748.71	9748.78	9748.86	9748.93	9749.00
27.0	9704.14	9704.09	9704.05	9704.03	9704.01	9704.03	9704.07	9704.10	9704.14	9704.18
27.5	9658.66	9658.65	9658.64	9658.64	9658.64	9658.64	9658.63	9658.63	9658.62	9658.60
28.0	9612.26	9612.28	9612.31	9612.33	9612.34	9612.33	9612.31	9612.28	9612.24	9612.19
28.5	9564.86	9564.86	9564.86	9564.87	9564.88	9564.90	9564.91	9564.93	9564.93	9564.91
29.0	9516.61	9516.59	9516.58	9516.58	9516.59	9516.64	9516.69	9516.73	9516.77	9516.79
29.5	9467.68	9467.74	9467.81	9467.87	9467.92	9467.92	9467.91	9467.89	9467.86	9467.82
30.0	9417.94	9418.05	9418.17	9418.27	9418.36	9418.33	9418.29	9418.22	9418.15	9418.08
30.5	9367.28	9367.30	9367.32	9367.34	9367.37	9367.45	9367.53	9367.61	9367.68	9367.74
31.0	9315.69	9315.61	9315.54	9315.50	9315.48	9315.68	9315.90	9316.12	9316.34	9316.53
31.5	9263.01	9263.03	9263.07	9263.12	9263.19	9263.41	9263.64	9263.85	9264.04	9264.18
32.0	9209.46	9209.60	9209.75	9209.91	9210.08	9210.30	9210.49	9210.67	9210.79	9210.87
32.5	9155.27	9155.39	9155.53	9155.68	9155.84	9156.05	9156.24	9156.42	9156.56	9156.66
33.0	9100.28	9100.34	9100.41	9100.51	9100.62	9100.82	9101.03	9101.23	9101.41	9101.55
33.5	9044.40	9044.38	9044.38	9044.40	9044.45	9044.67	9044.91	9045.15	9045.37	9045.55
34.0	8987.61	8987.52	8987.44	8987.39	8987.39	8987.64	8987.92	8988.21	8988.48	8988.71
34.5	8929.79	8929.65	8929.54	8929.47	8929.45	8929.75	8930.08	8930.43	8930.76	8931.04
35.0	8871.14	8870.98	8870.86	8870.79	8870.78	8871.11	8871.49	8871.88	8872.26	8872.60
35.5	8811.83	8811.69	8811.59	8811.54	8811.55	8811.90	8812.29	8812.71	8813.11	8813.47
36.0	8751.89	8751.75	8751.65	8751.61	8751.63	8751.97	8752.35	8752.75	8753.15	8753.52
36.5	8691.51	8691.32	8691.16	8691.04	8690.99	8691.23	8691.53	8691.85	8692.18	8692.49
37.0	8630.29	8630.05	8629.83	8629.66	8629.54	8629.72	8629.96	8630.23	8630.51	8630.77
37.5	8567.78	8567.58	8567.42	8567.30	8567.25	8567.54	8567.89	8568.25	8568.61	8568.93

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

38.0	8504.28	8504.13	8504.02	8503.97	8504.00	8504.41	8504.88	8505.36	8505.82	8506.22
38.5	8439.91	8439.73	8439.60	8439.52	8439.53	8439.95	8440.43	8440.93	8441.41	8441.83
39.0	8374.71	8374.51	8374.34	8374.23	8374.20	8374.61	8375.07	8375.56	8376.04	8376.46
39.5	8308.92	8308.73	8308.57	8308.47	8308.45	8308.87	8309.34	8309.83	8310.30	8310.72
40.0	8242.18	8242.01	8241.88	8241.81	8241.82	8242.25	8242.74	8243.24	8243.72	8244.14
40.5	8174.09	8173.95	8173.86	8173.83	8173.88	8174.37	8174.91	8175.47	8175.99	8176.43
41.0	8105.00	8104.88	8104.82	8104.82	8104.91	8105.45	8106.04	8106.65	8107.22	8107.71
41.5	8035.14	8034.98	8034.89	8034.88	8034.95	8035.50	8036.10	8036.72	8037.32	8037.84
42.0	7964.55	7964.35	7964.21	7964.16	7964.21	7964.75	7965.35	7965.99	7966.60	7967.16
42.5	7893.50	7893.26	7893.08	7892.99	7893.00	7893.55	7894.18	7894.84	7895.48	7896.06
43.0	7821.62	7821.36	7821.16	7821.04	7821.02	7821.58	7822.21	7822.88	7823.54	7824.13
43.5	7748.57	7748.34	7748.17	7748.07	7748.06	7748.61	7749.22	7749.86	7750.48	7751.03
44.0	7674.57	7674.39	7674.27	7674.20	7674.22	7674.71	7675.25	7675.81	7676.35	7676.81
44.5	7599.85	7599.73	7599.63	7599.57	7599.58	7599.88	7600.22	7600.58	7600.92	7601.22
45.0	7524.04	7523.97	7523.93	7523.92	7523.94	7524.09	7524.26	7524.45	7524.62	7524.79
45.5	7446.51	7446.58	7446.69	7446.83	7446.99	7447.21	7447.45	7447.68	7447.91	7448.11
46.0	7368.14	7368.34	7368.60	7368.89	7369.22	7369.54	7369.86	7370.17	7370.47	7370.73
46.5	7289.80	7290.11	7290.46	7290.85	7291.24	7291.52	7291.78	7292.03	7292.24	7292.42
47.0	7210.79	7211.15	7211.54	7211.94	7212.33	7212.54	7212.72	7212.88	7213.00	7213.09
47.5	7130.66	7130.93	7131.21	7131.51	7131.79	7131.96	7132.11	7132.25	7132.37	7132.48
48.0	7049.55	7049.69	7049.84	7050.00	7050.17	7050.31	7050.45	7050.59	7050.74	7050.89
48.5	6967.41	6967.51	6967.61	6967.72	6967.84	6967.99	6968.14	6968.29	6968.45	6968.60
49.0	6884.30	6884.36	6884.42	6884.49	6884.57	6884.74	6884.92	6885.11	6885.28	6885.44
49.5	6800.33	6800.26	6800.20	6800.17	6800.17	6800.36	6800.58	6800.82	6801.06	6801.29
50.0	6715.31	6715.17	6715.04	6714.95	6714.91	6715.13	6715.41	6715.71	6716.02	6716.32
50.5	6628.94	6628.91	6628.92	6628.96	6629.06	6629.36	6629.69	6630.05	6630.41	6630.76
51.0	6541.79	6541.87	6542.01	6542.19	6542.43	6542.80	6543.21	6543.63	6544.05	6544.45
51.5	6454.63	6454.63	6454.67	6454.79	6454.97	6455.42	6455.91	6456.42	6456.93	6457.41
52.0	6366.62	6366.46	6366.37	6366.36	6366.44	6366.93	6367.50	6368.10	6368.70	6369.25
52.5	6276.94	6276.65	6276.42	6276.28	6276.25	6276.75	6277.35	6278.01	6278.66	6279.29
53.0	6186.23	6185.86	6185.57	6185.36	6185.29	6185.79	6186.39	6187.06	6187.75	6188.40
53.5	6094.93	6094.69	6094.54	6094.48	6094.54	6095.07	6095.68	6096.35	6097.01	6097.63
54.0	6002.83	6002.75	6002.76	6002.86	6003.06	6003.57	6004.15	6004.75	6005.34	6005.88
54.5	5909.82	5909.79	5909.85	5909.97	5910.17	5910.50	5910.88	5911.28	5911.69	5912.09
55.0	5816.02	5815.94	5815.93	5815.98	5816.08	5816.25	5816.46	5816.71	5816.99	5817.29
55.5	5721.56	5721.23	5720.95	5720.74	5720.62	5720.84	5721.15	5721.52	5721.93	5722.35
56.0	5626.21	5625.64	5625.12	5624.67	5624.35	5624.65	5625.07	5625.58	5626.12	5626.67
56.5	5529.75	5529.21	5528.70	5528.26	5527.94	5528.17	5528.51	5528.93	5529.40	5529.88
57.0	5432.36	5431.92	5431.51	5431.15	5430.88	5431.01	5431.23	5431.51	5431.84	5432.18
57.5	5334.19	5333.81	5333.44	5333.11	5332.85	5332.92	5333.07	5333.26	5333.49	5333.72
58.0	5235.10	5234.80	5234.50	5234.22	5233.98	5233.99	5234.04	5234.12	5234.21	5234.30
58.5	5135.11	5134.98	5134.84	5134.69	5134.52	5134.36	5134.20	5134.05	5133.91	5133.79
59.0	5033.81	5033.86	5033.88	5033.87	5033.82	5033.52	5033.19	5032.86	5032.53	5032.24
59.5	4931.18	4931.32	4931.45	4931.57	4931.65	4931.44	4931.19	4930.91	4930.63	4930.36
60.0	4826.08	4826.27	4826.50	4826.72	4826.91	4826.81	4826.67	4826.50	4826.30	4826.09
60.5	4716.94	4717.19	4717.47	4717.76	4718.02	4717.92	4717.77	4717.59	4717.39	4717.18
61.0	4604.99	4605.28	4605.61	4605.92	4606.20	4606.00	4605.74	4605.44	4605.14	4604.86
61.5	4490.98	4491.32	4491.67	4491.97	4492.18	4491.69	4491.11	4490.48	4489.84	4489.25
62.0	4374.79	4375.13	4375.44	4375.66	4375.75	4375.00	4374.13	4373.19	4372.26	4371.38
62.5	4256.38	4256.54	4256.63	4256.63	4256.51	4255.77	4254.93	4254.02	4253.10	4252.21
63.0	4136.29	4136.24	4136.13	4135.93	4135.64	4135.03	4134.34	4133.60	4132.84	4132.09
63.5	4014.46	4014.35	4014.21	4014.05	4013.84	4013.36	4012.83	4012.29	4011.74	4011.22
64.0	3892.67	3892.48	3892.34	3892.23	3892.13	3891.88	3891.64	3891.41	3891.20	3891.02
64.5	3772.97	3772.60	3772.30	3772.10	3772.00	3772.22	3772.52	3772.86	3773.22	3773.56
65.0	3654.49	3653.86	3653.34	3652.97	3652.80	3653.50	3654.35	3655.29	3656.23	3657.10
65.5	3537.27	3536.24	3535.33	3534.63	3534.21	3535.26	3536.56	3537.99	3539.44	3540.78

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

66.0	3420.54	3419.28	3418.14	3417.23	3416.64	3417.80	3419.25	3420.86	3422.49	3424.02
66.5	3303.83	3303.05	3302.36	3301.83	3301.50	3302.19	3303.06	3304.03	3305.02	3305.94
67.0	3186.23	3185.93	3185.70	3185.54	3185.46	3185.59	3185.78	3186.01	3186.26	3186.51
67.5	3065.96	3065.41	3064.95	3064.58	3064.30	3064.25	3064.29	3064.41	3064.59	3064.84
68.0	2945.10	2944.19	2943.36	2942.65	2942.08	2941.92	2941.90	2942.01	2942.22	2942.53
68.5	2825.88	2824.94	2824.02	2823.15	2822.37	2821.96	2821.65	2821.44	2821.30	2821.24
69.0	2706.10	2705.20	2704.26	2703.32	2702.40	2701.79	2701.24	2700.74	2700.29	2699.89
69.5	2582.86	2581.89	2580.89	2579.90	2578.96	2578.36	2577.84	2577.39	2577.00	2576.68
70.0	2460.57	2459.61	2458.66	2457.75	2456.92	2456.43	2456.03	2455.73	2455.52	2455.39
70.5	2344.01	2343.38	2342.79	2342.25	2341.77	2341.49	2341.28	2341.14	2341.07	2341.07
71.0	2229.20	2228.94	2228.73	2228.56	2228.43	2228.28	2228.17	2228.10	2228.06	2228.08
71.5	2112.90	2112.85	2112.82	2112.78	2112.73	2112.34	2111.93	2111.54	2111.18	2110.88
72.0	1997.59	1997.60	1997.60	1997.56	1997.45	1996.82	1996.14	1995.44	1994.78	1994.20
72.5	1885.27	1885.03	1884.76	1884.48	1884.16	1883.66	1883.15	1882.64	1882.16	1881.74
73.0	1774.11	1773.68	1773.25	1772.82	1772.40	1772.08	1771.77	1771.49	1771.23	1770.99
73.5	1662.07	1662.05	1662.02	1661.98	1661.91	1661.57	1661.21	1660.82	1660.43	1660.06
74.0	1551.68	1552.22	1552.76	1553.24	1553.62	1553.20	1552.67	1552.05	1551.41	1550.80
74.5	1444.93	1446.00	1447.07	1448.03	1448.78	1448.18	1447.36	1446.40	1445.38	1444.38
75.0	1341.40	1342.74	1344.07	1345.25	1346.17	1345.48	1344.52	1343.37	1342.13	1340.90
75.5	1242.10	1242.92	1243.72	1244.41	1244.93	1244.52	1243.91	1243.16	1242.32	1241.45
76.0	1144.71	1144.89	1145.05	1145.17	1145.24	1145.19	1145.07	1144.87	1144.60	1144.25
76.5	1046.03	1046.05	1046.09	1046.17	1046.26	1046.50	1046.74	1046.95	1047.11	1047.20
77.0	949.75	949.74	949.80	949.93	950.14	950.58	951.05	951.53	951.99	952.39
77.5	859.09	859.04	859.03	859.08	859.20	859.62	860.08	860.54	860.98	861.37
78.0	772.25	772.17	772.11	772.07	772.07	772.39	772.73	773.07	773.38	773.62
78.5	688.68	688.44	688.20	687.99	687.84	688.11	688.43	688.77	689.08	689.33
79.0	607.84	607.72	607.61	607.51	607.43	607.55	607.68	607.82	607.94	608.03
79.5	528.23	529.45	530.65	531.74	532.62	532.14	531.45	530.63	529.76	528.92
80.0	452.12	454.32	456.46	458.39	459.94	459.02	457.72	456.19	454.60	453.10
80.5	381.47	382.37	383.15	383.77	384.17	383.55	382.75	381.87	380.99	380.20
81.0	315.67	314.98	314.14	313.24	312.39	312.49	312.70	313.00	313.34	313.70
81.5	254.55	253.60	252.62	251.75	251.13	252.59	254.30	256.10	257.85	259.40
82.0	198.71	197.97	197.32	196.91	196.86	199.33	202.09	204.91	207.58	209.88
82.5	148.07	147.71	147.45	147.36	147.52	149.22	151.11	153.04	154.88	156.49
83.0	104.54	104.64	104.80	105.02	105.33	105.98	106.68	107.41	108.11	108.77
83.5	70.35	70.84	71.33	71.84	72.34	72.98	73.60	74.20	74.75	75.24
84.0	44.33	45.05	45.72	46.36	46.98	47.75	48.48	49.15	49.74	50.23
84.5	26.49	27.01	27.50	27.97	28.41	28.92	29.40	29.83	30.20	30.50
85.0	15.51	15.74	15.96	16.17	16.37	16.59	16.79	16.97	17.13	17.26
85.5	11.12	11.22	11.31	11.40	11.49	11.60	11.69	11.78	11.86	11.93
86.0	10.18	10.21	10.24	10.26	10.29	10.34	10.40	10.45	10.50	10.54
86.5	9.26	9.27	9.28	9.28	9.29	9.31	9.33	9.35	9.37	9.39
87.0	9.02	9.03	9.05	9.06	9.07	9.08	9.08	9.09	9.09	9.10
87.5	8.99	9.00	9.00	9.01	9.01	9.02	9.02	9.02	9.02	9.02
88.0	9.18	9.18	9.18	9.18	9.18	9.19	9.19	9.19	9.20	9.20
88.5	9.45	9.45	9.44	9.44	9.44	9.44	9.45	9.45	9.45	9.46
89.0	9.77	9.77	9.77	9.77	9.77	9.77	9.77	9.77	9.77	9.77
89.5	10.07	10.07	10.07	10.07	10.07	10.07	10.07	10.07	10.07	10.07
90.0	10.37	10.38	10.38	10.39	10.39	10.39	10.39	10.39	10.39	10.38

Vert. Angles **Horizontal Angles**

	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>	<u>92.5</u>	<u>95.0</u>	<u>97.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.79	10914.79	10914.77	10914.74	10914.68	10914.60	10914.50	10914.49	10914.46	10914.43
1.0	10913.59	10913.59	10913.55	10913.48	10913.37	10913.22	10913.03	10913.05	10913.04	10913.01

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

1.5	10911.27	10911.26	10911.21	10911.10	10910.94	10910.72	10910.45	10910.57	10910.64	10910.66
2.0	10907.98	10907.96	10907.90	10907.77	10907.57	10907.30	10906.96	10907.18	10907.33	10907.42
2.5	10903.79	10903.79	10903.73	10903.61	10903.41	10903.13	10902.76	10903.03	10903.21	10903.32
3.0	10898.87	10898.88	10898.84	10898.72	10898.52	10898.23	10897.84	10898.11	10898.29	10898.41
3.5	10893.48	10893.50	10893.45	10893.31	10893.08	10892.75	10892.29	10892.52	10892.67	10892.74
4.0	10887.37	10887.39	10887.32	10887.16	10886.89	10886.51	10885.99	10886.19	10886.30	10886.33
4.5	10880.25	10880.26	10880.18	10880.00	10879.71	10879.30	10878.76	10878.99	10879.13	10879.18
5.0	10872.38	10872.39	10872.31	10872.13	10871.84	10871.42	10870.87	10871.14	10871.30	10871.37
5.5	10864.01	10864.05	10864.01	10863.87	10863.61	10863.20	10862.64	10862.90	10863.04	10863.07
6.0	10854.96	10855.04	10855.04	10854.93	10854.70	10854.31	10853.74	10853.97	10854.06	10854.04
6.5	10845.11	10845.20	10845.21	10845.12	10844.89	10844.50	10843.92	10844.08	10844.10	10844.01
7.0	10834.51	10834.61	10834.63	10834.53	10834.29	10833.87	10833.26	10833.37	10833.33	10833.19
7.5	10823.29	10823.40	10823.40	10823.26	10822.98	10822.50	10821.82	10821.93	10821.90	10821.75
8.0	10811.13	10811.24	10811.23	10811.07	10810.75	10810.22	10809.47	10809.62	10809.61	10809.47
8.5	10797.65	10797.77	10797.77	10797.63	10797.32	10796.80	10796.06	10796.24	10796.25	10796.13
9.0	10783.17	10783.31	10783.34	10783.23	10782.95	10782.47	10781.74	10781.96	10782.00	10781.90
9.5	10767.89	10768.07	10768.15	10768.09	10767.85	10767.40	10766.69	10766.96	10767.02	10766.91
10.0	10751.81	10752.03	10752.15	10752.13	10751.92	10751.49	10750.79	10751.10	10751.17	10751.05
10.5	10735.03	10735.29	10735.44	10735.43	10735.22	10734.77	10734.02	10734.33	10734.40	10734.27
11.0	10717.35	10717.63	10717.79	10717.79	10717.58	10717.11	10716.32	10716.63	10716.69	10716.55
11.5	10698.51	10698.79	10698.96	10698.97	10698.78	10698.33	10697.58	10697.89	10697.94	10697.80
12.0	10678.69	10678.97	10679.16	10679.20	10679.04	10678.63	10677.91	10678.23	10678.29	10678.15
12.5	10657.98	10658.31	10658.55	10658.63	10658.50	10658.10	10657.37	10657.72	10657.80	10657.67
13.0	10636.44	10636.82	10637.11	10637.24	10637.15	10636.76	10636.01	10636.43	10636.55	10636.44
13.5	10614.16	10614.58	10614.92	10615.09	10615.04	10614.70	10613.99	10614.52	10614.72	10614.67
14.0	10591.11	10591.56	10591.94	10592.15	10592.14	10591.83	10591.16	10591.75	10592.01	10591.99
14.5	10567.32	10567.80	10568.20	10568.43	10568.42	10568.09	10567.38	10567.87	10568.02	10567.90
15.0	10542.72	10543.23	10543.63	10543.86	10543.84	10543.49	10542.73	10543.10	10543.14	10542.94
15.5	10517.21	10517.72	10518.12	10518.35	10518.33	10517.98	10517.22	10517.65	10517.75	10517.58
16.0	10490.91	10491.40	10491.79	10492.02	10491.98	10491.62	10490.84	10491.38	10491.56	10491.45
16.5	10463.88	10464.37	10464.75	10464.94	10464.86	10464.42	10463.54	10464.13	10464.35	10464.27
17.0	10436.09	10436.56	10436.92	10437.08	10436.94	10436.43	10435.46	10436.07	10436.30	10436.23
17.5	10407.54	10407.99	10408.31	10408.43	10408.26	10407.72	10406.72	10407.31	10407.52	10407.43
18.0	10378.13	10378.56	10378.87	10378.97	10378.78	10378.23	10377.23	10377.79	10377.98	10377.87
18.5	10347.71	10348.17	10348.50	10348.63	10348.46	10347.92	10346.92	10347.50	10347.69	10347.57
19.0	10316.44	10316.94	10317.31	10317.47	10317.33	10316.80	10315.79	10316.41	10316.61	10316.50
19.5	10284.48	10284.99	10285.38	10285.56	10285.42	10284.88	10283.83	10284.49	10284.73	10284.63
20.0	10251.72	10252.25	10252.66	10252.84	10252.70	10252.13	10251.05	10251.76	10252.02	10251.94
20.5	10218.17	10218.71	10219.12	10219.30	10219.16	10218.60	10217.51	10218.20	10218.45	10218.34
21.0	10183.73	10184.28	10184.70	10184.90	10184.76	10184.21	10183.12	10183.80	10184.02	10183.89
21.5	10148.28	10148.87	10149.33	10149.55	10149.44	10148.88	10147.78	10148.50	10148.74	10148.61
22.0	10111.94	10112.57	10113.07	10113.33	10113.25	10112.70	10111.59	10112.36	10112.63	10112.51
22.5	10074.74	10075.42	10075.96	10076.26	10076.22	10075.71	10074.63	10075.42	10075.71	10075.58
23.0	10036.79	10037.50	10038.08	10038.41	10038.40	10037.92	10036.86	10037.67	10037.96	10037.83
23.5	9998.28	9998.99	9999.57	9999.91	9999.88	9999.38	9998.30	9999.12	9999.39	9999.24
24.0	9958.94	9959.67	9960.27	9960.61	9960.58	9960.07	9958.95	9959.77	9960.02	9959.83
24.5	9918.51	9919.32	9920.00	9920.43	9920.47	9920.00	9918.90	9919.71	9919.92	9919.66
25.0	9877.26	9878.14	9878.89	9879.38	9879.46	9879.01	9877.90	9878.74	9878.95	9878.67
25.5	9835.53	9836.35	9837.03	9837.43	9837.41	9836.85	9835.61	9836.61	9836.95	9836.78
26.0	9792.93	9793.68	9794.28	9794.57	9794.45	9793.77	9792.41	9793.56	9794.05	9794.00
26.5	9749.05	9749.84	9750.47	9750.80	9750.70	9750.03	9748.66	9749.86	9750.38	9750.33
27.0	9704.20	9705.03	9705.71	9706.09	9706.03	9705.39	9704.04	9705.26	9705.77	9705.72
27.5	9658.58	9659.37	9660.01	9660.35	9660.27	9659.60	9658.23	9659.49	9660.05	9660.06
28.0	9612.13	9612.87	9613.47	9613.77	9613.63	9612.93	9611.53	9612.83	9613.45	9613.50
28.5	9564.88	9565.63	9566.21	9566.49	9566.32	9565.58	9564.11	9565.47	9566.12	9566.20
29.0	9516.79	9517.56	9518.16	9518.44	9518.27	9517.51	9516.01	9517.39	9518.04	9518.11

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

29.5	9467.77	9468.60	9469.26	9469.63	9469.53	9468.84	9467.40	9468.71	9469.27	9469.23
30.0	9418.00	9418.88	9419.60	9420.02	9419.99	9419.35	9417.94	9419.18	9419.67	9419.54
30.5	9367.78	9368.65	9369.35	9369.71	9369.60	9368.85	9367.33	9368.64	9369.18	9369.10
31.0	9316.67	9317.52	9318.15	9318.43	9318.19	9317.30	9315.60	9317.03	9317.68	9317.68
31.5	9264.27	9265.04	9265.58	9265.74	9265.38	9264.36	9262.51	9264.06	9264.82	9264.93
32.0	9210.88	9211.59	9212.08	9212.18	9211.75	9210.64	9208.70	9210.33	9211.16	9211.34
32.5	9156.70	9157.51	9158.10	9158.30	9157.97	9156.94	9155.07	9156.63	9157.38	9157.46
33.0	9101.65	9102.57	9103.26	9103.57	9103.34	9102.41	9100.63	9102.10	9102.76	9102.75
33.5	9045.69	9046.56	9047.21	9047.48	9047.20	9046.23	9044.41	9045.93	9046.63	9046.68
34.0	8988.87	8989.70	8990.28	8990.47	8990.12	8989.08	8987.21	8988.79	8989.58	8989.71
34.5	8931.26	8932.09	8932.68	8932.86	8932.48	8931.41	8929.49	8931.15	8932.03	8932.24
35.0	8872.86	8873.73	8874.35	8874.55	8874.18	8873.10	8871.16	8872.86	8873.76	8874.00
35.5	8813.77	8814.70	8815.37	8815.63	8815.33	8814.31	8812.42	8813.96	8814.70	8814.78
36.0	8753.82	8754.81	8755.55	8755.89	8755.65	8754.70	8752.86	8754.26	8754.84	8754.76
36.5	8692.75	8693.79	8694.59	8694.99	8694.81	8693.90	8692.08	8693.53	8694.15	8694.09
37.0	8630.99	8632.05	8632.87	8633.28	8633.10	8632.17	8630.32	8631.88	8632.58	8632.59
37.5	8569.19	8570.16	8570.86	8571.13	8570.80	8569.71	8567.68	8569.30	8570.06	8570.11
38.0	8506.52	8507.41	8508.00	8508.13	8507.65	8506.39	8504.19	8505.85	8506.63	8506.69
38.5	8442.15	8443.08	8443.71	8443.87	8443.41	8442.17	8439.98	8441.57	8442.29	8442.28
39.0	8376.80	8377.78	8378.46	8378.68	8378.27	8377.07	8374.90	8376.44	8377.08	8377.00
39.5	8311.04	8312.00	8312.66	8312.84	8312.38	8311.12	8308.89	8310.44	8311.09	8311.01
40.0	8244.45	8245.38	8246.00	8246.13	8245.61	8244.27	8241.94	8243.50	8244.16	8244.08
40.5	8176.77	8177.71	8178.33	8178.43	8177.86	8176.43	8173.98	8175.47	8176.05	8175.87
41.0	8108.07	8109.05	8109.69	8109.79	8109.19	8107.71	8105.17	8106.58	8107.05	8106.77
41.5	8038.25	8039.29	8039.98	8040.15	8039.61	8038.18	8035.69	8037.03	8037.44	8037.09
42.0	7967.60	7968.70	7969.46	7969.70	7969.22	7967.86	7965.42	7966.74	7967.11	7966.72
42.5	7896.54	7897.68	7898.48	7898.73	7898.26	7896.88	7894.39	7895.78	7896.18	7895.79
43.0	7824.60	7825.77	7826.58	7826.84	7826.34	7824.91	7822.35	7823.85	7824.32	7823.96
43.5	7751.46	7752.61	7753.40	7753.61	7753.06	7751.55	7748.89	7750.50	7751.06	7750.77
44.0	7677.17	7678.31	7679.10	7679.31	7678.76	7677.24	7674.54	7676.27	7676.92	7676.70
44.5	7601.45	7602.67	7603.57	7603.95	7603.59	7602.29	7599.84	7601.66	7602.37	7602.19
45.0	7524.92	7526.23	7527.27	7527.83	7527.69	7526.62	7524.41	7526.29	7527.03	7526.85
45.5	7448.28	7449.68	7450.81	7451.43	7451.33	7450.28	7448.05	7449.95	7450.66	7450.41
46.0	7370.95	7372.42	7373.59	7374.25	7374.15	7373.06	7370.76	7372.62	7373.27	7372.93
46.5	7292.56	7294.03	7295.21	7295.87	7295.78	7294.70	7292.40	7294.15	7294.69	7294.27
47.0	7213.16	7214.61	7215.80	7216.48	7216.42	7215.38	7213.13	7214.77	7215.22	7214.73
47.5	7132.58	7134.10	7135.37	7136.15	7136.21	7135.30	7133.20	7134.83	7135.27	7134.75
48.0	7051.05	7052.62	7053.95	7054.81	7054.95	7054.14	7052.14	7053.81	7054.26	7053.74
48.5	6968.74	6970.27	6971.54	6972.32	6972.37	6971.44	6969.29	6971.01	6971.51	6971.03
49.0	6885.58	6887.05	6888.24	6888.92	6888.84	6887.77	6885.47	6887.20	6887.73	6887.30
49.5	6801.49	6802.94	6804.12	6804.79	6804.70	6803.64	6801.37	6803.02	6803.50	6803.05
50.0	6716.60	6718.06	6719.25	6719.93	6719.88	6718.87	6716.67	6718.20	6718.60	6718.08
50.5	6631.09	6632.59	6633.82	6634.54	6634.54	6633.58	6631.45	6632.81	6633.05	6632.41
51.0	6544.81	6546.34	6547.58	6548.32	6548.33	6547.39	6545.28	6546.51	6546.64	6545.92
51.5	6457.83	6459.28	6460.43	6461.05	6460.94	6459.88	6457.64	6458.94	6459.16	6458.51
52.0	6369.73	6371.12	6372.18	6372.70	6372.46	6371.25	6368.87	6370.30	6370.63	6370.09
52.5	6279.83	6281.30	6282.42	6282.98	6282.75	6281.51	6279.06	6280.54	6280.90	6280.37
53.0	6188.99	6190.53	6191.72	6192.33	6192.13	6190.90	6188.41	6189.96	6190.37	6189.87
53.5	6098.16	6099.63	6100.74	6101.27	6101.01	6099.72	6097.20	6098.95	6099.56	6099.24
54.0	6006.34	6007.75	6008.82	6009.32	6009.05	6007.79	6005.31	6007.20	6007.95	6007.76
54.5	5912.45	5914.03	5915.31	5916.08	5916.08	5915.11	5912.91	5914.61	5915.15	5914.77
55.0	5817.60	5819.34	5820.84	5821.84	5822.10	5821.36	5819.39	5820.93	5821.30	5820.73
55.5	5722.76	5724.46	5725.88	5726.78	5726.90	5726.02	5723.87	5725.71	5726.33	5725.97
56.0	5627.19	5628.83	5630.14	5630.89	5630.84	5629.73	5627.34	5629.51	5630.42	5630.29
56.5	5530.34	5532.08	5533.50	5534.35	5534.35	5533.26	5530.81	5532.96	5533.81	5533.61
57.0	5432.53	5434.36	5435.88	5436.82	5436.89	5435.82	5433.34	5435.47	5436.27	5436.01

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

57.5	5333.94	5335.67	5337.08	5337.90	5337.85	5336.64	5334.00	5336.46	5337.54	5337.52
58.0	5234.38	5236.00	5237.29	5238.00	5237.84	5236.54	5233.81	5236.58	5237.96	5238.19
58.5	5133.69	5135.33	5136.72	5137.54	5137.54	5136.40	5133.86	5136.65	5138.03	5138.27
59.0	5032.00	5033.69	5035.15	5036.10	5036.23	5035.27	5032.91	5035.60	5036.89	5037.05
59.5	4930.12	4931.72	4933.08	4933.90	4933.90	4932.79	4930.30	4932.88	4934.09	4934.18
60.0	4825.89	4827.42	4828.67	4829.37	4829.23	4827.97	4825.32	4827.80	4828.91	4828.91
60.5	4717.00	4718.61	4719.96	4720.76	4720.74	4719.60	4717.07	4719.44	4720.43	4720.32
61.0	4604.62	4606.33	4607.81	4608.77	4608.91	4607.93	4605.55	4607.88	4608.81	4608.62
61.5	4488.74	4490.50	4492.08	4493.14	4493.38	4492.49	4490.14	4492.57	4493.53	4493.33
62.0	4370.61	4372.35	4373.92	4374.99	4375.22	4374.29	4371.86	4374.50	4375.61	4375.50
62.5	4251.39	4252.88	4254.16	4254.91	4254.81	4253.54	4250.78	4253.87	4255.45	4255.79
63.0	4131.36	4132.66	4133.70	4134.18	4133.79	4132.22	4129.17	4132.51	4134.35	4134.97
63.5	4010.74	4012.28	4013.57	4014.27	4014.09	4012.71	4009.82	4012.56	4013.80	4013.83
64.0	3890.88	3892.71	3894.25	3895.20	3895.24	3894.04	3891.30	3893.23	3893.66	3892.92
64.5	3773.86	3775.66	3777.08	3777.83	3777.60	3776.10	3773.05	3774.33	3774.16	3772.90
65.0	3657.84	3659.47	3660.62	3661.04	3660.45	3658.59	3655.22	3656.15	3655.71	3654.24
65.5	3541.92	3543.25	3544.05	3544.11	3543.23	3541.21	3537.84	3539.16	3539.18	3538.22
66.0	3425.31	3426.37	3426.91	3426.77	3425.79	3423.83	3420.73	3422.68	3423.38	3423.08
66.5	3306.73	3307.75	3308.39	3308.51	3307.95	3306.56	3304.18	3306.71	3307.87	3307.94
67.0	3186.75	3187.84	3188.72	3189.23	3189.19	3188.44	3186.80	3189.75	3191.20	3191.43
67.5	3065.13	3066.47	3067.65	3068.49	3068.80	3068.40	3067.08	3069.94	3071.24	3071.26
68.0	2942.90	2944.41	2945.77	2946.78	2947.22	2946.91	2945.64	2948.40	2949.56	2949.42
68.5	2821.24	2822.44	2823.48	2824.14	2824.22	2823.50	2821.78	2825.04	2826.68	2826.99
69.0	2699.53	2700.41	2701.10	2701.41	2701.11	2700.00	2697.86	2701.57	2703.66	2704.40
69.5	2576.42	2577.37	2578.17	2578.60	2578.46	2577.56	2575.69	2579.17	2581.08	2581.69
70.0	2455.33	2456.47	2457.47	2458.14	2458.28	2457.70	2456.19	2459.25	2460.80	2461.11
70.5	2341.12	2342.42	2343.56	2344.34	2344.55	2344.00	2342.47	2345.18	2346.43	2346.47
71.0	2228.14	2229.53	2230.76	2231.60	2231.85	2231.30	2229.73	2232.22	2233.26	2233.14
71.5	2110.67	2111.98	2113.20	2114.10	2114.48	2114.13	2112.83	2115.35	2116.45	2116.40
72.0	1993.73	1994.90	1996.01	1996.88	1997.30	1997.06	1995.95	1998.68	2000.02	2000.21
72.5	1881.38	1882.37	1883.26	1883.84	1883.93	1883.34	1881.87	1885.08	1886.92	1887.60
73.0	1770.76	1771.62	1772.32	1772.65	1772.44	1771.51	1769.67	1773.29	1775.54	1776.64
73.5	1659.72	1660.64	1661.41	1661.86	1661.79	1661.02	1659.35	1662.82	1664.93	1665.93
74.0	1550.24	1551.23	1552.13	1552.75	1552.90	1552.38	1551.00	1554.22	1556.12	1556.91
74.5	1443.48	1444.39	1445.29	1445.96	1446.21	1445.84	1444.65	1447.92	1449.87	1450.71
75.0	1339.78	1340.59	1341.39	1341.98	1342.16	1341.73	1340.48	1343.88	1345.97	1346.95
75.5	1240.59	1241.23	1241.74	1241.92	1241.57	1240.49	1238.49	1242.11	1244.43	1245.67
76.0	1143.82	1144.39	1144.69	1144.52	1143.69	1142.02	1139.31	1142.96	1145.36	1146.71
76.5	1047.20	1048.06	1048.60	1048.65	1048.01	1046.50	1043.94	1046.96	1048.80	1049.66
77.0	952.71	953.84	954.67	955.01	954.66	953.46	951.20	953.62	954.92	955.29
77.5	861.66	862.69	863.43	863.67	863.26	862.00	859.73	862.32	863.81	864.38
78.0	773.78	774.66	775.25	775.37	774.84	773.50	771.16	774.00	775.73	776.53
78.5	689.50	690.38	690.95	691.05	690.50	689.12	686.75	689.24	690.61	691.06
79.0	608.06	609.05	609.77	610.05	609.70	608.54	606.37	608.50	609.49	609.56
79.5	528.21	529.57	530.91	531.97	532.54	532.39	531.28	533.49	534.55	534.65
80.0	451.85	453.48	455.26	456.92	458.22	458.88	458.67	461.03	462.25	462.52
80.5	379.58	380.92	382.30	383.53	384.39	384.68	384.20	386.56	387.90	388.38
81.0	314.03	314.86	315.51	315.85	315.75	315.08	313.72	315.85	317.15	317.76
81.5	260.60	260.78	260.42	259.44	257.80	255.43	252.27	253.56	254.34	254.70
82.0	211.61	211.35	210.29	208.42	205.73	202.20	197.84	198.44	198.75	198.88
82.5	157.74	157.84	157.41	156.44	154.88	152.72	149.94	150.86	151.41	151.67
83.0	109.33	109.88	110.25	110.40	110.28	109.82	109.00	110.47	111.45	111.99
83.5	75.64	76.04	76.31	76.41	76.31	75.98	75.38	77.10	78.39	79.28
84.0	50.58	50.73	50.71	50.53	50.17	49.62	48.87	50.64	52.09	53.24
84.5	30.72	30.80	30.78	30.65	30.41	30.05	29.57	31.07	32.33	33.34
85.0	17.35	17.42	17.44	17.41	17.33	17.18	16.97	18.06	18.97	19.68

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

85.5	11.98	12.02	12.04	12.03	11.99	11.92	11.81	12.43	12.94	13.33
86.0	10.57	10.60	10.61	10.61	10.58	10.54	10.47	10.68	10.84	10.95
86.5	9.41	9.43	9.44	9.44	9.43	9.41	9.36	9.46	9.51	9.54
87.0	9.10	9.12	9.13	9.14	9.14	9.12	9.09	9.16	9.21	9.22
87.5	9.02	9.04	9.06	9.07	9.06	9.05	9.02	9.07	9.10	9.10
88.0	9.20	9.22	9.24	9.25	9.24	9.23	9.20	9.24	9.26	9.26
88.5	9.46	9.48	9.49	9.50	9.50	9.49	9.45	9.50	9.51	9.50
89.0	9.78	9.80	9.81	9.82	9.82	9.81	9.78	9.81	9.82	9.81
89.5	10.07	10.10	10.11	10.12	10.12	10.11	10.08	10.11	10.12	10.10
90.0	10.38	10.40	10.42	10.43	10.43	10.41	10.38	10.42	10.43	10.41

**Vert.
Angles**

Horizontal Angles

	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.38	10914.34	10914.29	10914.25	10914.20	10914.17	10914.14	10914.12	10914.12	10914.18
1.0	10912.96	10912.90	10912.83	10912.75	10912.68	10912.61	10912.55	10912.51	10912.49	10912.57
1.5	10910.65	10910.61	10910.54	10910.45	10910.36	10910.26	10910.16	10910.08	10910.01	10910.05
2.0	10907.46	10907.44	10907.39	10907.31	10907.21	10907.09	10906.97	10906.85	10906.75	10906.73
2.5	10903.37	10903.37	10903.33	10903.27	10903.19	10903.09	10902.99	10902.88	10902.79	10902.77
3.0	10898.46	10898.46	10898.42	10898.38	10898.32	10898.25	10898.18	10898.10	10898.03	10898.03
3.5	10892.75	10892.72	10892.65	10892.62	10892.58	10892.53	10892.48	10892.43	10892.39	10892.41
4.0	10886.30	10886.23	10886.13	10886.10	10886.06	10886.01	10885.97	10885.94	10885.92	10885.96
4.5	10879.16	10879.08	10878.98	10878.91	10878.84	10878.76	10878.69	10878.63	10878.58	10878.63
5.0	10871.35	10871.28	10871.16	10871.06	10870.96	10870.84	10870.74	10870.64	10870.57	10870.61
5.5	10863.01	10862.89	10862.72	10862.63	10862.53	10862.43	10862.33	10862.24	10862.18	10862.20
6.0	10853.92	10853.74	10853.52	10853.44	10853.35	10853.27	10853.20	10853.13	10853.08	10853.09
6.5	10843.84	10843.61	10843.35	10843.26	10843.17	10843.10	10843.04	10842.99	10842.97	10842.99
7.0	10832.97	10832.70	10832.41	10832.31	10832.22	10832.16	10832.11	10832.08	10832.07	10832.10
7.5	10821.52	10821.23	10820.93	10820.84	10820.77	10820.71	10820.67	10820.64	10820.62	10820.64
8.0	10809.24	10808.96	10808.65	10808.57	10808.50	10808.44	10808.40	10808.37	10808.34	10808.33
8.5	10795.92	10795.64	10795.33	10795.25	10795.17	10795.10	10795.05	10795.00	10794.97	10794.96
9.0	10781.69	10781.41	10781.10	10781.00	10780.91	10780.82	10780.75	10780.69	10780.65	10780.64
9.5	10766.68	10766.36	10766.00	10765.88	10765.75	10765.64	10765.54	10765.45	10765.38	10765.36
10.0	10750.79	10750.43	10750.02	10749.88	10749.74	10749.61	10749.49	10749.39	10749.30	10749.27
10.5	10733.99	10733.61	10733.19	10733.07	10732.96	10732.85	10732.77	10732.69	10732.63	10732.61
11.0	10716.26	10715.87	10715.44	10715.35	10715.27	10715.21	10715.15	10715.11	10715.08	10715.10
11.5	10697.50	10697.11	10696.67	10696.59	10696.52	10696.47	10696.43	10696.41	10696.40	10696.44
12.0	10677.85	10677.45	10677.01	10676.94	10676.88	10676.84	10676.82	10676.81	10676.82	10676.88
12.5	10657.38	10656.98	10656.55	10656.50	10656.48	10656.48	10656.49	10656.51	10656.54	10656.61
13.0	10636.16	10635.77	10635.33	10635.31	10635.31	10635.32	10635.35	10635.39	10635.44	10635.51
13.5	10614.43	10614.05	10613.60	10613.54	10613.49	10613.44	10613.41	10613.40	10613.40	10613.51
14.0	10591.76	10591.38	10590.92	10590.82	10590.72	10590.63	10590.56	10590.51	10590.49	10590.65
14.5	10567.59	10567.15	10566.66	10566.60	10566.57	10566.57	10566.59	10566.64	10566.71	10566.92
15.0	10542.55	10542.05	10541.53	10541.53	10541.58	10541.67	10541.80	10541.96	10542.14	10542.39
15.5	10517.21	10516.73	10516.21	10516.23	10516.29	10516.39	10516.52	10516.67	10516.85	10517.10
16.0	10491.13	10490.68	10490.18	10490.21	10490.28	10490.38	10490.50	10490.64	10490.81	10491.03
16.5	10463.97	10463.54	10463.05	10463.15	10463.28	10463.44	10463.62	10463.81	10464.02	10464.23
17.0	10435.94	10435.52	10435.05	10435.20	10435.39	10435.61	10435.85	10436.10	10436.35	10436.56
17.5	10407.13	10406.70	10406.23	10406.40	10406.61	10406.84	10407.10	10407.36	10407.61	10407.81
18.0	10377.55	10377.11	10376.63	10376.79	10376.99	10377.23	10377.49	10377.75	10378.00	10378.18
18.5	10347.23	10346.77	10346.26	10346.42	10346.63	10346.87	10347.13	10347.41	10347.68	10347.89
19.0	10316.14	10315.65	10315.12	10315.28	10315.48	10315.72	10315.98	10316.25	10316.52	10316.74
19.5	10284.29	10283.80	10283.25	10283.39	10283.57	10283.77	10283.99	10284.22	10284.43	10284.57
20.0	10251.60	10251.10	10250.53	10250.66	10250.81	10250.98	10251.16	10251.34	10251.50	10251.54
20.5	10217.97	10217.44	10216.85	10216.96	10217.11	10217.28	10217.46	10217.64	10217.80	10217.84

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

21.0	10183.49	10182.92	10182.30	10182.40	10182.53	10182.69	10182.87	10183.05	10183.23	10183.30
21.5	10148.20	10147.61	10146.95	10147.00	10147.09	10147.20	10147.33	10147.48	10147.63	10147.75
22.0	10112.09	10111.48	10110.79	10110.80	10110.84	10110.90	10110.99	10111.10	10111.23	10111.39
22.5	10075.16	10074.54	10073.83	10073.84	10073.88	10073.96	10074.05	10074.17	10074.30	10074.48
23.0	10037.39	10036.75	10036.02	10036.04	10036.09	10036.17	10036.27	10036.40	10036.54	10036.72
23.5	9998.76	9998.07	9997.29	9997.27	9997.27	9997.31	9997.38	9997.48	9997.60	9997.80
24.0	9959.30	9958.56	9957.72	9957.66	9957.63	9957.64	9957.69	9957.76	9957.87	9958.08
24.5	9919.06	9918.24	9917.33	9917.31	9917.34	9917.41	9917.52	9917.65	9917.80	9917.97
25.0	9878.02	9877.15	9876.20	9876.20	9876.26	9876.37	9876.51	9876.66	9876.83	9876.97
25.5	9836.21	9835.39	9834.46	9834.37	9834.32	9834.29	9834.30	9834.33	9834.40	9834.55
26.0	9793.53	9792.77	9791.86	9791.67	9791.49	9791.33	9791.19	9791.08	9791.03	9791.19
26.5	9749.85	9749.07	9748.12	9747.92	9747.72	9747.52	9747.35	9747.21	9747.12	9747.23
27.0	9705.22	9704.42	9703.45	9703.27	9703.08	9702.90	9702.75	9702.61	9702.52	9702.56
27.5	9659.62	9658.88	9657.97	9657.84	9657.70	9657.56	9657.44	9657.33	9657.26	9657.29
28.0	9613.13	9612.45	9611.61	9611.53	9611.43	9611.33	9611.24	9611.17	9611.11	9611.14
28.5	9565.84	9565.16	9564.32	9564.23	9564.13	9564.03	9563.93	9563.84	9563.78	9563.82
29.0	9517.71	9517.00	9516.12	9516.01	9515.89	9515.78	9515.67	9515.57	9515.51	9515.57
29.5	9468.73	9467.91	9466.93	9466.81	9466.69	9466.58	9466.49	9466.43	9466.40	9466.52
30.0	9418.95	9418.04	9416.98	9416.84	9416.71	9416.61	9416.54	9416.50	9416.51	9416.66
30.5	9368.53	9367.64	9366.58	9366.43	9366.29	9366.17	9366.07	9366.00	9365.97	9366.07
31.0	9317.19	9316.35	9315.33	9315.19	9315.04	9314.89	9314.75	9314.64	9314.56	9314.59
31.5	9264.53	9263.78	9262.82	9262.71	9262.59	9262.45	9262.31	9262.17	9262.06	9262.02
32.0	9211.00	9210.29	9209.38	9209.30	9209.19	9209.05	9208.91	9208.77	9208.63	9208.53
32.5	9157.03	9156.24	9155.24	9155.11	9154.96	9154.79	9154.62	9154.46	9154.32	9154.23
33.0	9102.23	9101.35	9100.27	9100.10	9099.91	9099.72	9099.54	9099.38	9099.24	9099.17
33.5	9046.21	9045.39	9044.38	9044.26	9044.14	9044.00	9043.86	9043.73	9043.61	9043.49
34.0	8989.34	8988.61	8987.69	8987.64	8987.58	8987.50	8987.40	8987.30	8987.19	8987.06
34.5	8931.95	8931.29	8930.42	8930.37	8930.28	8930.17	8930.05	8929.92	8929.80	8929.73
35.0	8873.72	8873.08	8872.22	8872.16	8872.07	8871.95	8871.83	8871.70	8871.59	8871.59
35.5	8814.35	8813.58	8812.63	8812.65	8812.67	8812.68	8812.69	8812.70	8812.70	8812.67
36.0	8754.18	8753.27	8752.22	8752.32	8752.46	8752.60	8752.75	8752.89	8753.01	8752.93
36.5	8693.53	8692.63	8691.58	8691.73	8691.91	8692.09	8692.28	8692.44	8692.57	8692.45
37.0	8632.08	8631.22	8630.20	8630.34	8630.50	8630.66	8630.81	8630.94	8631.02	8630.90
37.5	8569.62	8568.76	8567.72	8567.75	8567.78	8567.81	8567.83	8567.84	8567.84	8567.77
38.0	8506.19	8505.32	8504.23	8504.14	8504.04	8503.94	8503.84	8503.75	8503.67	8503.65
38.5	8441.72	8440.78	8439.64	8439.54	8439.44	8439.34	8439.25	8439.17	8439.11	8439.08
39.0	8376.37	8375.36	8374.17	8374.07	8373.98	8373.90	8373.84	8373.79	8373.76	8373.74
39.5	8310.38	8309.35	8308.14	8307.97	8307.81	8307.67	8307.55	8307.47	8307.43	8307.55
40.0	8243.42	8242.38	8241.13	8240.89	8240.66	8240.45	8240.29	8240.17	8240.13	8240.40
40.5	8175.12	8173.98	8172.65	8172.37	8172.11	8171.90	8171.74	8171.65	8171.65	8172.01
41.0	8105.92	8104.68	8103.27	8102.98	8102.74	8102.56	8102.44	8102.41	8102.46	8102.87
41.5	8036.18	8034.90	8033.46	8033.27	8033.13	8033.05	8033.04	8033.10	8033.22	8033.55
42.0	7965.78	7964.47	7963.02	7962.90	7962.85	7962.86	7962.93	7963.05	7963.21	7963.48
42.5	7894.82	7893.47	7891.96	7891.77	7891.65	7891.59	7891.59	7891.66	7891.80	7892.12
43.0	7822.99	7821.61	7820.04	7819.78	7819.57	7819.43	7819.35	7819.36	7819.45	7819.84
43.5	7749.85	7748.50	7746.95	7746.74	7746.58	7746.47	7746.42	7746.45	7746.55	7746.93
44.0	7675.82	7674.51	7672.98	7672.82	7672.69	7672.61	7672.59	7672.62	7672.72	7673.08
44.5	7601.33	7600.00	7598.44	7598.18	7597.95	7597.76	7597.63	7597.56	7597.57	7597.95
45.0	7525.96	7524.59	7522.97	7522.62	7522.29	7522.00	7521.76	7521.60	7521.53	7521.90
45.5	7449.43	7447.96	7446.24	7445.92	7445.62	7445.37	7445.16	7445.02	7444.96	7445.24
46.0	7371.85	7370.28	7368.47	7368.21	7367.99	7367.82	7367.70	7367.62	7367.60	7367.77
46.5	7293.13	7291.51	7289.68	7289.50	7289.38	7289.31	7289.29	7289.31	7289.37	7289.49
47.0	7213.53	7211.89	7210.05	7209.91	7209.84	7209.84	7209.89	7209.97	7210.08	7210.19
47.5	7133.51	7131.80	7129.90	7129.66	7129.50	7129.39	7129.35	7129.36	7129.41	7129.54
48.0	7052.48	7050.74	7048.79	7048.46	7048.18	7047.98	7047.83	7047.75	7047.74	7047.91
48.5	6969.83	6968.14	6966.24	6965.93	6965.69	6965.50	6965.38	6965.33	6965.34	6965.57

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

49.0	6886.16	6884.54	6882.71	6882.48	6882.31	6882.21	6882.18	6882.20	6882.28	6882.56
49.5	6801.90	6800.31	6798.53	6798.42	6798.39	6798.44	6798.54	6798.69	6798.89	6799.17
50.0	6716.90	6715.31	6713.55	6713.55	6713.64	6713.81	6714.05	6714.32	6714.63	6714.90
50.5	6631.14	6629.48	6627.68	6627.68	6627.79	6628.01	6628.29	6628.63	6628.99	6629.28
51.0	6544.57	6542.85	6541.02	6540.98	6541.07	6541.27	6541.55	6541.89	6542.26	6542.58
51.5	6457.23	6455.57	6453.76	6453.65	6453.66	6453.76	6453.95	6454.19	6454.49	6454.86
52.0	6368.90	6367.31	6365.56	6365.42	6365.36	6365.40	6365.51	6365.69	6365.93	6366.32
52.5	6279.19	6277.60	6275.86	6275.86	6275.96	6276.15	6276.41	6276.72	6277.05	6277.38
53.0	6188.71	6187.13	6185.41	6185.52	6185.74	6186.04	6186.40	6186.80	6187.20	6187.48
53.5	6098.24	6096.79	6095.15	6095.09	6095.10	6095.16	6095.29	6095.46	6095.67	6095.97
54.0	6006.87	6005.51	6003.90	6003.65	6003.42	6003.24	6003.12	6003.06	6003.08	6003.43
54.5	5913.69	5912.15	5910.41	5910.15	5909.95	5909.82	5909.76	5909.79	5909.90	5910.32
55.0	5819.47	5817.77	5815.89	5815.67	5815.54	5815.50	5815.56	5815.70	5815.93	5816.42
55.5	5724.87	5723.29	5721.49	5721.22	5721.02	5720.90	5720.86	5720.91	5721.07	5721.65
56.0	5629.39	5627.95	5626.25	5625.98	5625.75	5625.56	5625.45	5625.42	5625.51	5626.11
56.5	5532.63	5531.12	5529.36	5529.26	5529.21	5529.21	5529.27	5529.39	5529.57	5530.00
57.0	5434.94	5433.37	5431.56	5431.62	5431.75	5431.93	5432.15	5432.40	5432.67	5432.89
57.5	5336.66	5335.24	5333.53	5333.57	5333.62	5333.70	5333.80	5333.92	5334.05	5334.23
58.0	5237.54	5236.28	5234.68	5234.66	5234.61	5234.55	5234.50	5234.46	5234.45	5234.63
58.5	5137.62	5136.36	5134.77	5134.77	5134.74	5134.70	5134.67	5134.63	5134.61	5134.73
59.0	5036.34	5035.04	5033.42	5033.47	5033.52	5033.57	5033.61	5033.66	5033.71	5033.82
59.5	4933.41	4932.08	4930.46	4930.61	4930.77	4930.95	4931.15	4931.36	4931.58	4931.85
60.0	4828.07	4826.69	4825.06	4825.28	4825.56	4825.87	4826.22	4826.60	4827.00	4827.46
60.5	4719.39	4717.93	4716.22	4716.43	4716.70	4717.05	4717.45	4717.89	4718.38	4719.00
61.0	4607.60	4606.05	4604.28	4604.47	4604.76	4605.13	4605.56	4606.06	4606.60	4607.28
61.5	4492.26	4490.64	4488.80	4489.15	4489.59	4490.12	4490.70	4491.31	4491.93	4492.45
62.0	4374.49	4372.90	4371.07	4371.52	4372.07	4372.67	4373.31	4373.94	4374.55	4374.87
62.5	4255.19	4253.95	4252.38	4252.66	4252.94	4253.22	4253.50	4253.76	4254.02	4254.25
63.0	4134.63	4133.61	4132.20	4132.32	4132.38	4132.40	4132.40	4132.40	4132.42	4132.64
63.5	4012.94	4011.44	4009.66	4009.87	4010.12	4010.42	4010.76	4011.14	4011.55	4012.08
64.0	3891.33	3889.25	3887.03	3887.49	3888.15	3888.96	3889.85	3890.79	3891.70	3892.25
64.5	3770.89	3768.52	3766.16	3767.24	3768.60	3770.13	3771.67	3773.11	3774.29	3773.61
65.0	3652.11	3649.70	3647.39	3648.94	3650.83	3652.84	3654.79	3656.49	3657.76	3655.94
65.5	3536.60	3534.65	3532.72	3534.03	3535.57	3537.20	3538.77	3540.12	3541.13	3539.67
66.0	3422.07	3420.64	3419.07	3419.86	3420.76	3421.70	3422.61	3423.41	3424.03	3423.37
66.5	3307.17	3305.84	3304.25	3304.45	3304.68	3304.94	3305.21	3305.48	3305.75	3305.77
67.0	3190.71	3189.32	3187.56	3187.27	3186.96	3186.68	3186.45	3186.32	3186.33	3186.90
67.5	3070.30	3068.66	3066.66	3066.27	3065.89	3065.56	3065.31	3065.20	3065.25	3065.96
68.0	2948.29	2946.49	2944.35	2944.02	2943.74	2943.52	2943.40	2943.41	2943.57	2944.27
68.5	2826.26	2824.82	2822.98	2822.80	2822.61	2822.44	2822.33	2822.31	2822.43	2823.15
69.0	2704.08	2703.01	2701.49	2701.44	2701.31	2701.16	2701.04	2700.98	2701.03	2701.80
69.5	2581.27	2580.12	2578.55	2578.36	2578.13	2577.89	2577.70	2577.62	2577.70	2578.70
70.0	2460.44	2459.10	2457.37	2457.04	2456.70	2456.40	2456.18	2456.11	2456.23	2457.36
70.5	2345.59	2344.08	2342.24	2341.99	2341.75	2341.57	2341.47	2341.48	2341.63	2342.46
71.0	2232.13	2230.52	2228.62	2228.48	2228.38	2228.33	2228.35	2228.44	2228.61	2229.08
71.5	2115.47	2113.95	2112.14	2111.99	2111.88	2111.81	2111.80	2111.87	2112.03	2112.53
72.0	1999.52	1998.23	1996.60	1996.49	1996.38	1996.28	1996.24	1996.26	1996.37	1996.89
72.5	1887.39	1886.53	1885.31	1885.48	1885.58	1885.63	1885.65	1885.66	1885.68	1885.84
73.0	1776.82	1776.34	1775.44	1775.81	1776.06	1776.19	1776.22	1776.18	1776.07	1775.94
73.5	1666.01	1665.43	1664.42	1664.49	1664.42	1664.26	1664.04	1663.79	1663.55	1663.65
74.0	1556.81	1556.06	1554.87	1554.61	1554.22	1553.77	1553.31	1552.89	1552.57	1552.99
74.5	1450.67	1449.97	1448.84	1448.65	1448.34	1447.96	1447.57	1447.21	1446.94	1447.44
75.0	1347.05	1346.49	1345.51	1345.52	1345.42	1345.23	1345.00	1344.77	1344.59	1345.02
75.5	1246.04	1245.75	1245.03	1245.31	1245.43	1245.43	1245.34	1245.20	1245.04	1245.21
76.0	1147.22	1147.09	1146.54	1147.00	1147.31	1147.46	1147.50	1147.43	1147.27	1147.12
76.5	1049.74	1049.26	1048.43	1048.80	1049.07	1049.23	1049.30	1049.27	1049.15	1048.79

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

77.0	954.95	954.11	952.99	953.22	953.41	953.55	953.61	953.59	953.48	952.96
77.5	864.23	863.57	862.60	862.90	863.12	863.24	863.26	863.17	862.96	862.26
78.0	776.59	776.12	775.33	775.71	775.98	776.14	776.16	776.05	775.79	775.03
78.5	690.81	690.07	689.07	689.55	690.00	690.38	690.69	690.88	690.94	690.44
79.0	608.95	607.88	606.61	606.99	607.40	607.81	608.19	608.53	608.79	608.67
79.5	534.00	532.82	531.33	530.91	530.46	530.00	529.57	529.20	528.93	529.31
80.0	461.99	460.86	459.32	458.24	457.04	455.80	454.61	453.56	452.72	453.33
80.5	388.14	387.35	386.17	385.38	384.44	383.43	382.39	381.41	380.53	380.51
81.0	317.81	317.42	316.75	316.74	316.61	316.35	315.99	315.52	314.96	314.07
81.5	254.79	254.73	254.64	256.07	257.51	258.85	259.98	260.80	261.20	259.51
82.0	198.95	199.08	199.38	201.78	204.30	206.74	208.93	210.68	211.80	209.76
82.5	151.75	151.74	151.73	152.91	154.12	155.27	156.27	157.04	157.49	156.49
83.0	112.16	112.02	111.66	111.38	110.98	110.50	109.98	109.45	108.95	108.98
83.5	79.82	80.04	79.98	79.70	79.22	78.59	77.84	77.02	76.16	75.62
84.0	54.10	54.67	54.98	55.04	54.86	54.45	53.85	53.05	52.08	50.81
84.5	34.10	34.64	34.94	34.99	34.82	34.48	33.96	33.28	32.47	31.43
85.0	20.22	20.58	20.77	20.76	20.61	20.33	19.95	19.48	18.94	18.35
85.5	13.61	13.80	13.89	13.87	13.78	13.62	13.40	13.14	12.85	12.54
86.0	11.02	11.05	11.04	11.03	11.00	10.94	10.87	10.79	10.69	10.60
86.5	9.54	9.52	9.49	9.48	9.46	9.44	9.42	9.39	9.36	9.33
87.0	9.21	9.19	9.16	9.15	9.14	9.12	9.10	9.08	9.06	9.04
87.5	9.08	9.05	9.01	9.00	8.99	8.98	8.97	8.96	8.95	8.95
88.0	9.24	9.20	9.16	9.15	9.15	9.14	9.13	9.12	9.12	9.12
88.5	9.47	9.44	9.39	9.39	9.38	9.38	9.38	9.37	9.37	9.38
89.0	9.78	9.74	9.69	9.69	9.69	9.69	9.69	9.70	9.70	9.70
89.5	10.07	10.03	9.98	9.98	9.99	9.99	9.99	10.00	10.01	10.01
90.0	10.38	10.34	10.29	10.29	10.29	10.30	10.31	10.31	10.32	10.32

Vert. Angles **Horizontal Angles**

	<u>125.0</u>	<u>127.5</u>	<u>130.0</u>	<u>132.5</u>	<u>135.0</u>	<u>137.5</u>	<u>140.0</u>	<u>142.5</u>	<u>145.0</u>	<u>147.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.26	10914.34	10914.42	10914.49	10914.55	10914.52	10914.48	10914.43	10914.38	10914.33
1.0	10912.67	10912.78	10912.89	10912.99	10913.08	10913.05	10913.00	10912.94	10912.87	10912.81
1.5	10910.11	10910.18	10910.25	10910.33	10910.39	10910.39	10910.38	10910.36	10910.35	10910.33
2.0	10906.73	10906.75	10906.77	10906.81	10906.85	10906.88	10906.91	10906.94	10906.97	10907.01
2.5	10902.76	10902.77	10902.79	10902.81	10902.85	10902.86	10902.88	10902.91	10902.93	10902.96
3.0	10898.03	10898.05	10898.08	10898.10	10898.13	10898.13	10898.13	10898.13	10898.14	10898.15
3.5	10892.43	10892.47	10892.50	10892.54	10892.57	10892.56	10892.55	10892.53	10892.52	10892.52
4.0	10886.00	10886.06	10886.11	10886.17	10886.22	10886.21	10886.20	10886.18	10886.17	10886.17
4.5	10878.69	10878.77	10878.86	10878.95	10879.04	10879.07	10879.10	10879.13	10879.16	10879.20
5.0	10870.68	10870.78	10870.88	10871.00	10871.12	10871.20	10871.28	10871.36	10871.44	10871.52
5.5	10862.25	10862.32	10862.40	10862.50	10862.60	10862.70	10862.80	10862.90	10863.01	10863.11
6.0	10853.11	10853.15	10853.21	10853.28	10853.36	10853.46	10853.57	10853.68	10853.79	10853.89
6.5	10843.03	10843.08	10843.15	10843.23	10843.32	10843.41	10843.51	10843.61	10843.71	10843.80
7.0	10832.16	10832.22	10832.30	10832.39	10832.48	10832.55	10832.62	10832.70	10832.77	10832.84
7.5	10820.66	10820.69	10820.73	10820.78	10820.82	10820.84	10820.86	10820.88	10820.90	10820.94
8.0	10808.33	10808.32	10808.32	10808.33	10808.33	10808.30	10808.26	10808.24	10808.23	10808.23
8.5	10794.96	10794.97	10794.97	10794.99	10795.00	10794.97	10794.95	10794.93	10794.91	10794.91
9.0	10780.65	10780.67	10780.70	10780.72	10780.75	10780.74	10780.74	10780.73	10780.72	10780.72
9.5	10765.36	10765.37	10765.39	10765.41	10765.44	10765.43	10765.42	10765.41	10765.41	10765.40
10.0	10749.26	10749.26	10749.27	10749.28	10749.29	10749.27	10749.24	10749.21	10749.18	10749.16
10.5	10732.61	10732.61	10732.62	10732.62	10732.60	10732.51	10732.41	10732.31	10732.21	10732.12
11.0	10715.11	10715.13	10715.13	10715.12	10715.09	10714.93	10714.75	10714.58	10714.40	10714.25
11.5	10696.48	10696.51	10696.54	10696.54	10696.51	10696.33	10696.12	10695.91	10695.70	10695.50
12.0	10676.94	10677.00	10677.04	10677.06	10677.05	10676.86	10676.64	10676.41	10676.18	10675.96

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

12.5	10656.68	10656.73	10656.77	10656.79	10656.77	10656.58	10656.38	10656.15	10655.93	10655.72
13.0	10635.59	10635.65	10635.69	10635.71	10635.70	10635.53	10635.33	10635.12	10634.90	10634.69
13.5	10613.63	10613.74	10613.84	10613.91	10613.94	10613.77	10613.55	10613.31	10613.06	10612.81
14.0	10590.82	10590.99	10591.15	10591.28	10591.36	10591.18	10590.95	10590.69	10590.41	10590.13
14.5	10567.14	10567.36	10567.55	10567.71	10567.81	10567.66	10567.45	10567.20	10566.92	10566.63
15.0	10542.64	10542.88	10543.10	10543.27	10543.39	10543.27	10543.10	10542.88	10542.62	10542.35
15.5	10517.35	10517.59	10517.80	10517.99	10518.12	10518.05	10517.94	10517.78	10517.58	10517.36
16.0	10491.26	10491.49	10491.69	10491.86	10492.00	10491.97	10491.90	10491.79	10491.65	10491.48
16.5	10464.45	10464.64	10464.82	10464.96	10465.06	10465.02	10464.93	10464.81	10464.67	10464.50
17.0	10436.75	10436.92	10437.06	10437.17	10437.24	10437.17	10437.08	10436.95	10436.79	10436.62
17.5	10407.98	10408.13	10408.25	10408.35	10408.41	10408.39	10408.34	10408.27	10408.17	10408.05
18.0	10378.34	10378.49	10378.61	10378.70	10378.77	10378.80	10378.80	10378.77	10378.72	10378.66
18.5	10348.08	10348.25	10348.39	10348.51	10348.60	10348.62	10348.61	10348.56	10348.50	10348.41
19.0	10316.94	10317.12	10317.28	10317.41	10317.50	10317.50	10317.47	10317.42	10317.33	10317.23
19.5	10284.68	10284.77	10284.85	10284.91	10284.96	10284.98	10284.99	10284.98	10284.96	10284.94
20.0	10251.57	10251.58	10251.57	10251.57	10251.56	10251.61	10251.66	10251.71	10251.75	10251.80
20.5	10217.86	10217.87	10217.86	10217.86	10217.85	10217.91	10217.97	10218.03	10218.08	10218.14
21.0	10183.35	10183.39	10183.42	10183.45	10183.47	10183.52	10183.57	10183.61	10183.65	10183.67
21.5	10147.86	10147.97	10148.06	10148.15	10148.21	10148.22	10148.22	10148.21	10148.19	10148.17
22.0	10111.57	10111.73	10111.89	10112.03	10112.14	10112.11	10112.05	10111.98	10111.91	10111.84
22.5	10074.66	10074.84	10075.00	10075.15	10075.26	10075.23	10075.17	10075.10	10075.02	10074.94
23.0	10036.90	10037.08	10037.24	10037.39	10037.50	10037.48	10037.43	10037.36	10037.28	10037.20
23.5	9998.01	9998.23	9998.43	9998.61	9998.75	9998.73	9998.67	9998.59	9998.50	9998.41
24.0	9958.31	9958.54	9958.76	9958.96	9959.13	9959.09	9959.01	9958.92	9958.82	9958.72
24.5	9918.15	9918.32	9918.48	9918.61	9918.71	9918.64	9918.54	9918.42	9918.31	9918.21
25.0	9877.10	9877.22	9877.32	9877.40	9877.45	9877.36	9877.25	9877.13	9877.02	9876.92
25.5	9834.72	9834.90	9835.07	9835.23	9835.35	9835.31	9835.23	9835.14	9835.06	9834.98
26.0	9791.40	9791.63	9791.88	9792.11	9792.32	9792.34	9792.33	9792.30	9792.25	9792.22
26.5	9747.38	9747.56	9747.75	9747.96	9748.16	9748.25	9748.33	9748.39	9748.43	9748.46
27.0	9702.64	9702.75	9702.88	9703.02	9703.18	9703.34	9703.49	9703.63	9703.75	9703.84
27.5	9657.34	9657.43	9657.53	9657.65	9657.78	9657.93	9658.09	9658.23	9658.35	9658.46
28.0	9611.20	9611.28	9611.38	9611.49	9611.60	9611.73	9611.85	9611.97	9612.08	9612.17
28.5	9563.89	9563.98	9564.08	9564.19	9564.31	9564.43	9564.54	9564.64	9564.74	9564.81
29.0	9515.66	9515.77	9515.89	9516.03	9516.16	9516.27	9516.38	9516.47	9516.54	9516.60
29.5	9466.66	9466.83	9467.01	9467.19	9467.37	9467.49	9467.60	9467.68	9467.75	9467.79
30.0	9416.84	9417.04	9417.26	9417.49	9417.70	9417.84	9417.96	9418.06	9418.14	9418.18
30.5	9366.21	9366.37	9366.56	9366.75	9366.95	9367.13	9367.29	9367.44	9367.57	9367.67
31.0	9314.66	9314.75	9314.87	9315.02	9315.18	9315.40	9315.63	9315.84	9316.04	9316.21
31.5	9262.00	9262.02	9262.07	9262.15	9262.27	9262.54	9262.83	9263.13	9263.41	9263.65
32.0	9208.46	9208.41	9208.41	9208.45	9208.54	9208.85	9209.20	9209.56	9209.90	9210.22
32.5	9154.17	9154.14	9154.16	9154.22	9154.34	9154.67	9155.04	9155.42	9155.78	9156.11
33.0	9099.13	9099.13	9099.17	9099.25	9099.39	9099.73	9100.10	9100.48	9100.84	9101.17
33.5	9043.40	9043.35	9043.33	9043.36	9043.44	9043.78	9044.16	9044.55	9044.92	9045.25
34.0	8986.93	8986.83	8986.76	8986.74	8986.78	8987.10	8987.46	8987.83	8988.19	8988.50
34.5	8929.68	8929.66	8929.66	8929.70	8929.77	8930.02	8930.29	8930.56	8930.81	8931.02
35.0	8871.61	8871.66	8871.73	8871.81	8871.92	8872.11	8872.31	8872.50	8872.66	8872.79
35.5	8812.64	8812.63	8812.63	8812.66	8812.71	8812.96	8813.22	8813.48	8813.71	8813.89
36.0	8752.83	8752.73	8752.64	8752.57	8752.56	8752.85	8753.17	8753.50	8753.80	8754.05
36.5	8692.30	8692.14	8691.99	8691.85	8691.75	8691.95	8692.18	8692.43	8692.65	8692.85
37.0	8630.74	8630.57	8630.39	8630.23	8630.10	8630.20	8630.33	8630.47	8630.62	8630.74
37.5	8567.69	8567.61	8567.54	8567.48	8567.45	8567.58	8567.72	8567.87	8568.00	8568.11
38.0	8503.66	8503.69	8503.73	8503.80	8503.89	8504.08	8504.28	8504.47	8504.63	8504.75
38.5	8439.08	8439.10	8439.14	8439.22	8439.33	8439.60	8439.89	8440.17	8440.42	8440.61
39.0	8373.75	8373.78	8373.84	8373.93	8374.06	8374.39	8374.73	8375.07	8375.36	8375.59
39.5	8307.70	8307.89	8308.10	8308.32	8308.55	8308.82	8309.06	8309.27	8309.43	8309.53
40.0	8240.72	8241.08	8241.46	8241.83	8242.18	8242.36	8242.49	8242.56	8242.57	8242.52

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

40.5	8172.44	8172.91	8173.41	8173.89	8174.32	8174.53	8174.67	8174.73	8174.72	8174.65
41.0	8103.34	8103.86	8104.40	8104.92	8105.39	8105.62	8105.78	8105.86	8105.87	8105.80
41.5	8033.93	8034.34	8034.76	8035.16	8035.51	8035.68	8035.79	8035.84	8035.83	8035.77
42.0	7963.77	7964.07	7964.36	7964.64	7964.89	7964.99	7965.04	7965.05	7965.02	7964.95
42.5	7892.48	7892.86	7893.25	7893.61	7893.93	7894.03	7894.07	7894.06	7893.99	7893.89
43.0	7820.29	7820.78	7821.26	7821.72	7822.13	7822.23	7822.25	7822.20	7822.09	7821.93
43.5	7747.36	7747.82	7748.27	7748.69	7749.05	7749.06	7748.99	7748.87	7748.68	7748.47
44.0	7673.48	7673.90	7674.30	7674.66	7674.95	7674.87	7674.71	7674.50	7674.25	7673.98
44.5	7598.39	7598.85	7599.30	7599.71	7600.04	7599.90	7599.69	7599.42	7599.12	7598.81
45.0	7522.35	7522.83	7523.30	7523.74	7524.10	7523.94	7523.70	7523.40	7523.08	7522.76
45.5	7445.57	7445.92	7446.28	7446.61	7446.87	7446.73	7446.52	7446.26	7445.98	7445.70
46.0	7367.97	7368.18	7368.40	7368.58	7368.73	7368.61	7368.43	7368.23	7368.01	7367.79
46.5	7289.62	7289.76	7289.88	7289.99	7290.06	7289.93	7289.76	7289.58	7289.39	7289.21
47.0	7210.30	7210.40	7210.50	7210.56	7210.60	7210.44	7210.26	7210.07	7209.88	7209.72
47.5	7129.68	7129.84	7129.98	7130.09	7130.16	7129.96	7129.71	7129.46	7129.22	7129.01
48.0	7048.12	7048.34	7048.56	7048.75	7048.88	7048.63	7048.33	7048.01	7047.71	7047.45
48.5	6965.83	6966.12	6966.39	6966.63	6966.80	6966.55	6966.25	6965.93	6965.63	6965.37
49.0	6882.86	6883.18	6883.48	6883.74	6883.94	6883.71	6883.42	6883.12	6882.82	6882.58
49.5	6799.46	6799.74	6800.00	6800.22	6800.37	6800.15	6799.88	6799.59	6799.31	6799.07
50.0	6715.17	6715.42	6715.63	6715.80	6715.91	6715.70	6715.44	6715.17	6714.91	6714.68
50.5	6629.56	6629.83	6630.05	6630.23	6630.35	6630.16	6629.93	6629.69	6629.46	6629.27
51.0	6542.90	6543.19	6543.46	6543.68	6543.83	6543.65	6543.43	6543.19	6542.98	6542.82
51.5	6455.23	6455.60	6455.93	6456.22	6456.43	6456.19	6455.90	6455.60	6455.31	6455.08
52.0	6366.73	6367.14	6367.51	6367.84	6368.08	6367.83	6367.51	6367.16	6366.83	6366.55
52.5	6277.71	6278.03	6278.31	6278.55	6278.73	6278.60	6278.43	6278.23	6278.03	6277.86
53.0	6187.73	6187.96	6188.17	6188.34	6188.48	6188.50	6188.48	6188.45	6188.41	6188.36
53.5	6096.28	6096.61	6096.93	6097.22	6097.48	6097.56	6097.59	6097.59	6097.57	6097.55
54.0	6003.85	6004.30	6004.76	6005.20	6005.60	6005.68	6005.71	6005.69	6005.64	6005.58
54.5	5910.79	5911.30	5911.80	5912.27	5912.69	5912.73	5912.69	5912.60	5912.47	5912.32
55.0	5816.95	5817.50	5818.04	5818.53	5818.94	5818.92	5818.81	5818.63	5818.40	5818.13
55.5	5722.30	5722.98	5723.63	5724.23	5724.72	5724.65	5724.46	5724.17	5723.82	5723.44
56.0	5626.80	5627.52	5628.23	5628.87	5629.39	5629.30	5629.07	5628.75	5628.36	5627.93
56.5	5530.46	5530.94	5531.39	5531.81	5532.15	5532.15	5532.07	5531.92	5531.72	5531.48
57.0	5433.10	5433.31	5433.50	5433.67	5433.82	5433.90	5433.95	5433.97	5433.96	5433.91
57.5	5334.42	5334.59	5334.76	5334.91	5335.02	5335.03	5335.01	5334.95	5334.86	5334.75
58.0	5234.83	5235.03	5235.22	5235.39	5235.52	5235.43	5235.31	5235.14	5234.94	5234.73
58.5	5134.86	5135.00	5135.12	5135.23	5135.30	5135.24	5135.15	5135.01	5134.85	5134.65
59.0	5033.94	5034.04	5034.13	5034.20	5034.25	5034.22	5034.16	5034.06	5033.93	5033.75
59.5	4932.12	4932.36	4932.58	4932.74	4932.86	4932.77	4932.62	4932.43	4932.20	4931.95
60.0	4827.92	4828.35	4828.72	4829.04	4829.26	4829.12	4828.90	4828.63	4828.33	4828.03
60.5	4719.62	4720.22	4720.77	4721.25	4721.64	4721.57	4721.40	4721.18	4720.94	4720.69
61.0	4607.97	4608.65	4609.29	4609.86	4610.34	4610.40	4610.36	4610.26	4610.14	4610.00
61.5	4492.95	4493.42	4493.86	4494.25	4494.60	4494.83	4495.01	4495.13	4495.22	4495.25
62.0	4375.14	4375.38	4375.59	4375.78	4375.97	4376.35	4376.70	4377.02	4377.28	4377.45
62.5	4254.47	4254.69	4254.90	4255.12	4255.34	4255.73	4256.09	4256.42	4256.67	4256.81
63.0	4132.89	4133.16	4133.44	4133.72	4134.00	4134.31	4134.59	4134.82	4134.98	4135.05
63.5	4012.61	4013.13	4013.61	4014.03	4014.37	4014.36	4014.28	4014.14	4013.97	4013.79
64.0	3892.74	3893.15	3893.49	3893.76	3893.96	3893.89	3893.78	3893.66	3893.56	3893.53
64.5	3772.67	3771.61	3770.55	3769.62	3768.94	3769.86	3771.08	3772.49	3774.02	3775.57
65.0	3653.73	3651.37	3649.09	3647.13	3645.71	3647.63	3650.13	3652.99	3656.03	3659.03
65.5	3537.90	3536.02	3534.23	3532.72	3531.68	3533.55	3535.89	3538.50	3541.21	3543.81
66.0	3422.57	3421.74	3420.97	3420.39	3420.09	3421.58	3423.33	3425.20	3427.05	3428.76
66.5	3305.80	3305.89	3306.05	3306.32	3306.74	3307.92	3309.20	3310.51	3311.78	3312.95
67.0	3187.62	3188.45	3189.36	3190.34	3191.34	3192.26	3193.16	3194.03	3194.87	3195.65
67.5	3066.83	3067.83	3068.92	3070.05	3071.20	3072.12	3073.00	3073.86	3074.67	3075.44
68.0	2945.11	2946.07	2947.10	2948.19	2949.28	2950.19	2951.07	2951.92	2952.73	2953.48

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

68.5	2823.99	2824.92	2825.88	2826.85	2827.78	2828.38	2828.90	2829.35	2829.71	2829.99
69.0	2702.68	2703.61	2704.55	2705.44	2706.23	2706.53	2706.68	2706.70	2706.60	2706.39
69.5	2579.83	2581.03	2582.23	2583.36	2584.34	2584.57	2584.60	2584.47	2584.20	2583.80
70.0	2458.66	2460.03	2461.41	2462.71	2463.85	2464.09	2464.13	2464.00	2463.72	2463.33
70.5	2343.39	2344.40	2345.41	2346.37	2347.23	2347.52	2347.67	2347.70	2347.63	2347.49
71.0	2229.62	2230.20	2230.80	2231.40	2231.96	2232.29	2232.57	2232.79	2232.98	2233.13
71.5	2113.10	2113.73	2114.39	2115.05	2115.69	2116.03	2116.35	2116.65	2116.95	2117.28
72.0	1997.50	1998.17	1998.87	1999.58	2000.27	2000.58	2000.88	2001.18	2001.52	2001.92
72.5	1886.03	1886.23	1886.45	1886.68	1886.92	1887.15	1887.39	1887.64	1887.88	1888.12
73.0	1775.78	1775.60	1775.42	1775.25	1775.10	1775.21	1775.34	1775.45	1775.53	1775.54
73.5	1663.79	1663.94	1664.09	1664.23	1664.35	1664.33	1664.26	1664.16	1664.02	1663.85
74.0	1553.51	1554.09	1554.66	1555.20	1555.64	1555.44	1555.13	1554.77	1554.38	1554.01
74.5	1448.02	1448.64	1449.22	1449.73	1450.09	1449.55	1448.88	1448.16	1447.45	1446.81
75.0	1345.50	1345.96	1346.37	1346.68	1346.84	1346.05	1345.15	1344.21	1343.29	1342.50
75.5	1245.37	1245.49	1245.56	1245.55	1245.44	1244.82	1244.13	1243.41	1242.70	1242.06
76.0	1146.92	1146.67	1146.38	1146.06	1145.73	1145.41	1145.08	1144.75	1144.41	1144.08
76.5	1048.38	1047.93	1047.47	1047.04	1046.67	1046.66	1046.72	1046.81	1046.90	1046.99
77.0	952.38	951.79	951.21	950.71	950.31	950.54	950.88	951.28	951.72	952.15
77.5	861.47	860.66	859.88	859.16	858.58	858.72	858.99	859.36	859.79	860.23
78.0	774.17	773.27	772.38	771.55	770.84	770.82	770.93	771.14	771.43	771.75
78.5	689.83	689.16	688.48	687.84	687.28	687.30	687.43	687.63	687.88	688.15
79.0	608.47	608.21	607.92	607.63	607.35	607.29	607.26	607.25	607.25	607.25
79.5	529.75	530.21	530.61	530.91	531.05	530.23	529.26	528.20	527.12	526.08
80.0	454.13	454.99	455.81	456.47	456.85	455.52	453.91	452.14	450.31	448.55
80.5	380.62	380.80	381.00	381.17	381.27	380.84	380.31	379.67	378.95	378.16
81.0	313.14	312.24	311.40	310.68	310.13	310.68	311.35	312.04	312.66	313.09
81.5	257.45	255.20	252.92	250.76	248.90	249.25	249.92	250.77	251.65	252.42
82.0	207.12	204.13	200.99	197.94	195.19	195.00	195.20	195.67	196.28	196.90
82.5	155.18	153.66	152.03	150.37	148.79	148.09	147.52	147.08	146.73	146.45
83.0	109.03	109.06	109.04	108.90	108.63	107.51	106.27	104.99	103.73	102.57
83.5	75.08	74.50	73.87	73.19	72.43	71.25	70.02	68.78	67.57	66.43
84.0	49.42	47.95	46.46	44.97	43.52	42.49	41.52	40.62	39.77	38.94
84.5	30.30	29.12	27.93	26.76	25.65	24.93	24.29	23.71	23.18	22.69
85.0	17.73	17.09	16.45	15.84	15.26	14.89	14.57	14.30	14.07	13.89
85.5	12.23	11.90	11.58	11.28	11.00	10.82	10.67	10.54	10.44	10.37
86.0	10.50	10.41	10.31	10.21	10.12	10.06	10.00	9.95	9.90	9.85
86.5	9.31	9.28	9.26	9.23	9.21	9.18	9.16	9.13	9.10	9.08
87.0	9.03	9.01	8.99	8.98	8.96	8.94	8.91	8.89	8.87	8.85
87.5	8.94	8.94	8.94	8.94	8.93	8.93	8.92	8.91	8.90	8.89
88.0	9.12	9.12	9.12	9.13	9.13	9.13	9.13	9.13	9.14	9.14
88.5	9.38	9.38	9.38	9.39	9.39	9.40	9.40	9.40	9.40	9.41
89.0	9.70	9.70	9.71	9.71	9.71	9.71	9.71	9.71	9.71	9.71
89.5	10.01	10.00	10.00	10.00	10.00	10.01	10.01	10.01	10.02	10.02
90.0	10.32	10.31	10.31	10.30	10.30	10.31	10.31	10.32	10.33	10.33

**Vert.
Angles**

Horizontal Angles

	<u>150.0</u>	<u>152.5</u>	<u>155.0</u>	<u>157.5</u>	<u>160.0</u>	<u>162.5</u>	<u>165.0</u>	<u>167.5</u>	<u>170.0</u>	<u>172.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.28	10914.31	10914.35	10914.39	10914.42	10914.44	10914.45	10914.33	10914.21	10914.07
1.0	10912.76	10912.81	10912.88	10912.94	10913.00	10913.03	10913.04	10912.86	10912.66	10912.46
1.5	10910.33	10910.40	10910.48	10910.55	10910.62	10910.65	10910.66	10910.49	10910.30	10910.10
2.0	10907.05	10907.14	10907.22	10907.29	10907.35	10907.39	10907.40	10907.26	10907.11	10906.95
2.5	10903.00	10903.07	10903.13	10903.20	10903.25	10903.28	10903.29	10903.18	10903.06	10902.94
3.0	10898.16	10898.21	10898.27	10898.33	10898.38	10898.41	10898.43	10898.35	10898.25	10898.15
3.5	10892.53	10892.61	10892.70	10892.78	10892.86	10892.92	10892.97	10892.87	10892.75	10892.63

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

4.0	10886.19	10886.30	10886.42	10886.54	10886.64	10886.73	10886.79	10886.67	10886.52	10886.37
4.5	10879.25	10879.38	10879.51	10879.63	10879.74	10879.82	10879.87	10879.71	10879.53	10879.33
5.0	10871.61	10871.74	10871.87	10871.98	10872.07	10872.14	10872.16	10871.98	10871.78	10871.57
5.5	10863.21	10863.32	10863.42	10863.50	10863.56	10863.60	10863.61	10863.46	10863.30	10863.13
6.0	10853.99	10854.08	10854.15	10854.20	10854.24	10854.26	10854.26	10854.15	10854.04	10853.91
6.5	10843.89	10843.98	10844.05	10844.11	10844.15	10844.17	10844.17	10844.05	10843.93	10843.80
7.0	10832.91	10833.00	10833.09	10833.16	10833.22	10833.26	10833.28	10833.16	10833.02	10832.88
7.5	10820.98	10821.09	10821.21	10821.32	10821.42	10821.51	10821.57	10821.47	10821.36	10821.25
8.0	10808.25	10808.37	10808.50	10808.64	10808.77	10808.89	10808.98	10808.91	10808.83	10808.74
8.5	10794.92	10795.01	10795.12	10795.22	10795.32	10795.40	10795.46	10795.37	10795.26	10795.15
9.0	10780.73	10780.79	10780.85	10780.90	10780.96	10780.99	10781.00	10780.89	10780.76	10780.63
9.5	10765.40	10765.43	10765.46	10765.48	10765.50	10765.51	10765.51	10765.41	10765.31	10765.21
10.0	10749.13	10749.14	10749.15	10749.17	10749.18	10749.18	10749.18	10749.10	10749.02	10748.95
10.5	10732.04	10732.07	10732.11	10732.15	10732.19	10732.23	10732.26	10732.16	10732.05	10731.95
11.0	10714.12	10714.15	10714.22	10714.29	10714.38	10714.46	10714.52	10714.40	10714.27	10714.14
11.5	10695.34	10695.36	10695.42	10695.50	10695.59	10695.67	10695.75	10695.68	10695.59	10695.51
12.0	10675.78	10675.78	10675.81	10675.87	10675.94	10676.02	10676.10	10676.07	10676.03	10675.99
12.5	10655.53	10655.50	10655.49	10655.51	10655.55	10655.59	10655.63	10655.58	10655.53	10655.49
13.0	10634.49	10634.42	10634.38	10634.35	10634.34	10634.33	10634.33	10634.26	10634.20	10634.14
13.5	10612.58	10612.46	10612.37	10612.30	10612.25	10612.22	10612.20	10612.15	10612.12	10612.12
14.0	10589.85	10589.69	10589.55	10589.43	10589.35	10589.28	10589.25	10589.23	10589.24	10589.27
14.5	10566.34	10566.14	10565.96	10565.79	10565.66	10565.55	10565.47	10565.43	10565.43	10565.46
15.0	10542.07	10541.84	10541.62	10541.42	10541.24	10541.08	10540.96	10540.90	10540.88	10540.91
15.5	10517.12	10516.89	10516.65	10516.42	10516.22	10516.04	10515.89	10515.84	10515.83	10515.87
16.0	10491.29	10491.07	10490.83	10490.60	10490.39	10490.21	10490.05	10490.01	10490.02	10490.07
16.5	10464.31	10464.11	10463.92	10463.72	10463.55	10463.39	10463.27	10463.24	10463.24	10463.28
17.0	10436.44	10436.28	10436.12	10435.96	10435.83	10435.71	10435.61	10435.57	10435.56	10435.58
17.5	10407.92	10407.77	10407.61	10407.46	10407.32	10407.19	10407.08	10407.01	10406.98	10406.97
18.0	10378.57	10378.43	10378.27	10378.12	10377.96	10377.81	10377.68	10377.59	10377.52	10377.48
18.5	10348.30	10348.17	10348.02	10347.87	10347.71	10347.57	10347.43	10347.29	10347.17	10347.09
19.0	10317.12	10317.00	10316.88	10316.75	10316.62	10316.49	10316.36	10316.18	10316.02	10315.89
19.5	10284.90	10284.87	10284.83	10284.79	10284.73	10284.66	10284.58	10284.38	10284.18	10284.00
20.0	10251.84	10251.89	10251.92	10251.95	10251.95	10251.94	10251.90	10251.70	10251.50	10251.31
20.5	10218.18	10218.18	10218.17	10218.16	10218.13	10218.09	10218.05	10217.95	10217.85	10217.77
21.0	10183.69	10183.65	10183.60	10183.54	10183.49	10183.43	10183.39	10183.35	10183.33	10183.33
21.5	10148.15	10148.19	10148.23	10148.27	10148.31	10148.33	10148.33	10148.20	10148.06	10147.92
22.0	10111.79	10111.92	10112.05	10112.19	10112.30	10112.39	10112.44	10112.19	10111.91	10111.63
22.5	10074.87	10074.95	10075.04	10075.13	10075.21	10075.26	10075.27	10075.03	10074.76	10074.49
23.0	10037.12	10037.15	10037.19	10037.22	10037.25	10037.26	10037.24	10037.02	10036.79	10036.57
23.5	9998.33	9998.41	9998.50	9998.59	9998.67	9998.72	9998.74	9998.50	9998.24	9997.97
24.0	9958.65	9958.79	9958.94	9959.10	9959.24	9959.35	9959.42	9959.16	9958.87	9958.57
24.5	9918.13	9918.27	9918.44	9918.61	9918.76	9918.89	9918.98	9918.75	9918.50	9918.23
25.0	9876.84	9876.97	9877.13	9877.29	9877.44	9877.57	9877.67	9877.48	9877.26	9877.04
25.5	9834.92	9835.05	9835.21	9835.37	9835.52	9835.64	9835.73	9835.54	9835.32	9835.10
26.0	9792.18	9792.30	9792.43	9792.55	9792.67	9792.75	9792.81	9792.62	9792.40	9792.19
26.5	9748.48	9748.49	9748.50	9748.49	9748.46	9748.42	9748.37	9748.22	9748.08	9747.94
27.0	9703.90	9703.82	9703.72	9703.59	9703.44	9703.30	9703.15	9703.03	9702.93	9702.86
27.5	9658.53	9658.49	9658.42	9658.32	9658.20	9658.07	9657.94	9657.78	9657.63	9657.51
28.0	9612.25	9612.26	9612.25	9612.21	9612.15	9612.07	9611.97	9611.77	9611.56	9611.37
28.5	9564.87	9564.87	9564.85	9564.81	9564.75	9564.67	9564.57	9564.38	9564.19	9564.00
29.0	9516.64	9516.63	9516.59	9516.53	9516.45	9516.36	9516.25	9516.07	9515.89	9515.72
29.5	9467.81	9467.79	9467.75	9467.68	9467.59	9467.47	9467.35	9467.12	9466.89	9466.68
30.0	9418.20	9418.18	9418.12	9418.04	9417.94	9417.81	9417.65	9417.38	9417.11	9416.85
30.5	9367.73	9367.70	9367.64	9367.54	9367.42	9367.27	9367.10	9366.82	9366.55	9366.29
31.0	9316.33	9316.30	9316.23	9316.12	9315.97	9315.80	9315.61	9315.34	9315.07	9314.82
31.5	9263.85	9263.83	9263.75	9263.62	9263.45	9263.25	9263.02	9262.72	9262.43	9262.17

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

32.0	9210.47	9210.45	9210.36	9210.21	9210.02	9209.79	9209.54	9209.24	9208.94	9208.67
32.5	9156.37	9156.34	9156.24	9156.08	9155.88	9155.64	9155.40	9155.14	9154.90	9154.68
33.0	9101.42	9101.37	9101.25	9101.08	9100.86	9100.63	9100.38	9100.19	9100.01	9099.86
33.5	9045.52	9045.44	9045.28	9045.07	9044.83	9044.56	9044.30	9044.13	9043.99	9043.88
34.0	8988.75	8988.64	8988.45	8988.21	8987.94	8987.65	8987.37	8987.20	8987.06	8986.96
34.5	8931.18	8931.05	8930.85	8930.61	8930.34	8930.06	8929.78	8929.56	8929.38	8929.22
35.0	8872.86	8872.70	8872.49	8872.24	8871.96	8871.68	8871.40	8871.14	8870.92	8870.74
35.5	8814.01	8813.78	8813.48	8813.14	8812.78	8812.42	8812.07	8811.89	8811.76	8811.68
36.0	8754.22	8753.94	8753.59	8753.18	8752.76	8752.34	8751.97	8751.89	8751.87	8751.90
36.5	8692.99	8692.77	8692.50	8692.19	8691.88	8691.58	8691.31	8691.30	8691.34	8691.42
37.0	8630.83	8630.68	8630.50	8630.30	8630.10	8629.92	8629.77	8629.80	8629.88	8629.99
37.5	8568.18	8568.01	8567.80	8567.58	8567.35	8567.15	8566.97	8567.02	8567.10	8567.23
38.0	8504.82	8504.60	8504.33	8504.03	8503.73	8503.45	8503.21	8503.25	8503.33	8503.46
38.5	8440.73	8440.45	8440.11	8439.72	8439.33	8438.96	8438.64	8438.65	8438.73	8438.87
39.0	8375.73	8375.39	8374.98	8374.53	8374.06	8373.61	8373.23	8373.25	8373.35	8373.50
39.5	8309.54	8309.17	8308.73	8308.27	8307.82	8307.40	8307.06	8307.16	8307.34	8307.59
40.0	8242.40	8241.99	8241.55	8241.11	8240.68	8240.31	8240.04	8240.22	8240.50	8240.85
40.5	8174.49	8174.06	8173.59	8173.12	8172.67	8172.29	8172.01	8172.24	8172.58	8172.98
41.0	8105.66	8105.23	8104.76	8104.29	8103.84	8103.46	8103.18	8103.45	8103.81	8104.23
41.5	8035.65	8035.33	8034.98	8034.62	8034.30	8034.03	8033.84	8034.09	8034.41	8034.79
42.0	7964.85	7964.62	7964.37	7964.13	7963.92	7963.75	7963.64	7963.87	7964.16	7964.48
42.5	7893.74	7893.45	7893.15	7892.86	7892.60	7892.39	7892.25	7892.49	7892.80	7893.15
43.0	7821.72	7821.38	7821.03	7820.69	7820.39	7820.14	7819.97	7820.22	7820.55	7820.92
43.5	7748.22	7747.96	7747.71	7747.47	7747.27	7747.12	7747.04	7747.27	7747.55	7747.88
44.0	7673.71	7673.56	7673.43	7673.33	7673.28	7673.26	7673.29	7673.48	7673.71	7673.96
44.5	7598.52	7598.46	7598.45	7598.48	7598.53	7598.62	7598.74	7598.89	7599.05	7599.22
45.0	7522.47	7522.47	7522.53	7522.63	7522.76	7522.92	7523.08	7523.20	7523.32	7523.45
45.5	7445.45	7445.40	7445.40	7445.44	7445.51	7445.61	7445.73	7445.90	7446.08	7446.27
46.0	7367.59	7367.49	7367.43	7367.40	7367.40	7367.45	7367.53	7367.75	7368.00	7368.26
46.5	7289.05	7289.03	7289.04	7289.08	7289.15	7289.25	7289.38	7289.58	7289.80	7290.01
47.0	7209.59	7209.67	7209.79	7209.94	7210.12	7210.32	7210.52	7210.68	7210.84	7210.99
47.5	7128.85	7129.00	7129.22	7129.47	7129.76	7130.05	7130.34	7130.50	7130.64	7130.77
48.0	7047.26	7047.48	7047.78	7048.13	7048.51	7048.90	7049.27	7049.40	7049.50	7049.58
48.5	6965.19	6965.49	6965.88	6966.32	6966.78	6967.22	6967.62	6967.63	6967.60	6967.52
49.0	6882.42	6882.78	6883.23	6883.71	6884.20	6884.66	6885.05	6884.94	6884.77	6884.55
49.5	6798.90	6799.22	6799.60	6800.02	6800.45	6800.84	6801.16	6801.00	6800.78	6800.52
50.0	6714.52	6714.80	6715.14	6715.50	6715.87	6716.20	6716.47	6716.28	6716.02	6715.73
50.5	6629.16	6629.55	6630.00	6630.48	6630.94	6631.35	6631.67	6631.39	6631.03	6630.62
51.0	6542.74	6543.25	6543.82	6544.41	6544.99	6545.49	6545.88	6545.55	6545.10	6544.60
51.5	6454.94	6455.46	6456.05	6456.68	6457.29	6457.83	6458.26	6457.97	6457.56	6457.08
52.0	6366.36	6366.81	6367.35	6367.92	6368.49	6369.00	6369.40	6369.17	6368.83	6368.41
52.5	6277.74	6278.02	6278.34	6278.68	6279.01	6279.29	6279.51	6279.29	6279.01	6278.67
53.0	6188.32	6188.43	6188.54	6188.65	6188.74	6188.80	6188.81	6188.62	6188.39	6188.13
53.5	6097.52	6097.62	6097.72	6097.81	6097.88	6097.92	6097.93	6097.76	6097.55	6097.32
54.0	6005.52	6005.62	6005.72	6005.82	6005.91	6005.97	6006.00	6005.87	6005.72	6005.54
54.5	5912.16	5912.12	5912.09	5912.07	5912.06	5912.05	5912.04	5912.03	5912.02	5912.01
55.0	5817.85	5817.67	5817.50	5817.35	5817.23	5817.14	5817.09	5817.19	5817.33	5817.47
55.5	5723.04	5722.79	5722.57	5722.38	5722.22	5722.11	5722.04	5722.18	5722.35	5722.54
56.0	5627.49	5627.22	5626.97	5626.76	5626.59	5626.46	5626.38	5626.47	5626.61	5626.76
56.5	5531.21	5530.98	5530.75	5530.52	5530.31	5530.12	5529.96	5529.91	5529.90	5529.91
57.0	5433.82	5433.64	5433.44	5433.21	5432.98	5432.74	5432.51	5432.30	5432.11	5431.96
57.5	5334.62	5334.47	5334.31	5334.13	5333.94	5333.74	5333.53	5333.22	5332.93	5332.67
58.0	5234.51	5234.35	5234.20	5234.04	5233.87	5233.70	5233.51	5233.14	5232.78	5232.46
58.5	5134.42	5134.15	5133.86	5133.55	5133.25	5132.94	5132.63	5132.25	5131.91	5131.62
59.0	5033.53	5033.18	5032.81	5032.41	5032.01	5031.62	5031.24	5030.86	5030.54	5030.27
59.5	4931.69	4931.54	4931.37	4931.20	4931.01	4930.80	4930.57	4930.10	4929.62	4929.18

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

60.0	4827.75	4827.81	4827.90	4827.99	4828.07	4828.11	4828.08	4827.63	4827.13	4826.62
60.5	4720.49	4720.65	4720.86	4721.09	4721.34	4721.58	4721.79	4721.81	4721.78	4721.72
61.0	4609.90	4610.02	4610.20	4610.42	4610.67	4610.97	4611.30	4611.80	4612.31	4612.78
61.5	4495.25	4495.05	4494.84	4494.65	4494.51	4494.45	4494.51	4495.17	4495.92	4496.71
62.0	4377.52	4376.98	4376.37	4375.75	4375.19	4374.74	4374.46	4375.11	4375.94	4376.88
62.5	4256.84	4256.17	4255.41	4254.64	4253.92	4253.31	4252.89	4253.38	4254.07	4254.92
63.0	4135.02	4134.45	4133.82	4133.17	4132.56	4132.04	4131.67	4131.95	4132.40	4133.01
63.5	4013.63	4013.65	4013.70	4013.79	4013.91	4014.06	4014.24	4014.39	4014.57	4014.80
64.0	3893.58	3894.20	3894.90	3895.65	3896.39	3897.08	3897.69	3897.71	3897.63	3897.51
64.5	3777.07	3777.90	3778.59	3779.14	3779.56	3779.84	3780.01	3779.81	3779.53	3779.23
65.0	3661.79	3662.54	3662.92	3662.98	3662.80	3662.44	3661.97	3661.61	3661.23	3660.89
65.5	3546.11	3546.26	3546.02	3545.49	3544.74	3543.89	3543.02	3542.69	3542.44	3542.30
66.0	3430.17	3429.83	3429.16	3428.26	3427.24	3426.18	3425.18	3424.95	3424.87	3424.93
66.5	3313.93	3313.96	3313.80	3313.48	3313.06	3312.58	3312.09	3311.92	3311.79	3311.70
67.0	3196.36	3196.92	3197.39	3197.78	3198.08	3198.28	3198.40	3198.37	3198.25	3198.06
67.5	3076.17	3076.84	3077.47	3078.04	3078.55	3079.00	3079.39	3079.80	3080.13	3080.36
68.0	2954.19	2954.74	2955.24	2955.70	2956.12	2956.53	2956.93	2957.59	2958.22	2958.77
68.5	2830.20	2830.22	2830.18	2830.10	2829.99	2829.88	2829.77	2829.80	2829.86	2829.94
69.0	2706.07	2705.58	2705.02	2704.41	2703.77	2703.13	2702.50	2701.87	2701.30	2700.85
69.5	2583.31	2582.75	2582.14	2581.50	2580.85	2580.21	2579.60	2579.05	2578.57	2578.19
70.0	2462.86	2462.44	2461.98	2461.51	2461.05	2460.59	2460.18	2459.88	2459.63	2459.44
70.5	2347.28	2347.08	2346.85	2346.60	2346.32	2346.04	2345.77	2345.51	2345.27	2345.05
71.0	2233.25	2233.38	2233.49	2233.56	2233.60	2233.59	2233.54	2233.34	2233.11	2232.87
71.5	2117.66	2118.39	2119.15	2119.90	2120.61	2121.24	2121.77	2121.89	2121.89	2121.76
72.0	2002.40	2003.47	2004.59	2005.73	2006.83	2007.84	2008.71	2009.03	2009.17	2009.13
72.5	1888.37	1888.67	1888.96	1889.22	1889.44	1889.61	1889.72	1889.60	1889.43	1889.20
73.0	1775.46	1774.97	1774.39	1773.75	1773.08	1772.41	1771.75	1771.21	1770.73	1770.33
73.5	1663.63	1663.35	1663.03	1662.71	1662.37	1662.03	1661.69	1661.34	1661.02	1660.75
74.0	1553.70	1553.85	1554.08	1554.35	1554.64	1554.92	1555.18	1555.18	1555.14	1555.06
74.5	1446.31	1446.72	1447.28	1447.95	1448.68	1449.42	1450.11	1450.42	1450.62	1450.74
75.0	1341.89	1342.36	1343.04	1343.87	1344.77	1345.69	1346.57	1347.00	1347.32	1347.52
75.5	1241.53	1241.63	1241.85	1242.15	1242.50	1242.87	1243.22	1243.27	1243.28	1243.24
76.0	1143.75	1143.46	1143.18	1142.91	1142.64	1142.38	1142.11	1141.75	1141.40	1141.08
76.5	1047.03	1046.81	1046.55	1046.24	1045.91	1045.56	1045.20	1044.84	1044.49	1044.18
77.0	952.52	952.50	952.40	952.24	952.02	951.75	951.45	951.14	950.81	950.48
77.5	860.65	860.78	860.84	860.83	860.74	860.57	860.32	859.74	859.10	858.46
78.0	772.08	772.30	772.46	772.57	772.59	772.50	772.30	771.52	770.65	769.76
78.5	688.41	688.52	688.58	688.59	688.54	688.42	688.21	687.66	687.05	686.43
79.0	607.25	607.19	607.11	607.02	606.90	606.76	606.60	606.36	606.10	605.83
79.5	525.16	525.02	525.01	525.11	525.27	525.45	525.62	525.46	525.26	525.02
80.0	446.96	446.60	446.48	446.54	446.73	447.00	447.29	447.22	447.13	447.02
80.5	377.32	376.25	375.19	374.18	373.29	372.56	372.03	372.39	372.94	373.63
81.0	313.24	311.59	309.70	307.72	305.80	304.08	302.71	303.31	304.30	305.56
81.5	252.95	251.57	249.92	248.14	246.35	244.67	243.23	243.26	243.59	244.14
82.0	197.40	196.56	195.54	194.39	193.19	191.98	190.84	190.19	189.66	189.24
82.5	146.21	145.95	145.69	145.41	145.10	144.73	144.29	143.41	142.48	141.55
83.0	101.57	101.65	101.89	102.22	102.56	102.83	102.97	102.08	101.04	99.92
83.5	65.39	64.94	64.60	64.34	64.12	63.91	63.68	63.01	62.31	61.61
84.0	38.14	37.15	36.18	35.25	34.39	33.60	32.92	32.54	32.27	32.10
84.5	22.22	21.59	20.98	20.40	19.86	19.38	18.98	18.79	18.68	18.63
85.0	13.74	13.61	13.52	13.44	13.38	13.34	13.31	13.25	13.21	13.17
85.5	10.31	10.27	10.24	10.23	10.22	10.22	10.21	10.19	10.17	10.14
86.0	9.80	9.74	9.68	9.63	9.58	9.53	9.48	9.45	9.42	9.40
86.5	9.05	9.01	8.98	8.94	8.91	8.88	8.85	8.83	8.81	8.80
87.0	8.83	8.81	8.79	8.78	8.76	8.75	8.74	8.73	8.72	8.72
87.5	8.88	8.88	8.87	8.87	8.87	8.86	8.86	8.86	8.85	8.85

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

88.0	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.15	9.15	9.15
88.5	9.41	9.41	9.41	9.42	9.42	9.42	9.43	9.43	9.43	9.43
89.0	9.72	9.72	9.72	9.72	9.72	9.73	9.73	9.73	9.73	9.73
89.5	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.03	10.03
90.0	10.34	10.33	10.33	10.32	10.32	10.31	10.31	10.32	10.32	10.33

Vert. Horizontal Angles
Angles

	<u>175.0</u>	<u>177.5</u>	<u>180.0</u>	<u>182.5</u>	<u>185.0</u>	<u>187.5</u>	<u>190.0</u>	<u>192.5</u>	<u>195.0</u>	<u>197.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10913.95	10913.84	10913.77	10913.84	10913.95	10914.07	10914.21	10914.33	10914.45	10914.44
1.0	10912.27	10912.11	10911.99	10912.11	10912.27	10912.46	10912.66	10912.86	10913.04	10913.03
1.5	10909.91	10909.75	10909.63	10909.75	10909.91	10910.10	10910.30	10910.49	10910.66	10910.65
2.0	10906.79	10906.66	10906.56	10906.66	10906.79	10906.95	10907.11	10907.26	10907.40	10907.39
2.5	10902.82	10902.72	10902.66	10902.72	10902.82	10902.94	10903.06	10903.18	10903.29	10903.28
3.0	10898.06	10897.98	10897.94	10897.98	10898.06	10898.15	10898.25	10898.35	10898.43	10898.41
3.5	10892.52	10892.43	10892.37	10892.43	10892.52	10892.63	10892.75	10892.87	10892.97	10892.92
4.0	10886.22	10886.09	10886.01	10886.09	10886.22	10886.37	10886.52	10886.67	10886.79	10886.73
4.5	10879.15	10878.99	10878.87	10878.99	10879.15	10879.33	10879.53	10879.71	10879.87	10879.82
5.0	10871.36	10871.18	10871.04	10871.18	10871.36	10871.57	10871.78	10871.98	10872.16	10872.14
5.5	10862.97	10862.83	10862.73	10862.83	10862.97	10863.13	10863.30	10863.46	10863.61	10863.60
6.0	10853.80	10853.71	10853.65	10853.71	10853.80	10853.91	10854.04	10854.15	10854.26	10854.26
6.5	10843.68	10843.59	10843.54	10843.59	10843.68	10843.80	10843.93	10844.05	10844.17	10844.17
7.0	10832.75	10832.65	10832.59	10832.65	10832.75	10832.88	10833.02	10833.16	10833.28	10833.26
7.5	10821.14	10821.06	10821.02	10821.06	10821.14	10821.25	10821.36	10821.47	10821.57	10821.51
8.0	10808.65	10808.58	10808.55	10808.58	10808.65	10808.74	10808.83	10808.91	10808.98	10808.89
8.5	10795.05	10794.96	10794.91	10794.96	10795.05	10795.15	10795.26	10795.37	10795.46	10795.40
9.0	10780.50	10780.40	10780.34	10780.40	10780.50	10780.63	10780.76	10780.89	10781.00	10780.99
9.5	10765.12	10765.05	10765.02	10765.05	10765.12	10765.21	10765.31	10765.41	10765.51	10765.51
10.0	10748.89	10748.85	10748.85	10748.85	10748.89	10748.95	10749.02	10749.10	10749.18	10749.18
10.5	10731.85	10731.79	10731.76	10731.79	10731.85	10731.95	10732.05	10732.16	10732.26	10732.23
11.0	10714.01	10713.92	10713.86	10713.92	10714.01	10714.14	10714.27	10714.40	10714.52	10714.46
11.5	10695.43	10695.38	10695.36	10695.38	10695.43	10695.51	10695.59	10695.68	10695.75	10695.67
12.0	10675.97	10675.97	10675.99	10675.97	10675.97	10675.99	10676.03	10676.07	10676.10	10676.02
12.5	10655.46	10655.45	10655.47	10655.45	10655.46	10655.49	10655.53	10655.58	10655.63	10655.59
13.0	10634.10	10634.09	10634.12	10634.09	10634.10	10634.14	10634.20	10634.26	10634.33	10634.33
13.5	10612.13	10612.18	10612.26	10612.18	10612.13	10612.12	10612.12	10612.15	10612.20	10612.22
14.0	10589.34	10589.44	10589.58	10589.44	10589.34	10589.27	10589.24	10589.23	10589.25	10589.28
14.5	10565.53	10565.64	10565.79	10565.64	10565.53	10565.46	10565.43	10565.43	10565.47	10565.55
15.0	10540.97	10541.07	10541.22	10541.07	10540.97	10540.91	10540.88	10540.90	10540.96	10541.08
15.5	10515.95	10516.07	10516.24	10516.07	10515.95	10515.87	10515.83	10515.84	10515.89	10516.04
16.0	10490.17	10490.30	10490.48	10490.30	10490.17	10490.07	10490.02	10490.01	10490.05	10490.21
16.5	10463.36	10463.47	10463.63	10463.47	10463.36	10463.28	10463.24	10463.24	10463.27	10463.39
17.0	10435.63	10435.71	10435.83	10435.71	10435.63	10435.58	10435.56	10435.57	10435.61	10435.71
17.5	10407.00	10407.06	10407.16	10407.06	10407.00	10406.97	10406.98	10407.01	10407.08	10407.19
18.0	10377.48	10377.51	10377.59	10377.51	10377.48	10377.48	10377.52	10377.59	10377.68	10377.81
18.5	10347.04	10347.04	10347.09	10347.04	10347.04	10347.09	10347.17	10347.29	10347.43	10347.57
19.0	10315.80	10315.76	10315.78	10315.76	10315.80	10315.89	10316.02	10316.18	10316.36	10316.49
19.5	10283.85	10283.76	10283.74	10283.76	10283.85	10284.00	10284.18	10284.38	10284.58	10284.66
20.0	10251.15	10251.03	10250.99	10251.03	10251.15	10251.31	10251.50	10251.70	10251.90	10251.94
20.5	10217.71	10217.69	10217.72	10217.69	10217.71	10217.77	10217.85	10217.95	10218.05	10218.09
21.0	10183.36	10183.41	10183.49	10183.41	10183.36	10183.33	10183.33	10183.35	10183.39	10183.43
21.5	10147.81	10147.74	10147.72	10147.74	10147.81	10147.92	10148.06	10148.20	10148.33	10148.33
22.0	10111.37	10111.16	10111.02	10111.16	10111.37	10111.63	10111.91	10112.19	10112.44	10112.39
22.5	10074.25	10074.06	10073.94	10074.06	10074.25	10074.49	10074.76	10075.03	10075.27	10075.26
23.0	10036.37	10036.22	10036.14	10036.22	10036.37	10036.57	10036.79	10037.02	10037.24	10037.26

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

23.5	9997.73	9997.54	9997.42	9997.54	9997.73	9997.97	9998.24	9998.50	9998.74	9998.72
24.0	9958.29	9958.05	9957.90	9958.05	9958.29	9958.57	9958.87	9959.16	9959.42	9959.35
24.5	9917.98	9917.78	9917.65	9917.78	9917.98	9918.23	9918.50	9918.75	9918.98	9918.89
25.0	9876.84	9876.67	9876.58	9876.67	9876.84	9877.04	9877.26	9877.48	9877.67	9877.57
25.5	9834.89	9834.73	9834.63	9834.73	9834.89	9835.10	9835.32	9835.54	9835.73	9835.64
26.0	9791.99	9791.83	9791.74	9791.83	9791.99	9792.19	9792.40	9792.62	9792.81	9792.75
26.5	9747.83	9747.77	9747.75	9747.77	9747.83	9747.94	9748.08	9748.22	9748.37	9748.42
27.0	9702.82	9702.83	9702.89	9702.83	9702.82	9702.86	9702.93	9703.03	9703.15	9703.30
27.5	9657.41	9657.36	9657.36	9657.36	9657.41	9657.51	9657.63	9657.78	9657.94	9658.07
28.0	9611.19	9611.06	9610.98	9611.06	9611.19	9611.37	9611.56	9611.77	9611.97	9612.07
28.5	9563.84	9563.72	9563.65	9563.72	9563.84	9564.00	9564.19	9564.38	9564.57	9564.67
29.0	9515.57	9515.47	9515.41	9515.47	9515.57	9515.72	9515.89	9516.07	9516.25	9516.36
29.5	9466.49	9466.35	9466.26	9466.35	9466.49	9466.68	9466.89	9467.12	9467.35	9467.47
30.0	9416.62	9416.44	9416.33	9416.44	9416.62	9416.85	9417.11	9417.38	9417.65	9417.81
30.5	9366.07	9365.90	9365.80	9365.90	9366.07	9366.29	9366.55	9366.82	9367.10	9367.27
31.0	9314.61	9314.46	9314.38	9314.46	9314.61	9314.82	9315.07	9315.34	9315.61	9315.80
31.5	9261.94	9261.78	9261.70	9261.78	9261.94	9262.17	9262.43	9262.72	9263.02	9263.25
32.0	9208.44	9208.27	9208.19	9208.27	9208.44	9208.67	9208.94	9209.24	9209.54	9209.79
32.5	9154.51	9154.38	9154.32	9154.38	9154.51	9154.68	9154.90	9155.14	9155.40	9155.64
33.0	9099.74	9099.66	9099.64	9099.66	9099.74	9099.86	9100.01	9100.19	9100.38	9100.63
33.5	9043.79	9043.75	9043.75	9043.75	9043.79	9043.88	9043.99	9044.13	9044.30	9044.56
34.0	8986.90	8986.88	8986.90	8986.88	8986.90	8986.96	8987.06	8987.20	8987.37	8987.65
34.5	8929.12	8929.06	8929.07	8929.06	8929.12	8929.22	8929.38	8929.56	8929.78	8930.06
35.0	8870.61	8870.54	8870.55	8870.54	8870.61	8870.74	8870.92	8871.14	8871.40	8871.68
35.5	8811.64	8811.66	8811.74	8811.66	8811.64	8811.68	8811.76	8811.89	8812.07	8812.42
36.0	8751.98	8752.09	8752.24	8752.09	8751.98	8751.90	8751.87	8751.89	8751.97	8752.34
36.5	8691.54	8691.68	8691.84	8691.68	8691.54	8691.42	8691.34	8691.30	8691.31	8691.58
37.0	8630.12	8630.27	8630.43	8630.27	8630.12	8629.99	8629.88	8629.80	8629.77	8629.92
37.5	8567.37	8567.54	8567.70	8567.54	8567.37	8567.23	8567.10	8567.02	8566.97	8567.15
38.0	8503.62	8503.80	8503.98	8503.80	8503.62	8503.46	8503.33	8503.25	8503.21	8503.45
38.5	8439.03	8439.22	8439.41	8439.22	8439.03	8438.87	8438.73	8438.65	8438.64	8438.96
39.0	8373.70	8373.92	8374.14	8373.92	8373.70	8373.50	8373.35	8373.25	8373.23	8373.61
39.5	8307.88	8308.18	8308.49	8308.18	8307.88	8307.59	8307.34	8307.16	8307.06	8307.40
40.0	8241.23	8241.63	8242.01	8241.63	8241.23	8240.85	8240.50	8240.22	8240.04	8240.31
40.5	8173.42	8173.86	8174.27	8173.86	8173.42	8172.98	8172.58	8172.24	8172.01	8172.29
41.0	8104.68	8105.13	8105.54	8105.13	8104.68	8104.23	8103.81	8103.45	8103.18	8103.46
41.5	8035.19	8035.57	8035.92	8035.57	8035.19	8034.79	8034.41	8034.09	8033.84	8034.03
42.0	7964.82	7965.14	7965.43	7965.14	7964.82	7964.48	7964.16	7963.87	7963.64	7963.75
42.5	7893.51	7893.85	7894.15	7893.85	7893.51	7893.15	7892.80	7892.49	7892.25	7892.39
43.0	7821.30	7821.66	7821.98	7821.66	7821.30	7820.92	7820.55	7820.22	7819.97	7820.14
43.5	7748.21	7748.53	7748.81	7748.53	7748.21	7747.88	7747.55	7747.27	7747.04	7747.12
44.0	7674.22	7674.48	7674.71	7674.48	7674.22	7673.96	7673.71	7673.48	7673.29	7673.26
44.5	7599.39	7599.56	7599.72	7599.56	7599.39	7599.22	7599.05	7598.89	7598.74	7598.62
45.0	7523.57	7523.68	7523.80	7523.68	7523.57	7523.45	7523.32	7523.20	7523.08	7522.92
45.5	7446.47	7446.65	7446.82	7446.65	7446.47	7446.27	7446.08	7445.90	7445.73	7445.61
46.0	7368.52	7368.77	7368.99	7368.77	7368.52	7368.26	7368.00	7367.75	7367.53	7367.45
46.5	7290.22	7290.41	7290.57	7290.41	7290.22	7290.01	7289.80	7289.58	7289.38	7289.25
47.0	7211.12	7211.23	7211.32	7211.23	7211.12	7210.99	7210.84	7210.68	7210.52	7210.32
47.5	7130.87	7130.97	7131.06	7130.97	7130.87	7130.77	7130.64	7130.50	7130.34	7130.05
48.0	7049.64	7049.70	7049.78	7049.70	7049.64	7049.58	7049.50	7049.40	7049.27	7048.90
48.5	6967.44	6967.37	6967.33	6967.37	6967.44	6967.52	6967.60	6967.63	6967.62	6967.22
49.0	6884.32	6884.10	6883.94	6884.10	6884.32	6884.55	6884.77	6884.94	6885.05	6884.66
49.5	6800.25	6800.01	6799.82	6800.01	6800.25	6800.52	6800.78	6801.00	6801.16	6800.84
50.0	6715.43	6715.17	6714.96	6715.17	6715.43	6715.73	6716.02	6716.28	6716.47	6716.20
50.5	6630.21	6629.82	6629.51	6629.82	6630.21	6630.62	6631.03	6631.39	6631.67	6631.35
51.0	6544.07	6543.58	6543.17	6543.58	6544.07	6544.60	6545.10	6545.55	6545.88	6545.49

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

51.5	6456.56	6456.06	6455.62	6456.06	6456.56	6457.08	6457.56	6457.97	6458.26	6457.83
52.0	6367.96	6367.51	6367.09	6367.51	6367.96	6368.41	6368.83	6369.17	6369.40	6369.00
52.5	6278.32	6277.97	6277.65	6277.97	6278.32	6278.67	6279.01	6279.29	6279.51	6279.29
53.0	6187.87	6187.62	6187.40	6187.62	6187.87	6188.13	6188.39	6188.62	6188.81	6188.80
53.5	6097.09	6096.85	6096.64	6096.85	6097.09	6097.32	6097.55	6097.76	6097.93	6097.92
54.0	6005.34	6005.15	6004.95	6005.15	6005.34	6005.54	6005.72	6005.87	6006.00	6005.97
54.5	5911.99	5911.96	5911.92	5911.96	5911.99	5912.01	5912.02	5912.03	5912.04	5912.05
55.0	5817.62	5817.76	5817.86	5817.76	5817.62	5817.47	5817.33	5817.19	5817.09	5817.14
55.5	5722.73	5722.91	5723.05	5722.91	5722.73	5722.54	5722.35	5722.18	5722.04	5722.11
56.0	5626.92	5627.07	5627.19	5627.07	5626.92	5626.76	5626.61	5626.47	5626.38	5626.46
56.5	5529.94	5529.98	5530.03	5529.98	5529.94	5529.91	5529.90	5529.91	5529.96	5530.12
57.0	5431.84	5431.76	5431.74	5431.76	5431.84	5431.96	5432.11	5432.30	5432.51	5432.74
57.5	5332.46	5332.32	5332.27	5332.32	5332.46	5332.67	5332.93	5333.22	5333.53	5333.74
58.0	5232.20	5232.03	5231.98	5232.03	5232.20	5232.46	5232.78	5233.14	5233.51	5233.70
58.5	5131.41	5131.30	5131.31	5131.30	5131.41	5131.62	5131.91	5132.25	5132.63	5132.94
59.0	5030.08	5030.00	5030.02	5030.00	5030.08	5030.27	5030.54	5030.86	5031.24	5031.62
59.5	4928.79	4928.48	4928.30	4928.48	4928.79	4929.18	4929.62	4930.10	4930.57	4930.80
60.0	4826.13	4825.71	4825.37	4825.71	4826.13	4826.62	4827.13	4827.63	4828.08	4828.11
60.5	4721.63	4721.51	4721.38	4721.51	4721.63	4721.72	4721.78	4721.81	4721.79	4721.58
61.0	4613.20	4613.53	4613.74	4613.53	4613.20	4612.78	4612.31	4611.80	4611.30	4610.97
61.5	4497.48	4498.20	4498.81	4498.20	4497.48	4496.71	4495.92	4495.17	4494.51	4494.45
62.0	4377.87	4378.86	4379.79	4378.86	4377.87	4376.88	4375.94	4375.11	4374.46	4374.74
62.5	4255.87	4256.88	4257.90	4256.88	4255.87	4254.92	4254.07	4253.38	4252.89	4253.31
63.0	4133.73	4134.57	4135.47	4134.57	4133.73	4133.01	4132.40	4131.95	4131.67	4132.04
63.5	4015.09	4015.43	4015.85	4015.43	4015.09	4014.80	4014.57	4014.39	4014.24	4014.06
64.0	3897.36	3897.24	3897.18	3897.24	3897.36	3897.51	3897.63	3897.71	3897.69	3897.08
64.5	3778.93	3778.69	3778.56	3778.69	3778.93	3779.23	3779.53	3779.81	3780.01	3779.84
65.0	3660.61	3660.44	3660.41	3660.44	3660.61	3660.89	3661.23	3661.61	3661.97	3662.44
65.5	3542.28	3542.39	3542.64	3542.39	3542.28	3542.30	3542.44	3542.69	3543.02	3543.89
66.0	3425.12	3425.44	3425.87	3425.44	3425.12	3424.93	3424.87	3424.95	3425.18	3426.18
66.5	3311.65	3311.63	3311.65	3311.63	3311.65	3311.70	3311.79	3311.92	3312.09	3312.58
67.0	3197.79	3197.45	3197.06	3197.45	3197.79	3198.06	3198.25	3198.37	3198.40	3198.28
67.5	3080.46	3080.43	3080.24	3080.43	3080.46	3080.36	3080.13	3079.80	3079.39	3079.00
68.0	2959.22	2959.52	2959.63	2959.52	2959.22	2958.77	2958.22	2957.59	2956.93	2956.53
68.5	2830.04	2830.15	2830.27	2830.15	2830.04	2829.94	2829.86	2829.80	2829.77	2829.88
69.0	2700.53	2700.39	2700.45	2700.39	2700.53	2700.85	2701.30	2701.87	2702.50	2703.13
69.5	2577.92	2577.80	2577.84	2577.80	2577.92	2578.19	2578.57	2579.05	2579.60	2580.21
70.0	2459.31	2459.25	2459.25	2459.25	2459.31	2459.44	2459.63	2459.88	2460.18	2460.59
70.5	2344.87	2344.73	2344.64	2344.73	2344.87	2345.05	2345.27	2345.51	2345.77	2346.04
71.0	2232.62	2232.38	2232.17	2232.38	2232.62	2232.87	2233.11	2233.34	2233.54	2233.59
71.5	2121.53	2121.21	2120.81	2121.21	2121.53	2121.76	2121.89	2121.89	2121.77	2121.24
72.0	2008.93	2008.56	2008.05	2008.56	2008.93	2009.13	2009.17	2009.03	2008.71	2007.84
72.5	1888.94	1888.66	1888.36	1888.66	1888.94	1889.20	1889.43	1889.60	1889.72	1889.61
73.0	1770.03	1769.85	1769.80	1769.85	1770.03	1770.33	1770.73	1771.21	1771.75	1772.41
73.5	1660.52	1660.37	1660.31	1660.37	1660.52	1660.75	1661.02	1661.34	1661.69	1662.03
74.0	1554.96	1554.83	1554.69	1554.83	1554.96	1555.06	1555.14	1555.18	1555.18	1554.92
74.5	1450.76	1450.69	1450.53	1450.69	1450.76	1450.74	1450.62	1450.42	1450.11	1449.42
75.0	1347.60	1347.56	1347.40	1347.56	1347.60	1347.52	1347.32	1347.00	1346.57	1345.69
75.5	1243.17	1243.06	1242.93	1243.06	1243.17	1243.24	1243.28	1243.27	1243.22	1242.87
76.0	1140.82	1140.62	1140.51	1140.62	1140.82	1141.08	1141.40	1141.75	1142.11	1142.38
76.5	1043.90	1043.67	1043.50	1043.67	1043.90	1044.18	1044.49	1044.84	1045.20	1045.56
77.0	950.17	949.87	949.61	949.87	950.17	950.48	950.81	951.14	951.45	951.75
77.5	857.84	857.28	856.83	857.28	857.84	858.46	859.10	859.74	860.32	860.57
78.0	768.92	768.17	767.58	768.17	768.92	769.76	770.65	771.52	772.30	772.50
78.5	685.82	685.27	684.81	685.27	685.82	686.43	687.05	687.66	688.21	688.42
79.0	605.55	605.27	605.00	605.27	605.55	605.83	606.10	606.36	606.60	606.76

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

79.5	524.76	524.49	524.21	524.49	524.76	525.02	525.26	525.46	525.62	525.45
80.0	446.91	446.78	446.66	446.78	446.91	447.02	447.13	447.22	447.29	447.00
80.5	374.41	375.20	375.96	375.20	374.41	373.63	372.94	372.39	372.03	372.56
81.0	306.98	308.46	309.89	308.46	306.98	305.56	304.30	303.31	302.71	304.08
81.5	244.84	245.64	246.46	245.64	244.84	244.14	243.59	243.26	243.23	244.67
82.0	188.93	188.74	188.65	188.74	188.93	189.24	189.66	190.19	190.84	191.98
82.5	140.66	139.86	139.19	139.86	140.66	141.55	142.48	143.41	144.29	144.73
83.0	98.80	97.73	96.79	97.73	98.80	99.92	101.04	102.08	102.97	102.83
83.5	60.95	60.35	59.85	60.35	60.95	61.61	62.31	63.01	63.68	63.91
84.0	32.01	31.99	32.03	31.99	32.01	32.10	32.27	32.54	32.92	33.60
84.5	18.63	18.67	18.74	18.67	18.63	18.63	18.68	18.79	18.98	19.38
85.0	13.13	13.11	13.09	13.11	13.13	13.17	13.21	13.25	13.31	13.34
85.5	10.12	10.10	10.09	10.10	10.12	10.14	10.17	10.19	10.21	10.22
86.0	9.39	9.38	9.37	9.38	9.39	9.40	9.42	9.45	9.48	9.53
86.5	8.79	8.78	8.78	8.78	8.79	8.80	8.81	8.83	8.85	8.88
87.0	8.71	8.71	8.71	8.71	8.71	8.72	8.72	8.73	8.74	8.75
87.5	8.85	8.85	8.85	8.85	8.85	8.85	8.85	8.86	8.86	8.86
88.0	9.15	9.15	9.15	9.15	9.15	9.15	9.15	9.15	9.14	9.14
88.5	9.43	9.43	9.43	9.43	9.43	9.43	9.43	9.43	9.43	9.42
89.0	9.73	9.73	9.74	9.73	9.73	9.73	9.73	9.73	9.73	9.73
89.5	10.03	10.04	10.04	10.04	10.03	10.03	10.03	10.02	10.02	10.02
90.0	10.34	10.34	10.35	10.34	10.34	10.33	10.32	10.32	10.31	10.31

**Vert.
Angles**

Horizontal Angles

	<u>200.0</u>	<u>202.5</u>	<u>205.0</u>	<u>207.5</u>	<u>210.0</u>	<u>212.5</u>	<u>215.0</u>	<u>217.5</u>	<u>220.0</u>	<u>222.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.42	10914.39	10914.35	10914.31	10914.28	10914.33	10914.38	10914.43	10914.48	10914.52
1.0	10913.00	10912.94	10912.88	10912.81	10912.76	10912.81	10912.87	10912.94	10913.00	10913.05
1.5	10910.62	10910.55	10910.48	10910.40	10910.33	10910.33	10910.35	10910.36	10910.38	10910.39
2.0	10907.35	10907.29	10907.22	10907.14	10907.05	10907.01	10906.97	10906.94	10906.91	10906.88
2.5	10903.25	10903.20	10903.13	10903.07	10903.00	10902.96	10902.93	10902.91	10902.88	10902.86
3.0	10898.38	10898.33	10898.27	10898.21	10898.16	10898.15	10898.14	10898.13	10898.13	10898.13
3.5	10892.86	10892.78	10892.70	10892.61	10892.53	10892.52	10892.52	10892.53	10892.55	10892.56
4.0	10886.64	10886.54	10886.42	10886.30	10886.19	10886.17	10886.17	10886.18	10886.20	10886.21
4.5	10879.74	10879.63	10879.51	10879.38	10879.25	10879.20	10879.16	10879.13	10879.10	10879.07
5.0	10872.07	10871.98	10871.87	10871.74	10871.61	10871.52	10871.44	10871.36	10871.28	10871.20
5.5	10863.56	10863.50	10863.42	10863.32	10863.21	10863.11	10863.01	10862.90	10862.80	10862.70
6.0	10854.24	10854.20	10854.15	10854.08	10853.99	10853.89	10853.79	10853.68	10853.57	10853.46
6.5	10844.15	10844.11	10844.05	10843.98	10843.89	10843.80	10843.71	10843.61	10843.51	10843.41
7.0	10833.22	10833.16	10833.09	10833.00	10832.91	10832.84	10832.77	10832.70	10832.62	10832.55
7.5	10821.42	10821.32	10821.21	10821.09	10820.98	10820.94	10820.90	10820.88	10820.86	10820.84
8.0	10808.77	10808.64	10808.50	10808.37	10808.25	10808.23	10808.23	10808.24	10808.26	10808.30
8.5	10795.32	10795.22	10795.12	10795.01	10794.92	10794.91	10794.91	10794.93	10794.95	10794.97
9.0	10780.96	10780.90	10780.85	10780.79	10780.73	10780.72	10780.72	10780.73	10780.74	10780.74
9.5	10765.50	10765.48	10765.46	10765.43	10765.40	10765.40	10765.41	10765.41	10765.42	10765.43
10.0	10749.18	10749.17	10749.15	10749.14	10749.13	10749.16	10749.18	10749.21	10749.24	10749.27
10.5	10732.19	10732.15	10732.11	10732.07	10732.04	10732.12	10732.21	10732.31	10732.41	10732.51
11.0	10714.38	10714.29	10714.22	10714.15	10714.12	10714.25	10714.40	10714.58	10714.75	10714.93
11.5	10695.59	10695.50	10695.42	10695.36	10695.34	10695.50	10695.70	10695.91	10696.12	10696.33
12.0	10675.94	10675.87	10675.81	10675.78	10675.78	10675.96	10676.18	10676.41	10676.64	10676.86
12.5	10655.55	10655.51	10655.49	10655.50	10655.53	10655.72	10655.93	10656.15	10656.38	10656.58
13.0	10634.34	10634.35	10634.38	10634.42	10634.49	10634.69	10634.90	10635.12	10635.33	10635.53
13.5	10612.25	10612.30	10612.37	10612.46	10612.58	10612.81	10613.06	10613.31	10613.55	10613.77
14.0	10589.35	10589.43	10589.55	10589.69	10589.85	10590.13	10590.41	10590.69	10590.95	10591.18
14.5	10565.66	10565.79	10565.96	10566.14	10566.34	10566.63	10566.92	10567.20	10567.45	10567.66

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

15.0	10541.24	10541.42	10541.62	10541.84	10542.07	10542.35	10542.62	10542.88	10543.10	10543.27
15.5	10516.22	10516.42	10516.65	10516.89	10517.12	10517.36	10517.58	10517.78	10517.94	10518.05
16.0	10490.39	10490.60	10490.83	10491.07	10491.29	10491.48	10491.65	10491.79	10491.90	10491.97
16.5	10463.55	10463.72	10463.92	10464.11	10464.31	10464.50	10464.67	10464.81	10464.93	10465.02
17.0	10435.83	10435.96	10436.12	10436.28	10436.44	10436.62	10436.79	10436.95	10437.08	10437.17
17.5	10407.32	10407.46	10407.61	10407.77	10407.92	10408.05	10408.17	10408.27	10408.34	10408.39
18.0	10377.96	10378.12	10378.27	10378.43	10378.57	10378.66	10378.72	10378.77	10378.80	10378.80
18.5	10347.71	10347.87	10348.02	10348.17	10348.30	10348.41	10348.50	10348.56	10348.61	10348.62
19.0	10316.62	10316.75	10316.88	10317.00	10317.12	10317.23	10317.33	10317.42	10317.47	10317.50
19.5	10284.73	10284.79	10284.83	10284.87	10284.90	10284.94	10284.96	10284.98	10284.99	10284.98
20.0	10251.95	10251.95	10251.92	10251.89	10251.84	10251.80	10251.75	10251.71	10251.66	10251.61
20.5	10218.13	10218.16	10218.17	10218.18	10218.18	10218.14	10218.08	10218.03	10217.97	10217.91
21.0	10183.49	10183.54	10183.60	10183.65	10183.69	10183.67	10183.65	10183.61	10183.57	10183.52
21.5	10148.31	10148.27	10148.23	10148.19	10148.15	10148.17	10148.19	10148.21	10148.22	10148.22
22.0	10112.30	10112.19	10112.05	10111.92	10111.79	10111.84	10111.91	10111.98	10112.05	10112.11
22.5	10075.21	10075.13	10075.04	10074.95	10074.87	10074.94	10075.02	10075.10	10075.17	10075.23
23.0	10037.25	10037.22	10037.19	10037.15	10037.12	10037.20	10037.28	10037.36	10037.43	10037.48
23.5	9998.67	9998.59	9998.50	9998.41	9998.33	9998.41	9998.50	9998.59	9998.67	9998.73
24.0	9959.24	9959.10	9958.94	9958.79	9958.65	9958.72	9958.82	9958.92	9959.01	9959.09
24.5	9918.76	9918.61	9918.44	9918.27	9918.13	9918.21	9918.31	9918.42	9918.54	9918.64
25.0	9877.44	9877.29	9877.13	9876.97	9876.84	9876.92	9877.02	9877.13	9877.25	9877.36
25.5	9835.52	9835.37	9835.21	9835.05	9834.92	9834.98	9835.06	9835.14	9835.23	9835.31
26.0	9792.67	9792.55	9792.43	9792.30	9792.18	9792.22	9792.25	9792.30	9792.33	9792.34
26.5	9748.46	9748.49	9748.50	9748.49	9748.48	9748.46	9748.43	9748.39	9748.33	9748.25
27.0	9703.44	9703.59	9703.72	9703.82	9703.90	9703.84	9703.75	9703.63	9703.49	9703.34
27.5	9658.20	9658.32	9658.42	9658.49	9658.53	9658.46	9658.35	9658.23	9658.09	9657.93
28.0	9612.15	9612.21	9612.25	9612.26	9612.25	9612.17	9612.08	9611.97	9611.85	9611.73
28.5	9564.75	9564.81	9564.85	9564.87	9564.87	9564.81	9564.74	9564.64	9564.54	9564.43
29.0	9516.45	9516.53	9516.59	9516.63	9516.64	9516.60	9516.54	9516.47	9516.38	9516.27
29.5	9467.59	9467.68	9467.75	9467.79	9467.81	9467.79	9467.75	9467.68	9467.60	9467.49
30.0	9417.94	9418.04	9418.12	9418.18	9418.20	9418.18	9418.14	9418.06	9417.96	9417.84
30.5	9367.42	9367.54	9367.64	9367.70	9367.73	9367.67	9367.57	9367.44	9367.29	9367.13
31.0	9315.97	9316.12	9316.23	9316.30	9316.33	9316.21	9316.04	9315.84	9315.63	9315.40
31.5	9263.45	9263.62	9263.75	9263.83	9263.85	9263.65	9263.41	9263.13	9262.83	9262.54
32.0	9210.02	9210.21	9210.36	9210.45	9210.47	9210.22	9209.90	9209.56	9209.20	9208.85
32.5	9155.88	9156.08	9156.24	9156.34	9156.37	9156.11	9155.78	9155.42	9155.04	9154.67
33.0	9100.86	9101.08	9101.25	9101.37	9101.42	9101.17	9100.84	9100.48	9100.10	9099.73
33.5	9044.83	9045.07	9045.28	9045.44	9045.52	9045.25	9044.92	9044.55	9044.16	9043.78
34.0	8987.94	8988.21	8988.45	8988.64	8988.75	8988.50	8988.19	8987.83	8987.46	8987.10
34.5	8930.34	8930.61	8930.85	8931.05	8931.18	8931.02	8930.81	8930.56	8930.29	8930.02
35.0	8871.96	8872.24	8872.49	8872.70	8872.86	8872.79	8872.66	8872.50	8872.31	8872.11
35.5	8812.78	8813.14	8813.48	8813.78	8814.01	8813.89	8813.71	8813.48	8813.22	8812.96
36.0	8752.76	8753.18	8753.59	8753.94	8754.22	8754.05	8753.80	8753.50	8753.17	8752.85
36.5	8691.88	8692.19	8692.50	8692.77	8692.99	8692.85	8692.65	8692.43	8692.18	8691.95
37.0	8630.10	8630.30	8630.50	8630.68	8630.83	8630.74	8630.62	8630.47	8630.33	8630.20
37.5	8567.35	8567.58	8567.80	8568.01	8568.18	8568.11	8568.00	8567.87	8567.72	8567.58
38.0	8503.73	8504.03	8504.33	8504.60	8504.82	8504.75	8504.63	8504.47	8504.28	8504.08
38.5	8439.33	8439.72	8440.11	8440.45	8440.73	8440.61	8440.42	8440.17	8439.89	8439.60
39.0	8374.06	8374.53	8374.98	8375.39	8375.73	8375.59	8375.36	8375.07	8374.73	8374.39
39.5	8307.82	8308.27	8308.73	8309.17	8309.54	8309.53	8309.43	8309.27	8309.06	8308.82
40.0	8240.68	8241.11	8241.55	8241.99	8242.40	8242.52	8242.57	8242.56	8242.49	8242.36
40.5	8172.67	8173.12	8173.59	8174.06	8174.49	8174.65	8174.72	8174.73	8174.67	8174.53
41.0	8103.84	8104.29	8104.76	8105.23	8105.66	8105.80	8105.87	8105.86	8105.78	8105.62
41.5	8034.30	8034.62	8034.98	8035.33	8035.65	8035.77	8035.83	8035.84	8035.79	8035.68
42.0	7963.92	7964.13	7964.37	7964.62	7964.85	7964.95	7965.02	7965.05	7965.04	7964.99
42.5	7892.60	7892.86	7893.15	7893.45	7893.74	7893.89	7893.99	7894.06	7894.07	7894.03

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

43.0	7820.39	7820.69	7821.03	7821.38	7821.72	7821.93	7822.09	7822.20	7822.25	7822.23
43.5	7747.27	7747.47	7747.71	7747.96	7748.22	7748.47	7748.68	7748.87	7748.99	7749.06
44.0	7673.28	7673.33	7673.43	7673.56	7673.71	7673.98	7674.25	7674.50	7674.71	7674.87
44.5	7598.53	7598.48	7598.45	7598.46	7598.52	7598.81	7599.12	7599.42	7599.69	7599.90
45.0	7522.76	7522.63	7522.53	7522.47	7522.47	7522.76	7523.08	7523.40	7523.70	7523.94
45.5	7445.51	7445.44	7445.40	7445.40	7445.45	7445.70	7445.98	7446.26	7446.52	7446.73
46.0	7367.40	7367.40	7367.43	7367.49	7367.59	7367.79	7368.01	7368.23	7368.43	7368.61
46.5	7289.15	7289.08	7289.04	7289.03	7289.05	7289.21	7289.39	7289.58	7289.76	7289.93
47.0	7210.12	7209.94	7209.79	7209.67	7209.59	7209.72	7209.88	7210.07	7210.26	7210.44
47.5	7129.76	7129.47	7129.22	7129.00	7128.85	7129.01	7129.22	7129.46	7129.71	7129.96
48.0	7048.51	7048.13	7047.78	7047.48	7047.26	7047.45	7047.71	7048.01	7048.33	7048.63
48.5	6966.78	6966.32	6965.88	6965.49	6965.19	6965.37	6965.63	6965.93	6966.25	6966.55
49.0	6884.20	6883.71	6883.23	6882.78	6882.42	6882.58	6882.82	6883.12	6883.42	6883.71
49.5	6800.45	6800.02	6799.60	6799.22	6798.90	6799.07	6799.31	6799.59	6799.88	6800.15
50.0	6715.87	6715.50	6715.14	6714.80	6714.52	6714.68	6714.91	6715.17	6715.44	6715.70
50.5	6630.94	6630.48	6630.00	6629.55	6629.16	6629.27	6629.46	6629.69	6629.93	6630.16
51.0	6544.99	6544.41	6543.82	6543.25	6542.74	6542.82	6542.98	6543.19	6543.43	6543.65
51.5	6457.29	6456.68	6456.05	6455.46	6454.94	6455.08	6455.31	6455.60	6455.90	6456.19
52.0	6368.49	6367.92	6367.35	6366.81	6366.36	6366.55	6366.83	6367.16	6367.51	6367.83
52.5	6279.01	6278.68	6278.34	6278.02	6277.74	6277.86	6278.03	6278.23	6278.43	6278.60
53.0	6188.74	6188.65	6188.54	6188.43	6188.32	6188.36	6188.41	6188.45	6188.48	6188.50
53.5	6097.88	6097.81	6097.72	6097.62	6097.52	6097.55	6097.57	6097.59	6097.59	6097.56
54.0	6005.91	6005.82	6005.72	6005.62	6005.52	6005.58	6005.64	6005.69	6005.71	6005.68
54.5	5912.06	5912.07	5912.09	5912.12	5912.16	5912.32	5912.47	5912.60	5912.69	5912.73
55.0	5817.23	5817.35	5817.50	5817.67	5817.85	5818.13	5818.40	5818.63	5818.81	5818.92
55.5	5722.22	5722.38	5722.57	5722.79	5723.04	5723.44	5723.82	5724.17	5724.46	5724.65
56.0	5626.59	5626.76	5626.97	5627.22	5627.49	5627.93	5628.36	5628.75	5629.07	5629.30
56.5	5530.31	5530.52	5530.75	5530.98	5531.21	5531.48	5531.72	5531.92	5532.07	5532.15
57.0	5432.98	5433.21	5433.44	5433.64	5433.82	5433.91	5433.96	5433.97	5433.95	5433.90
57.5	5333.94	5334.13	5334.31	5334.47	5334.62	5334.75	5334.86	5334.95	5335.01	5335.03
58.0	5233.87	5234.04	5234.20	5234.35	5234.51	5234.73	5234.94	5235.14	5235.31	5235.43
58.5	5133.25	5133.55	5133.86	5134.15	5134.42	5134.65	5134.85	5135.01	5135.15	5135.24
59.0	5032.01	5032.41	5032.81	5033.18	5033.53	5033.75	5033.93	5034.06	5034.16	5034.22
59.5	4931.01	4931.20	4931.37	4931.54	4931.69	4931.95	4932.20	4932.43	4932.62	4932.77
60.0	4828.07	4827.99	4827.90	4827.81	4827.75	4828.03	4828.33	4828.63	4828.90	4829.12
60.5	4721.34	4721.09	4720.86	4720.65	4720.49	4720.69	4720.94	4721.18	4721.40	4721.57
61.0	4610.67	4610.42	4610.20	4610.02	4609.90	4610.00	4610.14	4610.26	4610.36	4610.40
61.5	4494.51	4494.65	4494.84	4495.05	4495.25	4495.25	4495.22	4495.13	4495.01	4494.83
62.0	4375.19	4375.75	4376.37	4376.98	4377.52	4377.45	4377.28	4377.02	4376.70	4376.35
62.5	4253.92	4254.64	4255.41	4256.17	4256.84	4256.81	4256.67	4256.42	4256.09	4255.73
63.0	4132.56	4133.17	4133.82	4134.45	4135.02	4135.05	4134.98	4134.82	4134.59	4134.31
63.5	4013.91	4013.79	4013.70	4013.65	4013.63	4013.79	4013.97	4014.14	4014.28	4014.36
64.0	3896.39	3895.65	3894.90	3894.20	3893.58	3893.53	3893.56	3893.66	3893.78	3893.89
64.5	3779.56	3779.14	3778.59	3777.90	3777.07	3775.57	3774.02	3772.49	3771.08	3769.86
65.0	3662.80	3662.98	3662.92	3662.54	3661.79	3659.03	3656.03	3652.99	3650.13	3647.63
65.5	3544.74	3545.49	3546.02	3546.26	3546.11	3543.81	3541.21	3538.50	3535.89	3533.55
66.0	3427.24	3428.26	3429.16	3429.83	3430.17	3428.76	3427.05	3425.20	3423.33	3421.58
66.5	3313.06	3313.48	3313.80	3313.96	3313.93	3312.95	3311.78	3310.51	3309.20	3307.92
67.0	3198.08	3197.78	3197.39	3196.92	3196.36	3195.65	3194.87	3194.03	3193.16	3192.26
67.5	3078.55	3078.04	3077.47	3076.84	3076.17	3075.44	3074.67	3073.86	3073.00	3072.12
68.0	2956.12	2955.70	2955.24	2954.74	2954.19	2953.48	2952.73	2951.92	2951.07	2950.19
68.5	2829.99	2830.10	2830.18	2830.22	2830.20	2829.99	2829.71	2829.35	2828.90	2828.38
69.0	2703.77	2704.41	2705.02	2705.58	2706.07	2706.39	2706.60	2706.70	2706.68	2706.53
69.5	2580.85	2581.50	2582.14	2582.75	2583.31	2583.80	2584.20	2584.47	2584.60	2584.57
70.0	2461.05	2461.51	2461.98	2462.44	2462.86	2463.33	2463.72	2464.00	2464.13	2464.09
70.5	2346.32	2346.60	2346.85	2347.08	2347.28	2347.49	2347.63	2347.70	2347.67	2347.52

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

71.0	2233.60	2233.56	2233.49	2233.38	2233.25	2233.13	2232.98	2232.79	2232.57	2232.29
71.5	2120.61	2119.90	2119.15	2118.39	2117.66	2117.28	2116.95	2116.65	2116.35	2116.03
72.0	2006.83	2005.73	2004.59	2003.47	2002.40	2001.92	2001.52	2001.18	2000.88	2000.58
72.5	1889.44	1889.22	1888.96	1888.67	1888.37	1888.12	1887.88	1887.64	1887.39	1887.15
73.0	1773.08	1773.75	1774.39	1774.97	1775.46	1775.54	1775.53	1775.45	1775.34	1775.21
73.5	1662.37	1662.71	1663.03	1663.35	1663.63	1663.85	1664.02	1664.16	1664.26	1664.33
74.0	1554.64	1554.35	1554.08	1553.85	1553.70	1554.01	1554.38	1554.77	1555.13	1555.44
74.5	1448.68	1447.95	1447.28	1446.72	1446.31	1446.81	1447.45	1448.16	1448.88	1449.55
75.0	1344.77	1343.87	1343.04	1342.36	1341.89	1342.50	1343.29	1344.21	1345.15	1346.05
75.5	1242.50	1242.15	1241.85	1241.63	1241.53	1242.06	1242.70	1243.41	1244.13	1244.82
76.0	1142.64	1142.91	1143.18	1143.46	1143.75	1144.08	1144.41	1144.75	1145.08	1145.41
76.5	1045.91	1046.24	1046.55	1046.81	1047.03	1046.99	1046.90	1046.81	1046.72	1046.66
77.0	952.02	952.24	952.40	952.50	952.52	952.15	951.72	951.28	950.88	950.54
77.5	860.74	860.83	860.84	860.78	860.65	860.23	859.79	859.36	858.99	858.72
78.0	772.59	772.57	772.46	772.30	772.08	771.75	771.43	771.14	770.93	770.82
78.5	688.54	688.59	688.58	688.52	688.41	688.15	687.88	687.63	687.43	687.30
79.0	606.90	607.02	607.11	607.19	607.25	607.25	607.25	607.25	607.26	607.29
79.5	525.27	525.11	525.01	525.02	525.16	526.08	527.12	528.20	529.26	530.23
80.0	446.73	446.54	446.48	446.60	446.96	448.55	450.31	452.14	453.91	455.52
80.5	373.29	374.18	375.19	376.25	377.32	378.16	378.95	379.67	380.31	380.84
81.0	305.80	307.72	309.70	311.59	313.24	313.09	312.66	312.04	311.35	310.68
81.5	246.35	248.14	249.92	251.57	252.95	252.42	251.65	250.77	249.92	249.25
82.0	193.19	194.39	195.54	196.56	197.40	196.90	196.28	195.67	195.20	195.00
82.5	145.10	145.41	145.69	145.95	146.21	146.45	146.73	147.08	147.52	148.09
83.0	102.56	102.22	101.89	101.65	101.57	102.57	103.73	104.99	106.27	107.51
83.5	64.12	64.34	64.60	64.94	65.39	66.43	67.57	68.78	70.02	71.25
84.0	34.39	35.25	36.18	37.15	38.14	38.94	39.77	40.62	41.52	42.49
84.5	19.86	20.40	20.98	21.59	22.22	22.69	23.18	23.71	24.29	24.93
85.0	13.38	13.44	13.52	13.61	13.74	13.89	14.07	14.30	14.57	14.89
85.5	10.22	10.23	10.24	10.27	10.31	10.37	10.44	10.54	10.67	10.82
86.0	9.58	9.63	9.68	9.74	9.80	9.85	9.90	9.95	10.00	10.06
86.5	8.91	8.94	8.98	9.01	9.05	9.08	9.10	9.13	9.16	9.18
87.0	8.76	8.78	8.79	8.81	8.83	8.85	8.87	8.89	8.91	8.94
87.5	8.87	8.87	8.87	8.88	8.88	8.89	8.90	8.91	8.92	8.93
88.0	9.14	9.14	9.14	9.14	9.14	9.14	9.14	9.13	9.13	9.13
88.5	9.42	9.42	9.41	9.41	9.41	9.41	9.40	9.40	9.40	9.40
89.0	9.72	9.72	9.72	9.72	9.72	9.71	9.71	9.71	9.71	9.71
89.5	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.01	10.01	10.01
90.0	10.32	10.32	10.33	10.33	10.34	10.33	10.33	10.32	10.31	10.31

**Vert.
Angles**

Horizontal Angles

	<u>225.0</u>	<u>227.5</u>	<u>230.0</u>	<u>232.5</u>	<u>235.0</u>	<u>237.5</u>	<u>240.0</u>	<u>242.5</u>	<u>245.0</u>	<u>247.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.55	10914.49	10914.42	10914.34	10914.26	10914.18	10914.12	10914.12	10914.14	10914.17
1.0	10913.08	10912.99	10912.89	10912.78	10912.67	10912.57	10912.49	10912.51	10912.55	10912.61
1.5	10910.39	10910.33	10910.25	10910.18	10910.11	10910.05	10910.01	10910.08	10910.16	10910.26
2.0	10906.85	10906.81	10906.77	10906.75	10906.73	10906.73	10906.75	10906.85	10906.97	10907.09
2.5	10902.85	10902.81	10902.79	10902.77	10902.76	10902.77	10902.79	10902.88	10902.99	10903.09
3.0	10898.13	10898.10	10898.08	10898.05	10898.03	10898.03	10898.03	10898.10	10898.18	10898.25
3.5	10892.57	10892.54	10892.50	10892.47	10892.43	10892.41	10892.39	10892.43	10892.48	10892.53
4.0	10886.22	10886.17	10886.11	10886.06	10886.00	10885.96	10885.92	10885.94	10885.97	10886.01
4.5	10879.04	10878.95	10878.86	10878.77	10878.69	10878.63	10878.58	10878.63	10878.69	10878.76
5.0	10871.12	10871.00	10870.88	10870.78	10870.68	10870.61	10870.57	10870.64	10870.74	10870.84
5.5	10862.60	10862.50	10862.40	10862.32	10862.25	10862.20	10862.18	10862.24	10862.33	10862.43
6.0	10853.36	10853.28	10853.21	10853.15	10853.11	10853.09	10853.08	10853.13	10853.20	10853.27

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

6.5	10843.32	10843.23	10843.15	10843.08	10843.03	10842.99	10842.97	10842.99	10843.04	10843.10
7.0	10832.48	10832.39	10832.30	10832.22	10832.16	10832.10	10832.07	10832.08	10832.11	10832.16
7.5	10820.82	10820.78	10820.73	10820.69	10820.66	10820.64	10820.62	10820.64	10820.67	10820.71
8.0	10808.33	10808.33	10808.32	10808.32	10808.33	10808.33	10808.34	10808.37	10808.40	10808.44
8.5	10795.00	10794.99	10794.97	10794.97	10794.96	10794.96	10794.97	10795.00	10795.05	10795.10
9.0	10780.75	10780.72	10780.70	10780.67	10780.65	10780.64	10780.65	10780.69	10780.75	10780.82
9.5	10765.44	10765.41	10765.39	10765.37	10765.36	10765.36	10765.38	10765.45	10765.54	10765.64
10.0	10749.29	10749.28	10749.27	10749.26	10749.26	10749.27	10749.30	10749.39	10749.49	10749.61
10.5	10732.60	10732.62	10732.62	10732.61	10732.61	10732.61	10732.63	10732.69	10732.77	10732.85
11.0	10715.09	10715.12	10715.13	10715.13	10715.11	10715.10	10715.08	10715.11	10715.15	10715.21
11.5	10696.51	10696.54	10696.54	10696.51	10696.48	10696.44	10696.40	10696.41	10696.43	10696.47
12.0	10677.05	10677.06	10677.04	10677.00	10676.94	10676.88	10676.82	10676.81	10676.82	10676.84
12.5	10656.77	10656.79	10656.77	10656.73	10656.68	10656.61	10656.54	10656.51	10656.49	10656.48
13.0	10635.70	10635.71	10635.69	10635.65	10635.59	10635.51	10635.44	10635.39	10635.35	10635.32
13.5	10613.94	10613.91	10613.84	10613.74	10613.63	10613.51	10613.40	10613.40	10613.41	10613.44
14.0	10591.36	10591.28	10591.15	10590.99	10590.82	10590.65	10590.49	10590.51	10590.56	10590.63
14.5	10567.81	10567.71	10567.55	10567.36	10567.14	10566.92	10566.71	10566.64	10566.59	10566.57
15.0	10543.39	10543.27	10543.10	10542.88	10542.64	10542.39	10542.14	10541.96	10541.80	10541.67
15.5	10518.12	10517.99	10517.80	10517.59	10517.35	10517.10	10516.85	10516.67	10516.52	10516.39
16.0	10492.00	10491.86	10491.69	10491.49	10491.26	10491.03	10490.81	10490.64	10490.50	10490.38
16.5	10465.06	10464.96	10464.82	10464.64	10464.45	10464.23	10464.02	10463.81	10463.62	10463.44
17.0	10437.24	10437.17	10437.06	10436.92	10436.75	10436.56	10436.35	10436.10	10435.85	10435.61
17.5	10408.41	10408.35	10408.25	10408.13	10407.98	10407.81	10407.61	10407.36	10407.10	10406.84
18.0	10378.77	10378.70	10378.61	10378.49	10378.34	10378.18	10378.00	10377.75	10377.49	10377.23
18.5	10348.60	10348.51	10348.39	10348.25	10348.08	10347.89	10347.68	10347.41	10347.13	10346.87
19.0	10317.50	10317.41	10317.28	10317.12	10316.94	10316.74	10316.52	10316.25	10315.98	10315.72
19.5	10284.96	10284.91	10284.85	10284.77	10284.68	10284.57	10284.43	10284.22	10283.99	10283.77
20.0	10251.56	10251.57	10251.57	10251.58	10251.57	10251.54	10251.50	10251.34	10251.16	10250.98
20.5	10217.85	10217.86	10217.86	10217.87	10217.86	10217.84	10217.80	10217.64	10217.46	10217.28
21.0	10183.47	10183.45	10183.42	10183.39	10183.35	10183.30	10183.23	10183.05	10182.87	10182.69
21.5	10148.21	10148.15	10148.06	10147.97	10147.86	10147.75	10147.63	10147.48	10147.33	10147.20
22.0	10112.14	10112.03	10111.89	10111.73	10111.57	10111.39	10111.23	10111.10	10110.99	10110.90
22.5	10075.26	10075.15	10075.00	10074.84	10074.66	10074.48	10074.30	10074.17	10074.05	10073.96
23.0	10037.50	10037.39	10037.24	10037.08	10036.90	10036.72	10036.54	10036.40	10036.27	10036.17
23.5	9998.75	9998.61	9998.43	9998.23	9998.01	9997.80	9997.60	9997.48	9997.38	9997.31
24.0	9959.13	9958.96	9958.76	9958.54	9958.31	9958.08	9957.87	9957.76	9957.69	9957.64
24.5	9918.71	9918.61	9918.48	9918.32	9918.15	9917.97	9917.80	9917.65	9917.52	9917.41
25.0	9877.45	9877.40	9877.32	9877.22	9877.10	9876.97	9876.83	9876.66	9876.51	9876.37
25.5	9835.35	9835.23	9835.07	9834.90	9834.72	9834.55	9834.40	9834.33	9834.30	9834.29
26.0	9792.32	9792.11	9791.88	9791.63	9791.40	9791.19	9791.03	9791.08	9791.19	9791.33
26.5	9748.16	9747.96	9747.75	9747.56	9747.38	9747.23	9747.12	9747.21	9747.35	9747.52
27.0	9703.18	9703.02	9702.88	9702.75	9702.64	9702.56	9702.52	9702.61	9702.75	9702.90
27.5	9657.78	9657.65	9657.53	9657.43	9657.34	9657.29	9657.26	9657.33	9657.44	9657.56
28.0	9611.60	9611.49	9611.38	9611.28	9611.20	9611.14	9611.11	9611.17	9611.24	9611.33
28.5	9564.31	9564.19	9564.08	9563.98	9563.89	9563.82	9563.78	9563.84	9563.93	9564.03
29.0	9516.16	9516.03	9515.89	9515.77	9515.66	9515.57	9515.51	9515.57	9515.67	9515.78
29.5	9467.37	9467.19	9467.01	9466.83	9466.66	9466.52	9466.40	9466.43	9466.49	9466.58
30.0	9417.70	9417.49	9417.26	9417.04	9416.84	9416.66	9416.51	9416.50	9416.54	9416.61
30.5	9366.95	9366.75	9366.56	9366.37	9366.21	9366.07	9365.97	9366.00	9366.07	9366.17
31.0	9315.18	9315.02	9314.87	9314.75	9314.66	9314.59	9314.56	9314.64	9314.75	9314.89
31.5	9262.27	9262.15	9262.07	9262.02	9262.00	9262.02	9262.06	9262.17	9262.31	9262.45
32.0	9208.54	9208.45	9208.41	9208.41	9208.46	9208.53	9208.63	9208.77	9208.91	9209.05
32.5	9154.34	9154.22	9154.16	9154.14	9154.17	9154.23	9154.32	9154.46	9154.62	9154.79
33.0	9099.39	9099.25	9099.17	9099.13	9099.13	9099.17	9099.24	9099.38	9099.54	9099.72
33.5	9043.44	9043.36	9043.33	9043.35	9043.40	9043.49	9043.61	9043.73	9043.86	9044.00
34.0	8986.78	8986.74	8986.76	8986.83	8986.93	8987.06	8987.19	8987.30	8987.40	8987.50

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

34.5	8929.77	8929.70	8929.66	8929.66	8929.68	8929.73	8929.80	8929.92	8930.05	8930.17
35.0	8871.92	8871.81	8871.73	8871.66	8871.61	8871.59	8871.59	8871.70	8871.83	8871.95
35.5	8812.71	8812.66	8812.63	8812.63	8812.64	8812.67	8812.70	8812.70	8812.69	8812.68
36.0	8752.56	8752.57	8752.64	8752.73	8752.83	8752.93	8753.01	8752.89	8752.75	8752.60
36.5	8691.75	8691.85	8691.99	8692.14	8692.30	8692.45	8692.57	8692.44	8692.28	8692.09
37.0	8630.10	8630.23	8630.39	8630.57	8630.74	8630.90	8631.02	8630.94	8630.81	8630.66
37.5	8567.45	8567.48	8567.54	8567.61	8567.69	8567.77	8567.84	8567.84	8567.83	8567.81
38.0	8503.89	8503.80	8503.73	8503.69	8503.66	8503.65	8503.67	8503.75	8503.84	8503.94
38.5	8439.33	8439.22	8439.14	8439.10	8439.08	8439.08	8439.11	8439.17	8439.25	8439.34
39.0	8374.06	8373.93	8373.84	8373.78	8373.75	8373.74	8373.76	8373.79	8373.84	8373.90
39.5	8308.55	8308.32	8308.10	8307.89	8307.70	8307.55	8307.43	8307.47	8307.55	8307.67
40.0	8242.18	8241.83	8241.46	8241.08	8240.72	8240.40	8240.13	8240.17	8240.29	8240.45
40.5	8174.32	8173.89	8173.41	8172.91	8172.44	8172.01	8171.65	8171.65	8171.74	8171.90
41.0	8105.39	8104.92	8104.40	8103.86	8103.34	8102.87	8102.46	8102.41	8102.44	8102.56
41.5	8035.51	8035.16	8034.76	8034.34	8033.93	8033.55	8033.22	8033.10	8033.04	8033.05
42.0	7964.89	7964.64	7964.36	7964.07	7963.77	7963.48	7963.21	7963.05	7962.93	7962.86
42.5	7893.93	7893.61	7893.25	7892.86	7892.48	7892.12	7891.80	7891.66	7891.59	7891.59
43.0	7822.13	7821.72	7821.26	7820.78	7820.29	7819.84	7819.45	7819.36	7819.35	7819.43
43.5	7749.05	7748.69	7748.27	7747.82	7747.36	7746.93	7746.55	7746.45	7746.42	7746.47
44.0	7674.95	7674.66	7674.30	7673.90	7673.48	7673.08	7672.72	7672.62	7672.59	7672.61
44.5	7600.04	7599.71	7599.30	7598.85	7598.39	7597.95	7597.57	7597.56	7597.63	7597.76
45.0	7524.10	7523.74	7523.30	7522.83	7522.35	7521.90	7521.53	7521.60	7521.76	7522.00
45.5	7446.87	7446.61	7446.28	7445.92	7445.57	7445.24	7444.96	7445.02	7445.16	7445.37
46.0	7368.73	7368.58	7368.40	7368.18	7367.97	7367.77	7367.60	7367.62	7367.70	7367.82
46.5	7290.06	7289.99	7289.88	7289.76	7289.62	7289.49	7289.37	7289.31	7289.29	7289.31
47.0	7210.60	7210.56	7210.50	7210.40	7210.30	7210.19	7210.08	7209.97	7209.89	7209.84
47.5	7130.16	7130.09	7129.98	7129.84	7129.68	7129.54	7129.41	7129.36	7129.35	7129.39
48.0	7048.88	7048.75	7048.56	7048.34	7048.12	7047.91	7047.74	7047.75	7047.83	7047.98
48.5	6966.80	6966.63	6966.39	6966.12	6965.83	6965.57	6965.34	6965.33	6965.38	6965.50
49.0	6883.94	6883.74	6883.48	6883.18	6882.86	6882.56	6882.28	6882.20	6882.18	6882.21
49.5	6800.37	6800.22	6800.00	6799.74	6799.46	6799.17	6798.89	6798.69	6798.54	6798.44
50.0	6715.91	6715.80	6715.63	6715.42	6715.17	6714.90	6714.63	6714.32	6714.05	6713.81
50.5	6630.35	6630.23	6630.05	6629.83	6629.56	6629.28	6628.99	6628.63	6628.29	6628.01
51.0	6543.83	6543.68	6543.46	6543.19	6542.90	6542.58	6542.26	6541.89	6541.55	6541.27
51.5	6456.43	6456.22	6455.93	6455.60	6455.23	6454.86	6454.49	6454.19	6453.95	6453.76
52.0	6368.08	6367.84	6367.51	6367.14	6366.73	6366.32	6365.93	6365.69	6365.51	6365.40
52.5	6278.73	6278.55	6278.31	6278.03	6277.71	6277.38	6277.05	6276.72	6276.41	6276.15
53.0	6188.48	6188.34	6188.17	6187.96	6187.73	6187.48	6187.20	6186.80	6186.40	6186.04
53.5	6097.48	6097.22	6096.93	6096.61	6096.28	6095.97	6095.67	6095.46	6095.29	6095.16
54.0	6005.60	6005.20	6004.76	6004.30	6003.85	6003.43	6003.08	6003.06	6003.12	6003.24
54.5	5912.69	5912.27	5911.80	5911.30	5910.79	5910.32	5909.90	5909.79	5909.76	5909.82
55.0	5818.94	5818.53	5818.04	5817.50	5816.95	5816.42	5815.93	5815.70	5815.56	5815.50
55.5	5724.72	5724.23	5723.63	5722.98	5722.30	5721.65	5721.07	5720.91	5720.86	5720.90
56.0	5629.39	5628.87	5628.23	5627.52	5626.80	5626.11	5625.51	5625.42	5625.45	5625.56
56.5	5532.15	5531.81	5531.39	5530.94	5530.46	5530.00	5529.57	5529.39	5529.27	5529.21
57.0	5433.82	5433.67	5433.50	5433.31	5433.10	5432.89	5432.67	5432.40	5432.15	5431.93
57.5	5335.02	5334.91	5334.76	5334.59	5334.42	5334.23	5334.05	5333.92	5333.80	5333.70
58.0	5235.52	5235.39	5235.22	5235.03	5234.83	5234.63	5234.45	5234.46	5234.50	5234.55
58.5	5135.30	5135.23	5135.12	5135.00	5134.86	5134.73	5134.61	5134.63	5134.67	5134.70
59.0	5034.25	5034.20	5034.13	5034.04	5033.94	5033.82	5033.71	5033.66	5033.61	5033.57
59.5	4932.86	4932.74	4932.58	4932.36	4932.12	4931.85	4931.58	4931.36	4931.15	4930.95
60.0	4829.26	4829.04	4828.72	4828.35	4827.92	4827.46	4827.00	4826.60	4826.22	4825.87
60.5	4721.64	4721.25	4720.77	4720.22	4719.62	4719.00	4718.38	4717.89	4717.45	4717.05
61.0	4610.34	4609.86	4609.29	4608.65	4607.97	4607.28	4606.60	4606.06	4605.56	4605.13
61.5	4494.60	4494.25	4493.86	4493.42	4492.95	4492.45	4491.93	4491.31	4490.70	4490.12
62.0	4375.97	4375.78	4375.59	4375.38	4375.14	4374.87	4374.55	4373.94	4373.31	4372.67

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

62.5	4255.34	4255.12	4254.90	4254.69	4254.47	4254.25	4254.02	4253.76	4253.50	4253.22
63.0	4134.00	4133.72	4133.44	4133.16	4132.89	4132.64	4132.42	4132.40	4132.40	4132.40
63.5	4014.37	4014.03	4013.61	4013.13	4012.61	4012.08	4011.55	4011.14	4010.76	4010.42
64.0	3893.96	3893.76	3893.49	3893.15	3892.74	3892.25	3891.70	3890.79	3889.85	3888.96
64.5	3768.94	3769.62	3770.55	3771.61	3772.67	3773.61	3774.29	3773.11	3771.67	3770.13
65.0	3645.71	3647.13	3649.09	3651.37	3653.73	3655.94	3657.76	3656.49	3654.79	3652.84
65.5	3531.68	3532.72	3534.23	3536.02	3537.90	3539.67	3541.13	3540.12	3538.77	3537.20
66.0	3420.09	3420.39	3420.97	3421.74	3422.57	3423.37	3424.03	3423.41	3422.61	3421.70
66.5	3306.74	3306.32	3306.05	3305.89	3305.80	3305.77	3305.75	3305.48	3305.21	3304.94
67.0	3191.34	3190.34	3189.36	3188.45	3187.62	3186.90	3186.33	3186.32	3186.45	3186.68
67.5	3071.20	3070.05	3068.92	3067.83	3066.83	3065.96	3065.25	3065.20	3065.31	3065.56
68.0	2949.28	2948.19	2947.10	2946.07	2945.11	2944.27	2943.57	2943.41	2943.40	2943.52
68.5	2827.78	2826.85	2825.88	2824.92	2823.99	2823.15	2822.43	2822.31	2822.33	2822.44
69.0	2706.23	2705.44	2704.55	2703.61	2702.68	2701.80	2701.03	2700.98	2701.04	2701.16
69.5	2584.34	2583.36	2582.23	2581.03	2579.83	2578.70	2577.70	2577.62	2577.70	2577.89
70.0	2463.85	2462.71	2461.41	2460.03	2458.66	2457.36	2456.23	2456.11	2456.18	2456.40
70.5	2347.23	2346.37	2345.41	2344.40	2343.39	2342.46	2341.63	2341.48	2341.47	2341.57
71.0	2231.96	2231.40	2230.80	2230.20	2229.62	2229.08	2228.61	2228.44	2228.35	2228.33
71.5	2115.69	2115.05	2114.39	2113.73	2113.10	2112.53	2112.03	2111.87	2111.80	2111.81
72.0	2000.27	1999.58	1998.87	1998.17	1997.50	1996.89	1996.37	1996.26	1996.24	1996.28
72.5	1886.92	1886.68	1886.45	1886.23	1886.03	1885.84	1885.68	1885.66	1885.65	1885.63
73.0	1775.10	1775.25	1775.42	1775.60	1775.78	1775.94	1776.07	1776.18	1776.22	1776.19
73.5	1664.35	1664.23	1664.09	1663.94	1663.79	1663.65	1663.55	1663.79	1664.04	1664.26
74.0	1555.64	1555.20	1554.66	1554.09	1553.51	1552.99	1552.57	1552.89	1553.31	1553.77
74.5	1450.09	1449.73	1449.22	1448.64	1448.02	1447.44	1446.94	1447.21	1447.57	1447.96
75.0	1346.84	1346.68	1346.37	1345.96	1345.50	1345.02	1344.59	1344.77	1345.00	1345.23
75.5	1245.44	1245.55	1245.56	1245.49	1245.37	1245.21	1245.04	1245.20	1245.34	1245.43
76.0	1145.73	1146.06	1146.38	1146.67	1146.92	1147.12	1147.27	1147.43	1147.50	1147.46
76.5	1046.67	1047.04	1047.47	1047.93	1048.38	1048.79	1049.15	1049.27	1049.30	1049.23
77.0	950.31	950.71	951.21	951.79	952.38	952.96	953.48	953.59	953.61	953.55
77.5	858.58	859.16	859.88	860.66	861.47	862.26	862.96	863.17	863.26	863.24
78.0	770.84	771.55	772.38	773.27	774.17	775.03	775.79	776.05	776.16	776.14
78.5	687.28	687.84	688.48	689.16	689.83	690.44	690.94	690.88	690.69	690.38
79.0	607.35	607.63	607.92	608.21	608.47	608.67	608.79	608.53	608.19	607.81
79.5	531.05	530.91	530.61	530.21	529.75	529.31	528.93	529.20	529.57	530.00
80.0	456.85	456.47	455.81	454.99	454.13	453.33	452.72	453.56	454.61	455.80
80.5	381.27	381.17	381.00	380.80	380.62	380.51	380.53	381.41	382.39	383.43
81.0	310.13	310.68	311.40	312.24	313.14	314.07	314.96	315.52	315.99	316.35
81.5	248.90	250.76	252.92	255.20	257.45	259.51	261.20	260.80	259.98	258.85
82.0	195.19	197.94	200.99	204.13	207.12	209.76	211.80	210.68	208.93	206.74
82.5	148.79	150.37	152.03	153.66	155.18	156.49	157.49	157.04	156.27	155.27
83.0	108.63	108.90	109.04	109.06	109.03	108.98	108.95	109.45	109.98	110.50
83.5	72.43	73.19	73.87	74.50	75.08	75.62	76.16	77.02	77.84	78.59
84.0	43.52	44.97	46.46	47.95	49.42	50.81	52.08	53.05	53.85	54.45
84.5	25.65	26.76	27.93	29.12	30.30	31.43	32.47	33.28	33.96	34.48
85.0	15.26	15.84	16.45	17.09	17.73	18.35	18.94	19.48	19.95	20.33
85.5	11.00	11.28	11.58	11.90	12.23	12.54	12.85	13.14	13.40	13.62
86.0	10.12	10.21	10.31	10.41	10.50	10.60	10.69	10.79	10.87	10.94
86.5	9.21	9.23	9.26	9.28	9.31	9.33	9.36	9.39	9.42	9.44
87.0	8.96	8.98	8.99	9.01	9.03	9.04	9.06	9.08	9.10	9.12
87.5	8.93	8.94	8.94	8.94	8.94	8.95	8.95	8.96	8.97	8.98
88.0	9.13	9.13	9.12	9.12	9.12	9.12	9.12	9.12	9.13	9.14
88.5	9.39	9.39	9.38	9.38	9.38	9.38	9.37	9.37	9.38	9.38
89.0	9.71	9.71	9.71	9.70	9.70	9.70	9.70	9.70	9.69	9.69
89.5	10.00	10.00	10.00	10.00	10.01	10.01	10.01	10.00	9.99	9.99
90.0	10.30	10.30	10.31	10.31	10.32	10.32	10.32	10.31	10.31	10.30

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>250.0</u>	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.20	10914.25	10914.29	10914.34	10914.38	10914.43	10914.46	10914.49	10914.50	10914.60
1.0	10912.68	10912.75	10912.83	10912.90	10912.96	10913.01	10913.04	10913.05	10913.03	10913.22
1.5	10910.36	10910.45	10910.54	10910.61	10910.65	10910.66	10910.64	10910.57	10910.45	10910.72
2.0	10907.21	10907.31	10907.39	10907.44	10907.46	10907.42	10907.33	10907.18	10906.96	10907.30
2.5	10903.19	10903.27	10903.33	10903.37	10903.37	10903.32	10903.21	10903.03	10902.76	10903.13
3.0	10898.32	10898.38	10898.42	10898.46	10898.46	10898.41	10898.29	10898.11	10897.84	10898.23
3.5	10892.58	10892.62	10892.65	10892.72	10892.75	10892.74	10892.67	10892.52	10892.29	10892.75
4.0	10886.06	10886.10	10886.13	10886.23	10886.30	10886.33	10886.30	10886.19	10885.99	10886.51
4.5	10878.84	10878.91	10878.98	10879.08	10879.16	10879.18	10879.13	10878.99	10878.76	10879.30
5.0	10870.96	10871.06	10871.16	10871.28	10871.35	10871.37	10871.30	10871.14	10870.87	10871.42
5.5	10862.53	10862.63	10862.72	10862.89	10863.01	10863.07	10863.04	10862.90	10862.64	10863.20
6.0	10853.35	10853.44	10853.52	10853.74	10853.92	10854.04	10854.06	10853.97	10853.74	10854.31
6.5	10843.17	10843.26	10843.35	10843.61	10843.84	10844.01	10844.10	10844.08	10843.92	10844.50
7.0	10832.22	10832.31	10832.41	10832.70	10832.97	10833.19	10833.33	10833.37	10833.26	10833.87
7.5	10820.77	10820.84	10820.93	10821.23	10821.52	10821.75	10821.90	10821.93	10821.82	10822.50
8.0	10808.50	10808.57	10808.65	10808.96	10809.24	10809.47	10809.61	10809.62	10809.47	10810.22
8.5	10795.17	10795.25	10795.33	10795.64	10795.92	10796.13	10796.25	10796.24	10796.06	10796.80
9.0	10780.91	10781.00	10781.10	10781.41	10781.69	10781.90	10782.00	10781.96	10781.74	10782.47
9.5	10765.75	10765.88	10766.00	10766.36	10766.68	10766.91	10767.02	10766.96	10766.69	10767.40
10.0	10749.74	10749.88	10750.02	10750.43	10750.79	10751.05	10751.17	10751.10	10750.79	10751.49
10.5	10732.96	10733.07	10733.19	10733.61	10733.99	10734.27	10734.40	10734.33	10734.02	10734.77
11.0	10715.27	10715.35	10715.44	10715.87	10716.26	10716.55	10716.69	10716.63	10716.32	10717.11
11.5	10696.52	10696.59	10696.67	10697.11	10697.50	10697.80	10697.94	10697.89	10697.58	10698.33
12.0	10676.88	10676.94	10677.01	10677.45	10677.85	10678.15	10678.29	10678.23	10677.91	10678.63
12.5	10656.48	10656.50	10656.55	10656.98	10657.38	10657.67	10657.80	10657.72	10657.37	10658.10
13.0	10635.31	10635.31	10635.33	10635.77	10636.16	10636.44	10636.55	10636.43	10636.01	10636.76
13.5	10613.49	10613.54	10613.60	10614.05	10614.43	10614.67	10614.72	10614.52	10613.99	10614.70
14.0	10590.72	10590.82	10590.92	10591.38	10591.76	10591.99	10592.01	10591.75	10591.16	10591.83
14.5	10566.57	10566.60	10566.66	10567.15	10567.59	10567.90	10568.02	10567.87	10567.38	10568.09
15.0	10541.58	10541.53	10541.53	10542.05	10542.55	10542.94	10543.14	10543.10	10542.73	10543.49
15.5	10516.29	10516.23	10516.21	10516.73	10517.21	10517.58	10517.75	10517.65	10517.22	10517.98
16.0	10490.28	10490.21	10490.18	10490.68	10491.13	10491.45	10491.56	10491.38	10490.84	10491.62
16.5	10463.28	10463.15	10463.05	10463.54	10463.97	10464.27	10464.35	10464.13	10463.54	10464.42
17.0	10435.39	10435.20	10435.05	10435.52	10435.94	10436.23	10436.30	10436.07	10435.46	10436.43
17.5	10406.61	10406.40	10406.23	10406.70	10407.13	10407.43	10407.52	10407.31	10406.72	10407.72
18.0	10376.99	10376.79	10376.63	10377.11	10377.55	10377.87	10377.98	10377.79	10377.23	10378.23
18.5	10346.63	10346.42	10346.26	10346.77	10347.23	10347.57	10347.69	10347.50	10346.92	10347.92
19.0	10315.48	10315.28	10315.12	10315.65	10316.14	10316.50	10316.61	10316.41	10315.79	10316.80
19.5	10283.57	10283.39	10283.25	10283.80	10284.29	10284.63	10284.73	10284.49	10283.83	10284.88
20.0	10250.81	10250.66	10250.53	10251.10	10251.60	10251.94	10252.02	10251.76	10251.05	10252.13
20.5	10217.11	10216.96	10216.85	10217.44	10217.97	10218.34	10218.45	10218.20	10217.51	10218.60
21.0	10182.53	10182.40	10182.30	10182.92	10183.49	10183.89	10184.02	10183.80	10183.12	10184.21
21.5	10147.09	10147.00	10146.95	10147.61	10148.20	10148.61	10148.74	10148.50	10147.78	10148.88
22.0	10110.84	10110.80	10110.79	10111.48	10112.09	10112.51	10112.63	10112.36	10111.59	10112.70
22.5	10073.88	10073.84	10073.83	10074.54	10075.16	10075.58	10075.71	10075.42	10074.63	10075.71
23.0	10036.09	10036.04	10036.02	10036.75	10037.39	10037.83	10037.96	10037.67	10036.86	10037.92
23.5	9997.27	9997.27	9997.29	9998.07	9998.76	9999.24	9999.39	9999.12	9998.30	9999.38
24.0	9957.63	9957.66	9957.72	9958.56	9959.30	9959.83	9960.02	9959.77	9958.95	9960.07
24.5	9917.34	9917.31	9917.33	9918.24	9919.06	9919.66	9919.92	9919.71	9918.90	9920.00
25.0	9876.26	9876.20	9876.20	9877.15	9878.02	9878.67	9878.95	9878.74	9877.90	9879.01
25.5	9834.32	9834.37	9834.46	9835.39	9836.21	9836.78	9836.95	9836.61	9835.61	9836.85
26.0	9791.49	9791.67	9791.86	9792.77	9793.53	9794.00	9794.05	9793.56	9792.41	9793.77

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

26.5	9747.72	9747.92	9748.12	9749.07	9749.85	9750.33	9750.38	9749.86	9748.66	9750.03
27.0	9703.08	9703.27	9703.45	9704.42	9705.22	9705.72	9705.77	9705.26	9704.04	9705.39
27.5	9657.70	9657.84	9657.97	9658.88	9659.62	9660.06	9660.05	9659.49	9658.23	9659.60
28.0	9611.43	9611.53	9611.61	9612.45	9613.13	9613.50	9613.45	9612.83	9611.53	9612.93
28.5	9564.13	9564.23	9564.32	9565.16	9565.84	9566.20	9566.12	9565.47	9564.11	9565.58
29.0	9515.89	9516.01	9516.12	9517.00	9517.71	9518.11	9518.04	9517.39	9516.01	9517.51
29.5	9466.69	9466.81	9466.93	9467.91	9468.73	9469.23	9469.27	9468.71	9467.40	9468.84
30.0	9416.71	9416.84	9416.98	9418.04	9418.95	9419.54	9419.67	9419.18	9417.94	9419.35
30.5	9366.29	9366.43	9366.58	9367.64	9368.53	9369.10	9369.18	9368.64	9367.33	9368.85
31.0	9315.04	9315.19	9315.33	9316.35	9317.19	9317.68	9317.68	9317.03	9315.60	9317.30
31.5	9262.59	9262.71	9262.82	9263.78	9264.53	9264.93	9264.82	9264.06	9262.51	9264.36
32.0	9209.19	9209.30	9209.38	9210.29	9211.00	9211.34	9211.16	9210.33	9208.70	9210.64
32.5	9154.96	9155.11	9155.24	9156.24	9157.03	9157.46	9157.38	9156.63	9155.07	9156.94
33.0	9099.91	9100.10	9100.27	9101.35	9102.23	9102.75	9102.76	9102.10	9100.63	9102.41
33.5	9044.14	9044.26	9044.38	9045.39	9046.21	9046.68	9046.63	9045.93	9044.41	9046.23
34.0	8987.58	8987.64	8987.69	8988.61	8989.34	8989.71	8989.58	8988.79	8987.21	8989.08
34.5	8930.28	8930.37	8930.42	8931.29	8931.95	8932.24	8932.03	8931.15	8929.49	8931.41
35.0	8872.07	8872.16	8872.22	8873.08	8873.72	8874.00	8873.76	8872.86	8871.16	8873.10
35.5	8812.67	8812.65	8812.63	8813.58	8814.35	8814.78	8814.70	8813.96	8812.42	8814.31
36.0	8752.46	8752.32	8752.22	8753.27	8754.18	8754.76	8754.84	8754.26	8752.86	8754.70
36.5	8691.91	8691.73	8691.58	8692.63	8693.53	8694.09	8694.15	8693.53	8692.08	8693.90
37.0	8630.50	8630.34	8630.20	8631.22	8632.08	8632.59	8632.58	8631.88	8630.32	8632.17
37.5	8567.78	8567.75	8567.72	8568.76	8569.62	8570.11	8570.06	8569.30	8567.68	8569.71
38.0	8504.04	8504.14	8504.23	8505.32	8506.19	8506.69	8506.63	8505.85	8504.19	8506.39
38.5	8439.44	8439.54	8439.64	8440.78	8441.72	8442.28	8442.29	8441.57	8439.98	8442.17
39.0	8373.98	8374.07	8374.17	8375.36	8376.37	8377.00	8377.08	8376.44	8374.90	8377.07
39.5	8307.81	8307.97	8308.14	8309.35	8310.38	8311.01	8311.09	8310.44	8308.89	8311.12
40.0	8240.66	8240.89	8241.13	8242.38	8243.42	8244.08	8244.16	8243.50	8241.94	8244.27
40.5	8172.11	8172.37	8172.65	8173.98	8175.12	8175.87	8176.05	8175.47	8173.98	8176.43
41.0	8102.74	8102.98	8103.27	8104.68	8105.92	8106.77	8107.05	8106.58	8105.17	8107.71
41.5	8033.13	8033.27	8033.46	8034.90	8036.18	8037.09	8037.44	8037.03	8035.69	8038.18
42.0	7962.85	7962.90	7963.02	7964.47	7965.78	7966.72	7967.11	7966.74	7965.42	7967.86
42.5	7891.65	7891.77	7891.96	7893.47	7894.82	7895.79	7896.18	7895.78	7894.39	7896.88
43.0	7819.57	7819.78	7820.04	7821.61	7822.99	7823.96	7824.32	7823.85	7822.35	7824.91
43.5	7746.58	7746.74	7746.95	7748.50	7749.85	7750.77	7751.06	7750.50	7748.89	7751.55
44.0	7672.69	7672.82	7672.98	7674.51	7675.82	7676.70	7676.92	7676.27	7674.54	7677.24
44.5	7597.95	7598.18	7598.44	7600.00	7601.33	7602.19	7602.37	7601.66	7599.84	7602.29
45.0	7522.29	7522.62	7522.97	7524.59	7525.96	7526.85	7527.03	7526.29	7524.41	7526.62
45.5	7445.62	7445.92	7446.24	7447.96	7449.43	7450.41	7450.66	7449.95	7448.05	7450.28
46.0	7367.99	7368.21	7368.47	7370.28	7371.85	7372.93	7373.27	7372.62	7370.76	7373.06
46.5	7289.38	7289.50	7289.68	7291.51	7293.13	7294.27	7294.69	7294.15	7292.40	7294.70
47.0	7209.84	7209.91	7210.05	7211.89	7213.53	7214.73	7215.22	7214.77	7213.13	7215.38
47.5	7129.50	7129.66	7129.90	7131.80	7133.51	7134.75	7135.27	7134.83	7133.20	7135.30
48.0	7048.18	7048.46	7048.79	7050.74	7052.48	7053.74	7054.26	7053.81	7052.14	7054.14
48.5	6965.69	6965.93	6966.24	6968.14	6969.83	6971.03	6971.51	6971.01	6969.29	6971.44
49.0	6882.31	6882.48	6882.71	6884.54	6886.16	6887.30	6887.73	6887.20	6885.47	6887.77
49.5	6798.39	6798.42	6798.53	6800.31	6801.90	6803.05	6803.50	6803.02	6801.37	6803.64
50.0	6713.64	6713.55	6713.55	6715.31	6716.90	6718.08	6718.60	6718.20	6716.67	6718.87
50.5	6627.79	6627.68	6627.68	6629.48	6631.14	6632.41	6633.05	6632.81	6631.45	6633.58
51.0	6541.07	6540.98	6541.02	6542.85	6544.57	6545.92	6546.64	6546.51	6545.28	6547.39
51.5	6453.66	6453.65	6453.76	6455.57	6457.23	6458.51	6459.16	6458.94	6457.64	6459.88
52.0	6365.36	6365.42	6365.56	6367.31	6368.90	6370.09	6370.63	6370.30	6368.87	6371.25
52.5	6275.96	6275.86	6275.86	6277.60	6279.19	6280.37	6280.90	6280.54	6279.06	6281.51
53.0	6185.74	6185.52	6185.41	6187.13	6188.71	6189.87	6190.37	6189.96	6188.41	6190.90
53.5	6095.10	6095.09	6095.15	6096.79	6098.24	6099.24	6099.56	6098.95	6097.20	6099.72
54.0	6003.42	6003.65	6003.90	6005.51	6006.87	6007.76	6007.95	6007.20	6005.31	6007.79

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

54.5	5909.95	5910.15	5910.41	5912.15	5913.69	5914.77	5915.15	5914.61	5912.91	5915.11
55.0	5815.54	5815.67	5815.89	5817.77	5819.47	5820.73	5821.30	5820.93	5819.39	5821.36
55.5	5721.02	5721.22	5721.49	5723.29	5724.87	5725.97	5726.33	5725.71	5723.87	5726.02
56.0	5625.75	5625.98	5626.25	5627.95	5629.39	5630.29	5630.42	5629.51	5627.34	5629.73
56.5	5529.21	5529.26	5529.36	5531.12	5532.63	5533.61	5533.81	5532.96	5530.81	5533.26
57.0	5431.75	5431.62	5431.56	5433.37	5434.94	5436.01	5436.27	5435.47	5433.34	5435.82
57.5	5333.62	5333.57	5333.53	5335.24	5336.66	5337.52	5337.54	5336.46	5334.00	5336.64
58.0	5234.61	5234.66	5234.68	5236.28	5237.54	5238.19	5237.96	5236.58	5233.81	5236.54
58.5	5134.74	5134.77	5134.77	5136.36	5137.62	5138.27	5138.03	5136.65	5133.86	5136.40
59.0	5033.52	5033.47	5033.42	5035.04	5036.34	5037.05	5036.89	5035.60	5032.91	5035.27
59.5	4930.77	4930.61	4930.46	4932.08	4933.41	4934.18	4934.09	4932.88	4930.30	4932.79
60.0	4825.56	4825.28	4825.06	4826.69	4828.07	4828.91	4828.91	4827.80	4825.32	4827.97
60.5	4716.70	4716.43	4716.22	4717.93	4719.39	4720.32	4720.43	4719.44	4717.07	4719.60
61.0	4604.76	4604.47	4604.28	4606.05	4607.60	4608.62	4608.81	4607.88	4605.55	4607.93
61.5	4489.59	4489.15	4488.80	4490.64	4492.26	4493.33	4493.53	4492.57	4490.14	4492.49
62.0	4372.07	4371.52	4371.07	4372.90	4374.49	4375.50	4375.61	4374.50	4371.86	4374.29
62.5	4252.94	4252.66	4252.38	4253.95	4255.19	4255.79	4255.45	4253.87	4250.78	4253.54
63.0	4132.38	4132.32	4132.20	4133.61	4134.63	4134.97	4134.35	4132.51	4129.17	4132.22
63.5	4010.12	4009.87	4009.66	4011.44	4012.94	4013.83	4013.80	4012.56	4009.82	4012.71
64.0	3888.15	3887.49	3887.03	3889.25	3891.33	3892.92	3893.66	3893.23	3891.30	3894.04
64.5	3768.60	3767.24	3766.16	3768.52	3770.89	3772.90	3774.16	3774.33	3773.05	3776.10
65.0	3650.83	3648.94	3647.39	3649.70	3652.11	3654.24	3655.71	3656.15	3655.22	3658.59
65.5	3535.57	3534.03	3532.72	3534.65	3536.60	3538.22	3539.18	3539.16	3537.84	3541.21
66.0	3420.76	3419.86	3419.07	3420.64	3422.07	3423.08	3423.38	3422.68	3420.73	3423.83
66.5	3304.68	3304.45	3304.25	3305.84	3307.17	3307.94	3307.87	3306.71	3304.18	3306.56
67.0	3186.96	3187.27	3187.56	3189.32	3190.71	3191.43	3191.20	3189.75	3186.80	3188.44
67.5	3065.89	3066.27	3066.66	3068.66	3070.30	3071.26	3071.24	3069.94	3067.08	3068.40
68.0	2943.74	2944.02	2944.35	2946.49	2948.29	2949.42	2949.56	2948.40	2945.64	2946.91
68.5	2822.61	2822.80	2822.98	2824.82	2826.26	2826.99	2826.68	2825.04	2821.78	2823.50
69.0	2701.31	2701.44	2701.49	2703.01	2704.08	2704.40	2703.66	2701.57	2697.86	2700.00
69.5	2578.13	2578.36	2578.55	2580.12	2581.27	2581.69	2581.08	2579.17	2575.69	2577.56
70.0	2456.70	2457.04	2457.37	2459.10	2460.44	2461.11	2460.80	2459.25	2456.19	2457.70
70.5	2341.75	2341.99	2342.24	2344.08	2345.59	2346.47	2346.43	2345.18	2342.47	2344.00
71.0	2228.38	2228.48	2228.62	2230.52	2232.13	2233.14	2233.26	2232.22	2229.73	2231.30
71.5	2111.88	2111.99	2112.14	2113.95	2115.47	2116.40	2116.45	2115.35	2112.83	2114.13
72.0	1996.38	1996.49	1996.60	1998.23	1999.52	2000.21	2000.02	1998.68	1995.95	1997.06
72.5	1885.58	1885.48	1885.31	1886.53	1887.39	1887.60	1886.92	1885.08	1881.87	1883.34
73.0	1776.06	1775.81	1775.44	1776.34	1776.82	1776.64	1775.54	1773.29	1769.67	1771.51
73.5	1664.42	1664.49	1664.42	1665.43	1666.01	1665.93	1664.93	1662.82	1659.35	1661.02
74.0	1554.22	1554.61	1554.87	1556.06	1556.81	1556.91	1556.12	1554.22	1551.00	1552.38
74.5	1448.34	1448.65	1448.84	1449.97	1450.67	1450.71	1449.87	1447.92	1444.65	1445.84
75.0	1345.42	1345.52	1345.51	1346.49	1347.05	1346.95	1345.97	1343.88	1340.48	1341.73
75.5	1245.43	1245.31	1245.03	1245.75	1246.04	1245.67	1244.43	1242.11	1238.49	1240.49
76.0	1147.31	1147.00	1146.54	1147.09	1147.22	1146.71	1145.36	1142.96	1139.31	1142.02
76.5	1049.07	1048.80	1048.43	1049.26	1049.74	1049.66	1048.80	1046.96	1043.94	1046.50
77.0	953.41	953.22	952.99	954.11	954.95	955.29	954.92	953.62	951.20	953.46
77.5	863.12	862.90	862.60	863.57	864.23	864.38	863.81	862.32	859.73	862.00
78.0	775.98	775.71	775.33	776.12	776.59	776.53	775.73	774.00	771.16	773.50
78.5	690.00	689.55	689.07	690.07	690.81	691.06	690.61	689.24	686.75	689.12
79.0	607.40	606.99	606.61	607.88	608.95	609.56	609.49	608.50	606.37	608.54
79.5	530.46	530.91	531.33	532.82	534.00	534.65	534.55	533.49	531.28	532.39
80.0	457.04	458.24	459.32	460.86	461.99	462.52	462.25	461.03	458.67	458.88
80.5	384.44	385.38	386.17	387.35	388.14	388.38	387.90	386.56	384.20	384.68
81.0	316.61	316.74	316.75	317.42	317.81	317.76	317.15	315.85	313.72	315.08
81.5	257.51	256.07	254.64	254.73	254.79	254.70	254.34	253.56	252.27	255.43
82.0	204.30	201.78	199.38	199.08	198.95	198.88	198.75	198.44	197.84	202.20

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

82.5	154.12	152.91	151.73	151.74	151.75	151.67	151.41	150.86	149.94	152.72
83.0	110.98	111.38	111.66	112.02	112.16	111.99	111.45	110.47	109.00	109.82
83.5	79.22	79.70	79.98	80.04	79.82	79.28	78.39	77.10	75.38	75.98
84.0	54.86	55.04	54.98	54.67	54.10	53.24	52.09	50.64	48.87	49.62
84.5	34.82	34.99	34.94	34.64	34.10	33.34	32.33	31.07	29.57	30.05
85.0	20.61	20.76	20.77	20.58	20.22	19.68	18.97	18.06	16.97	17.18
85.5	13.78	13.87	13.89	13.80	13.61	13.33	12.94	12.43	11.81	11.92
86.0	11.00	11.03	11.04	11.05	11.02	10.95	10.84	10.68	10.47	10.54
86.5	9.46	9.48	9.49	9.52	9.54	9.54	9.51	9.46	9.36	9.41
87.0	9.14	9.15	9.16	9.19	9.21	9.22	9.21	9.16	9.09	9.12
87.5	8.99	9.00	9.01	9.05	9.08	9.10	9.10	9.07	9.02	9.05
88.0	9.15	9.15	9.16	9.20	9.24	9.26	9.26	9.24	9.20	9.23
88.5	9.38	9.39	9.39	9.44	9.47	9.50	9.51	9.50	9.45	9.49
89.0	9.69	9.69	9.69	9.74	9.78	9.81	9.82	9.81	9.78	9.81
89.5	9.99	9.98	9.98	10.03	10.07	10.10	10.12	10.11	10.08	10.11
90.0	10.29	10.29	10.29	10.34	10.38	10.41	10.43	10.42	10.38	10.41

**Vert.
Angles**

Horizontal Angles

	<u>275.0</u>	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.68	10914.74	10914.77	10914.79	10914.79	10914.73	10914.65	10914.57	10914.49	10914.41
1.0	10913.37	10913.48	10913.55	10913.59	10913.59	10913.49	10913.37	10913.24	10913.10	10912.97
1.5	10910.94	10911.10	10911.21	10911.26	10911.27	10911.18	10911.05	10910.91	10910.75	10910.60
2.0	10907.57	10907.77	10907.90	10907.96	10907.98	10907.90	10907.78	10907.64	10907.48	10907.32
2.5	10903.41	10903.61	10903.73	10903.79	10903.79	10903.72	10903.60	10903.46	10903.31	10903.15
3.0	10898.52	10898.72	10898.84	10898.88	10898.87	10898.79	10898.66	10898.51	10898.35	10898.18
3.5	10893.08	10893.31	10893.45	10893.50	10893.48	10893.37	10893.20	10893.00	10892.79	10892.58
4.0	10886.89	10887.16	10887.32	10887.39	10887.37	10887.22	10887.01	10886.77	10886.52	10886.27
4.5	10879.71	10880.00	10880.18	10880.26	10880.25	10880.10	10879.91	10879.67	10879.42	10879.18
5.0	10871.84	10872.13	10872.31	10872.39	10872.38	10872.27	10872.10	10871.89	10871.67	10871.46
5.5	10863.61	10863.87	10864.01	10864.05	10864.01	10863.94	10863.82	10863.67	10863.50	10863.32
6.0	10854.70	10854.93	10855.04	10855.04	10854.96	10854.92	10854.84	10854.73	10854.60	10854.46
6.5	10844.89	10845.12	10845.21	10845.20	10845.11	10845.06	10844.98	10844.87	10844.73	10844.59
7.0	10834.29	10834.53	10834.63	10834.61	10834.51	10834.45	10834.33	10834.19	10834.02	10833.84
7.5	10822.98	10823.26	10823.40	10823.40	10823.29	10823.17	10823.00	10822.78	10822.54	10822.29
8.0	10810.75	10811.07	10811.23	10811.24	10811.13	10810.97	10810.75	10810.47	10810.17	10809.86
8.5	10797.32	10797.63	10797.77	10797.77	10797.65	10797.51	10797.32	10797.07	10796.80	10796.52
9.0	10782.95	10783.23	10783.34	10783.31	10783.17	10783.07	10782.92	10782.73	10782.51	10782.27
9.5	10767.85	10768.09	10768.15	10768.07	10767.89	10767.82	10767.70	10767.54	10767.35	10767.15
10.0	10751.92	10752.13	10752.15	10752.03	10751.81	10751.74	10751.63	10751.48	10751.31	10751.12
10.5	10735.22	10735.43	10735.44	10735.29	10735.03	10734.93	10734.78	10734.60	10734.39	10734.17
11.0	10717.58	10717.79	10717.79	10717.63	10717.35	10717.21	10717.03	10716.81	10716.57	10716.33
11.5	10698.78	10698.97	10698.96	10698.79	10698.51	10698.40	10698.24	10698.05	10697.85	10697.63
12.0	10679.04	10679.20	10679.16	10678.97	10678.69	10678.61	10678.50	10678.36	10678.20	10678.03
12.5	10658.50	10658.63	10658.55	10658.31	10657.98	10657.92	10657.82	10657.71	10657.59	10657.46
13.0	10637.15	10637.24	10637.11	10636.82	10636.44	10636.38	10636.30	10636.21	10636.11	10636.02
13.5	10615.04	10615.09	10614.92	10614.58	10614.16	10614.10	10614.04	10613.96	10613.89	10613.83
14.0	10592.14	10592.15	10591.94	10591.56	10591.11	10591.05	10590.98	10590.91	10590.84	10590.79
14.5	10568.42	10568.43	10568.20	10567.80	10567.32	10567.21	10567.10	10566.98	10566.87	10566.77
15.0	10543.84	10543.86	10543.63	10543.23	10542.72	10542.58	10542.42	10542.26	10542.11	10541.98
15.5	10518.33	10518.35	10518.12	10517.72	10517.21	10517.10	10516.97	10516.85	10516.74	10516.65
16.0	10491.98	10492.02	10491.79	10491.40	10490.91	10490.83	10490.75	10490.67	10490.60	10490.56
16.5	10464.86	10464.94	10464.75	10464.37	10463.88	10463.82	10463.75	10463.68	10463.62	10463.57
17.0	10436.94	10437.08	10436.92	10436.56	10436.09	10436.04	10435.97	10435.88	10435.80	10435.73
17.5	10408.26	10408.43	10408.31	10407.99	10407.54	10407.47	10407.37	10407.26	10407.15	10407.05

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

18.0	10378.78	10378.97	10378.87	10378.56	10378.13	10378.04	10377.93	10377.80	10377.67	10377.56
18.5	10348.46	10348.63	10348.50	10348.17	10347.71	10347.65	10347.56	10347.46	10347.37	10347.28
19.0	10317.33	10317.47	10317.31	10316.94	10316.44	10316.41	10316.37	10316.31	10316.25	10316.20
19.5	10285.42	10285.56	10285.38	10284.99	10284.48	10284.46	10284.43	10284.38	10284.34	10284.29
20.0	10252.70	10252.84	10252.66	10252.25	10251.72	10251.71	10251.68	10251.63	10251.59	10251.54
20.5	10219.16	10219.30	10219.12	10218.71	10218.17	10218.13	10218.09	10218.03	10217.97	10217.92
21.0	10184.76	10184.90	10184.70	10184.28	10183.73	10183.68	10183.61	10183.54	10183.46	10183.40
21.5	10149.44	10149.55	10149.33	10148.87	10148.28	10148.22	10148.15	10148.08	10148.01	10147.95
22.0	10113.25	10113.33	10113.07	10112.57	10111.94	10111.88	10111.81	10111.74	10111.67	10111.63
22.5	10076.22	10076.26	10075.96	10075.42	10074.74	10074.67	10074.60	10074.53	10074.47	10074.43
23.0	10038.40	10038.41	10038.08	10037.50	10036.79	10036.71	10036.63	10036.56	10036.50	10036.46
23.5	9999.88	9999.91	9999.57	9998.99	9998.28	9998.19	9998.09	9998.01	9997.93	9997.87
24.0	9960.58	9960.61	9960.27	9959.67	9958.94	9958.84	9958.74	9958.63	9958.54	9958.47
24.5	9920.47	9920.43	9920.00	9919.32	9918.51	9918.39	9918.27	9918.17	9918.09	9918.03
25.0	9879.46	9879.38	9878.89	9878.14	9877.26	9877.13	9877.01	9876.91	9876.84	9876.80
25.5	9837.41	9837.43	9837.03	9836.35	9835.53	9835.43	9835.32	9835.22	9835.13	9835.05
26.0	9794.45	9794.57	9794.28	9793.68	9792.93	9792.86	9792.77	9792.67	9792.56	9792.46
26.5	9750.70	9750.80	9750.47	9749.84	9749.05	9749.00	9748.93	9748.86	9748.78	9748.71
27.0	9706.03	9706.09	9705.71	9705.03	9704.20	9704.18	9704.14	9704.10	9704.07	9704.03
27.5	9660.27	9660.35	9660.01	9659.37	9658.58	9658.60	9658.62	9658.63	9658.63	9658.64
28.0	9613.63	9613.77	9613.47	9612.87	9612.13	9612.19	9612.24	9612.28	9612.31	9612.33
28.5	9566.32	9566.49	9566.21	9565.63	9564.88	9564.91	9564.93	9564.93	9564.91	9564.90
29.0	9518.27	9518.44	9518.16	9517.56	9516.79	9516.79	9516.77	9516.73	9516.69	9516.64
29.5	9469.53	9469.63	9469.26	9468.60	9467.77	9467.82	9467.86	9467.89	9467.91	9467.92
30.0	9419.99	9420.02	9419.60	9418.88	9418.00	9418.08	9418.15	9418.22	9418.29	9418.33
30.5	9369.60	9369.71	9369.35	9368.65	9367.78	9367.74	9367.68	9367.61	9367.53	9367.45
31.0	9318.19	9318.43	9318.15	9317.52	9316.67	9316.53	9316.34	9316.12	9315.90	9315.68
31.5	9265.38	9265.74	9265.58	9265.04	9264.27	9264.18	9264.04	9263.85	9263.64	9263.41
32.0	9211.75	9212.18	9212.08	9211.59	9210.88	9210.87	9210.79	9210.67	9210.49	9210.30
32.5	9157.97	9158.30	9158.10	9157.51	9156.70	9156.66	9156.56	9156.42	9156.24	9156.05
33.0	9103.34	9103.57	9103.26	9102.57	9101.65	9101.55	9101.41	9101.23	9101.03	9100.82
33.5	9047.20	9047.48	9047.21	9046.56	9045.69	9045.55	9045.37	9045.15	9044.91	9044.67
34.0	8990.12	8990.47	8990.28	8989.70	8988.87	8988.71	8988.48	8988.21	8987.92	8987.64
34.5	8932.48	8932.86	8932.68	8932.09	8931.26	8931.04	8930.76	8930.43	8930.08	8929.75
35.0	8874.18	8874.55	8874.35	8873.73	8872.86	8872.60	8872.26	8871.88	8871.49	8871.11
35.5	8815.33	8815.63	8815.37	8814.70	8813.77	8813.47	8813.11	8812.71	8812.29	8811.90
36.0	8755.65	8755.89	8755.55	8754.81	8753.82	8753.52	8753.15	8752.75	8752.35	8751.97
36.5	8694.81	8694.99	8694.59	8693.79	8692.75	8692.49	8692.18	8691.85	8691.53	8691.23
37.0	8633.10	8633.28	8632.87	8632.05	8630.99	8630.77	8630.51	8630.23	8629.96	8629.72
37.5	8570.80	8571.13	8570.86	8570.16	8569.19	8568.93	8568.61	8568.25	8567.89	8567.54
38.0	8507.65	8508.13	8508.00	8507.41	8506.52	8506.22	8505.82	8505.36	8504.88	8504.41
38.5	8443.41	8443.87	8443.71	8443.08	8442.15	8441.83	8441.41	8440.93	8440.43	8439.95
39.0	8378.27	8378.68	8378.46	8377.78	8376.80	8376.46	8376.04	8375.56	8375.07	8374.61
39.5	8312.38	8312.84	8312.66	8312.00	8311.04	8310.72	8310.30	8309.83	8309.34	8308.87
40.0	8245.61	8246.13	8246.00	8245.38	8244.45	8244.14	8243.72	8243.24	8242.74	8242.25
40.5	8177.86	8178.43	8178.33	8177.71	8176.77	8176.43	8175.99	8175.47	8174.91	8174.37
41.0	8109.19	8109.79	8109.69	8109.05	8108.07	8107.71	8107.22	8106.65	8106.04	8105.45
41.5	8039.61	8040.15	8039.98	8039.29	8038.25	8037.84	8037.32	8036.72	8036.10	8035.50
42.0	7969.22	7969.70	7969.46	7968.70	7967.60	7967.16	7966.60	7965.99	7965.35	7964.75
42.5	7898.26	7898.73	7898.48	7897.68	7896.54	7896.06	7895.48	7894.84	7894.18	7893.55
43.0	7826.34	7826.84	7826.58	7825.77	7824.60	7824.13	7823.54	7822.88	7822.21	7821.58
43.5	7753.06	7753.61	7753.40	7752.61	7751.46	7751.03	7750.48	7749.86	7749.22	7748.61
44.0	7678.76	7679.31	7679.10	7678.31	7677.17	7676.81	7676.35	7675.81	7675.25	7674.71
44.5	7603.59	7603.95	7603.57	7602.67	7601.45	7601.22	7600.92	7600.58	7600.22	7599.88
45.0	7527.69	7527.83	7527.27	7526.23	7524.92	7524.79	7524.62	7524.45	7524.26	7524.09
45.5	7451.33	7451.43	7450.81	7449.68	7448.28	7448.11	7447.91	7447.68	7447.45	7447.21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

46.0	7374.15	7374.25	7373.59	7372.42	7370.95	7370.73	7370.47	7370.17	7369.86	7369.54
46.5	7295.78	7295.87	7295.21	7294.03	7292.56	7292.42	7292.24	7292.03	7291.78	7291.52
47.0	7216.42	7216.48	7215.80	7214.61	7213.16	7213.09	7213.00	7212.88	7212.72	7212.54
47.5	7136.21	7136.15	7135.37	7134.10	7132.58	7132.48	7132.37	7132.25	7132.11	7131.96
48.0	7054.95	7054.81	7053.95	7052.62	7051.05	7050.89	7050.74	7050.59	7050.45	7050.31
48.5	6972.37	6972.32	6971.54	6970.27	6968.74	6968.60	6968.45	6968.29	6968.14	6967.99
49.0	6888.84	6888.92	6888.24	6887.05	6885.58	6885.44	6885.28	6885.11	6884.92	6884.74
49.5	6804.70	6804.79	6804.12	6802.94	6801.49	6801.29	6801.06	6800.82	6800.58	6800.36
50.0	6719.88	6719.93	6719.25	6718.06	6716.60	6716.32	6716.02	6715.71	6715.41	6715.13
50.5	6634.54	6634.54	6633.82	6632.59	6631.09	6630.76	6630.41	6630.05	6629.69	6629.36
51.0	6548.33	6548.32	6547.58	6546.34	6544.81	6544.45	6544.05	6543.63	6543.21	6542.80
51.5	6460.94	6461.05	6460.43	6459.28	6457.83	6457.41	6456.93	6456.42	6455.91	6455.42
52.0	6372.46	6372.70	6372.18	6371.12	6369.73	6369.25	6368.70	6368.10	6367.50	6366.93
52.5	6282.75	6282.98	6282.42	6281.30	6279.83	6279.29	6278.66	6278.01	6277.35	6276.75
53.0	6192.13	6192.33	6191.72	6190.53	6188.99	6188.40	6187.75	6187.06	6186.39	6185.79
53.5	6101.01	6101.27	6100.74	6099.63	6098.16	6097.63	6097.01	6096.35	6095.68	6095.07
54.0	6009.05	6009.32	6008.82	6007.75	6006.34	6005.88	6005.34	6004.75	6004.15	6003.57
54.5	5916.08	5916.08	5915.31	5914.03	5912.45	5912.09	5911.69	5911.28	5910.88	5910.50
55.0	5822.10	5821.84	5820.84	5819.34	5817.60	5817.29	5816.99	5816.71	5816.46	5816.25
55.5	5726.90	5726.78	5725.88	5724.46	5722.76	5722.35	5721.93	5721.52	5721.15	5720.84
56.0	5630.84	5630.89	5630.14	5628.83	5627.19	5626.67	5626.12	5625.58	5625.07	5624.65
56.5	5534.35	5534.35	5533.50	5532.08	5530.34	5529.88	5529.40	5528.93	5528.51	5528.17
57.0	5436.89	5436.82	5435.88	5434.36	5432.53	5432.18	5431.84	5431.51	5431.23	5431.01
57.5	5337.85	5337.90	5337.08	5335.67	5333.94	5333.72	5333.49	5333.26	5333.07	5332.92
58.0	5237.84	5238.00	5237.29	5236.00	5234.38	5234.30	5234.21	5234.12	5234.04	5233.99
58.5	5137.54	5137.54	5136.72	5135.33	5133.69	5133.79	5133.91	5134.05	5134.20	5134.36
59.0	5036.23	5036.10	5035.15	5033.69	5032.00	5032.24	5032.53	5032.86	5033.19	5033.52
59.5	4933.90	4933.90	4933.08	4931.72	4930.12	4930.36	4930.63	4930.91	4931.19	4931.44
60.0	4829.23	4829.37	4828.67	4827.42	4825.89	4826.09	4826.30	4826.50	4826.67	4826.81
60.5	4720.74	4720.76	4719.96	4718.61	4717.00	4717.18	4717.39	4717.59	4717.77	4717.92
61.0	4608.91	4608.77	4607.81	4606.33	4604.62	4604.86	4605.14	4605.44	4605.74	4606.00
61.5	4493.38	4493.14	4492.08	4490.50	4488.74	4489.25	4489.84	4490.48	4491.11	4491.69
62.0	4375.22	4374.99	4373.92	4372.35	4370.61	4371.38	4372.26	4373.19	4374.13	4375.00
62.5	4254.81	4254.91	4254.16	4252.88	4251.39	4252.21	4253.10	4254.02	4254.93	4255.77
63.0	4133.79	4134.18	4133.70	4132.66	4131.36	4132.09	4132.84	4133.60	4134.34	4135.03
63.5	4014.09	4014.27	4013.57	4012.28	4010.74	4011.22	4011.74	4012.29	4012.83	4013.36
64.0	3895.24	3895.20	3894.25	3892.71	3890.88	3891.02	3891.20	3891.41	3891.64	3891.88
64.5	3777.60	3777.83	3777.08	3775.66	3773.86	3773.56	3773.22	3772.86	3772.52	3772.22
65.0	3660.45	3661.04	3660.62	3659.47	3657.84	3657.10	3656.23	3655.29	3654.35	3653.50
65.5	3543.23	3544.11	3544.05	3543.25	3541.92	3540.78	3539.44	3537.99	3536.56	3535.26
66.0	3425.79	3426.77	3426.91	3426.37	3425.31	3424.02	3422.49	3420.86	3419.25	3417.80
66.5	3307.95	3308.51	3308.39	3307.75	3306.73	3305.94	3305.02	3304.03	3303.06	3302.19
67.0	3189.19	3189.23	3188.72	3187.84	3186.75	3186.51	3186.26	3186.01	3185.78	3185.59
67.5	3068.80	3068.49	3067.65	3066.47	3065.13	3064.84	3064.59	3064.41	3064.29	3064.25
68.0	2947.22	2946.78	2945.77	2944.41	2942.90	2942.53	2942.22	2942.01	2941.90	2941.92
68.5	2824.22	2824.14	2823.48	2822.44	2821.24	2821.24	2821.30	2821.44	2821.65	2821.96
69.0	2701.11	2701.41	2701.10	2700.41	2699.53	2699.89	2700.29	2700.74	2701.24	2701.79
69.5	2578.46	2578.60	2578.17	2577.37	2576.42	2576.68	2577.00	2577.39	2577.84	2578.36
70.0	2458.28	2458.14	2457.47	2456.47	2455.33	2455.39	2455.52	2455.73	2456.03	2456.43
70.5	2344.55	2344.34	2343.56	2342.42	2341.12	2341.07	2341.07	2341.14	2341.28	2341.49
71.0	2231.85	2231.60	2230.76	2229.53	2228.14	2228.08	2228.06	2228.10	2228.17	2228.28
71.5	2114.48	2114.10	2113.20	2111.98	2110.67	2110.88	2111.18	2111.54	2111.93	2112.34
72.0	1997.30	1996.88	1996.01	1994.90	1993.73	1994.20	1994.78	1995.44	1996.14	1996.82
72.5	1883.93	1883.84	1883.26	1882.37	1881.38	1881.74	1882.16	1882.64	1883.15	1883.66
73.0	1772.44	1772.65	1772.32	1771.62	1770.76	1770.99	1771.23	1771.49	1771.77	1772.08
73.5	1661.79	1661.86	1661.41	1660.64	1659.72	1660.06	1660.43	1660.82	1661.21	1661.57

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

74.0	1552.90	1552.75	1552.13	1551.23	1550.24	1550.80	1551.41	1552.05	1552.67	1553.20
74.5	1446.21	1445.96	1445.29	1444.39	1443.48	1444.38	1445.38	1446.40	1447.36	1448.18
75.0	1342.16	1341.98	1341.39	1340.59	1339.78	1340.90	1342.13	1343.37	1344.52	1345.48
75.5	1241.57	1241.92	1241.74	1241.23	1240.59	1241.45	1242.32	1243.16	1243.91	1244.52
76.0	1143.69	1144.52	1144.69	1144.39	1143.82	1144.25	1144.60	1144.87	1145.07	1145.19
76.5	1048.01	1048.65	1048.60	1048.06	1047.20	1047.20	1047.11	1046.95	1046.74	1046.50
77.0	954.66	955.01	954.67	953.84	952.71	952.39	951.99	951.53	951.05	950.58
77.5	863.26	863.67	863.43	862.69	861.66	861.37	860.98	860.54	860.08	859.62
78.0	774.84	775.37	775.25	774.66	773.78	773.62	773.38	773.07	772.73	772.39
78.5	690.50	691.05	690.95	690.38	689.50	689.33	689.08	688.77	688.43	688.11
79.0	609.70	610.05	609.77	609.05	608.06	608.03	607.94	607.82	607.68	607.55
79.5	532.54	531.97	530.91	529.57	528.21	528.92	529.76	530.63	531.45	532.14
80.0	458.22	456.92	455.26	453.48	451.85	453.10	454.60	456.19	457.72	459.02
80.5	384.39	383.53	382.30	380.92	379.58	380.20	380.99	381.87	382.75	383.55
81.0	315.75	315.85	315.51	314.86	314.03	313.70	313.34	313.00	312.70	312.49
81.5	257.80	259.44	260.42	260.78	260.60	259.40	257.85	256.10	254.30	252.59
82.0	205.73	208.42	210.29	211.35	211.61	209.88	207.58	204.91	202.09	199.33
82.5	154.88	156.44	157.41	157.84	157.74	156.49	154.88	153.04	151.11	149.22
83.0	110.28	110.40	110.25	109.88	109.33	108.77	108.11	107.41	106.68	105.98
83.5	76.31	76.41	76.31	76.04	75.64	75.24	74.75	74.20	73.60	72.98
84.0	50.17	50.53	50.71	50.73	50.58	50.23	49.74	49.15	48.48	47.75
84.5	30.41	30.65	30.78	30.80	30.72	30.50	30.20	29.83	29.40	28.92
85.0	17.33	17.41	17.44	17.42	17.35	17.26	17.13	16.97	16.79	16.59
85.5	11.99	12.03	12.04	12.02	11.98	11.93	11.86	11.78	11.69	11.60
86.0	10.58	10.61	10.61	10.60	10.57	10.54	10.50	10.45	10.40	10.34
86.5	9.43	9.44	9.44	9.43	9.41	9.39	9.37	9.35	9.33	9.31
87.0	9.14	9.14	9.13	9.12	9.10	9.10	9.09	9.09	9.08	9.08
87.5	9.06	9.07	9.06	9.04	9.02	9.02	9.02	9.02	9.02	9.02
88.0	9.24	9.25	9.24	9.22	9.20	9.20	9.20	9.19	9.19	9.19
88.5	9.50	9.50	9.49	9.48	9.46	9.46	9.45	9.45	9.45	9.44
89.0	9.82	9.82	9.81	9.80	9.78	9.77	9.77	9.77	9.77	9.77
89.5	10.12	10.12	10.11	10.10	10.07	10.07	10.07	10.07	10.07	10.07
90.0	10.43	10.43	10.42	10.40	10.38	10.38	10.39	10.39	10.39	10.39

**Vert.
Angles**

Horizontal Angles

	<u>300.0</u>	<u>302.5</u>	<u>305.0</u>	<u>307.5</u>	<u>310.0</u>	<u>312.5</u>	<u>315.0</u>	<u>317.5</u>	<u>320.0</u>	<u>322.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.34	10914.35	10914.38	10914.41	10914.44	10914.47	10914.49	10914.43	10914.36	10914.29
1.0	10912.85	10912.87	10912.90	10912.94	10912.99	10913.03	10913.06	10912.97	10912.88	10912.78
1.5	10910.46	10910.45	10910.46	10910.48	10910.51	10910.54	10910.57	10910.51	10910.46	10910.39
2.0	10907.18	10907.14	10907.12	10907.12	10907.13	10907.14	10907.16	10907.15	10907.14	10907.14
2.5	10902.99	10902.95	10902.91	10902.90	10902.90	10902.91	10902.92	10902.94	10902.95	10902.97
3.0	10898.03	10897.97	10897.95	10897.93	10897.93	10897.95	10897.97	10897.99	10898.02	10898.05
3.5	10892.39	10892.36	10892.36	10892.38	10892.42	10892.47	10892.52	10892.53	10892.54	10892.55
4.0	10886.05	10886.04	10886.07	10886.13	10886.21	10886.29	10886.38	10886.38	10886.37	10886.37
4.5	10878.97	10878.98	10879.03	10879.10	10879.20	10879.31	10879.42	10879.44	10879.46	10879.47
5.0	10871.27	10871.28	10871.33	10871.40	10871.50	10871.60	10871.71	10871.75	10871.79	10871.83
5.5	10863.17	10863.15	10863.15	10863.18	10863.22	10863.26	10863.31	10863.33	10863.35	10863.37
6.0	10854.33	10854.28	10854.24	10854.21	10854.18	10854.17	10854.16	10854.14	10854.13	10854.12
6.5	10844.45	10844.38	10844.33	10844.29	10844.25	10844.22	10844.21	10844.18	10844.16	10844.15
7.0	10833.67	10833.60	10833.54	10833.49	10833.46	10833.44	10833.42	10833.39	10833.36	10833.35
7.5	10822.05	10821.96	10821.89	10821.85	10821.81	10821.79	10821.78	10821.71	10821.65	10821.60
8.0	10809.57	10809.47	10809.40	10809.35	10809.31	10809.29	10809.26	10809.16	10809.06	10808.97
8.5	10796.25	10796.15	10796.08	10796.02	10795.97	10795.93	10795.89	10795.76	10795.63	10795.51
9.0	10782.05	10781.95	10781.87	10781.80	10781.73	10781.67	10781.60	10781.46	10781.31	10781.17

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

9.5	10766.94	10766.82	10766.71	10766.59	10766.49	10766.38	10766.28	10766.13	10765.99	10765.85
10.0	10750.93	10750.78	10750.64	10750.50	10750.37	10750.23	10750.11	10749.96	10749.82	10749.70
10.5	10733.96	10733.84	10733.73	10733.63	10733.53	10733.43	10733.33	10733.16	10733.00	10732.84
11.0	10716.10	10716.01	10715.94	10715.87	10715.81	10715.75	10715.68	10715.50	10715.31	10715.13
11.5	10697.42	10697.32	10697.23	10697.14	10697.06	10696.98	10696.88	10696.70	10696.52	10696.34
12.0	10677.85	10677.75	10677.64	10677.54	10677.45	10677.35	10677.24	10677.08	10676.92	10676.78
12.5	10657.33	10657.28	10657.23	10657.19	10657.15	10657.11	10657.07	10656.99	10656.90	10656.81
13.0	10635.94	10635.94	10635.96	10635.98	10636.01	10636.04	10636.06	10636.06	10636.04	10636.03
13.5	10613.77	10613.78	10613.80	10613.83	10613.86	10613.90	10613.95	10613.98	10614.02	10614.05
14.0	10590.74	10590.74	10590.76	10590.79	10590.82	10590.87	10590.92	10590.98	10591.04	10591.10
14.5	10566.69	10566.71	10566.76	10566.82	10566.89	10566.97	10567.05	10567.09	10567.12	10567.15
15.0	10541.88	10541.93	10542.01	10542.12	10542.23	10542.35	10542.46	10542.47	10542.47	10542.47
15.5	10516.59	10516.69	10516.81	10516.96	10517.12	10517.27	10517.41	10517.43	10517.43	10517.42
16.0	10490.55	10490.68	10490.84	10491.01	10491.19	10491.37	10491.53	10491.56	10491.57	10491.57
16.5	10463.54	10463.65	10463.78	10463.92	10464.08	10464.23	10464.37	10464.41	10464.44	10464.46
17.0	10435.68	10435.76	10435.86	10435.97	10436.10	10436.23	10436.35	10436.42	10436.49	10436.54
17.5	10406.99	10407.08	10407.20	10407.35	10407.51	10407.69	10407.87	10408.02	10408.16	10408.29
18.0	10377.48	10377.59	10377.74	10377.92	10378.12	10378.34	10378.56	10378.77	10378.96	10379.15
18.5	10347.23	10347.31	10347.43	10347.58	10347.74	10347.91	10348.09	10348.25	10348.41	10348.56
19.0	10316.16	10316.22	10316.30	10316.40	10316.51	10316.63	10316.75	10316.86	10316.96	10317.07
19.5	10284.26	10284.30	10284.35	10284.42	10284.51	10284.61	10284.73	10284.87	10285.02	10285.18
20.0	10251.51	10251.54	10251.58	10251.64	10251.73	10251.83	10251.94	10252.13	10252.32	10252.51
20.5	10217.88	10217.93	10218.01	10218.10	10218.20	10218.32	10218.44	10218.56	10218.69	10218.81
21.0	10183.36	10183.45	10183.56	10183.69	10183.82	10183.96	10184.10	10184.15	10184.20	10184.24
21.5	10147.92	10148.03	10148.16	10148.31	10148.47	10148.63	10148.78	10148.84	10148.88	10148.92
22.0	10111.61	10111.73	10111.88	10112.04	10112.21	10112.39	10112.55	10112.62	10112.67	10112.71
22.5	10074.42	10074.54	10074.69	10074.85	10075.03	10075.20	10075.36	10075.41	10075.45	10075.48
23.0	10036.45	10036.57	10036.71	10036.87	10037.04	10037.20	10037.35	10037.38	10037.40	10037.41
23.5	9997.85	9997.96	9998.11	9998.27	9998.43	9998.59	9998.73	9998.73	9998.71	9998.69
24.0	9958.44	9958.55	9958.70	9958.86	9959.03	9959.19	9959.34	9959.32	9959.29	9959.25
24.5	9918.01	9918.15	9918.32	9918.50	9918.70	9918.90	9919.08	9919.13	9919.16	9919.18
25.0	9876.79	9876.93	9877.10	9877.29	9877.50	9877.71	9877.91	9878.03	9878.13	9878.23
25.5	9835.00	9835.07	9835.16	9835.28	9835.42	9835.56	9835.71	9835.84	9835.97	9836.09
26.0	9792.38	9792.37	9792.39	9792.43	9792.48	9792.56	9792.64	9792.76	9792.89	9793.03
26.5	9748.65	9748.65	9748.66	9748.69	9748.74	9748.80	9748.88	9749.00	9749.12	9749.25
27.0	9704.01	9704.03	9704.05	9704.09	9704.14	9704.20	9704.27	9704.37	9704.48	9704.58
27.5	9658.64	9658.64	9658.64	9658.65	9658.66	9658.67	9658.69	9658.76	9658.82	9658.89
28.0	9612.34	9612.33	9612.31	9612.28	9612.26	9612.24	9612.22	9612.25	9612.28	9612.32
28.5	9564.88	9564.87	9564.86	9564.86	9564.86	9564.86	9564.87	9564.91	9564.95	9565.00
29.0	9516.59	9516.58	9516.58	9516.59	9516.61	9516.63	9516.66	9516.71	9516.76	9516.82
29.5	9467.92	9467.87	9467.81	9467.74	9467.68	9467.63	9467.58	9467.61	9467.65	9467.69
30.0	9418.36	9418.27	9418.17	9418.05	9417.94	9417.82	9417.72	9417.71	9417.71	9417.72
30.5	9367.37	9367.34	9367.32	9367.30	9367.28	9367.27	9367.25	9367.18	9367.11	9367.05
31.0	9315.48	9315.50	9315.54	9315.61	9315.69	9315.76	9315.82	9315.72	9315.61	9315.49
31.5	9263.19	9263.12	9263.07	9263.03	9263.01	9262.99	9262.99	9262.95	9262.91	9262.88
32.0	9210.08	9209.91	9209.75	9209.60	9209.46	9209.35	9209.27	9209.29	9209.34	9209.41
32.5	9155.84	9155.68	9155.53	9155.39	9155.27	9155.18	9155.12	9155.15	9155.21	9155.30
33.0	9100.62	9100.51	9100.41	9100.34	9100.28	9100.25	9100.23	9100.25	9100.29	9100.34
33.5	9044.45	9044.40	9044.38	9044.38	9044.40	9044.43	9044.46	9044.42	9044.39	9044.36
34.0	8987.39	8987.39	8987.44	8987.52	8987.61	8987.70	8987.78	8987.71	8987.63	8987.54
34.5	8929.45	8929.47	8929.54	8929.65	8929.79	8929.93	8930.07	8930.06	8930.04	8930.02
35.0	8870.78	8870.79	8870.86	8870.98	8871.14	8871.31	8871.50	8871.57	8871.64	8871.71
35.5	8811.55	8811.54	8811.59	8811.69	8811.83	8812.00	8812.19	8812.30	8812.41	8812.52
36.0	8751.63	8751.61	8751.65	8751.75	8751.89	8752.05	8752.23	8752.35	8752.48	8752.60
36.5	8690.99	8691.04	8691.16	8691.32	8691.51	8691.71	8691.92	8692.01	8692.09	8692.16
37.0	8629.54	8629.66	8629.83	8630.05	8630.29	8630.53	8630.76	8630.82	8630.85	8630.87

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

37.5	8567.25	8567.30	8567.42	8567.58	8567.78	8568.00	8568.21	8568.31	8568.40	8568.46
38.0	8504.00	8503.97	8504.02	8504.13	8504.28	8504.46	8504.66	8504.80	8504.93	8505.05
38.5	8439.53	8439.52	8439.60	8439.73	8439.91	8440.10	8440.30	8440.40	8440.49	8440.55
39.0	8374.20	8374.23	8374.34	8374.51	8374.71	8374.93	8375.14	8375.20	8375.23	8375.24
39.5	8308.45	8308.47	8308.57	8308.73	8308.92	8309.14	8309.35	8309.42	8309.47	8309.51
40.0	8241.82	8241.81	8241.88	8242.01	8242.18	8242.38	8242.58	8242.69	8242.78	8242.86
40.5	8173.88	8173.83	8173.86	8173.95	8174.09	8174.26	8174.44	8174.57	8174.68	8174.79
41.0	8104.91	8104.82	8104.82	8104.88	8105.00	8105.16	8105.34	8105.49	8105.63	8105.77
41.5	8034.95	8034.88	8034.89	8034.98	8035.14	8035.33	8035.56	8035.79	8036.01	8036.23
42.0	7964.21	7964.16	7964.21	7964.35	7964.55	7964.80	7965.08	7965.36	7965.63	7965.89
42.5	7893.00	7892.99	7893.08	7893.26	7893.50	7893.77	7894.06	7894.26	7894.44	7894.60
43.0	7821.02	7821.04	7821.16	7821.36	7821.62	7821.90	7822.18	7822.28	7822.36	7822.40
43.5	7748.06	7748.07	7748.17	7748.34	7748.57	7748.82	7749.07	7749.15	7749.22	7749.25
44.0	7674.22	7674.20	7674.27	7674.39	7674.57	7674.77	7674.98	7675.07	7675.15	7675.21
44.5	7599.58	7599.57	7599.63	7599.73	7599.85	7600.00	7600.16	7600.25	7600.34	7600.41
45.0	7523.94	7523.92	7523.93	7523.97	7524.04	7524.12	7524.21	7524.33	7524.46	7524.58
45.5	7446.99	7446.83	7446.69	7446.58	7446.51	7446.49	7446.52	7446.75	7447.02	7447.31
46.0	7369.22	7368.89	7368.60	7368.34	7368.14	7368.01	7367.96	7368.28	7368.67	7369.09
46.5	7291.24	7290.85	7290.46	7290.11	7289.80	7289.56	7289.40	7289.66	7289.99	7290.37
47.0	7212.33	7211.94	7211.54	7211.15	7210.79	7210.48	7210.25	7210.40	7210.61	7210.87
47.5	7131.79	7131.51	7131.21	7130.93	7130.66	7130.43	7130.25	7130.27	7130.34	7130.45
48.0	7050.17	7050.00	7049.84	7049.69	7049.55	7049.42	7049.32	7049.23	7049.17	7049.14
48.5	6967.84	6967.72	6967.61	6967.51	6967.41	6967.32	6967.24	6967.11	6967.00	6966.91
49.0	6884.57	6884.49	6884.42	6884.36	6884.30	6884.26	6884.21	6884.07	6883.94	6883.84
49.5	6800.17	6800.17	6800.20	6800.26	6800.33	6800.39	6800.45	6800.34	6800.21	6800.10
50.0	6714.91	6714.95	6715.04	6715.17	6715.31	6715.46	6715.60	6715.54	6715.47	6715.40
50.5	6629.06	6628.96	6628.92	6628.91	6628.94	6629.00	6629.08	6629.12	6629.18	6629.27
51.0	6542.43	6542.19	6542.01	6541.87	6541.79	6541.77	6541.79	6541.94	6542.13	6542.36
51.5	6454.97	6454.79	6454.67	6454.63	6454.63	6454.70	6454.81	6455.00	6455.22	6455.46
52.0	6366.44	6366.36	6366.37	6366.46	6366.62	6366.82	6367.05	6367.27	6367.49	6367.71
52.5	6276.25	6276.28	6276.42	6276.65	6276.94	6277.28	6277.63	6277.87	6278.10	6278.30
53.0	6185.29	6185.36	6185.57	6185.86	6186.23	6186.64	6187.06	6187.35	6187.61	6187.85
53.5	6094.54	6094.48	6094.54	6094.69	6094.93	6095.23	6095.58	6095.98	6096.39	6096.80
54.0	6003.06	6002.86	6002.76	6002.75	6002.83	6002.99	6003.23	6003.75	6004.31	6004.88
54.5	5910.17	5909.97	5909.85	5909.79	5909.82	5909.93	5910.13	5910.70	5911.32	5911.95
55.0	5816.08	5815.98	5815.93	5815.94	5816.02	5816.16	5816.38	5816.92	5817.50	5818.08
55.5	5720.62	5720.74	5720.95	5721.23	5721.56	5721.92	5722.30	5722.66	5723.00	5723.31
56.0	5624.35	5624.67	5625.12	5625.64	5626.21	5626.78	5627.32	5627.49	5627.59	5627.63
56.5	5527.94	5528.26	5528.70	5529.21	5529.75	5530.30	5530.81	5530.98	5531.08	5531.13
57.0	5430.88	5431.15	5431.51	5431.92	5432.36	5432.81	5433.23	5433.41	5433.55	5433.64
57.5	5332.85	5333.11	5333.44	5333.81	5334.19	5334.56	5334.90	5334.96	5334.98	5334.95
58.0	5233.98	5234.22	5234.50	5234.80	5235.10	5235.37	5235.59	5235.54	5235.45	5235.32
58.5	5134.52	5134.69	5134.84	5134.98	5135.11	5135.21	5135.28	5135.24	5135.17	5135.08
59.0	5033.82	5033.87	5033.88	5033.86	5033.81	5033.76	5033.70	5033.74	5033.78	5033.83
59.5	4931.65	4931.57	4931.45	4931.32	4931.18	4931.07	4931.00	4931.25	4931.53	4931.83
60.0	4826.91	4826.72	4826.50	4826.27	4826.08	4825.94	4825.88	4826.33	4826.84	4827.39
60.5	4718.02	4717.76	4717.47	4717.19	4716.94	4716.76	4716.68	4717.17	4717.77	4718.42
61.0	4606.20	4605.92	4605.61	4605.28	4604.99	4604.76	4604.65	4605.12	4605.70	4606.37
61.5	4492.18	4491.97	4491.67	4491.32	4490.98	4490.68	4490.49	4490.88	4491.40	4492.01
62.0	4375.75	4375.66	4375.44	4375.13	4374.79	4374.48	4374.22	4374.48	4374.84	4375.30
62.5	4256.51	4256.63	4256.63	4256.54	4256.38	4256.19	4256.01	4255.94	4255.93	4255.98
63.0	4135.64	4135.93	4136.13	4136.24	4136.29	4136.28	4136.22	4135.98	4135.74	4135.54
63.5	4013.84	4014.05	4014.21	4014.35	4014.46	4014.57	4014.69	4014.90	4015.14	4015.42
64.0	3892.13	3892.23	3892.34	3892.48	3892.67	3892.92	3893.25	3893.94	3894.69	3895.49
64.5	3772.00	3772.10	3772.30	3772.60	3772.97	3773.43	3773.96	3774.58	3775.26	3775.98
65.0	3652.80	3652.97	3653.34	3653.86	3654.49	3655.19	3655.93	3656.35	3656.78	3657.24

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

65.5	3534.21	3534.63	3535.33	3536.24	3537.27	3538.36	3539.43	3539.69	3539.89	3540.07
66.0	3416.64	3417.23	3418.14	3419.28	3420.54	3421.85	3423.08	3423.26	3423.34	3423.36
66.5	3301.50	3301.83	3302.36	3303.05	3303.83	3304.67	3305.49	3305.82	3306.10	3306.38
67.0	3185.46	3185.54	3185.70	3185.93	3186.23	3186.59	3187.02	3187.57	3188.17	3188.80
67.5	3064.30	3064.58	3064.95	3065.41	3065.96	3066.58	3067.27	3068.10	3068.98	3069.87
68.0	2942.08	2942.65	2943.36	2944.19	2945.10	2946.08	2947.09	2948.08	2949.06	2950.02
68.5	2822.37	2823.15	2824.02	2824.94	2825.88	2826.81	2827.70	2828.31	2828.86	2829.34
69.0	2702.40	2703.32	2704.26	2705.20	2706.10	2706.93	2707.64	2707.89	2708.01	2708.02
69.5	2578.96	2579.90	2580.89	2581.89	2582.86	2583.78	2584.59	2585.03	2585.33	2585.52
70.0	2456.92	2457.75	2458.66	2459.61	2460.57	2461.52	2462.41	2463.12	2463.73	2464.22
70.5	2341.77	2342.25	2342.79	2343.38	2344.01	2344.67	2345.33	2346.05	2346.74	2347.37
71.0	2228.43	2228.56	2228.73	2228.94	2229.20	2229.50	2229.87	2230.52	2231.20	2231.88
71.5	2112.73	2112.78	2112.82	2112.85	2112.90	2112.99	2113.14	2113.65	2114.22	2114.82
72.0	1997.45	1997.56	1997.60	1997.60	1997.59	1997.59	1997.63	1998.01	1998.44	1998.91
72.5	1884.16	1884.48	1884.76	1885.03	1885.27	1885.51	1885.75	1886.09	1886.42	1886.73
73.0	1772.40	1772.82	1773.25	1773.68	1774.11	1774.52	1774.90	1775.24	1775.53	1775.76
73.5	1661.91	1661.98	1662.02	1662.05	1662.07	1662.11	1662.19	1662.59	1663.01	1663.43
74.0	1553.62	1553.24	1552.76	1552.22	1551.68	1551.21	1550.86	1551.31	1551.90	1552.56
74.5	1448.78	1448.03	1447.07	1446.00	1444.93	1443.95	1443.16	1443.66	1444.38	1445.24
75.0	1346.17	1345.25	1344.07	1342.74	1341.40	1340.16	1339.12	1339.58	1340.29	1341.18
75.5	1244.93	1244.41	1243.72	1242.92	1242.10	1241.31	1240.63	1240.78	1241.07	1241.45
76.0	1145.24	1145.17	1145.05	1144.89	1144.71	1144.51	1144.31	1144.23	1144.16	1144.09
76.5	1046.26	1046.17	1046.09	1046.05	1046.03	1046.04	1046.09	1046.33	1046.58	1046.82
77.0	950.14	949.93	949.80	949.74	949.75	949.85	950.02	950.56	951.14	951.71
77.5	859.20	859.08	859.03	859.04	859.09	859.19	859.32	859.57	859.82	860.06
78.0	772.07	772.07	772.11	772.17	772.25	772.32	772.37	772.25	772.11	771.94
78.5	687.84	687.99	688.20	688.44	688.68	688.90	689.07	688.95	688.77	688.53
79.0	607.43	607.51	607.61	607.72	607.84	607.93	608.01	608.01	607.98	607.89
79.5	532.62	531.74	530.65	529.45	528.23	527.08	526.11	526.45	526.98	527.60
80.0	459.94	458.39	456.46	454.32	452.12	450.04	448.24	448.63	449.33	450.24
80.5	384.17	383.77	383.15	382.37	381.47	380.50	379.50	378.68	377.90	377.17
81.0	312.39	313.24	314.14	314.98	315.67	316.12	316.20	314.25	312.01	309.65
81.5	251.13	251.75	252.62	253.60	254.55	255.33	255.79	254.10	252.09	249.93
82.0	196.86	196.91	197.32	197.97	198.71	199.41	199.95	198.95	197.73	196.36
82.5	147.52	147.36	147.45	147.71	148.07	148.46	148.80	148.52	148.13	147.64
83.0	105.33	105.02	104.80	104.64	104.54	104.48	104.46	104.63	104.79	104.91
83.5	72.34	71.84	71.33	70.84	70.35	69.86	69.38	68.95	68.52	68.06
84.0	46.98	46.36	45.72	45.05	44.33	43.57	42.76	41.69	40.59	39.48
84.5	28.41	27.97	27.50	27.01	26.49	25.94	25.34	24.58	23.79	23.01
85.0	16.37	16.17	15.96	15.74	15.51	15.27	15.03	14.74	14.46	14.18
85.5	11.49	11.40	11.31	11.22	11.12	11.02	10.91	10.78	10.65	10.52
86.0	10.29	10.26	10.24	10.21	10.18	10.15	10.12	10.05	9.98	9.91
86.5	9.29	9.28	9.28	9.27	9.26	9.25	9.24	9.21	9.18	9.14
87.0	9.07	9.06	9.05	9.03	9.02	9.01	8.99	8.98	8.96	8.95
87.5	9.01	9.01	9.00	9.00	8.99	8.99	8.98	8.98	8.97	8.97
88.0	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18
88.5	9.44	9.44	9.44	9.45	9.45	9.45	9.45	9.45	9.45	9.45
89.0	9.77	9.77	9.77	9.77	9.77	9.77	9.77	9.77	9.77	9.76
89.5	10.07	10.07	10.07	10.07	10.07	10.06	10.06	10.06	10.06	10.06
90.0	10.39	10.39	10.38	10.38	10.37	10.37	10.36	10.36	10.37	10.37

**Vert.
Angles**

Horizontal Angles

	<u>325.0</u>	<u>327.5</u>	<u>330.0</u>	<u>332.5</u>	<u>335.0</u>	<u>337.5</u>	<u>340.0</u>	<u>342.5</u>	<u>345.0</u>	<u>347.5</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.22	10914.16	10914.11	10914.17	10914.23	10914.30	10914.37	10914.43	10914.46	10914.35

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

1.0	10912.69	10912.61	10912.54	10912.63	10912.73	10912.83	10912.93	10913.01	10913.05	10912.89
1.5	10910.34	10910.29	10910.25	10910.33	10910.41	10910.50	10910.57	10910.63	10910.65	10910.49
2.0	10907.13	10907.14	10907.14	10907.21	10907.27	10907.33	10907.38	10907.40	10907.41	10907.27
2.5	10903.00	10903.04	10903.08	10903.17	10903.26	10903.34	10903.40	10903.45	10903.47	10903.35
3.0	10898.10	10898.15	10898.21	10898.33	10898.45	10898.57	10898.67	10898.74	10898.79	10898.67
3.5	10892.57	10892.61	10892.65	10892.80	10892.94	10893.09	10893.21	10893.31	10893.38	10893.24
4.0	10886.36	10886.38	10886.40	10886.55	10886.70	10886.85	10886.99	10887.09	10887.16	10887.00
4.5	10879.49	10879.51	10879.53	10879.64	10879.74	10879.84	10879.92	10879.98	10880.00	10879.82
5.0	10871.86	10871.89	10871.92	10871.98	10872.04	10872.09	10872.11	10872.12	10872.10	10871.92
5.5	10863.38	10863.41	10863.43	10863.50	10863.56	10863.61	10863.65	10863.67	10863.67	10863.51
6.0	10854.12	10854.13	10854.15	10854.24	10854.32	10854.40	10854.47	10854.52	10854.54	10854.40
6.5	10844.15	10844.17	10844.19	10844.29	10844.38	10844.48	10844.56	10844.62	10844.64	10844.47
7.0	10833.34	10833.35	10833.37	10833.49	10833.61	10833.72	10833.82	10833.88	10833.91	10833.71
7.5	10821.56	10821.54	10821.55	10821.69	10821.84	10821.99	10822.13	10822.24	10822.31	10822.13
8.0	10808.89	10808.84	10808.82	10808.97	10809.15	10809.33	10809.50	10809.64	10809.74	10809.59
8.5	10795.40	10795.32	10795.26	10795.38	10795.51	10795.65	10795.79	10795.91	10795.99	10795.84
9.0	10781.04	10780.93	10780.85	10780.92	10781.01	10781.11	10781.21	10781.29	10781.34	10781.19
9.5	10765.74	10765.64	10765.58	10765.65	10765.74	10765.84	10765.94	10766.02	10766.06	10765.91
10.0	10749.59	10749.51	10749.46	10749.54	10749.64	10749.75	10749.85	10749.93	10749.98	10749.82
10.5	10732.70	10732.58	10732.49	10732.56	10732.65	10732.74	10732.84	10732.91	10732.95	10732.78
11.0	10714.95	10714.80	10714.67	10714.73	10714.81	10714.90	10714.99	10715.06	10715.10	10714.91
11.5	10696.17	10696.04	10695.93	10696.02	10696.13	10696.26	10696.38	10696.49	10696.56	10696.39
12.0	10676.65	10676.54	10676.47	10676.57	10676.70	10676.83	10676.96	10677.07	10677.15	10677.00
12.5	10656.73	10656.65	10656.59	10656.61	10656.63	10656.65	10656.66	10656.66	10656.63	10656.45
13.0	10635.99	10635.95	10635.90	10635.84	10635.77	10635.69	10635.59	10635.47	10635.34	10635.13
13.5	10614.08	10614.09	10614.09	10614.07	10614.04	10613.99	10613.91	10613.81	10613.69	10613.46
14.0	10591.15	10591.20	10591.25	10591.31	10591.35	10591.37	10591.36	10591.32	10591.24	10591.00
14.5	10567.19	10567.22	10567.25	10567.36	10567.45	10567.53	10567.58	10567.60	10567.56	10567.32
15.0	10542.46	10542.46	10542.47	10542.61	10542.76	10542.89	10542.99	10543.05	10543.06	10542.82
15.5	10517.40	10517.40	10517.41	10517.57	10517.74	10517.90	10518.04	10518.13	10518.16	10517.91
16.0	10491.56	10491.57	10491.58	10491.76	10491.94	10492.11	10492.25	10492.35	10492.39	10492.15
16.5	10464.48	10464.51	10464.54	10464.71	10464.88	10465.04	10465.18	10465.27	10465.31	10465.10
17.0	10436.60	10436.66	10436.72	10436.87	10437.00	10437.13	10437.22	10437.29	10437.30	10437.11
17.5	10408.41	10408.51	10408.60	10408.68	10408.74	10408.77	10408.77	10408.73	10408.66	10408.43
18.0	10379.32	10379.46	10379.57	10379.60	10379.60	10379.56	10379.48	10379.37	10379.23	10378.96
18.5	10348.69	10348.81	10348.92	10349.01	10349.07	10349.11	10349.10	10349.05	10348.96	10348.67
19.0	10317.17	10317.27	10317.37	10317.53	10317.67	10317.79	10317.87	10317.90	10317.87	10317.56
19.5	10285.33	10285.48	10285.61	10285.76	10285.88	10285.97	10286.02	10286.01	10285.95	10285.61
20.0	10252.71	10252.88	10253.04	10253.17	10253.26	10253.31	10253.32	10253.27	10253.17	10252.82
20.5	10218.93	10219.04	10219.15	10219.28	10219.38	10219.46	10219.51	10219.52	10219.47	10219.21
21.0	10184.28	10184.31	10184.36	10184.49	10184.62	10184.74	10184.84	10184.90	10184.92	10184.73
21.5	10148.94	10148.97	10149.01	10149.15	10149.29	10149.41	10149.51	10149.56	10149.56	10149.29
22.0	10112.75	10112.78	10112.82	10112.98	10113.12	10113.25	10113.34	10113.38	10113.35	10112.98
22.5	10075.50	10075.53	10075.56	10075.73	10075.89	10076.04	10076.15	10076.21	10076.21	10075.86
23.0	10037.42	10037.43	10037.46	10037.64	10037.82	10037.99	10038.13	10038.23	10038.26	10037.94
23.5	9998.66	9998.65	9998.65	9998.85	9999.06	9999.26	9999.42	9999.54	9999.60	9999.28
24.0	9959.21	9959.18	9959.18	9959.38	9959.59	9959.79	9959.97	9960.09	9960.15	9959.81
24.5	9919.19	9919.21	9919.22	9919.39	9919.55	9919.69	9919.80	9919.86	9919.86	9919.52
25.0	9878.30	9878.37	9878.43	9878.55	9878.66	9878.74	9878.78	9878.77	9878.71	9878.37
25.5	9836.21	9836.32	9836.42	9836.54	9836.65	9836.72	9836.76	9836.75	9836.68	9836.35
26.0	9793.17	9793.30	9793.42	9793.55	9793.66	9793.73	9793.77	9793.76	9793.70	9793.39
26.5	9749.37	9749.49	9749.60	9749.69	9749.75	9749.78	9749.78	9749.74	9749.65	9749.35
27.0	9704.68	9704.77	9704.85	9704.90	9704.92	9704.92	9704.88	9704.80	9704.69	9704.40
27.5	9658.96	9659.02	9659.07	9659.12	9659.15	9659.16	9659.14	9659.09	9659.00	9658.73
28.0	9612.36	9612.40	9612.43	9612.49	9612.53	9612.56	9612.56	9612.54	9612.47	9612.22
28.5	9565.04	9565.08	9565.11	9565.15	9565.18	9565.19	9565.17	9565.13	9565.05	9564.81

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

29.0	9516.87	9516.92	9516.96	9516.99	9517.00	9516.99	9516.96	9516.90	9516.81	9516.57
29.5	9467.74	9467.79	9467.84	9467.88	9467.91	9467.92	9467.91	9467.87	9467.79	9467.53
30.0	9417.75	9417.79	9417.83	9417.91	9417.98	9418.04	9418.07	9418.07	9418.02	9417.74
30.5	9367.00	9366.96	9366.95	9367.10	9367.25	9367.41	9367.54	9367.63	9367.67	9367.38
31.0	9315.39	9315.31	9315.27	9315.47	9315.70	9315.93	9316.14	9316.31	9316.41	9316.12
31.5	9262.87	9262.89	9262.93	9263.13	9263.35	9263.56	9263.74	9263.87	9263.93	9263.60
32.0	9209.51	9209.63	9209.75	9209.94	9210.12	9210.28	9210.40	9210.46	9210.46	9210.11
32.5	9155.40	9155.51	9155.63	9155.79	9155.93	9156.04	9156.13	9156.17	9156.16	9155.88
33.0	9100.41	9100.48	9100.56	9100.67	9100.79	9100.88	9100.96	9101.00	9101.00	9100.79
33.5	9044.34	9044.33	9044.34	9044.46	9044.59	9044.72	9044.83	9044.92	9044.97	9044.80
34.0	8987.46	8987.39	8987.35	8987.49	8987.66	8987.83	8987.98	8988.11	8988.20	8988.02
34.5	8930.00	8929.99	8930.00	8930.19	8930.38	8930.57	8930.73	8930.86	8930.92	8930.66
35.0	8871.77	8871.85	8871.93	8872.14	8872.35	8872.54	8872.69	8872.78	8872.81	8872.48
35.5	8812.63	8812.74	8812.85	8813.03	8813.18	8813.32	8813.43	8813.49	8813.49	8813.24
36.0	8752.72	8752.83	8752.94	8753.06	8753.16	8753.24	8753.30	8753.33	8753.32	8753.18
36.5	8692.21	8692.27	8692.32	8692.41	8692.50	8692.57	8692.63	8692.66	8692.67	8692.57
37.0	8630.88	8630.87	8630.87	8630.93	8630.99	8631.05	8631.09	8631.12	8631.13	8631.05
37.5	8568.52	8568.55	8568.57	8568.56	8568.54	8568.51	8568.46	8568.39	8568.32	8568.24
38.0	8505.15	8505.22	8505.27	8505.20	8505.10	8504.98	8504.84	8504.69	8504.54	8504.45
38.5	8440.60	8440.62	8440.61	8440.53	8440.42	8440.30	8440.16	8440.02	8439.88	8439.80
39.0	8375.23	8375.19	8375.14	8375.06	8374.97	8374.87	8374.76	8374.65	8374.54	8374.48
39.5	8309.52	8309.51	8309.49	8309.42	8309.35	8309.26	8309.16	8309.06	8308.95	8308.90
40.0	8242.92	8242.96	8242.98	8242.93	8242.86	8242.77	8242.67	8242.56	8242.46	8242.42
40.5	8174.87	8174.94	8174.97	8174.90	8174.80	8174.69	8174.56	8174.44	8174.32	8174.35
41.0	8105.89	8105.98	8106.04	8105.93	8105.79	8105.64	8105.48	8105.33	8105.19	8105.27
41.5	8036.42	8036.57	8036.68	8036.55	8036.37	8036.17	8035.96	8035.75	8035.57	8035.63
42.0	7966.12	7966.30	7966.42	7966.27	7966.07	7965.83	7965.58	7965.33	7965.11	7965.15
42.5	7894.73	7894.81	7894.85	7894.67	7894.45	7894.20	7893.96	7893.73	7893.54	7893.63
43.0	7822.42	7822.40	7822.34	7822.15	7821.94	7821.72	7821.51	7821.33	7821.18	7821.31
43.5	7749.27	7749.25	7749.22	7749.09	7748.95	7748.80	7748.66	7748.53	7748.42	7748.50
44.0	7675.26	7675.29	7675.29	7675.24	7675.18	7675.10	7675.01	7674.92	7674.84	7674.84
44.5	7600.48	7600.52	7600.55	7600.52	7600.47	7600.41	7600.34	7600.26	7600.17	7600.11
45.0	7524.69	7524.78	7524.85	7524.82	7524.76	7524.69	7524.59	7524.48	7524.37	7524.28
45.5	7447.59	7447.84	7448.04	7447.98	7447.86	7447.70	7447.51	7447.32	7447.12	7447.07
46.0	7369.51	7369.90	7370.22	7370.13	7369.96	7369.73	7369.48	7369.21	7368.96	7368.95
46.5	7290.76	7291.13	7291.44	7291.36	7291.21	7291.01	7290.79	7290.57	7290.35	7290.37
47.0	7211.16	7211.44	7211.69	7211.66	7211.59	7211.50	7211.38	7211.26	7211.14	7211.17
47.5	7130.59	7130.75	7130.92	7131.04	7131.16	7131.27	7131.36	7131.44	7131.49	7131.46
48.0	7049.14	7049.19	7049.27	7049.55	7049.85	7050.16	7050.45	7050.71	7050.91	7050.83
48.5	6966.85	6966.85	6966.90	6967.23	6967.60	6967.97	6968.34	6968.66	6968.90	6968.74
49.0	6883.76	6883.73	6883.76	6884.10	6884.47	6884.85	6885.22	6885.54	6885.78	6885.56
49.5	6800.00	6799.94	6799.93	6800.21	6800.52	6800.85	6801.16	6801.42	6801.62	6801.38
50.0	6715.33	6715.29	6715.28	6715.52	6715.78	6716.05	6716.30	6716.50	6716.65	6716.41
50.5	6629.37	6629.51	6629.67	6630.00	6630.35	6630.68	6630.98	6631.22	6631.38	6631.11
51.0	6542.63	6542.93	6543.24	6543.63	6544.01	6544.36	6544.66	6544.90	6545.06	6544.78
51.5	6455.72	6455.97	6456.21	6456.39	6456.55	6456.67	6456.76	6456.80	6456.81	6456.58
52.0	6367.91	6368.08	6368.20	6368.16	6368.07	6367.95	6367.81	6367.65	6367.50	6367.34
52.5	6278.47	6278.60	6278.69	6278.61	6278.49	6278.34	6278.17	6278.00	6277.83	6277.71
53.0	6188.05	6188.20	6188.31	6188.24	6188.12	6187.98	6187.81	6187.64	6187.48	6187.40
53.5	6097.17	6097.48	6097.72	6097.61	6097.43	6097.20	6096.94	6096.67	6096.43	6096.37
54.0	6005.42	6005.90	6006.28	6006.12	6005.86	6005.53	6005.17	6004.80	6004.46	6004.43
54.5	5912.55	5913.08	5913.50	5913.29	5912.97	5912.57	5912.14	5911.70	5911.31	5911.30
55.0	5818.63	5819.10	5819.47	5819.23	5818.89	5818.47	5818.02	5817.58	5817.18	5817.20
55.5	5723.57	5723.77	5723.89	5723.67	5723.39	5723.07	5722.74	5722.42	5722.16	5722.25
56.0	5627.62	5627.55	5627.45	5627.27	5627.08	5626.88	5626.69	5626.52	5626.39	5626.49
56.5	5531.13	5531.08	5530.99	5530.88	5530.75	5530.61	5530.46	5530.32	5530.19	5530.13

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

57.0	5433.70	5433.71	5433.70	5433.67	5433.62	5433.53	5433.42	5433.29	5433.13	5432.88
57.5	5334.90	5334.84	5334.77	5334.86	5334.94	5335.00	5335.02	5335.00	5334.92	5334.49
58.0	5235.18	5235.05	5234.93	5235.10	5235.28	5235.44	5235.56	5235.62	5235.59	5235.03
58.5	5134.99	5134.90	5134.82	5134.93	5135.05	5135.14	5135.19	5135.17	5135.06	5134.47
59.0	5033.87	5033.90	5033.92	5033.95	5033.95	5033.91	5033.83	5033.68	5033.46	5032.88
59.5	4932.12	4932.38	4932.58	4932.53	4932.40	4932.21	4931.95	4931.63	4931.26	4930.70
60.0	4827.93	4828.43	4828.84	4828.78	4828.62	4828.37	4828.06	4827.69	4827.30	4826.87
60.5	4719.10	4719.76	4720.37	4720.54	4720.64	4720.68	4720.68	4720.66	4720.63	4720.74
61.0	4607.10	4607.85	4608.58	4609.04	4609.45	4609.84	4610.22	4610.58	4610.95	4611.54
61.5	4492.68	4493.40	4494.13	4494.72	4495.29	4495.84	4496.36	4496.84	4497.29	4497.77
62.0	4375.82	4376.40	4377.02	4377.72	4378.42	4379.10	4379.73	4380.27	4380.72	4380.88
62.5	4256.10	4256.31	4256.64	4257.52	4258.46	4259.40	4260.29	4261.05	4261.63	4261.42
63.0	4135.40	4135.38	4135.49	4136.48	4137.56	4138.65	4139.67	4140.55	4141.19	4140.67
63.5	4015.74	4016.10	4016.52	4017.30	4018.08	4018.83	4019.49	4020.02	4020.36	4019.88
64.0	3896.30	3897.10	3897.87	3898.48	3899.02	3899.47	3899.81	3900.03	3900.12	3899.76
64.5	3776.73	3777.49	3778.26	3779.16	3780.02	3780.81	3781.48	3782.00	3782.34	3781.90
65.0	3657.74	3658.31	3658.95	3660.18	3661.43	3662.64	3663.74	3664.66	3665.33	3664.82
65.5	3540.27	3540.55	3540.93	3542.21	3543.55	3544.89	3546.13	3547.19	3547.99	3547.47
66.0	3423.38	3423.47	3423.67	3424.84	3426.10	3427.37	3428.57	3429.61	3430.43	3430.05
66.5	3306.67	3307.01	3307.40	3308.26	3309.17	3310.09	3310.96	3311.76	3312.44	3312.52
67.0	3189.45	3190.11	3190.77	3191.31	3191.84	3192.36	3192.87	3193.38	3193.89	3194.46
67.5	3070.76	3071.61	3072.42	3072.86	3073.26	3073.63	3074.00	3074.41	3074.87	3075.81
68.0	2950.94	2951.79	2952.57	2952.95	2953.26	2953.54	2953.81	2954.11	2954.47	2955.40
68.5	2829.75	2830.10	2830.40	2830.64	2830.83	2830.96	2831.05	2831.09	2831.09	2831.01
69.0	2707.96	2707.83	2707.65	2707.71	2707.72	2707.67	2707.53	2707.27	2706.88	2705.82
69.5	2585.59	2585.55	2585.40	2585.15	2584.82	2584.39	2583.89	2583.32	2582.68	2581.79
70.0	2464.58	2464.80	2464.85	2464.39	2463.80	2463.11	2462.36	2461.60	2460.86	2460.42
70.5	2347.91	2348.32	2348.59	2348.30	2347.87	2347.35	2346.76	2346.16	2345.57	2345.27
71.0	2232.51	2233.08	2233.55	2233.52	2233.38	2233.16	2232.88	2232.58	2232.29	2232.18
71.5	2115.42	2116.01	2116.55	2116.72	2116.84	2116.94	2117.05	2117.17	2117.35	2117.88
72.0	1999.41	1999.91	2000.41	2000.66	2000.91	2001.19	2001.50	2001.87	2002.33	2003.26
72.5	1887.01	1887.26	1887.46	1887.44	1887.38	1887.29	1887.20	1887.13	1887.08	1887.22
73.0	1775.92	1776.00	1775.97	1775.69	1775.31	1774.85	1774.34	1773.77	1773.18	1772.50
73.5	1663.82	1664.15	1664.40	1664.26	1664.02	1663.70	1663.33	1662.91	1662.46	1662.02
74.0	1553.26	1553.95	1554.56	1554.63	1554.60	1554.51	1554.37	1554.22	1554.07	1554.13
74.5	1446.17	1447.11	1447.98	1448.06	1448.03	1447.93	1447.81	1447.70	1447.64	1448.07
75.0	1342.15	1343.14	1344.05	1344.06	1343.98	1343.82	1343.66	1343.53	1343.47	1344.06
75.5	1241.88	1242.31	1242.71	1242.65	1242.53	1242.37	1242.20	1242.04	1241.90	1242.01
76.0	1144.02	1143.93	1143.83	1143.66	1143.47	1143.26	1143.03	1142.78	1142.50	1142.10
76.5	1047.03	1047.17	1047.23	1046.90	1046.48	1046.00	1045.50	1044.99	1044.51	1044.19
77.0	952.24	952.67	952.97	952.53	951.96	951.30	950.60	949.92	949.29	949.14
77.5	860.26	860.42	860.50	860.26	859.95	859.57	859.16	858.74	858.31	857.90
78.0	771.76	771.57	771.38	771.31	771.23	771.13	771.01	770.84	770.62	770.00
78.5	688.26	687.95	687.63	687.33	687.04	686.75	686.46	686.17	685.91	685.58
79.0	607.75	607.54	607.27	606.68	606.06	605.42	604.82	604.27	603.82	603.81
79.5	528.22	528.77	529.14	528.31	527.30	526.19	525.05	523.96	523.00	522.88
80.0	451.22	452.14	452.87	452.04	450.98	449.78	448.52	447.29	446.17	445.94
80.5	376.52	375.97	375.54	375.52	375.61	375.78	375.99	376.23	376.45	376.52
81.0	307.34	305.26	303.57	304.24	305.34	306.73	308.28	309.85	311.30	311.61
81.5	247.76	245.73	243.99	244.15	244.66	245.40	246.29	247.22	248.10	248.11
82.0	194.92	193.48	192.13	191.54	191.09	190.76	190.51	190.32	190.18	189.80
82.5	147.06	146.39	145.66	144.75	143.81	142.87	141.96	141.11	140.34	139.80
83.0	104.93	104.84	104.58	103.55	102.37	101.13	99.87	98.65	97.55	96.97
83.5	67.56	67.01	66.40	65.43	64.41	63.39	62.40	61.48	60.66	60.19
84.0	38.38	37.31	36.30	35.53	34.84	34.23	33.70	33.25	32.87	32.57
84.5	22.24	21.51	20.85	20.42	20.06	19.77	19.53	19.35	19.20	19.06

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

85.0	13.91	13.67	13.45	13.34	13.27	13.21	13.18	13.16	13.16	13.13
85.5	10.40	10.29	10.19	10.16	10.14	10.13	10.13	10.13	10.14	10.13
86.0	9.83	9.76	9.69	9.65	9.61	9.57	9.54	9.52	9.49	9.46
86.5	9.11	9.07	9.04	9.01	8.98	8.95	8.92	8.89	8.87	8.84
87.0	8.93	8.91	8.89	8.87	8.84	8.82	8.79	8.77	8.75	8.74
87.5	8.96	8.96	8.95	8.94	8.93	8.91	8.90	8.89	8.88	8.87
88.0	9.18	9.18	9.18	9.18	9.18	9.18	9.17	9.17	9.17	9.17
88.5	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45
89.0	9.76	9.76	9.76	9.76	9.75	9.75	9.75	9.75	9.75	9.75
89.5	10.06	10.06	10.06	10.06	10.06	10.05	10.05	10.04	10.04	10.04
90.0	10.37	10.38	10.38	10.37	10.36	10.36	10.35	10.34	10.33	10.34

**Vert.
Angles**

Horizontal Angles

	<u>350.0</u>	<u>352.5</u>	<u>355.0</u>	<u>357.5</u>	<u>360.0</u>
0.0	10914.92	10914.92	10914.92	10914.92	10914.92
0.5	10914.23	10914.09	10913.96	10913.85	10913.77
1.0	10912.69	10912.49	10912.29	10912.12	10911.99
1.5	10910.30	10910.10	10909.91	10909.75	10909.63
2.0	10907.11	10906.95	10906.79	10906.66	10906.56
2.5	10903.20	10903.05	10902.90	10902.76	10902.66
3.0	10898.53	10898.37	10898.21	10898.06	10897.94
3.5	10893.07	10892.88	10892.69	10892.52	10892.37
4.0	10886.80	10886.58	10886.37	10886.17	10886.01
4.5	10879.62	10879.40	10879.19	10879.01	10878.87
5.0	10871.72	10871.51	10871.32	10871.16	10871.04
5.5	10863.34	10863.16	10862.99	10862.84	10862.73
6.0	10854.25	10854.08	10853.92	10853.77	10853.65
6.5	10844.28	10844.08	10843.88	10843.69	10843.54
7.0	10833.49	10833.24	10833.00	10832.78	10832.59
7.5	10821.92	10821.68	10821.44	10821.21	10821.02
8.0	10809.39	10809.18	10808.95	10808.74	10808.55
8.5	10795.66	10795.46	10795.26	10795.07	10794.91
9.0	10781.02	10780.83	10780.64	10780.48	10780.34
9.5	10765.74	10765.54	10765.35	10765.17	10765.02
10.0	10749.64	10749.43	10749.22	10749.02	10748.85
10.5	10732.57	10732.35	10732.13	10731.93	10731.76
11.0	10714.70	10714.47	10714.24	10714.03	10713.86
11.5	10696.19	10695.97	10695.75	10695.54	10695.36
12.0	10676.82	10676.61	10676.39	10676.18	10675.99
12.5	10656.25	10656.04	10655.84	10655.64	10655.47
13.0	10634.90	10634.68	10634.47	10634.28	10634.12
13.5	10613.21	10612.95	10612.70	10612.46	10612.26
14.0	10590.73	10590.43	10590.13	10589.85	10589.58
14.5	10567.03	10566.72	10566.39	10566.08	10565.79
15.0	10542.52	10542.19	10541.86	10541.52	10541.22
15.5	10517.61	10517.27	10516.92	10516.57	10516.24
16.0	10491.85	10491.51	10491.16	10490.81	10490.48
16.5	10464.83	10464.54	10464.23	10463.92	10463.63
17.0	10436.88	10436.62	10436.35	10436.08	10435.83
17.5	10408.18	10407.92	10407.65	10407.39	10407.16
18.0	10378.68	10378.38	10378.09	10377.83	10377.59
18.5	10348.35	10348.01	10347.67	10347.36	10347.09
19.0	10317.20	10316.82	10316.44	10316.08	10315.78
19.5	10285.22	10284.81	10284.41	10284.04	10283.74
20.0	10252.43	10252.03	10251.64	10251.28	10250.99

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

20.5	10218.91	10218.59	10218.28	10217.98	10217.72
21.0	10184.50	10184.25	10183.98	10183.73	10183.49
21.5	10148.98	10148.64	10148.30	10147.99	10147.72
22.0	10112.57	10112.13	10111.71	10111.33	10111.02
22.5	10075.46	10075.04	10074.62	10074.25	10073.94
23.0	10037.57	10037.18	10036.79	10036.43	10036.14
23.5	9998.89	9998.49	9998.09	9997.72	9997.42
24.0	9959.41	9958.99	9958.58	9958.20	9957.90
24.5	9919.13	9918.71	9918.31	9917.95	9917.65
25.0	9877.99	9877.59	9877.21	9876.86	9876.58
25.5	9835.99	9835.60	9835.23	9834.90	9834.63
26.0	9793.04	9792.67	9792.32	9792.00	9791.74
26.5	9749.01	9748.67	9748.33	9748.02	9747.75
27.0	9704.09	9703.76	9703.44	9703.14	9702.89
27.5	9658.44	9658.14	9657.84	9657.58	9657.36
28.0	9611.95	9611.67	9611.40	9611.17	9610.98
28.5	9564.55	9564.29	9564.04	9563.82	9563.65
29.0	9516.31	9516.05	9515.80	9515.58	9515.41
29.5	9467.25	9466.96	9466.69	9466.45	9466.26
30.0	9417.43	9417.10	9416.80	9416.53	9416.33
30.5	9367.05	9366.70	9366.35	9366.04	9365.80
31.0	9315.77	9315.39	9315.01	9314.67	9314.38
31.5	9263.21	9262.80	9262.38	9262.01	9261.70
32.0	9209.71	9209.29	9208.87	9208.50	9208.19
32.5	9155.55	9155.21	9154.87	9154.57	9154.32
33.0	9100.55	9100.30	9100.05	9099.82	9099.64
33.5	9044.59	9044.37	9044.14	9043.93	9043.75
34.0	8987.81	8987.57	8987.33	8987.10	8986.90
34.5	8930.35	8930.01	8929.67	8929.35	8929.07
35.0	8872.10	8871.68	8871.27	8870.88	8870.55
35.5	8812.95	8812.63	8812.31	8812.01	8811.74
36.0	8753.01	8752.82	8752.62	8752.43	8752.24
36.5	8692.45	8692.31	8692.16	8692.00	8691.84
37.0	8630.95	8630.83	8630.70	8630.57	8630.43
37.5	8568.14	8568.04	8567.94	8567.82	8567.70
38.0	8504.35	8504.26	8504.17	8504.08	8503.98
38.5	8439.73	8439.65	8439.58	8439.50	8439.41
39.0	8374.42	8374.36	8374.29	8374.22	8374.14
39.5	8308.84	8308.77	8308.70	8308.60	8308.49
40.0	8242.38	8242.32	8242.25	8242.14	8242.01
40.5	8174.38	8174.40	8174.40	8174.36	8174.27
41.0	8105.37	8105.46	8105.53	8105.56	8105.54
41.5	8035.72	8035.81	8035.88	8035.93	8035.92
42.0	7965.22	7965.30	7965.37	7965.42	7965.43
42.5	7893.75	7893.88	7894.01	7894.11	7894.15
43.0	7821.47	7821.64	7821.79	7821.91	7821.98
43.5	7748.59	7748.68	7748.76	7748.81	7748.81
44.0	7674.84	7674.84	7674.82	7674.78	7674.71
44.5	7600.05	7599.99	7599.91	7599.82	7599.72
45.0	7524.19	7524.10	7524.00	7523.90	7523.80
45.5	7447.02	7446.98	7446.94	7446.89	7446.82
46.0	7368.97	7368.99	7369.01	7369.01	7368.99
46.5	7290.42	7290.47	7290.52	7290.56	7290.57
47.0	7211.21	7211.25	7211.28	7211.31	7211.32
47.5	7131.42	7131.35	7131.27	7131.17	7131.06
48.0	7050.68	7050.48	7050.25	7050.01	7049.78

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

48.5	6968.51	6968.22	6967.91	6967.61	6967.33
49.0	6885.26	6884.92	6884.57	6884.23	6883.94
49.5	6801.08	6800.74	6800.40	6800.08	6799.82
50.0	6716.12	6715.80	6715.48	6715.19	6714.96
50.5	6630.78	6630.42	6630.06	6629.74	6629.51
51.0	6544.43	6544.06	6543.70	6543.39	6543.17
51.5	6456.33	6456.09	6455.87	6455.71	6455.62
52.0	6367.21	6367.11	6367.05	6367.04	6367.09
52.5	6277.63	6277.57	6277.55	6277.57	6277.65
53.0	6187.33	6187.30	6187.30	6187.33	6187.40
53.5	6096.35	6096.37	6096.43	6096.52	6096.64
54.0	6004.46	6004.53	6004.64	6004.79	6004.95
54.5	5911.36	5911.47	5911.61	5911.77	5911.92
55.0	5817.29	5817.42	5817.58	5817.73	5817.86
55.5	5722.39	5722.56	5722.74	5722.91	5723.05
56.0	5626.62	5626.77	5626.93	5627.07	5627.19
56.5	5530.09	5530.06	5530.05	5530.04	5530.03
57.0	5432.62	5432.35	5432.11	5431.90	5431.74
57.5	5334.01	5333.52	5333.05	5332.62	5332.27
58.0	5234.40	5233.73	5233.08	5232.48	5231.98
58.5	5133.81	5133.12	5132.44	5131.82	5131.31
59.0	5032.27	5031.63	5031.03	5030.47	5030.02
59.5	4930.12	4929.56	4929.05	4928.61	4928.30
60.0	4826.45	4826.07	4825.74	4825.50	4825.37
60.5	4720.87	4721.00	4721.13	4721.26	4721.38
61.0	4612.11	4612.65	4613.11	4613.48	4613.74
61.5	4498.18	4498.51	4498.74	4498.84	4498.81
62.0	4380.91	4380.82	4380.60	4380.26	4379.79
62.5	4260.99	4260.39	4259.66	4258.82	4257.90
63.0	4139.90	4138.93	4137.83	4136.66	4135.47
63.5	4019.23	4018.45	4017.59	4016.71	4015.85
64.0	3899.29	3898.76	3898.20	3897.66	3897.18
64.5	3781.31	3780.62	3779.88	3779.18	3778.56
65.0	3664.07	3663.17	3662.21	3661.26	3660.41
65.5	3546.69	3545.74	3544.69	3543.63	3542.64
66.0	3429.42	3428.62	3427.71	3426.78	3425.87
66.5	3312.48	3312.33	3312.12	3311.88	3311.65
67.0	3195.03	3195.58	3196.11	3196.61	3197.06
67.5	3076.78	3077.76	3078.69	3079.53	3080.24
68.0	2956.37	2957.33	2958.23	2959.01	2959.63
68.5	2830.89	2830.76	2830.60	2830.44	2830.27
69.0	2704.67	2703.49	2702.35	2701.31	2700.45
69.5	2580.88	2579.98	2579.15	2578.43	2577.84
70.0	2460.05	2459.75	2459.51	2459.34	2459.25
70.5	2345.03	2344.85	2344.72	2344.65	2344.64
71.0	2232.11	2232.07	2232.06	2232.10	2232.17
71.5	2118.46	2119.07	2119.68	2120.26	2120.81
72.0	2004.25	2005.27	2006.27	2007.21	2008.05
72.5	1887.40	1887.61	1887.85	1888.10	1888.36
73.0	1771.83	1771.19	1770.63	1770.15	1769.80
73.5	1661.59	1661.18	1660.82	1660.52	1660.31
74.0	1554.21	1554.32	1554.44	1554.56	1554.69
74.5	1448.56	1449.09	1449.61	1450.10	1450.53
75.0	1344.74	1345.45	1346.16	1346.82	1347.40
75.5	1242.17	1242.34	1242.54	1242.74	1242.93
76.0	1141.70	1141.32	1140.98	1140.70	1140.51

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

CANDELA TABULATION - (Cont.)

76.5	1043.93	1043.73	1043.59	1043.51	1043.50
77.0	949.08	949.11	949.21	949.38	949.61
77.5	857.53	857.21	856.98	856.84	856.83
78.0	769.37	768.76	768.23	767.82	767.58
78.5	685.28	685.04	684.87	684.78	684.81
79.0	603.90	604.09	604.35	604.66	605.00
79.5	522.94	523.13	523.43	523.80	524.21
80.0	445.88	445.95	446.13	446.38	446.66
80.5	376.54	376.51	376.40	376.22	375.96
81.0	311.68	311.53	311.17	310.62	309.89
81.5	247.99	247.74	247.39	246.96	246.46
82.0	189.46	189.15	188.91	188.73	188.65
82.5	139.39	139.11	138.98	139.00	139.19
83.0	96.57	96.35	96.31	96.45	96.79
83.5	59.85	59.65	59.59	59.66	59.85
84.0	32.34	32.18	32.07	32.02	32.03
84.5	18.94	18.85	18.79	18.76	18.74
85.0	13.11	13.09	13.08	13.08	13.09
85.5	10.12	10.10	10.10	10.09	10.09
86.0	9.44	9.42	9.40	9.38	9.37
86.5	8.82	8.81	8.80	8.79	8.78
87.0	8.73	8.72	8.71	8.71	8.71
87.5	8.86	8.86	8.86	8.85	8.85
88.0	9.16	9.16	9.16	9.15	9.15
88.5	9.44	9.44	9.44	9.43	9.43
89.0	9.74	9.74	9.74	9.74	9.74
89.5	10.04	10.04	10.04	10.04	10.04
90.0	10.34	10.34	10.34	10.35	10.35

IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	4010.82	13.20	13.20
0-30	8564.13	28.30	28.30
0-40	14113.52	46.60	46.60
0-60	25100.13	82.90	82.90
0-80	30170.2	99.70	99.70
0-90	30271.5	100.00	100.00
10-90	29237.54	96.60	96.60
20-40	10102.71	33.40	33.40
20-50	15900.69	52.50	52.50
40-70	14602.03	48.20	48.20
60-80	5070.09	16.70	16.70
70-80	1454.65	4.80	4.80
80-90	101.28	0.30	0.30
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	30271.5	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1033.94
10-20	2976.87
20-30	4553.32
30-40	5549.4
40-50	5798.00
50-60	5188.61
60-70	3615.44
70-80	1454.65
80-90	101.28
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

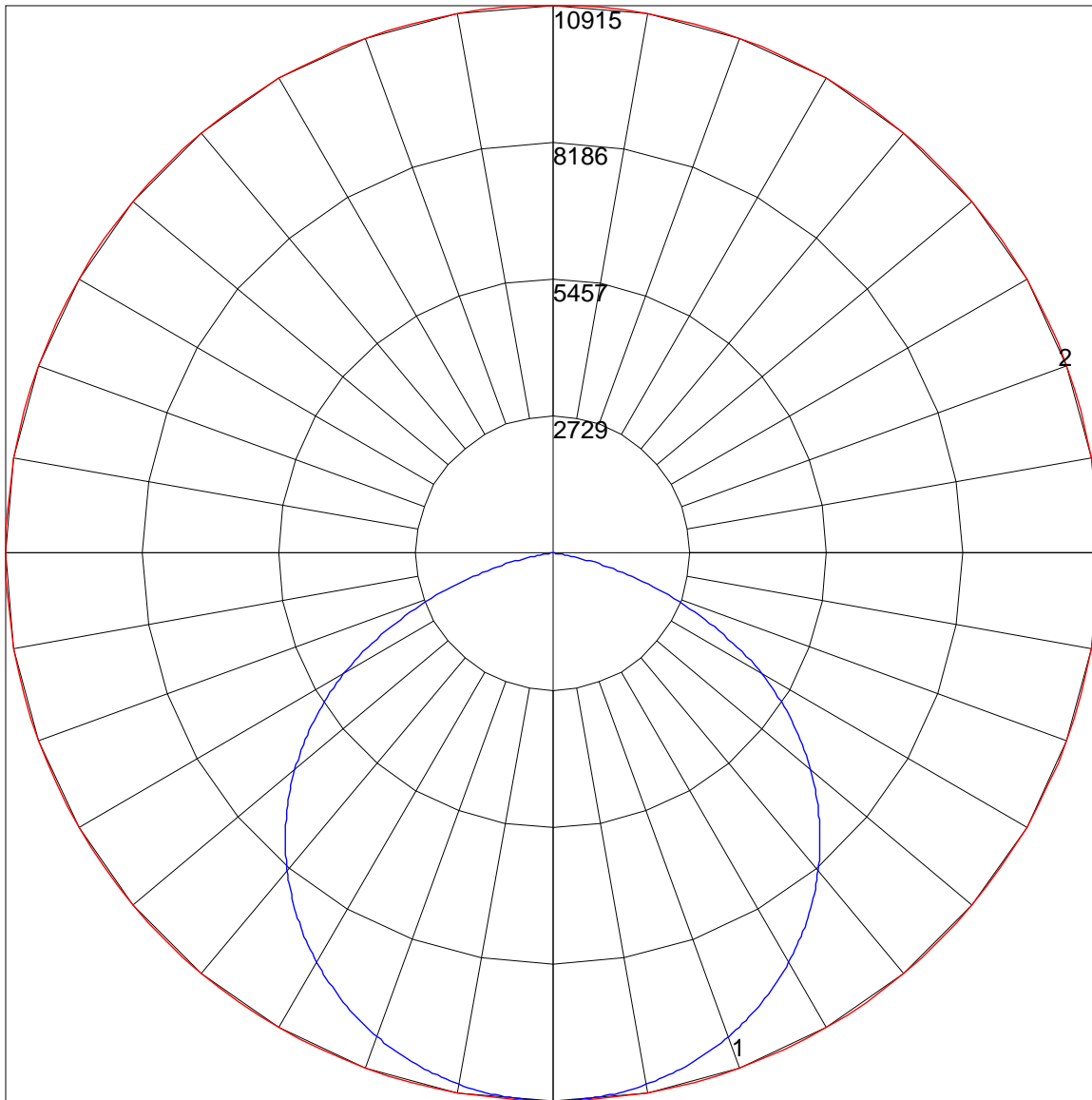
IES INDOOR REPORT
PHOTOMETRIC FILENAME : NUVHTHOWT30VWD120-277V.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52
5	77	64	55	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
8	61	48	39	34	60	47	39	33	46	38	33	45	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28
10	54	40	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25

POLAR GRAPH



Maximum Candela = 10914.92 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)