



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] BOLT-SM-LED35-LO-SAL

[TESTLAB] Intertek

[ISSUE DATE] 11/24/19

[MANUFAC] Prudential Lighting

[TOTAL LUMINAIRE LUMENS] 4571.6

[CONVERT] Luminaire test position and photometric web converted from original test data

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### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1943
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	15
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.17 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.13 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5168	4148	2170
55	5817	4513	2010
65	6824	5013	1833
75	8219	5769	1689
85	9936	7003	1374

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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>
<b>0.0</b>	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
<b>2.5</b>	154.190	154.148	154.105	154.020	153.978	153.935	153.893	153.213	153.000	152.745
<b>5.0</b>	169.873	169.745	169.618	169.490	169.405	168.513	168.088	167.578	167.025	166.430
<b>7.5</b>	186.660	186.448	186.235	186.023	185.088	184.450	183.728	182.920	182.028	181.050
<b>10.0</b>	204.255	203.958	203.660	203.363	202.003	201.110	200.090	198.943	197.668	196.265
<b>12.5</b>	222.658	222.233	221.808	220.575	219.555	218.365	217.005	215.518	213.818	212.033
<b>15.0</b>	241.273	240.720	240.168	238.638	237.320	235.833	234.133	232.263	230.180	227.928
<b>17.5</b>	259.420	258.740	258.018	256.233	254.660	252.875	250.878	248.625	246.203	243.568
<b>20.0</b>	276.845	275.995	275.145	273.063	271.278	269.238	266.943	264.393	261.630	258.613
<b>22.5</b>	293.760	292.740	291.720	289.340	287.300	284.963	282.370	279.523	276.420	273.063
<b>25.0</b>	309.910	308.720	306.850	304.853	302.515	299.923	297.075	293.930	290.530	286.833
<b>27.5</b>	324.785	323.425	321.385	319.175	316.625	313.820	310.718	307.318	303.663	299.753
<b>30.0</b>	338.258	336.728	334.560	332.180	329.503	326.528	323.213	319.643	315.775	311.610
<b>32.5</b>	350.455	348.798	346.460	343.995	341.190	338.045	334.645	330.905	326.910	322.533
<b>35.0</b>	361.420	359.635	357.170	354.578	351.688	348.458	344.930	341.063	336.983	332.393
<b>37.5</b>	371.195	369.325	366.818	364.140	361.165	357.850	354.195	350.243	345.993	341.275
<b>40.0</b>	380.120	378.250	375.658	372.938	369.878	366.478	362.738	358.658	354.195	349.393
<b>42.5</b>	388.493	386.580	383.988	381.225	378.123	374.638	370.813	366.648	361.930	357.000
<b>45.0</b>	396.483	394.613	391.978	389.173	386.028	382.500	378.548	374.595	369.453	364.310
<b>47.5</b>	404.260	402.390	399.840	396.993	393.805	390.150	386.070	381.608	376.678	371.153
<b>50.0</b>	412.080	410.295	407.703	404.855	401.583	397.800	393.550	388.875	383.775	376.253
<b>52.5</b>	420.155	418.455	415.820	412.888	409.488	405.578	401.158	396.270	389.598	381.480
<b>55.0</b>	428.400	426.828	424.150	421.133	417.605	413.483	408.850	403.155	395.335	386.920
<b>57.5</b>	437.028	435.540	432.820	429.760	426.020	421.643	416.713	409.530	401.710	392.573
<b>60.0</b>	446.250	444.975	442.213	439.025	435.030	430.185	424.065	416.288	407.745	398.480
<b>62.5</b>	456.110	454.538	452.115	448.843	444.593	439.535	431.928	423.470	414.418	404.558
<b>65.0</b>	466.310	464.738	462.188	458.745	454.325	448.078	440.088	431.205	421.430	410.933
<b>67.5</b>	476.340	474.768	472.133	468.435	463.718	456.408	448.120	438.813	428.570	417.393
<b>70.0</b>	485.690	484.033	481.313	477.530	471.963	464.355	455.728	446.038	435.328	423.555
<b>72.5</b>	493.978	492.235	489.430	485.605	479.570	471.453	462.655	452.625	441.405	429.038
<b>75.0</b>	500.990	499.248	496.400	491.810	485.265	477.530	468.520	458.320	446.760	433.883
<b>77.5</b>	506.558	504.858	502.053	496.740	490.068	482.460	473.408	462.910	451.053	437.793
<b>80.0</b>	510.723	508.980	505.623	500.310	493.553	486.115	477.190	467.075	454.495	440.853
<b>82.5</b>	513.188	511.658	507.493	502.053	496.570	488.963	479.698	468.903	456.493	442.638
<b>85.0</b>	513.910	512.125	507.578	503.923	498.185	490.535	481.015	469.838	457.173	443.148
<b>87.5</b>	513.018	509.745	508.980	505.113	498.950	490.875	480.973	469.370	456.365	442.298
<b>90.0</b>	511.913	512.763	509.788	505.113	498.228	489.558	479.358	467.330	454.028	439.833
<b>92.5</b>	513.018	509.745	508.980	505.113	498.950	490.875	480.973	469.370	456.365	442.298
<b>95.0</b>	513.910	512.125	507.578	503.923	498.185	490.535	481.015	469.838	457.173	443.148
<b>97.5</b>	513.188	511.658	507.493	502.053	496.570	488.963	479.698	468.903	456.493	442.638
<b>100.0</b>	510.723	508.980	505.623	500.310	493.553	486.115	477.190	467.075	454.495	440.853
<b>102.5</b>	506.558	504.858	502.053	496.740	490.068	482.460	473.408	462.910	451.053	437.835
<b>105.0</b>	500.990	499.248	496.400	491.810	485.265	477.530	468.520	458.320	446.760	433.883
<b>107.5</b>	493.978	492.235	489.430	485.605	479.570	471.453	462.655	452.625	441.405	429.038
<b>110.0</b>	485.690	484.033	481.313	477.530	471.963	464.355	455.728	446.038	435.328	423.555
<b>112.5</b>	476.340	474.768	472.133	468.435	463.718	456.450	448.120	438.813	428.570	417.393
<b>115.0</b>	466.310	464.738	462.188	458.745	454.325	448.078	440.088	431.205	421.430	410.933
<b>117.5</b>	456.110	454.538	452.115	448.843	444.593	439.578	431.928	423.470	414.418	404.558
<b>120.0</b>	446.250	444.975	442.213	439.025	435.030	430.185	424.065	416.288	407.745	398.480
<b>122.5</b>	437.028	435.540	432.820	429.760	426.020	421.643	416.713	409.530	401.710	392.573
<b>125.0</b>	428.400	426.828	424.150	421.133	417.605	413.483	408.850	403.155	395.335	386.920
<b>127.5</b>	420.155	418.455	415.820	412.888	409.488	405.578	401.158	396.270	389.598	381.480
<b>130.0</b>	412.080	410.295	407.703	404.855	401.583	397.800	393.550	388.875	383.775	376.253
<b>132.5</b>	404.260	402.390	399.840	396.993	393.805	390.150	386.070	381.608	376.678	371.153

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**CANDELA TABULATION - (Cont.)**

<b>135.0</b>	396.483	394.613	391.978	389.215	386.028	382.500	378.548	374.595	369.453	364.310
<b>137.5</b>	388.493	386.580	383.988	381.225	378.123	374.638	370.813	366.648	362.015	357.000
<b>140.0</b>	380.120	378.250	375.658	372.938	369.878	366.478	362.738	358.658	354.195	349.393
<b>142.5</b>	371.195	369.325	366.818	364.140	361.250	357.850	354.195	350.243	345.993	341.275
<b>145.0</b>	361.420	359.635	357.170	354.578	351.688	348.458	344.930	341.063	336.983	332.393
<b>147.5</b>	350.455	348.798	346.460	343.995	341.190	338.045	334.645	330.905	326.910	322.533
<b>150.0</b>	338.258	336.728	334.560	332.180	329.503	326.528	323.213	319.643	315.775	311.653
<b>152.5</b>	324.785	323.425	321.470	319.175	316.625	313.820	310.718	307.318	303.748	299.753
<b>155.0</b>	309.910	308.720	306.850	304.853	302.515	299.923	297.075	293.930	290.530	286.833
<b>157.5</b>	293.760	292.740	291.720	289.340	287.300	284.963	282.370	279.523	276.420	273.063
<b>160.0</b>	276.845	275.995	275.145	273.063	271.278	269.238	266.943	264.393	261.630	258.613
<b>162.5</b>	259.420	258.740	258.018	256.233	254.660	252.875	250.878	248.625	246.203	243.568
<b>165.0</b>	241.273	240.720	240.168	238.638	237.320	235.833	234.133	232.263	230.180	227.928
<b>167.5</b>	222.658	222.233	221.808	220.575	219.555	218.365	217.005	215.518	213.818	212.033
<b>170.0</b>	204.255	203.958	203.660	203.363	202.003	201.110	200.090	198.943	197.668	196.265
<b>172.5</b>	186.660	186.448	186.235	186.023	185.088	184.450	183.728	182.920	182.070	181.050
<b>175.0</b>	169.873	169.745	169.618	169.490	169.405	168.513	168.088	167.578	167.025	166.430
<b>177.5</b>	154.190	154.148	154.105	154.020	153.978	153.935	153.893	153.213	153.000	152.745
<b>180.0</b>	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>25.0</u></b>	<b><u>27.5</u></b>	<b><u>30.0</u></b>	<b><u>32.5</u></b>	<b><u>35.0</u></b>	<b><u>37.5</u></b>	<b><u>40.0</u></b>	<b><u>42.5</u></b>	<b><u>45.0</u></b>	<b><u>47.5</u></b>
<b>0.0</b>	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
<b>2.5</b>	152.490	152.193	151.853	151.513	151.173	150.790	150.408	149.983	149.558	149.133
<b>5.0</b>	165.793	165.070	164.305	163.498	162.648	161.755	160.820	159.885	158.865	157.803
<b>7.5</b>	179.988	178.840	177.608	176.333	174.973	173.528	172.040	170.468	168.853	167.153
<b>10.0</b>	194.778	193.163	191.463	189.635	187.723	185.725	183.600	181.475	179.308	177.013
<b>12.5</b>	210.035	207.910	205.700	203.320	200.813	198.220	195.585	192.823	189.975	187.043
<b>15.0</b>	225.505	222.913	220.150	217.218	214.200	211.013	207.740	204.298	200.770	197.073
<b>17.5</b>	240.763	237.745	234.515	231.073	227.503	223.720	219.810	215.730	211.565	207.315
<b>20.0</b>	255.425	251.983	248.328	244.418	240.338	236.088	231.668	227.035	222.233	217.303
<b>22.5</b>	269.408	265.625	261.503	257.210	252.663	247.945	242.930	237.830	232.518	227.205
<b>25.0</b>	282.923	278.630	274.125	269.408	264.435	259.250	253.768	248.158	242.378	236.343
<b>27.5</b>	295.375	290.870	286.025	280.968	275.655	269.960	264.095	258.655	251.643	245.140
<b>30.0</b>	307.020	302.090	297.075	292.103	285.983	280.033	273.913	267.283	260.483	252.663
<b>32.5</b>	317.688	312.630	307.275	301.538	295.545	289.340	282.710	274.678	266.135	257.253
<b>35.0</b>	327.463	322.278	316.753	310.675	304.428	296.948	288.320	279.565	270.470	261.290
<b>37.5</b>	336.260	331.033	325.210	319.005	311.355	301.963	292.953	283.433	274.253	264.563
<b>40.0</b>	344.293	338.810	332.520	324.275	315.478	306.425	297.033	287.300	277.398	267.325
<b>42.5</b>	351.688	345.398	337.153	328.568	319.515	310.675	300.390	290.445	280.033	269.535
<b>45.0</b>	358.360	350.073	341.488	332.478	323.170	313.395	303.365	292.910	282.285	271.278
<b>47.5</b>	363.163	354.663	345.695	336.260	326.485	316.370	305.873	295.078	283.943	272.595
<b>50.0</b>	367.965	359.125	349.818	340.085	329.758	319.473	308.040	296.863	285.303	273.445
<b>52.5</b>	372.853	363.673	353.940	343.698	332.988	321.810	310.505	298.393	286.280	274.465
<b>55.0</b>	377.910	368.263	358.148	347.353	336.090	324.445	312.290	299.795	287.088	273.955
<b>57.5</b>	383.095	372.980	362.313	351.050	339.235	326.910	314.203	300.858	287.258	273.530
<b>60.0</b>	388.493	377.868	366.563	354.748	342.338	329.163	315.563	301.623	287.300	272.893
<b>62.5</b>	394.060	382.798	370.898	358.318	345.015	331.203	316.880	302.218	287.215	272.043
<b>65.0</b>	399.713	387.813	375.063	361.675	347.650	333.073	318.028	302.600	286.918	270.980
<b>67.5</b>	405.408	392.488	379.015	364.863	350.115	334.815	318.920	302.770	286.323	269.705
<b>70.0</b>	410.720	397.078	382.755	368.348	352.368	336.260	319.600	302.600	285.430	268.090
<b>72.5</b>	415.693	401.328	386.198	370.515	354.238	337.365	319.983	302.005	284.835	266.050
<b>75.0</b>	419.943	405.025	389.215	372.683	355.598	338.045	319.855	301.495	283.390	265.285
<b>77.5</b>	423.513	408.085	391.553	374.255	356.703	338.810	320.365	301.495	282.795	264.308
<b>80.0</b>	425.978	410.125	393.253	375.573	357.553	339.150	320.153	300.773	281.563	262.693

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82.5	427.550	411.400	394.060	375.870	357.425	338.640	319.175	299.243	279.565	260.398
85.0	427.805	411.570	393.763	375.105	356.235	337.195	317.305	296.820	276.760	257.338
87.5	426.658	410.465	392.913	373.745	354.578	335.283	315.053	294.015	273.573	253.980
90.0	424.065	407.915	389.300	369.835	350.540	331.160	310.675	289.298	268.728	249.050
92.5	426.658	410.465	392.913	373.745	354.578	335.283	315.053	294.015	273.573	253.980
95.0	427.805	411.570	393.805	375.105	356.235	337.195	317.305	296.820	276.760	257.338
97.5	427.550	411.400	394.060	375.870	357.425	338.640	319.175	299.243	279.565	260.398
100.0	425.978	410.125	393.210	375.573	357.553	339.150	320.153	300.773	281.563	262.693
102.5	423.513	408.085	391.553	374.340	356.703	338.810	320.365	301.495	282.965	264.308
105.0	419.943	405.025	389.215	372.683	355.640	338.045	319.855	301.495	283.390	265.328
107.5	415.693	401.328	386.198	370.515	354.238	337.365	319.983	302.048	284.835	266.050
110.0	410.720	397.078	382.755	368.348	352.368	336.260	319.600	302.600	285.430	268.090
112.5	405.408	392.488	379.015	364.863	350.115	334.815	318.920	302.770	286.323	269.705
115.0	399.713	387.813	375.063	361.675	347.650	333.158	318.028	302.600	286.918	270.980
117.5	394.060	382.798	370.898	358.318	345.015	331.203	316.880	302.218	287.215	272.043
120.0	388.493	377.868	366.563	354.748	342.338	329.163	315.563	301.623	287.300	272.893
122.5	383.095	372.980	362.313	351.050	339.235	326.910	314.203	300.858	287.258	273.530
125.0	377.910	368.263	358.148	347.353	336.090	324.445	312.375	299.795	287.088	273.955
127.5	372.853	363.673	353.940	343.698	332.988	321.810	310.590	298.393	286.280	274.465
130.0	367.965	359.125	349.818	340.085	329.758	319.473	308.125	296.863	285.303	273.445
132.5	363.163	354.663	345.695	336.260	326.485	316.370	306.000	295.078	283.943	272.595
135.0	358.360	350.073	341.488	332.478	323.170	313.395	303.365	292.910	282.285	271.278
137.5	351.688	345.398	337.153	328.568	319.515	310.675	300.390	290.445	280.033	269.535
140.0	344.293	338.810	332.520	324.275	315.478	306.425	297.033	287.300	277.398	267.325
142.5	336.260	331.033	325.210	319.133	311.355	302.090	292.953	283.645	274.253	264.563
145.0	327.463	322.278	316.753	310.675	304.428	296.948	288.320	279.565	270.470	261.290
147.5	317.773	312.630	307.275	301.538	295.588	289.340	282.710	274.678	266.135	257.253
150.0	307.020	302.133	297.075	292.103	285.983	280.033	273.913	267.283	260.483	252.663
152.5	295.460	290.870	286.025	280.968	275.655	270.045	264.095	258.655	251.643	245.140
155.0	282.923	278.630	274.125	269.408	264.435	259.250	253.768	248.158	242.378	236.343
157.5	269.450	265.625	261.503	257.253	252.663	247.945	242.973	237.830	232.518	227.205
160.0	255.425	251.983	248.328	244.418	240.338	236.088	231.668	227.035	222.233	217.345
162.5	240.848	237.745	234.515	231.073	227.503	223.720	219.810	215.730	211.608	207.315
165.0	225.505	222.913	220.150	217.218	214.200	211.013	207.740	204.298	200.770	197.073
167.5	210.035	207.910	205.700	203.320	200.813	198.220	195.585	192.823	189.975	187.043
170.0	194.778	193.163	191.463	189.635	187.723	185.725	183.600	181.475	179.308	177.055
172.5	179.988	178.840	177.608	176.333	174.973	173.528	172.040	170.510	168.853	167.153
175.0	165.793	165.070	164.305	163.498	162.648	161.755	160.820	159.885	158.865	157.803
177.5	152.490	152.193	151.853	151.513	151.173	150.790	150.408	149.983	149.558	149.133
180.0	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**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	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
2.5	148.665	148.198	147.730	147.220	146.710	146.200	145.648	145.138	144.585	144.033
5.0	156.740	155.593	154.445	153.298	152.108	151.045	150.025	148.963	147.900	146.838
7.5	165.495	163.838	162.138	160.395	158.568	156.783	154.913	153.043	151.130	149.473
10.0	174.760	172.380	169.915	167.408	164.985	162.478	160.055	157.590	155.083	152.533
12.5	184.025	180.880	177.863	174.760	171.573	168.385	165.113	161.925	158.823	155.720
15.0	193.418	189.720	185.895	182.028	178.500	174.250	170.383	166.430	162.478	158.738
17.5	202.938	198.433	194.310	189.338	184.748	180.073	175.440	170.893	166.345	161.713
20.0	212.245	207.145	201.918	196.605	191.250	185.980	180.625	175.185	170.000	164.773
22.5	221.425	215.603	209.695	203.745	197.710	191.633	185.598	179.563	173.485	167.705
25.0	230.138	224.443	217.303	210.673	204.000	197.243	189.890	182.665	175.568	168.513
27.5	238.468	231.498	223.635	215.560	207.443	199.368	191.378	183.388	175.695	168.045

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

30.0	244.205	235.748	227.120	218.493	209.823	201.110	192.440	183.940	175.525	167.408
32.5	248.285	239.233	230.095	220.915	211.735	202.470	193.248	184.153	175.143	166.430
35.0	251.813	242.208	232.560	222.870	213.138	203.448	193.715	183.983	174.548	165.580
37.5	254.703	244.673	234.515	224.315	214.115	203.915	194.310	183.558	173.570	163.838
40.0	257.040	246.585	236.003	225.335	214.668	204.000	193.375	182.835	172.338	162.180
42.5	258.868	248.030	237.023	225.888	214.753	203.660	192.653	181.815	170.893	160.268
45.0	260.058	248.923	237.490	225.973	214.413	202.938	191.548	180.285	169.108	158.058
47.5	261.035	249.348	237.618	225.633	213.690	202.343	190.060	178.330	166.515	154.870
50.0	261.460	249.390	237.150	224.825	212.160	199.538	187.043	174.718	162.563	150.578
52.5	261.375	248.668	235.748	222.743	209.610	196.563	183.600	170.850	158.355	146.030
55.0	260.695	247.775	233.835	220.320	206.805	193.290	179.903	166.728	153.850	141.228
57.5	259.633	245.650	231.625	217.600	204.000	189.720	175.950	162.393	149.175	136.255
60.0	258.358	243.780	229.160	214.625	200.218	185.895	171.700	157.803	144.203	131.028
62.5	256.828	241.613	226.440	211.353	196.435	181.730	167.238	152.958	139.018	125.630
65.0	255.085	239.233	223.465	207.825	192.398	177.268	162.393	147.815	133.663	120.020
67.5	253.045	236.343	220.150	203.958	188.020	172.423	157.335	142.503	128.053	114.198
70.0	250.665	233.453	216.495	199.793	183.388	167.620	152.575	137.828	123.420	109.565
72.5	248.073	230.733	213.775	197.158	180.795	164.900	149.430	134.385	119.765	105.570
75.0	247.180	229.288	211.863	194.863	178.160	161.798	146.030	130.730	115.855	101.405
77.5	245.778	227.375	209.440	192.100	175.143	158.440	142.290	126.820	111.733	97.070
80.0	243.823	224.868	206.550	188.913	171.700	154.700	138.295	122.613	107.398	92.523
82.5	241.230	221.978	203.193	185.258	167.918	150.620	133.960	118.108	102.808	87.805
85.0	238.000	218.408	199.283	181.135	163.668	146.200	129.328	113.900	98.473	83.300
87.5	234.473	214.540	195.118	176.758	159.248	141.610	124.483	108.460	93.118	77.860
90.0	229.500	209.398	189.848	171.445	153.935	136.255	119.043	103.020	87.678	72.463
92.5	234.473	214.540	195.118	176.758	159.248	141.610	124.483	108.460	93.118	77.860
95.0	238.000	218.408	199.283	181.135	163.668	146.200	129.328	113.900	98.473	83.300
97.5	241.230	221.978	203.193	185.258	167.918	150.620	133.960	118.108	102.808	87.805
100.0	243.823	224.953	206.550	188.913	171.700	154.700	138.295	122.613	107.398	92.523
102.5	245.778	227.375	209.440	192.100	175.143	158.440	142.290	126.820	111.733	97.070
105.0	247.180	229.288	211.863	194.863	178.160	161.798	146.030	130.730	115.855	101.405
107.5	248.073	230.733	213.775	197.158	180.795	164.900	149.430	134.385	119.765	105.570
110.0	250.665	233.453	216.495	199.793	183.388	167.620	152.575	137.828	123.420	109.565
112.5	253.045	236.513	220.150	203.958	188.020	172.508	157.335	142.503	128.053	114.198
115.0	255.085	239.233	223.465	207.825	192.398	177.268	162.393	147.815	133.663	120.020
117.5	256.828	241.613	226.610	211.353	196.435	181.730	167.238	152.958	139.018	125.630
120.0	258.358	243.780	229.160	214.625	200.218	185.895	171.700	157.803	144.203	131.028
122.5	259.633	245.650	231.625	217.600	204.000	189.720	175.950	162.393	149.175	136.255
125.0	260.865	247.775	233.835	220.320	206.805	193.290	179.903	166.728	153.850	141.228
127.5	261.503	248.668	235.748	222.743	209.610	196.563	183.600	170.850	158.355	146.030
130.0	261.460	249.390	237.150	224.825	212.160	199.538	187.043	174.718	162.563	150.578
132.5	261.035	249.348	237.618	225.633	213.690	202.343	190.060	178.330	166.515	154.870
135.0	260.143	248.923	237.490	225.973	214.413	202.938	191.548	180.285	169.108	158.058
137.5	259.038	248.030	237.023	225.888	214.753	203.660	192.653	181.815	170.893	160.268
140.0	257.040	246.585	236.003	225.335	214.668	204.000	193.375	182.835	172.338	162.180
142.5	254.703	244.673	234.515	224.315	214.115	203.915	194.310	183.558	173.570	163.838
145.0	251.813	242.208	232.560	222.870	213.138	203.448	193.715	183.983	174.548	165.580
147.5	248.285	239.233	230.265	220.915	211.735	202.470	193.248	184.153	175.143	166.430
150.0	244.205	235.748	227.120	218.493	209.823	201.110	192.440	183.940	175.525	167.408
152.5	238.468	231.540	223.635	215.560	207.443	199.368	191.378	183.388	175.695	168.045
155.0	230.138	224.443	217.303	210.673	204.000	197.243	189.890	182.665	175.568	168.513
157.5	221.425	215.603	209.695	203.745	197.710	191.633	185.598	179.563	173.485	167.705
160.0	212.245	207.145	201.918	196.605	191.250	185.980	180.625	175.185	170.000	164.773
162.5	202.938	198.433	194.310	189.338	184.748	180.073	175.440	170.893	166.345	161.713
165.0	193.418	189.720	185.895	182.028	178.500	174.250	170.383	166.430	162.478	158.738
167.5	184.025	180.923	177.863	174.760	171.573	168.385	165.113	161.925	158.823	155.720

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>170.0</b>	174.760	172.380	169.915	167.408	164.985	162.478	160.055	157.590	155.083	152.533
<b>172.5</b>	165.495	163.838	162.138	160.395	158.568	156.783	154.913	153.043	151.130	149.473
<b>175.0</b>	156.740	155.593	154.445	153.298	152.108	151.045	150.025	148.963	147.900	146.838
<b>177.5</b>	148.665	148.198	147.730	147.220	146.710	146.200	145.648	145.138	144.585	144.033
<b>180.0</b>	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**Vert.  
Angles**

**Horizontal Angles**

	<b>75.0</b>	<b>77.5</b>	<b>80.0</b>	<b>82.5</b>	<b>85.0</b>	<b>87.5</b>	<b>90.0</b>	<b>92.5</b>	<b>95.0</b>	<b>97.5</b>
<b>0.0</b>	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
<b>2.5</b>	143.438	142.928	142.375	141.823	141.228	140.675	140.123	139.698	139.230	138.805
<b>5.0</b>	145.733	144.628	143.480	142.418	141.313	140.208	139.103	138.253	137.360	136.510
<b>7.5</b>	147.858	146.243	144.628	142.970	141.355	139.698	138.083	136.808	135.533	134.258
<b>10.0</b>	149.983	147.773	145.648	143.480	141.355	139.188	137.063	135.363	133.705	132.048
<b>12.5</b>	152.575	149.388	146.583	143.948	141.270	138.678	136.043	133.960	131.920	129.880
<b>15.0</b>	154.998	151.258	147.518	144.330	141.185	138.125	135.023	132.600	130.135	127.755
<b>17.5</b>	157.335	153.043	148.708	144.670	141.058	137.530	134.003	131.198	128.435	125.715
<b>20.0</b>	159.545	154.658	149.813	144.968	140.888	136.935	132.983	129.838	126.735	123.888
<b>22.5</b>	161.883	156.188	150.833	145.478	140.675	136.340	131.963	128.520	125.078	121.848
<b>25.0</b>	161.840	155.210	149.090	143.098	137.488	132.813	128.180	124.568	120.913	117.768
<b>27.5</b>	160.735	153.595	146.795	140.463	134.258	129.328	124.440	120.658	116.875	113.645
<b>30.0</b>	159.758	151.853	144.500	137.700	130.900	125.758	120.658	116.790	112.880	109.608
<b>32.5</b>	157.930	149.855	141.993	134.768	127.670	122.188	116.918	112.965	109.013	105.655
<b>35.0</b>	156.315	147.645	139.443	131.750	124.568	118.575	113.135	109.098	105.315	101.830
<b>37.5</b>	154.403	145.265	136.765	128.648	121.210	114.920	109.395	105.358	101.618	98.090
<b>40.0</b>	152.278	142.843	133.918	125.418	117.768	111.180	105.613	101.618	97.920	94.435
<b>42.5</b>	149.898	140.208	130.900	122.060	114.240	107.483	101.873	97.920	94.308	90.993
<b>45.0</b>	147.433	137.360	127.713	118.745	110.670	103.700	98.090	94.265	90.780	87.423
<b>47.5</b>	143.650	132.940	122.783	113.433	105.018	97.750	92.225	88.528	85.213	82.110
<b>50.0</b>	138.933	127.798	117.343	107.823	99.195	91.843	86.360	82.833	79.688	76.713
<b>52.5</b>	134.045	122.570	111.903	102.128	93.330	85.850	80.538	77.180	74.163	71.358
<b>55.0</b>	128.945	117.215	106.293	96.305	87.338	79.815	74.673	71.485	68.723	66.088
<b>57.5</b>	123.675	111.733	100.598	90.398	81.090	73.780	68.808	65.918	63.070	60.860
<b>60.0</b>	118.278	106.123	94.733	84.405	75.013	67.745	62.943	60.308	57.758	55.718
<b>62.5</b>	112.668	100.343	88.783	78.328	68.935	61.625	57.120	54.698	52.403	50.575
<b>65.0</b>	106.888	94.393	82.705	72.123	62.730	55.505	51.255	49.173	47.133	45.560
<b>67.5</b>	100.938	88.315	76.500	65.875	56.525	49.343	45.390	43.605	41.863	40.545
<b>70.0</b>	96.263	83.640	71.783	61.030	51.638	44.370	40.333	38.718	37.145	35.913
<b>72.5</b>	92.055	79.263	67.193	56.228	46.708	39.355	35.318	33.915	32.470	31.408
<b>75.0</b>	87.678	74.715	62.475	51.340	41.735	34.510	30.260	29.028	27.795	26.860
<b>77.5</b>	83.173	70.083	57.715	46.453	36.720	29.453	25.203	24.183	23.120	22.355
<b>80.0</b>	78.455	65.323	52.828	41.268	31.960	24.395	20.188	19.338	18.530	17.723
<b>82.5</b>	73.610	60.435	48.280	36.508	26.775	19.338	15.130	14.493	13.855	13.260
<b>85.0</b>	68.935	55.633	42.840	31.323	21.633	14.280	10.073	9.648	9.223	8.840
<b>87.5</b>	63.325	50.193	37.655	26.095	16.448	9.223	5.058	4.845	4.633	4.420
<b>90.0</b>	58.098	45.008	32.470	20.910	11.305	4.165	0.000	0.000	0.000	0.000
<b>92.5</b>	63.495	50.320	37.740	26.138	16.448	9.223	5.058	4.845	4.633	4.463
<b>95.0</b>	68.935	55.633	43.010	31.408	21.675	14.280	10.073	9.648	9.265	8.925
<b>97.5</b>	73.610	60.435	48.280	36.635	26.818	19.338	15.130	14.493	13.898	13.388
<b>100.0</b>	78.455	65.323	52.828	41.438	32.045	24.395	20.188	19.380	18.573	17.850
<b>102.5</b>	83.173	70.083	57.715	46.453	36.848	29.495	25.203	24.183	23.205	22.355
<b>105.0</b>	87.678	74.715	62.475	51.340	41.863	34.553	30.260	29.070	27.880	26.860
<b>107.5</b>	92.055	79.263	67.193	56.228	46.835	39.398	35.318	33.915	32.598	31.408
<b>110.0</b>	96.263	83.640	71.783	61.030	51.808	44.413	40.333	38.760	37.273	35.913
<b>112.5</b>	100.938	88.315	76.500	65.875	56.738	49.385	45.390	43.648	42.033	40.545
<b>115.0</b>	106.888	94.393	82.705	72.123	62.943	55.548	51.255	49.215	47.303	45.560

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

117.5	112.668	100.343	88.783	78.328	69.148	61.668	57.120	54.740	52.573	50.575
120.0	118.278	106.123	94.733	84.405	75.268	67.788	62.943	60.350	57.928	55.718
122.5	123.675	111.733	100.598	90.398	81.345	73.865	68.808	65.960	63.283	60.860
125.0	128.945	117.215	106.293	96.305	87.338	79.900	74.673	71.570	68.723	66.088
127.5	134.045	122.570	111.903	102.128	93.330	85.893	80.538	77.223	74.163	71.358
130.0	138.933	127.798	117.343	107.823	99.195	91.885	86.360	82.918	79.688	76.713
132.5	143.650	132.940	122.783	113.433	105.018	97.835	92.225	88.570	85.213	82.110
135.0	147.433	137.360	127.713	118.745	110.670	103.743	98.090	94.308	90.780	87.423
137.5	149.898	140.208	130.900	122.060	114.240	107.525	101.873	97.963	94.308	90.993
140.0	152.278	142.843	133.918	125.418	117.768	111.223	105.613	101.660	97.920	94.435
142.5	154.403	145.265	136.765	128.648	121.210	114.963	109.395	105.400	101.618	98.090
145.0	156.315	147.645	139.443	131.750	124.568	118.618	113.135	109.140	105.315	101.830
147.5	157.930	149.855	141.993	134.768	127.840	122.230	116.918	112.965	109.140	105.655
150.0	159.758	151.853	144.500	137.700	131.070	125.800	120.658	116.790	113.008	109.608
152.5	160.735	153.595	146.795	140.463	134.385	129.370	124.440	120.700	117.003	113.645
155.0	161.840	155.210	149.090	143.098	137.615	132.855	128.180	124.568	121.040	117.768
157.5	161.883	156.188	150.833	145.478	140.718	136.340	131.963	128.520	125.120	121.848
160.0	159.545	154.658	149.813	144.968	140.930	136.935	132.983	129.880	126.778	123.888
162.5	157.335	153.043	148.708	144.670	141.100	137.530	134.003	131.240	128.478	125.715
165.0	154.998	151.258	147.518	144.330	141.228	138.125	135.023	132.600	130.178	127.755
167.5	152.575	149.388	146.583	143.948	141.313	138.678	136.043	133.960	131.920	129.880
170.0	149.983	147.773	145.648	143.523	141.355	139.188	137.063	135.405	133.705	132.048
172.5	147.858	146.243	144.628	142.970	141.355	139.698	138.083	136.808	135.533	134.258
175.0	145.733	144.628	143.523	142.418	141.313	140.208	139.103	138.253	137.360	136.510
177.5	143.480	142.928	142.375	141.823	141.228	140.675	140.123	139.698	139.230	138.805
180.0	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**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	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
2.5	138.380	137.955	137.488	137.148	136.723	136.340	135.958	135.575	135.193	134.853
5.0	135.618	134.810	134.003	133.195	132.388	131.623	130.858	130.093	129.370	128.733
7.5	133.025	131.793	130.560	129.370	128.435	127.160	126.140	125.163	124.185	123.250
10.0	130.433	128.818	127.500	125.800	124.440	123.038	121.720	120.403	119.128	117.980
12.5	127.883	125.928	124.185	122.400	120.700	119.000	117.428	115.940	114.495	113.093
15.0	125.673	123.293	121.210	119.128	117.343	115.260	113.475	111.733	109.990	108.460
17.5	123.165	120.700	118.320	115.983	113.858	111.733	109.693	107.780	105.995	104.253
20.0	120.955	118.193	115.770	113.093	110.670	108.375	106.208	104.125	102.085	100.258
22.5	118.788	115.770	112.965	110.288	107.653	105.230	102.893	100.598	98.515	96.518
25.0	114.665	111.690	108.970	106.335	103.913	101.618	99.408	97.368	95.073	92.990
27.5	110.415	107.398	104.550	101.873	99.408	96.985	94.775	92.608	90.738	88.953
30.0	106.250	103.233	100.300	97.623	95.030	92.650	90.355	88.273	86.318	84.533
32.5	102.298	99.238	96.305	93.543	90.950	88.485	86.233	84.108	82.153	80.368
35.0	98.515	95.328	92.438	89.633	87.083	84.575	82.323	80.198	78.243	76.458
37.5	94.775	91.758	88.698	85.935	83.343	80.878	78.583	76.500	74.545	72.803
40.0	91.163	88.018	85.128	82.408	79.773	77.393	75.098	73.015	71.103	69.318
42.5	87.635	84.575	81.813	79.008	76.415	73.993	71.783	69.700	67.788	66.088
45.0	84.235	81.218	78.413	75.735	73.185	70.805	68.595	66.555	64.685	62.985
47.5	79.178	76.500	74.035	71.698	69.530	67.575	65.578	63.538	61.753	60.053
50.0	73.908	71.358	68.978	66.768	64.643	62.773	61.073	59.543	58.268	57.120
52.5	68.723	66.258	64.048	61.923	59.968	58.098	56.398	54.953	53.678	52.530
55.0	63.580	61.328	59.203	57.248	55.378	53.550	51.893	50.448	49.173	48.110
57.5	58.565	56.440	54.528	52.658	50.873	49.088	47.473	46.028	44.753	43.775
60.0	53.635	51.680	49.895	48.238	46.453	44.710	43.095	41.693	40.503	39.483
62.5	48.705	47.005	45.348	43.775	42.118	40.418	38.845	37.485	36.295	35.318

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

65.0	43.903	42.373	40.928	39.440	37.868	36.168	34.595	33.278	32.173	31.280
67.5	39.100	37.783	36.508	35.190	33.660	31.960	30.473	29.113	28.093	27.285
70.0	34.638	33.448	32.300	31.068	29.580	27.965	26.478	25.203	24.140	23.418
72.5	30.218	29.198	28.135	27.030	25.713	24.268	22.950	21.845	20.868	20.145
75.0	25.883	24.948	24.055	23.078	21.888	20.655	19.508	18.530	17.765	17.128
77.5	21.548	20.740	20.018	19.168	18.148	17.085	16.150	15.343	14.705	14.153
80.0	17.170	16.575	15.938	15.258	14.408	13.600	12.835	12.198	11.688	11.263
82.5	12.878	12.410	11.943	11.433	10.753	10.115	9.563	9.095	8.755	8.415
85.0	8.458	8.288	7.990	7.608	7.140	6.715	6.375	6.035	5.823	5.610
87.5	4.208	4.038	3.825	3.783	3.570	3.358	3.188	3.018	2.890	2.763
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	4.293	4.123	3.953	3.783	3.570	3.358	3.188	3.018	2.890	2.763
95.0	8.585	8.288	7.990	7.608	7.140	6.715	6.375	6.035	5.823	5.610
97.5	12.878	12.410	11.943	11.433	10.753	10.115	9.563	9.095	8.755	8.415
100.0	17.170	16.575	15.938	15.258	14.408	13.600	12.835	12.198	11.688	11.263
102.5	21.548	20.740	20.018	19.168	18.148	17.085	16.150	15.343	14.705	14.153
105.0	25.883	24.948	24.055	23.078	21.888	20.655	19.508	18.530	17.765	17.128
107.5	30.218	29.198	28.135	27.030	25.713	24.268	22.950	21.845	20.910	20.145
110.0	34.638	33.448	32.300	31.068	29.580	27.965	26.478	25.203	24.140	23.418
112.5	39.100	37.783	36.508	35.190	33.660	31.960	30.473	29.155	28.093	27.285
115.0	43.903	42.373	40.928	39.440	37.868	36.168	34.595	33.278	32.173	31.280
117.5	48.705	47.005	45.348	43.775	42.118	40.418	38.845	37.485	36.295	35.318
120.0	53.635	51.680	49.895	48.238	46.453	44.710	43.095	41.693	40.503	39.483
122.5	58.565	56.440	54.528	52.658	50.873	49.088	47.473	46.028	44.753	43.775
125.0	63.580	61.328	59.203	57.248	55.378	53.550	51.893	50.448	49.173	48.110
127.5	68.723	66.258	64.048	61.923	59.968	58.098	56.398	54.953	53.678	52.530
130.0	73.908	71.358	68.978	66.768	64.643	62.773	61.073	59.543	58.268	57.120
132.5	79.178	76.500	74.035	71.698	69.530	67.575	65.578	63.538	61.753	60.053
135.0	84.235	81.218	78.413	75.735	73.185	70.805	68.595	66.555	64.685	62.985
137.5	87.635	84.575	81.813	79.008	76.415	73.993	71.783	69.700	67.788	66.088
140.0	91.163	88.018	85.128	82.408	79.773	77.393	75.098	73.015	71.103	69.318
142.5	94.775	91.758	88.698	85.935	83.343	80.878	78.583	76.500	74.545	72.803
145.0	98.515	95.328	92.438	89.633	87.083	84.575	82.323	80.198	78.243	76.458
147.5	102.298	99.238	96.305	93.543	90.950	88.485	86.233	84.108	82.153	80.368
150.0	106.250	103.233	100.300	97.623	95.030	92.650	90.355	88.273	86.318	84.533
152.5	110.415	107.398	104.550	101.873	99.408	96.985	94.775	92.608	90.738	88.953
155.0	114.665	111.690	108.970	106.335	103.913	101.618	99.408	97.368	95.073	92.990
157.5	118.788	115.770	112.965	110.288	107.653	105.230	102.893	100.598	98.515	96.518
160.0	120.955	118.193	115.770	113.093	110.670	108.375	106.208	104.125	102.085	100.258
162.5	123.165	120.700	118.320	115.983	113.858	111.733	109.693	107.780	105.995	104.253
165.0	125.673	123.293	121.210	119.128	117.343	115.260	113.475	111.733	109.990	108.460
167.5	127.883	125.928	124.185	122.400	120.700	119.000	117.428	115.940	114.495	113.093
170.0	130.433	128.818	127.500	125.800	124.440	123.038	121.720	120.403	119.128	117.980
172.5	133.025	131.793	130.560	129.370	128.435	127.160	126.140	125.163	124.185	123.250
175.0	135.660	134.810	134.003	133.195	132.388	131.623	130.858	130.093	129.370	128.733
177.5	138.380	137.955	137.530	137.148	136.723	136.340	135.958	135.575	135.193	134.853
180.0	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**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	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
2.5	134.513	134.173	133.833	133.535	133.238	132.983	132.685	132.473	132.218	132.005
5.0	128.138	127.543	126.990	126.438	125.928	125.418	124.950	124.525	124.100	123.718
7.5	122.358	121.465	120.615	120.020	119.128	118.448	117.810	117.173	116.620	116.068
10.0	116.875	115.813	114.793	113.773	112.838	111.903	111.095	110.373	109.693	109.055



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

12.5	111.733	110.628	109.268	108.163	107.100	106.080	105.103	104.210	103.403	102.723
15.0	107.015	105.613	104.210	103.105	101.745	100.683	99.620	98.643	97.708	96.900
17.5	102.553	101.023	99.578	98.175	96.815	95.625	94.520	93.500	92.523	91.588
20.0	98.473	96.773	95.158	93.713	92.353	91.035	89.845	88.740	87.763	86.785
22.5	94.563	92.863	91.163	89.548	88.145	86.828	85.553	84.405	83.385	82.450
25.0	91.035	89.165	87.465	85.850	84.278	82.918	81.643	80.453	79.390	78.455
27.5	87.295	85.765	83.938	82.323	80.793	79.348	78.073	76.883	75.778	74.800
30.0	82.875	81.345	79.985	78.753	77.520	76.118	74.800	73.568	72.463	71.400
32.5	78.710	77.223	75.863	74.673	73.568	72.633	71.698	70.423	69.318	68.298
35.0	74.843	73.355	72.038	70.848	69.785	68.808	68.000	67.278	66.428	65.365
37.5	71.145	69.743	68.425	67.235	66.173	65.195	64.388	63.708	63.113	62.603
40.0	67.788	66.343	64.983	63.835	62.773	61.838	60.988	60.265	59.670	59.203
42.5	64.515	63.113	61.795	60.563	59.500	58.523	57.630	56.823	56.228	55.760
45.0	61.455	60.010	58.650	57.418	56.270	55.250	54.273	53.465	52.785	52.190
47.5	58.480	57.035	55.675	54.400	53.125	51.978	50.915	49.980	49.215	48.578
50.0	55.675	54.188	52.743	51.340	49.938	48.663	47.473	46.495	45.688	45.008
52.5	51.638	50.745	49.810	48.280	46.750	45.348	44.030	43.095	42.203	41.438
55.0	47.175	46.325	45.348	44.370	43.393	41.990	40.800	39.780	38.888	38.080
57.5	42.840	41.905	40.970	39.993	39.015	38.165	37.485	36.593	35.700	34.850
60.0	38.590	37.698	36.763	35.828	34.935	34.213	33.618	33.150	32.683	31.790
62.5	34.468	33.618	32.725	31.875	31.110	30.473	29.920	29.453	29.028	28.815
65.0	30.473	29.665	28.858	28.093	27.455	26.903	26.393	25.925	25.543	25.373
67.5	26.563	25.798	25.160	24.565	24.013	23.503	23.035	22.525	22.270	22.100
70.0	22.823	22.185	21.675	21.165	20.655	20.188	19.720	19.380	19.125	18.913
72.5	19.465	18.828	18.275	17.893	17.468	16.958	16.575	16.278	16.108	15.895
75.0	16.533	15.980	15.513	15.088	14.578	14.025	13.558	13.345	13.133	13.048
77.5	13.685	13.218	12.835	12.453	11.985	11.518	11.135	10.795	10.540	10.285
80.0	10.880	10.498	10.200	9.860	9.478	9.138	8.798	8.543	8.330	8.118
82.5	8.118	7.863	7.608	7.310	7.055	6.758	6.545	6.375	6.163	5.993
85.0	5.398	5.185	5.058	4.845	4.675	4.463	4.335	4.208	4.080	3.995
87.5	2.720	2.593	2.508	2.423	2.338	2.210	2.168	2.083	2.040	1.998
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	2.720	2.593	2.508	2.423	2.338	2.210	2.168	2.083	2.040	1.998
95.0	5.398	5.185	5.058	4.845	4.675	4.463	4.335	4.208	4.080	3.995
97.5	8.118	7.863	7.608	7.310	7.055	6.758	6.545	6.375	6.163	5.993
100.0	10.880	10.498	10.200	9.860	9.478	9.138	8.798	8.543	8.330	8.118
102.5	13.685	13.218	12.835	12.453	12.070	11.518	11.135	10.795	10.540	10.328
105.0	16.533	15.980	15.513	15.088	14.578	14.025	13.558	13.345	13.175	13.048
107.5	19.465	18.828	18.275	17.893	17.468	17.000	16.575	16.278	16.108	15.895
110.0	22.823	22.185	21.675	21.165	20.655	20.188	19.720	19.380	19.125	18.913
112.5	26.563	25.883	25.160	24.565	24.013	23.503	23.035	22.525	22.270	22.100
115.0	30.473	29.665	28.858	28.093	27.455	26.903	26.393	25.968	25.543	25.373
117.5	34.553	33.618	32.725	31.875	31.110	30.473	29.920	29.453	29.028	28.815
120.0	38.590	37.698	36.763	35.828	34.935	34.213	33.618	33.150	32.683	31.790
122.5	42.840	41.905	40.970	39.993	39.015	38.165	37.485	36.593	35.700	34.850
125.0	47.175	46.325	45.433	44.370	43.393	41.990	40.843	39.780	38.888	38.080
127.5	51.638	50.745	49.853	48.280	46.750	45.348	44.073	43.095	42.203	41.438
130.0	55.675	54.188	52.743	51.340	49.938	48.663	47.515	46.495	45.688	45.008
132.5	58.480	57.035	55.675	54.400	53.125	51.978	50.915	49.980	49.215	48.578
135.0	61.455	60.010	58.650	57.418	56.270	55.250	54.273	53.465	52.785	52.190
137.5	64.515	63.113	61.838	60.563	59.500	58.523	57.630	56.823	56.228	55.760
140.0	67.788	66.343	64.983	63.835	62.773	61.838	60.988	60.265	59.670	59.203
142.5	71.145	69.743	68.425	67.235	66.173	65.238	64.388	63.750	63.113	62.603
145.0	74.843	73.355	72.038	70.848	69.785	68.808	68.000	67.278	66.428	65.365
147.5	78.753	77.223	75.863	74.673	73.568	72.633	71.698	70.423	69.360	68.298
150.0	82.875	81.345	79.985	78.753	77.520	76.118	74.800	73.568	72.463	71.400

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>152.5</b>	87.295	85.808	83.938	82.323	80.793	79.348	78.073	76.883	75.778	74.800
<b>155.0</b>	91.035	89.165	87.465	85.850	84.278	82.918	81.643	80.453	79.390	78.455
<b>157.5</b>	94.563	92.863	91.163	89.548	88.145	86.828	85.553	84.405	83.385	82.450
<b>160.0</b>	98.473	96.773	95.158	93.755	92.353	91.035	89.845	88.783	87.763	86.785
<b>162.5</b>	102.553	101.023	99.578	98.175	96.858	95.625	94.520	93.500	92.523	91.588
<b>165.0</b>	107.015	105.613	104.210	103.105	101.745	100.683	99.620	98.643	97.708	96.900
<b>167.5</b>	111.733	110.628	109.268	108.163	107.100	106.080	105.103	104.210	103.403	102.723
<b>170.0</b>	116.875	115.813	114.793	113.773	112.838	111.903	111.095	110.373	109.693	109.055
<b>172.5</b>	122.358	121.465	120.615	120.020	119.128	118.448	117.810	117.173	116.620	116.068
<b>175.0</b>	128.138	127.543	126.990	126.438	125.928	125.418	124.950	124.525	124.100	123.718
<b>177.5</b>	134.513	134.173	133.833	133.535	133.238	132.983	132.685	132.473	132.218	132.005
<b>180.0</b>	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>150.0</u></b>	<b><u>152.5</u></b>	<b><u>155.0</u></b>	<b><u>157.5</u></b>	<b><u>160.0</u></b>	<b><u>162.5</u></b>	<b><u>165.0</u></b>	<b><u>167.5</u></b>	<b><u>170.0</u></b>	<b><u>172.5</u></b>
<b>0.0</b>	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
<b>2.5</b>	131.835	131.623	131.495	131.325	131.198	131.113	131.028	130.943	130.900	130.858
<b>5.0</b>	123.378	123.080	122.783	122.528	122.315	122.103	121.933	121.805	121.720	121.678
<b>7.5</b>	115.600	115.175	114.750	114.410	114.070	113.815	113.603	113.390	113.263	113.178
<b>10.0</b>	108.503	107.950	107.483	107.058	106.675	106.335	106.080	105.868	105.698	105.570
<b>12.5</b>	102.043	101.448	100.895	100.428	100.003	99.620	99.323	99.068	98.898	98.770
<b>15.0</b>	96.178	95.498	94.903	94.393	93.925	93.500	93.160	92.905	92.693	92.565
<b>17.5</b>	90.993	90.100	89.463	88.910	88.400	87.975	87.635	87.338	87.125	86.998
<b>20.0</b>	85.935	85.170	84.490	83.938	83.428	83.003	82.620	82.365	82.153	81.983
<b>22.5</b>	81.558	80.708	80.028	79.475	79.008	78.583	78.243	77.945	77.733	77.605
<b>25.0</b>	77.605	76.798	76.118	75.523	75.013	74.545	74.205	73.950	73.738	73.610
<b>27.5</b>	73.950	73.143	72.420	71.783	71.273	70.848	70.465	70.210	69.998	69.870
<b>30.0</b>	70.550	69.743	69.020	68.383	67.830	67.405	67.065	66.810	66.640	66.555
<b>32.5</b>	67.363	66.598	65.875	65.238	64.685	64.260	63.920	63.623	63.453	63.368
<b>35.0</b>	64.430	63.623	62.900	62.263	61.710	61.243	60.818	60.563	60.350	60.223
<b>37.5</b>	61.668	60.775	60.053	59.330	58.735	58.225	57.800	57.460	57.205	57.120
<b>40.0</b>	58.863	58.055	57.205	56.440	55.803	55.208	54.698	54.315	54.018	53.890
<b>42.5</b>	55.378	55.123	54.400	53.465	52.700	52.020	51.425	51.000	50.703	50.533
<b>45.0</b>	51.765	51.425	51.255	50.363	49.470	48.705	48.068	47.600	47.303	47.133
<b>47.5</b>	48.068	47.643	47.303	47.048	46.155	45.305	44.668	44.158	43.775	43.563
<b>50.0</b>	44.370	43.860	43.478	43.223	42.798	41.905	41.183	40.673	40.375	40.205
<b>52.5</b>	40.800	40.248	39.738	39.313	39.058	38.590	37.868	37.443	37.145	37.060
<b>55.0</b>	37.358	36.720	36.168	35.743	35.445	35.360	34.893	34.468	34.213	34.085
<b>57.5</b>	34.085	33.490	32.938	32.513	32.258	32.215	32.215	31.748	31.450	31.280
<b>60.0</b>	31.110	30.515	29.920	29.538	29.283	29.198	29.368	29.198	28.688	28.390
<b>62.5</b>	28.390	27.668	27.115	26.690	26.393	26.308	26.223	26.350	25.883	25.585
<b>65.0</b>	25.203	25.033	24.395	23.885	23.503	23.205	23.163	23.333	23.248	22.823
<b>67.5</b>	21.888	21.803	21.590	21.080	20.613	20.315	20.273	20.315	20.570	20.060
<b>70.0</b>	18.743	18.530	18.360	18.233	17.850	17.553	17.425	17.425	17.468	17.255
<b>72.5</b>	15.725	15.555	15.428	15.258	15.088	15.003	14.875	14.663	14.493	14.705
<b>75.0</b>	12.878	12.750	12.665	12.580	12.495	12.538	12.410	12.113	12.070	12.113
<b>77.5</b>	10.200	10.158	10.158	10.158	10.200	10.158	10.030	9.945	9.818	9.733
<b>80.0</b>	7.905	7.863	7.905	7.990	8.033	7.990	7.948	7.905	7.905	7.820
<b>82.5</b>	5.908	5.865	5.865	5.908	5.993	6.120	6.078	6.035	6.078	6.163
<b>85.0</b>	3.910	3.868	3.910	3.953	3.995	4.080	4.208	4.420	2.848	2.720
<b>87.5</b>	1.955	1.955	1.955	1.955	1.998	2.040	2.083	2.210	0.340	0.000
<b>90.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>92.5</b>	1.955	1.955	1.955	1.955	1.998	2.040	2.083	2.210	0.340	0.000
<b>95.0</b>	3.910	3.868	3.910	3.953	3.995	4.080	4.208	4.420	2.848	2.720
<b>97.5</b>	5.908	5.865	5.865	5.908	5.993	6.120	6.078	6.035	6.078	6.163

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

100.0	7.905	7.863	7.905	7.990	8.033	7.990	7.948	7.905	7.905	7.820
102.5	10.200	10.158	10.158	10.200	10.200	10.158	10.030	9.945	9.818	9.733
105.0	12.878	12.750	12.665	12.580	12.495	12.538	12.410	12.113	12.070	12.113
107.5	15.725	15.555	15.428	15.258	15.088	15.003	14.875	14.663	14.493	14.705
110.0	18.743	18.530	18.360	18.233	17.850	17.553	17.425	17.425	17.468	17.255
112.5	21.888	21.803	21.590	21.080	20.613	20.315	20.273	20.358	20.570	20.060
115.0	25.203	25.033	24.395	23.885	23.503	23.205	23.163	23.333	23.248	22.823
117.5	28.390	27.668	27.115	26.690	26.393	26.308	26.223	26.350	25.883	25.585
120.0	31.110	30.515	29.920	29.538	29.283	29.198	29.368	29.198	28.688	28.390
122.5	34.085	33.490	32.938	32.513	32.258	32.215	32.215	31.748	31.450	31.280
125.0	37.358	36.720	36.168	35.743	35.445	35.360	34.893	34.468	34.213	34.085
127.5	40.800	40.248	39.738	39.313	39.058	38.590	37.868	37.443	37.145	37.060
130.0	44.370	43.860	43.478	43.223	42.798	41.905	41.183	40.673	40.375	40.205
132.5	48.068	47.643	47.303	47.048	46.155	45.305	44.668	44.158	43.775	43.563
135.0	51.765	51.425	51.255	50.363	49.470	48.705	48.068	47.600	47.303	47.133
137.5	55.378	55.123	54.400	53.465	52.700	52.020	51.425	51.000	50.703	50.533
140.0	58.863	58.055	57.205	56.440	55.803	55.208	54.698	54.315	54.018	53.890
142.5	61.668	60.775	60.053	59.330	58.735	58.225	57.800	57.460	57.248	57.120
145.0	64.430	63.623	62.900	62.263	61.710	61.243	60.818	60.563	60.350	60.223
147.5	67.363	66.598	65.875	65.238	64.685	64.260	63.920	63.623	63.453	63.368
150.0	70.550	69.743	69.020	68.383	67.830	67.405	67.065	66.810	66.640	66.555
152.5	73.950	73.143	72.420	71.783	71.273	70.848	70.465	70.210	69.998	69.870
155.0	77.605	76.798	76.118	75.523	75.013	74.545	74.205	73.950	73.738	73.610
157.5	81.558	80.708	80.070	79.475	79.008	78.583	78.243	77.945	77.733	77.605
160.0	85.935	85.170	84.490	83.938	83.428	83.003	82.620	82.365	82.153	81.983
162.5	90.993	90.100	89.463	88.910	88.400	87.975	87.635	87.338	87.125	86.998
165.0	96.178	95.498	94.903	94.393	93.925	93.500	93.160	92.905	92.693	92.565
167.5	102.043	101.448	100.895	100.428	100.003	99.620	99.323	99.068	98.898	98.770
170.0	108.503	107.950	107.483	107.058	106.675	106.335	106.080	105.868	105.698	105.570
172.5	115.600	115.175	114.750	114.410	114.113	113.815	113.603	113.390	113.263	113.178
175.0	123.378	123.080	122.783	122.528	122.315	122.103	121.933	121.805	121.720	121.678
177.5	131.835	131.623	131.495	131.325	131.198	131.113	131.028	130.943	130.900	130.858
180.0	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

Vert. Angles	Horizontal 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	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
2.5	130.858	130.858	130.900	130.858	130.858	130.900	130.900	130.985	131.028	131.113
5.0	121.635	121.678	121.720	121.678	121.678	121.720	121.763	121.848	121.975	122.145
7.5	113.135	113.178	113.220	113.178	113.178	113.220	113.305	113.433	113.603	113.858
10.0	105.528	105.528	105.613	105.570	105.570	105.613	105.698	105.868	106.123	106.378
12.5	98.728	98.728	98.813	98.728	98.728	98.813	98.940	99.110	99.365	99.663
15.0	92.523	92.523	92.608	92.523	92.523	92.608	92.735	92.948	93.203	93.543
17.5	86.913	86.955	87.040	86.955	86.955	87.040	87.168	87.380	87.678	88.018
20.0	81.940	81.983	82.068	81.983	81.983	82.068	82.195	82.408	82.705	83.088
22.5	77.563	77.605	77.733	77.648	77.605	77.648	77.818	78.030	78.285	78.668
25.0	73.568	73.610	73.738	73.610	73.568	73.610	73.738	73.993	74.290	74.630
27.5	69.870	69.913	70.040	69.913	69.870	69.870	69.955	70.168	70.465	70.848
30.0	66.555	66.598	66.768	66.598	66.513	66.470	66.555	66.725	66.980	67.320
32.5	63.368	63.453	63.623	63.410	63.325	63.283	63.325	63.495	63.708	64.048
35.0	60.223	60.308	60.478	60.308	60.180	60.180	60.223	60.393	60.648	60.988
37.5	57.078	57.163	57.333	57.120	57.035	57.078	57.163	57.375	57.673	58.055
40.0	53.848	53.975	54.145	53.933	53.805	53.805	53.975	54.230	54.613	55.080
42.5	50.533	50.618	50.873	50.533	50.363	50.320	50.490	50.788	51.255	51.935
45.0	47.133	47.260	47.558	47.048	46.665	46.495	46.538	46.835	47.345	48.153

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

47.5	43.563	43.733	44.073	43.308	42.755	42.458	42.330	42.500	42.968	43.690
50.0	40.290	40.503	40.885	39.865	39.058	38.505	38.165	38.165	38.420	39.100
52.5	37.103	37.273	37.698	36.423	35.360	34.553	34.043	33.830	34.000	34.468
55.0	34.170	34.425	34.808	33.193	31.833	30.728	29.920	29.538	29.495	29.793
57.5	31.238	31.365	31.705	30.005	28.475	27.200	26.138	25.330	24.990	25.330
60.0	28.348	28.475	28.858	26.945	25.245	23.843	22.695	21.845	21.590	21.675
62.5	25.458	25.543	25.883	23.843	22.015	20.528	19.295	18.318	18.700	18.998
65.0	22.653	22.695	22.993	20.783	18.870	17.255	15.938	15.683	16.193	16.618
67.5	19.678	19.593	19.805	17.723	15.853	14.195	12.793	13.388	14.068	14.620
70.0	16.703	16.533	16.660	14.663	12.963	11.433	11.135	11.730	12.325	13.005
72.5	14.238	13.983	14.068	12.155	10.498	9.010	9.605	10.413	11.135	11.730
75.0	11.858	11.518	11.560	9.818	8.373	7.905	8.543	9.308	10.115	10.328
77.5	9.733	7.905	6.078	6.460	6.588	7.013	7.735	8.500	8.713	8.798
80.0	7.820	6.503	4.803	5.313	5.823	6.418	7.098	7.183	7.268	7.395
82.5	5.993	4.888	0.000	3.910	5.143	5.823	5.823	5.908	6.035	6.120
85.0	3.868	1.275	0.000	1.063	3.910	2.635	2.890	4.718	4.420	4.165
87.5	0.213	0.000	0.000	0.000	0.213	0.000	0.340	2.380	2.210	2.083
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.213	0.000	0.000	0.000	0.213	0.000	0.340	2.380	2.210	2.083
95.0	3.868	1.275	0.000	1.063	3.910	2.635	2.890	4.718	4.420	4.165
97.5	5.993	4.888	0.000	3.910	5.143	5.823	5.823	5.908	6.035	6.120
100.0	7.820	6.503	4.803	5.313	5.823	6.418	7.098	7.183	7.268	7.395
102.5	9.733	7.905	6.078	6.460	6.588	7.013	7.735	8.500	8.713	8.798
105.0	11.858	11.518	11.560	9.818	8.373	7.905	8.543	9.308	10.115	10.328
107.5	14.238	13.983	14.068	12.155	10.498	9.010	9.605	10.413	11.135	11.730
110.0	16.703	16.533	16.660	14.663	12.963	11.433	11.135	11.730	12.325	13.005
112.5	19.678	19.593	19.805	17.723	15.853	14.195	12.793	13.388	14.068	14.620
115.0	22.653	22.695	22.993	20.783	18.870	17.255	15.938	15.683	16.193	16.618
117.5	25.458	25.543	25.883	23.843	22.015	20.528	19.295	18.318	18.700	18.998
120.0	28.348	28.475	28.858	26.945	25.245	23.843	22.695	21.845	21.590	21.675
122.5	31.238	31.365	31.705	30.005	28.475	27.200	26.138	25.330	24.990	25.330
125.0	34.170	34.425	34.808	33.193	31.833	30.728	29.920	29.538	29.495	29.793
127.5	37.103	37.273	37.698	36.423	35.360	34.553	34.043	33.830	34.000	34.468
130.0	40.290	40.503	40.885	39.865	39.058	38.505	38.165	38.165	38.420	39.100
132.5	43.563	43.733	44.073	43.308	42.755	42.458	42.330	42.500	42.968	43.690
135.0	47.133	47.260	47.558	47.048	46.665	46.495	46.538	46.835	47.345	48.153
137.5	50.533	50.618	50.873	50.533	50.363	50.320	50.490	50.788	51.255	51.935
140.0	53.848	53.975	54.145	53.933	53.805	53.805	53.975	54.230	54.613	55.080
142.5	57.078	57.163	57.333	57.120	57.035	57.078	57.163	57.375	57.673	58.055
145.0	60.223	60.308	60.478	60.308	60.180	60.180	60.223	60.393	60.648	60.988
147.5	63.368	63.453	63.623	63.410	63.325	63.283	63.325	63.495	63.708	64.048
150.0	66.555	66.598	66.768	66.598	66.513	66.470	66.555	66.725	66.980	67.320
152.5	69.870	69.913	70.040	69.913	69.870	69.870	69.955	70.168	70.465	70.848
155.0	73.568	73.610	73.738	73.610	73.568	73.610	73.738	73.993	74.290	74.630
157.5	77.563	77.605	77.733	77.648	77.605	77.648	77.818	78.030	78.285	78.668
160.0	81.940	81.983	82.068	81.983	81.983	82.068	82.195	82.408	82.705	83.088
162.5	86.913	86.955	87.040	86.955	86.955	87.040	87.168	87.380	87.678	88.018
165.0	92.523	92.523	92.608	92.523	92.523	92.608	92.735	92.948	93.203	93.543
167.5	98.728	98.728	98.813	98.728	98.728	98.813	98.940	99.110	99.365	99.663
170.0	105.528	105.528	105.613	105.570	105.570	105.613	105.698	105.868	106.123	106.378
172.5	113.135	113.178	113.220	113.178	113.178	113.220	113.305	113.433	113.603	113.858
175.0	121.635	121.678	121.720	121.678	121.678	121.720	121.763	121.848	121.975	122.145
177.5	130.858	130.858	130.900	130.858	130.858	130.900	130.900	130.985	131.028	131.113
180.0	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>200.0</b>	<b>202.5</b>	<b>205.0</b>	<b>207.5</b>	<b>210.0</b>	<b>212.5</b>	<b>215.0</b>	<b>217.5</b>	<b>220.0</b>	<b>222.5</b>
<b>0.0</b>	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
<b>2.5</b>	131.240	131.368	131.495	131.665	131.878	132.048	132.260	132.515	132.770	133.025
<b>5.0</b>	122.358	122.570	122.868	123.123	123.463	123.803	124.228	124.610	125.078	125.545
<b>7.5</b>	114.155	114.453	114.835	115.260	115.685	116.195	116.748	117.300	117.895	118.575
<b>10.0</b>	106.718	107.143	107.568	108.078	108.630	109.183	109.820	110.543	111.265	112.073
<b>12.5</b>	100.045	100.513	100.980	101.575	102.170	102.850	103.573	104.380	105.315	106.250
<b>15.0</b>	93.968	94.478	94.988	95.625	96.305	97.028	97.878	98.813	99.790	100.853
<b>17.5</b>	88.485	88.995	89.548	90.185	91.078	91.715	92.650	93.670	94.733	95.838
<b>20.0</b>	83.513	84.065	84.618	85.255	86.063	86.955	87.890	88.953	90.015	91.248
<b>22.5</b>	79.093	79.603	80.198	80.878	81.685	82.578	83.555	84.575	85.765	87.040
<b>25.0</b>	75.098	75.608	76.203	76.925	77.733	78.583	79.560	80.665	81.898	83.173
<b>27.5</b>	71.315	71.868	72.505	73.228	74.035	74.928	75.948	77.095	78.285	79.560
<b>30.0</b>	67.745	68.255	68.935	69.700	70.593	71.570	72.633	73.738	74.970	76.330
<b>32.5</b>	64.473	64.983	65.620	66.385	67.193	68.170	69.360	70.593	71.868	72.845
<b>35.0</b>	61.370	61.923	62.560	63.283	64.133	65.110	66.173	67.150	68.000	68.935
<b>37.5</b>	58.565	59.075	59.670	60.350	61.200	62.178	62.688	63.368	64.175	65.110
<b>40.0</b>	55.633	56.270	56.993	57.758	58.438	58.523	58.905	59.585	60.478	61.498
<b>42.5</b>	52.573	53.338	54.230	54.825	54.698	54.783	55.123	55.718	56.653	57.843
<b>45.0</b>	49.003	50.065	50.958	50.660	50.618	50.745	51.128	51.765	52.700	53.975
<b>47.5</b>	44.753	45.985	46.028	46.070	46.198	46.410	46.835	47.600	48.663	49.980
<b>50.0</b>	40.120	40.545	40.758	41.140	41.480	41.863	42.373	43.138	44.285	45.815
<b>52.5</b>	34.935	35.190	35.615	36.125	36.678	37.230	37.825	38.633	39.780	41.438
<b>55.0</b>	30.048	30.430	30.813	31.365	32.003	32.683	33.363	34.128	35.360	36.890
<b>57.5</b>	25.670	26.095	26.563	27.073	27.668	28.390	29.070	29.835	30.855	32.428
<b>60.0</b>	21.973	22.355	22.780	23.248	23.800	24.395	25.118	26.053	27.115	28.348
<b>62.5</b>	19.210	19.380	19.678	19.933	20.358	20.995	21.888	22.823	23.715	24.778
<b>65.0</b>	16.958	17.170	17.298	17.340	17.638	18.318	19.040	19.933	20.740	21.548
<b>67.5</b>	15.088	15.343	15.428	15.428	15.555	16.023	16.618	17.255	17.978	18.658
<b>70.0</b>	13.558	13.770	13.728	13.685	13.770	13.983	14.450	14.918	15.470	16.023
<b>72.5</b>	11.985	12.028	12.070	12.028	12.155	12.283	12.538	12.835	13.175	13.558
<b>75.0</b>	10.328	10.413	10.455	10.498	10.540	10.668	10.838	11.008	11.135	11.305
<b>77.5</b>	8.840	8.883	8.968	8.925	8.968	9.138	9.095	9.138	9.223	9.350
<b>80.0</b>	7.480	7.480	7.523	7.353	7.268	7.225	7.225	7.268	7.310	7.438
<b>82.5</b>	5.993	5.780	5.653	5.483	5.440	5.398	5.398	5.440	5.483	5.525
<b>85.0</b>	3.995	3.868	3.740	3.655	3.613	3.570	3.570	3.613	3.613	3.655
<b>87.5</b>	1.998	1.913	1.870	1.828	1.785	1.785	1.785	1.828	1.828	1.828
<b>90.0</b>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>92.5</b>	1.998	1.913	1.870	1.828	1.785	1.785	1.785	1.828	1.828	1.828
<b>95.0</b>	3.995	3.868	3.740	3.655	3.570	3.570	3.570	3.613	3.613	3.655
<b>97.5</b>	5.993	5.780	5.653	5.483	5.440	5.398	5.398	5.440	5.483	5.525
<b>100.0</b>	7.480	7.480	7.523	7.353	7.268	7.225	7.225	7.268	7.310	7.438
<b>102.5</b>	8.840	8.883	8.968	8.925	8.968	9.095	9.095	9.138	9.223	9.350
<b>105.0</b>	10.328	10.413	10.455	10.498	10.540	10.668	10.795	11.008	11.135	11.305
<b>107.5</b>	11.985	12.028	12.070	12.028	12.155	12.283	12.538	12.835	13.175	13.515
<b>110.0</b>	13.558	13.770	13.728	13.685	13.770	13.983	14.450	14.918	15.470	16.023
<b>112.5</b>	15.088	15.343	15.428	15.428	15.555	16.023	16.618	17.255	17.978	18.658
<b>115.0</b>	16.958	17.170	17.298	17.340	17.638	18.318	19.040	19.890	20.740	21.548
<b>117.5</b>	19.210	19.380	19.678	19.933	20.358	20.995	21.888	22.823	23.715	24.778
<b>120.0</b>	21.973	22.355	22.780	23.248	23.800	24.395	25.118	26.053	27.115	28.348
<b>122.5</b>	25.670	26.095	26.563	27.073	27.668	28.390	29.070	29.835	30.855	32.428
<b>125.0</b>	30.048	30.430	30.813	31.365	32.003	32.683	33.363	34.128	35.318	36.890
<b>127.5</b>	34.935	35.190	35.615	36.125	36.678	37.230	37.825	38.633	39.738	41.438
<b>130.0</b>	40.120	40.545	40.758	41.140	41.480	41.863	42.373	43.138	44.285	45.815

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

132.5	44.753	45.985	46.028	46.070	46.198	46.410	46.835	47.600	48.620	49.980
135.0	49.003	50.065	50.958	50.660	50.618	50.745	51.128	51.765	52.700	53.975
137.5	52.573	53.338	54.230	54.825	54.698	54.783	55.123	55.718	56.653	57.843
140.0	55.633	56.270	56.993	57.758	58.438	58.523	58.905	59.585	60.478	61.498
142.5	58.565	59.075	59.670	60.350	61.200	62.178	62.688	63.368	64.175	65.068
145.0	61.370	61.923	62.560	63.283	64.133	65.110	66.173	67.150	68.000	68.935
147.5	64.473	64.983	65.620	66.385	67.193	68.170	69.318	70.593	71.868	72.845
150.0	67.745	68.255	68.935	69.700	70.593	71.570	72.633	73.738	74.970	76.330
152.5	71.315	71.868	72.505	73.228	74.035	74.928	75.948	77.095	78.285	79.560
155.0	75.098	75.608	76.203	76.925	77.733	78.583	79.560	80.665	81.898	83.173
157.5	79.093	79.603	80.198	80.878	81.685	82.578	83.555	84.575	85.765	87.040
160.0	83.513	84.065	84.618	85.255	86.063	86.955	87.890	88.910	90.015	91.248
162.5	88.485	88.995	89.548	90.185	91.078	91.715	92.650	93.670	94.733	95.838
165.0	93.968	94.478	94.988	95.625	96.305	97.028	97.878	98.813	99.790	100.853
167.5	100.045	100.513	100.980	101.575	102.170	102.850	103.573	104.380	105.315	106.250
170.0	106.718	107.143	107.568	108.078	108.588	109.183	109.820	110.543	111.265	112.073
172.5	114.155	114.453	114.835	115.260	115.685	116.195	116.748	117.300	117.895	118.575
175.0	122.358	122.570	122.868	123.123	123.463	123.803	124.228	124.610	125.078	125.545
177.5	131.240	131.368	131.495	131.665	131.878	132.048	132.260	132.515	132.770	133.025
180.0	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**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	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
2.5	133.323	133.620	133.918	134.258	134.598	134.938	135.278	135.660	136.043	136.425
5.0	126.013	126.565	127.118	127.670	128.265	128.860	129.498	130.263	130.985	131.793
7.5	119.255	120.190	120.785	121.635	122.528	123.463	124.398	125.375	126.395	127.415
10.0	113.008	113.943	114.963	116.025	117.088	118.193	119.383	120.658	121.975	123.335
12.5	107.270	108.375	109.480	110.840	111.945	113.348	114.793	116.238	117.768	119.340
15.0	102.000	103.318	104.465	105.868	107.313	108.758	110.330	112.073	113.858	115.643
17.5	97.113	98.430	99.833	101.320	102.850	104.550	106.335	108.120	110.033	112.158
20.0	92.608	94.010	95.455	97.113	98.813	100.598	102.468	104.508	106.590	108.800
22.5	88.400	89.803	91.460	93.160	94.945	96.900	98.940	101.023	103.318	105.698
25.0	84.533	86.105	87.720	89.420	91.375	93.373	95.498	97.835	99.875	102.085
27.5	81.048	82.578	84.235	86.105	87.593	89.293	91.163	93.075	95.243	97.453
30.0	77.775	79.050	80.325	81.643	83.215	84.830	86.658	88.698	90.823	93.160
32.5	73.780	74.928	76.118	77.520	79.093	80.708	82.535	84.533	86.658	88.995
35.0	69.913	70.975	72.208	73.568	75.098	76.798	78.625	80.580	82.748	85.043
37.5	66.173	67.278	68.468	69.870	71.400	73.100	74.928	76.925	79.008	81.388
40.0	62.603	63.750	65.025	66.343	67.873	69.530	71.400	73.398	75.523	77.818
42.5	59.075	60.393	61.710	63.028	64.473	66.173	68.000	70.040	72.208	74.460
45.0	55.505	56.993	58.480	59.883	61.370	62.943	64.813	66.853	69.020	71.273
47.5	51.638	53.508	55.250	56.865	58.353	59.925	61.710	63.708	65.960	68.085
50.0	47.643	49.725	51.893	53.890	55.463	56.950	58.140	59.670	61.413	63.240
52.5	43.393	45.773	48.323	50.023	51.340	52.318	53.550	55.038	56.738	58.608
55.0	38.973	41.055	43.180	45.093	46.580	47.813	49.088	50.533	52.233	54.018
57.5	34.213	36.083	38.123	40.078	41.820	43.308	44.625	46.113	47.770	49.555
60.0	29.878	31.578	33.405	35.318	37.188	38.803	40.205	41.778	43.435	45.220
62.5	26.053	27.455	29.028	30.813	32.683	34.255	35.828	37.485	39.185	40.928
65.0	22.525	23.673	25.033	26.563	28.178	29.835	31.493	33.193	34.978	36.720
67.5	19.465	20.358	21.378	22.568	23.970	25.543	27.158	28.985	30.813	32.598
70.0	16.575	17.255	17.978	18.785	19.975	21.378	22.908	24.820	26.775	28.603
72.5	13.940	14.408	14.875	15.640	16.703	18.063	19.635	21.378	23.163	24.778
75.0	11.645	12.113	12.580	13.218	14.110	15.215	16.575	18.063	19.635	21.080
77.5	9.648	9.945	10.370	10.880	11.603	12.538	13.643	14.833	16.193	17.425

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

80.0	7.608	7.863	8.203	8.628	9.138	9.903	10.795	11.773	12.835	13.855
82.5	5.653	5.865	6.120	6.418	6.800	7.353	7.990	8.755	9.605	10.370
85.0	3.740	3.910	4.038	4.250	4.505	4.845	5.313	5.780	6.375	6.885
87.5	1.870	1.955	1.998	2.083	2.253	2.423	2.635	2.890	3.188	3.443
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	1.870	1.955	1.998	2.083	2.253	2.423	2.635	2.890	3.188	3.443
95.0	3.740	3.910	4.038	4.250	4.505	4.845	5.313	5.780	6.375	6.885
97.5	5.653	5.865	6.120	6.418	6.800	7.353	7.990	8.755	9.605	10.370
100.0	7.608	7.863	8.203	8.585	9.138	9.903	10.795	11.773	12.835	13.855
102.5	9.605	9.945	10.370	10.880	11.603	12.538	13.643	14.833	16.193	17.425
105.0	11.645	12.113	12.580	13.218	14.110	15.215	16.575	18.063	19.635	21.080
107.5	13.940	14.408	14.875	15.640	16.703	18.063	19.635	21.378	23.163	24.778
110.0	16.575	17.255	17.978	18.785	19.975	21.378	22.908	24.820	26.775	28.603
112.5	19.465	20.358	21.378	22.483	23.970	25.543	27.158	28.943	30.813	32.598
115.0	22.525	23.673	25.033	26.563	28.178	29.835	31.493	33.193	34.978	36.720
117.5	26.053	27.455	29.028	30.813	32.598	34.255	35.828	37.485	39.185	40.928
120.0	29.878	31.578	33.405	35.318	37.188	38.803	40.205	41.778	43.435	45.220
122.5	34.213	36.083	38.123	40.078	41.820	43.308	44.625	46.113	47.770	49.555
125.0	38.973	41.055	43.095	45.093	46.580	47.813	49.088	50.533	52.233	54.018
127.5	43.393	45.773	48.323	50.023	51.340	52.318	53.550	55.038	56.738	58.608
130.0	47.643	49.725	51.893	53.890	55.463	56.950	58.140	59.670	61.413	63.240
132.5	51.638	53.508	55.250	56.865	58.353	59.925	61.710	63.708	65.960	68.085
135.0	55.505	56.993	58.438	59.883	61.370	62.943	64.813	66.853	69.020	71.273
137.5	59.075	60.393	61.668	63.028	64.473	66.173	68.000	70.040	72.208	74.460
140.0	62.603	63.750	65.025	66.343	67.873	69.530	71.400	73.398	75.523	77.818
142.5	66.173	67.278	68.468	69.870	71.400	73.100	74.928	76.925	79.008	81.388
145.0	69.913	70.975	72.208	73.568	75.098	76.798	78.625	80.580	82.748	85.043
147.5	73.780	74.928	76.118	77.520	79.050	80.708	82.535	84.533	86.658	88.995
150.0	77.775	79.050	80.325	81.643	83.215	84.830	86.658	88.698	90.823	93.160
152.5	81.048	82.578	84.235	86.063	87.593	89.293	91.163	93.075	95.243	97.453
155.0	84.533	86.105	87.720	89.420	91.375	93.373	95.498	97.835	99.875	102.085
157.5	88.400	89.803	91.460	93.160	94.945	96.900	98.940	101.023	103.318	105.698
160.0	92.608	94.010	95.455	97.113	98.813	100.598	102.468	104.508	106.590	108.800
162.5	97.070	98.430	99.833	101.320	102.850	104.550	106.335	108.120	110.033	112.158
165.0	102.000	103.318	104.465	105.868	107.313	108.758	110.330	112.073	113.858	115.643
167.5	107.270	108.375	109.480	110.840	111.945	113.348	114.793	116.238	117.768	119.340
170.0	113.008	113.943	114.963	116.025	117.088	118.193	119.383	120.658	121.975	123.335
172.5	119.255	120.190	120.785	121.635	122.528	123.463	124.398	125.375	126.395	127.415
175.0	126.013	126.565	127.118	127.670	128.265	128.860	129.498	130.263	130.985	131.793
177.5	133.323	133.620	133.918	134.258	134.598	134.938	135.278	135.660	136.043	136.425
180.0	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**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	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
2.5	136.850	137.233	137.658	138.083	138.508	138.933	139.358	139.825	140.250	140.803
5.0	132.558	133.365	134.173	135.023	135.873	136.723	137.573	138.423	139.315	140.420
7.5	128.648	129.625	130.815	132.048	133.323	134.598	135.830	137.148	138.423	140.080
10.0	124.695	126.140	127.840	129.158	130.773	132.430	134.130	135.788	137.488	139.655
12.5	121.083	122.783	124.568	126.353	128.308	130.348	132.430	134.513	136.595	139.273
15.0	117.768	119.553	121.635	123.760	126.183	128.308	130.730	133.195	135.660	138.848
17.5	114.283	116.450	118.830	121.253	123.718	126.310	129.115	131.920	134.768	138.423
20.0	111.138	113.560	116.280	118.788	121.550	124.568	127.500	130.645	133.833	137.955
22.5	108.163	110.798	113.560	116.408	119.468	122.570	125.928	129.413	132.940	137.488
25.0	104.423	106.888	109.565	112.370	115.388	118.490	121.848	125.503	129.243	134.173

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

27.5	99.918	102.425	105.145	108.035	111.095	114.410	117.810	121.635	125.503	130.730
30.0	95.540	98.175	100.895	103.913	106.973	110.373	113.815	117.768	121.805	127.288
32.5	91.460	94.095	96.858	99.875	103.020	106.420	109.948	113.985	118.108	123.803
35.0	87.593	90.185	93.033	96.008	99.195	102.595	106.208	110.203	114.368	120.275
37.5	83.853	86.488	89.335	92.395	95.455	98.855	102.468	106.420	110.670	116.748
40.0	80.283	82.960	85.723	88.698	91.885	95.200	98.770	102.723	106.973	113.135
42.5	76.925	79.560	82.450	85.255	88.358	91.758	95.200	99.068	103.233	109.523
45.0	73.695	76.288	79.008	81.898	84.958	88.188	91.630	95.413	99.535	105.868
47.5	70.040	72.250	74.630	77.180	79.900	82.875	86.063	89.633	93.628	100.003
50.0	65.153	67.278	69.530	71.953	74.588	77.435	80.495	83.853	87.720	94.138
52.5	60.435	62.433	64.600	66.853	69.360	72.080	74.970	78.158	81.855	88.230
55.0	55.845	57.715	59.755	61.880	64.260	66.768	69.488	72.463	75.948	82.280
57.5	51.340	53.083	54.995	57.035	59.160	61.498	64.005	66.768	70.040	76.330
60.0	47.005	48.663	50.363	52.233	54.188	56.313	58.608	61.115	64.133	70.338
62.5	42.670	44.200	45.815	47.515	49.300	51.170	53.210	55.505	58.268	64.303
65.0	38.420	39.865	41.353	42.883	44.455	46.113	47.898	49.895	52.360	58.268
67.5	34.255	35.658	36.933	38.293	39.653	41.098	42.628	44.285	46.453	52.190
70.0	30.175	31.535	32.683	33.873	35.105	36.465	37.825	39.355	41.310	47.090
72.5	26.223	27.455	28.475	29.580	30.643	31.833	33.065	34.425	36.125	41.990
75.0	22.355	23.460	24.353	25.288	26.223	27.243	28.263	29.453	30.983	37.103
77.5	18.530	19.465	20.230	21.038	21.803	22.653	23.545	24.523	25.798	31.918
80.0	14.748	15.555	16.150	16.788	17.425	18.105	18.828	19.635	20.655	26.690
82.5	11.050	11.603	12.070	12.580	13.048	13.558	14.153	14.705	15.470	21.505
85.0	7.353	7.778	8.075	8.373	8.670	9.053	9.393	9.775	10.328	16.320
87.5	3.655	3.868	3.995	4.165	4.378	4.505	4.675	4.888	5.143	11.135
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.950
92.5	3.655	3.868	3.868	4.080	4.293	4.463	4.675	4.888	5.143	11.135
95.0	7.353	7.778	8.075	8.373	8.543	8.968	9.350	9.775	10.328	16.320
97.5	11.050	11.603	12.070	12.580	13.048	13.430	14.068	14.705	15.470	21.505
100.0	14.748	15.555	16.150	16.788	17.425	17.978	18.785	19.593	20.655	26.690
102.5	18.530	19.465	20.230	21.038	21.803	22.653	23.460	24.523	25.798	31.875
105.0	22.355	23.460	24.353	25.288	26.223	27.243	28.178	29.410	30.983	37.060
107.5	26.223	27.455	28.475	29.580	30.643	31.833	32.938	34.383	36.125	41.948
110.0	30.175	31.535	32.683	33.873	35.105	36.465	37.698	39.313	41.310	47.048
112.5	34.255	35.658	36.933	38.293	39.653	41.098	42.458	44.243	46.453	52.148
115.0	38.420	39.865	41.353	42.883	44.455	46.113	47.728	49.853	52.360	58.225
117.5	42.670	44.200	45.815	47.515	49.300	51.170	53.040	55.420	58.268	64.260
120.0	47.005	48.663	50.363	52.233	54.188	56.313	58.395	61.073	64.133	70.295
122.5	51.340	53.083	54.995	57.035	59.160	61.498	63.793	66.725	70.040	76.288
125.0	55.845	57.715	59.755	61.880	64.260	66.768	69.488	72.378	75.948	82.195
127.5	60.435	62.433	64.600	66.853	69.360	72.080	74.970	78.073	81.855	88.145
130.0	65.153	67.278	69.530	71.953	74.588	77.435	80.495	83.810	87.720	94.053
132.5	70.040	72.250	74.630	77.180	79.900	82.875	86.063	89.548	93.628	99.960
135.0	73.695	76.288	79.008	81.898	84.958	88.188	91.630	95.370	99.535	105.825
137.5	76.925	79.560	82.450	85.255	88.358	91.758	95.200	99.025	103.233	109.480
140.0	80.283	82.960	85.723	88.698	91.885	95.200	98.770	102.680	106.973	113.093
142.5	83.853	86.488	89.335	92.395	95.455	98.855	102.468	106.420	110.670	116.705
145.0	87.593	90.185	93.033	96.008	99.195	102.595	106.208	110.160	114.368	120.233
147.5	91.460	94.095	96.858	99.875	103.020	106.420	109.820	113.943	118.108	123.760
150.0	95.540	98.175	100.895	103.913	106.973	110.373	113.688	117.768	121.805	127.245
152.5	99.918	102.425	105.145	108.035	111.095	114.410	117.683	121.593	125.503	130.688
155.0	104.423	106.888	109.565	112.370	115.388	118.490	121.763	125.503	129.243	134.130
157.5	108.163	110.798	113.560	116.408	119.468	122.570	125.885	129.413	132.940	137.488
160.0	111.138	113.560	116.280	118.788	121.550	124.568	127.458	130.645	133.833	137.955
162.5	114.283	116.450	118.830	121.253	123.718	126.310	129.115	131.920	134.768	138.423
165.0	117.768	119.553	121.635	123.760	126.183	128.308	130.730	133.195	135.660	138.848



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>167.5</b>	121.083	122.783	124.568	126.353	128.308	130.348	132.388	134.513	136.595	139.273
<b>170.0</b>	124.695	126.140	127.840	129.158	130.773	132.430	134.088	135.788	137.488	139.655
<b>172.5</b>	128.648	129.625	130.815	132.048	133.323	134.555	135.830	137.148	138.423	140.080
<b>175.0</b>	132.558	133.365	134.173	135.023	135.830	136.680	137.573	138.423	139.315	140.420
<b>177.5</b>	136.850	137.233	137.615	138.040	138.508	138.933	139.358	139.825	140.250	140.803
<b>180.0</b>	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**Vert.  
Angles**

**Horizontal Angles**

	<u><b>275.0</b></u>	<u><b>277.5</b></u>	<u><b>280.0</b></u>	<u><b>282.5</b></u>	<u><b>285.0</b></u>	<u><b>287.5</b></u>	<u><b>290.0</b></u>	<u><b>292.5</b></u>	<u><b>295.0</b></u>	<u><b>297.5</b></u>
<b>0.0</b>	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
<b>2.5</b>	141.398	141.950	142.503	143.055	143.608	144.160	144.713	145.265	145.818	146.328
<b>5.0</b>	141.568	142.673	143.778	144.883	145.988	147.093	148.198	149.260	150.323	151.343
<b>7.5</b>	141.738	143.395	145.053	146.710	148.325	149.940	151.640	153.553	155.423	157.250
<b>10.0</b>	141.865	144.033	146.200	148.368	150.620	153.213	155.763	158.270	160.778	163.200
<b>12.5</b>	141.993	144.670	147.348	150.238	153.425	156.613	159.758	162.860	166.048	169.320
<b>15.0</b>	142.035	145.223	148.495	152.320	156.103	159.885	163.668	167.620	171.573	175.440
<b>17.5</b>	142.078	145.775	149.898	154.318	158.653	163.115	167.748	172.338	176.928	181.603
<b>20.0</b>	142.078	146.285	151.215	156.188	161.160	166.430	171.700	176.885	182.410	187.808
<b>22.5</b>	142.078	147.008	152.490	157.973	163.753	169.618	175.483	181.645	187.765	193.843
<b>25.0</b>	139.145	144.798	150.918	157.208	163.923	170.680	177.820	185.088	192.398	199.708
<b>27.5</b>	136.043	142.333	148.878	155.805	163.030	170.468	178.245	186.065	194.013	201.918
<b>30.0</b>	132.855	139.698	146.753	154.233	162.265	170.043	178.288	186.745	195.245	203.830
<b>32.5</b>	129.753	136.978	144.415	152.405	160.693	169.320	178.118	187.085	196.180	205.360
<b>35.0</b>	126.650	134.130	142.078	150.408	159.248	168.725	177.650	187.128	196.775	206.508
<b>37.5</b>	123.420	131.198	139.570	148.240	157.590	167.110	176.928	186.915	197.625	207.230
<b>40.0</b>	120.105	128.138	136.893	146.030	155.635	165.665	175.865	186.363	196.945	207.613
<b>42.5</b>	116.790	124.993	134.088	143.565	153.468	163.923	174.590	185.555	196.435	207.485
<b>45.0</b>	113.348	121.805	131.113	140.930	151.215	161.925	173.018	184.238	195.543	206.975
<b>47.5</b>	107.823	116.663	126.310	136.680	147.603	158.908	170.638	182.495	194.310	206.635
<b>50.0</b>	102.085	111.180	121.083	131.750	143.055	154.785	166.855	179.138	191.505	204.000
<b>52.5</b>	96.305	105.613	115.770	126.693	138.338	150.450	162.860	175.483	188.275	201.238
<b>55.0</b>	90.483	99.960	110.373	121.508	133.408	145.860	158.610	171.615	184.790	198.220
<b>57.5</b>	84.618	94.223	104.805	116.195	128.308	141.058	154.148	167.493	181.050	194.905
<b>60.0</b>	78.668	88.358	99.153	110.755	123.080	136.043	149.430	163.073	177.055	191.335
<b>62.5</b>	72.633	82.450	93.330	105.145	117.683	130.858	144.458	158.440	172.720	187.468
<b>65.0</b>	66.555	76.415	87.423	99.365	112.073	125.460	139.315	153.553	168.173	183.345
<b>67.5</b>	60.435	70.295	81.388	93.415	106.293	119.850	133.918	148.410	163.370	178.883
<b>70.0</b>	55.378	65.323	76.500	88.570	101.533	115.133	129.200	143.735	158.780	174.293
<b>72.5</b>	50.278	60.350	71.613	83.938	97.070	110.883	125.205	139.953	155.338	171.148
<b>75.0</b>	45.178	55.250	66.683	79.135	92.438	106.420	120.913	135.915	151.555	167.663
<b>77.5</b>	40.035	50.150	61.668	74.248	87.678	101.745	116.408	131.580	147.475	163.880
<b>80.0</b>	35.063	44.965	56.525	69.190	82.748	96.943	111.690	127.033	143.098	159.715
<b>82.5</b>	29.708	39.993	51.723	64.048	77.648	91.885	106.760	122.188	138.423	155.168
<b>85.0</b>	24.395	34.510	46.198	58.990	72.675	86.998	101.958	117.598	133.323	150.280
<b>87.5</b>	18.998	29.070	40.630	53.423	67.023	81.260	96.178	111.733	128.138	145.223
<b>90.0</b>	13.685	23.630	35.105	47.813	61.328	75.523	90.398	105.910	122.273	139.358
<b>92.5</b>	18.998	29.028	40.545	53.295	66.810	81.260	96.178	111.733	128.138	145.223
<b>95.0</b>	24.353	34.425	46.028	58.990	72.675	86.998	101.958	117.598	133.323	150.280
<b>97.5</b>	29.665	39.865	51.723	64.048	77.648	91.885	106.760	122.188	138.423	155.168
<b>100.0</b>	34.978	44.795	56.525	69.190	82.748	96.943	111.690	127.033	143.098	159.715
<b>102.5</b>	39.950	50.150	61.668	74.248	87.678	101.745	116.408	131.580	147.475	163.880
<b>105.0</b>	45.050	55.250	66.683	79.135	92.438	106.420	120.913	135.915	151.555	167.663
<b>107.5</b>	50.150	60.350	71.613	83.938	97.070	110.883	125.205	139.953	155.338	171.148
<b>110.0</b>	55.250	65.323	76.500	88.570	101.533	115.133	129.200	143.735	158.780	174.293
<b>112.5</b>	60.265	70.295	81.388	93.415	106.293	119.850	133.918	148.410	163.370	178.798

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

115.0	66.343	76.415	87.423	99.365	112.073	125.460	139.315	153.553	168.173	183.345
117.5	72.420	82.450	93.330	105.145	117.683	130.858	144.458	158.440	172.720	187.468
120.0	78.413	88.358	99.153	110.755	123.080	136.043	149.430	163.073	177.055	191.335
122.5	84.363	94.223	104.805	116.195	128.308	141.058	154.148	167.493	181.050	194.905
125.0	90.483	99.960	110.373	121.508	133.408	145.860	158.610	171.615	184.790	198.220
127.5	96.305	105.613	115.770	126.693	138.338	150.450	162.860	175.483	188.275	201.238
130.0	102.085	111.180	121.083	131.750	143.055	154.785	166.855	179.138	191.505	204.000
132.5	107.823	116.663	126.310	136.680	147.603	158.908	170.638	182.495	194.310	206.635
135.0	113.348	121.805	131.113	140.930	151.215	161.925	173.018	184.238	195.543	206.975
137.5	116.790	124.993	134.088	143.565	153.468	163.923	174.590	185.555	196.435	207.485
140.0	120.105	128.138	136.893	146.030	155.635	165.665	175.865	186.363	196.945	207.613
142.5	123.420	131.198	139.570	148.240	157.590	167.110	176.928	186.915	197.625	207.230
145.0	126.650	134.130	142.078	150.408	159.248	168.725	177.650	187.128	196.775	206.508
147.5	129.625	136.978	144.415	152.405	160.693	169.320	178.118	187.085	196.180	205.360
150.0	132.685	139.698	146.753	154.233	162.265	170.043	178.288	186.745	195.245	203.830
152.5	135.873	142.333	148.878	155.805	163.030	170.468	178.245	186.065	194.013	201.918
155.0	139.018	144.798	150.918	157.208	163.923	170.680	177.820	185.088	192.398	199.665
157.5	142.035	147.008	152.490	157.973	163.753	169.618	175.483	181.645	187.765	193.843
160.0	142.035	146.285	151.215	156.188	161.160	166.430	171.700	176.885	182.410	187.808
162.5	142.078	145.775	149.898	154.318	158.653	163.115	167.748	172.338	176.928	181.603
165.0	141.993	145.223	148.495	152.320	156.103	159.885	163.668	167.620	171.573	175.440
167.5	141.950	144.670	147.348	150.238	153.425	156.613	159.758	162.860	166.048	169.320
170.0	141.823	143.990	146.200	148.368	150.620	153.213	155.763	158.270	160.778	163.200
172.5	141.738	143.353	145.053	146.710	148.325	149.940	151.640	153.553	155.423	157.250
175.0	141.525	142.630	143.735	144.883	145.988	147.093	148.198	149.260	150.323	151.343
177.5	141.355	141.950	142.503	143.055	143.608	144.160	144.713	145.265	145.818	146.328
180.0	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**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	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
2.5	146.838	147.348	147.815	148.325	148.793	149.218	149.685	150.110	150.493	150.875
5.0	152.405	153.595	154.743	155.890	156.995	158.058	159.120	160.140	161.075	162.010
7.5	159.078	160.863	162.605	164.305	165.963	167.620	169.278	170.935	172.465	173.910
10.0	165.750	168.173	170.638	173.060	175.440	177.735	179.945	182.070	184.195	186.278
12.5	172.550	175.695	178.798	181.858	184.960	187.978	190.868	193.715	196.435	199.028
15.0	179.690	183.218	187.128	190.953	194.693	198.305	201.918	205.403	208.760	212.033
17.5	186.320	190.910	195.925	200.005	204.425	208.718	212.968	217.048	221.043	224.868
20.0	193.163	198.475	203.703	208.888	213.945	218.918	223.763	228.480	233.070	237.405
22.5	199.878	205.828	211.693	217.515	223.253	228.948	234.260	239.530	244.673	249.560
25.0	206.338	212.968	219.513	226.568	232.220	238.383	244.418	250.155	255.723	261.120
27.5	209.950	218.025	226.058	233.963	240.890	247.520	254.023	260.950	266.220	272.043
30.0	212.458	221.128	229.798	238.425	246.925	255.383	263.075	269.705	276.165	282.243
32.5	214.583	223.805	233.155	242.165	251.260	260.058	268.813	277.313	285.345	291.890
35.0	216.283	226.015	235.748	245.353	254.830	264.223	273.403	282.498	291.253	299.923
37.5	217.515	227.715	237.915	247.945	257.933	267.793	277.483	286.918	296.183	305.108
40.0	218.238	228.948	239.530	250.070	260.525	270.810	280.925	290.700	300.263	309.443
42.5	218.578	229.670	240.763	251.728	262.735	273.318	283.730	293.930	303.705	313.735
45.0	218.450	230.010	241.485	252.918	264.180	275.188	286.068	296.523	306.765	316.583
47.5	217.940	229.883	241.825	253.598	265.243	276.675	287.810	298.775	309.485	319.643
50.0	216.665	229.330	241.655	253.853	265.838	277.695	289.340	300.688	311.738	322.915
52.5	214.370	227.545	240.508	253.385	266.050	278.928	290.488	302.345	314.330	325.168
55.0	211.820	225.378	238.850	252.705	265.668	278.545	291.380	303.833	316.073	327.803
57.5	209.313	222.955	236.895	250.835	264.648	278.333	291.763	304.980	317.900	330.480
60.0	205.828	220.278	234.685	249.178	263.628	277.908	292.018	305.873	319.600	332.988

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

62.5	202.385	217.260	232.390	247.308	262.353	277.270	292.060	306.723	321.215	335.368
65.0	198.645	213.945	229.500	245.140	260.823	276.420	291.933	307.488	322.745	337.748
67.5	194.565	210.333	226.440	242.718	259.038	275.358	291.678	308.040	324.105	339.788
70.0	190.188	206.423	223.083	239.998	256.913	273.955	291.168	308.338	325.168	341.658
72.5	187.213	203.533	220.320	237.363	254.533	272.213	290.955	308.253	325.933	343.188
75.0	184.068	200.855	218.068	235.493	253.173	271.235	289.553	307.955	326.188	344.250
77.5	180.583	197.710	215.305	233.113	251.303	269.875	288.830	307.573	326.315	344.888
80.0	176.715	194.183	212.075	230.265	248.838	267.878	287.173	306.468	325.720	344.803
82.5	172.423	190.188	208.335	226.823	245.820	265.200	284.878	304.555	324.233	343.740
85.0	167.748	185.683	204.085	222.828	242.123	261.843	281.818	301.793	321.853	341.700
87.5	162.860	180.965	199.538	218.535	238.128	258.103	278.375	298.648	319.090	339.150
90.0	157.080	175.270	193.885	212.968	232.688	252.790	273.190	293.590	314.203	334.348
92.5	162.860	180.965	199.538	218.535	238.128	258.103	278.375	298.648	319.090	339.150
95.0	167.748	185.683	204.085	222.828	242.123	261.843	281.818	301.793	321.853	341.700
97.5	172.423	190.188	208.335	226.823	245.820	265.200	284.878	304.555	324.233	343.740
100.0	176.715	194.183	212.075	230.180	248.838	267.878	287.173	306.468	325.720	344.803
102.5	180.583	197.710	215.305	233.113	251.303	269.875	288.703	307.573	326.315	344.888
105.0	184.068	200.855	218.068	235.493	253.173	271.193	289.553	307.955	326.188	344.250
107.5	187.170	203.533	220.320	237.363	254.533	272.213	290.955	308.210	325.933	343.188
110.0	190.188	206.423	223.083	239.998	256.913	273.955	291.168	308.338	325.168	341.658
112.5	194.565	210.333	226.440	242.548	259.038	275.358	291.678	308.040	324.105	339.788
115.0	198.645	213.945	229.500	245.140	260.823	276.420	291.933	307.488	322.745	337.663
117.5	202.385	217.260	232.220	247.308	262.353	277.270	292.060	306.723	321.215	335.368
120.0	205.828	220.278	234.685	249.178	263.628	277.908	292.018	305.873	319.600	332.988
122.5	209.313	222.955	236.895	250.835	264.648	278.333	291.763	304.980	317.900	330.480
125.0	211.820	225.378	238.850	252.705	265.455	278.545	291.380	303.833	315.988	327.803
127.5	214.370	227.545	240.508	253.385	265.965	278.928	290.488	302.345	314.245	325.168
130.0	216.665	229.330	241.655	253.853	265.838	277.695	289.340	300.688	311.610	322.915
132.5	217.940	229.883	241.825	253.598	265.243	276.675	287.810	298.775	309.358	319.643
135.0	218.450	230.010	241.485	252.918	264.095	275.188	286.068	296.523	306.765	316.583
137.5	218.578	229.670	240.763	251.728	262.608	273.318	283.730	293.930	303.705	313.735
140.0	218.238	228.948	239.530	250.070	260.525	270.810	280.925	290.700	300.263	309.443
142.5	217.515	227.715	237.915	247.945	257.933	267.793	277.483	286.705	296.183	305.023
145.0	216.283	226.015	235.748	245.353	254.830	264.223	273.403	282.498	291.253	299.923
147.5	214.583	223.805	233.028	242.165	251.260	260.058	268.813	277.313	285.345	291.890
150.0	212.458	221.128	229.798	238.425	246.925	255.383	263.075	269.705	276.165	282.243
152.5	209.950	218.025	226.058	233.920	240.890	247.520	254.023	260.950	266.220	271.958
155.0	206.338	212.968	219.513	226.568	232.220	238.383	244.418	250.155	255.723	261.120
157.5	199.878	205.828	211.693	217.515	223.253	228.948	234.260	239.530	244.588	249.560
160.0	193.163	198.475	203.703	208.888	213.945	218.918	223.763	228.480	233.070	237.405
162.5	186.320	190.910	195.925	200.005	204.425	208.718	212.925	217.048	221.043	224.868
165.0	179.690	183.218	187.128	190.953	194.693	198.305	201.918	205.403	208.760	212.033
167.5	172.550	175.695	178.798	181.815	184.960	187.978	190.868	193.715	196.435	199.028
170.0	165.750	168.173	170.638	173.060	175.440	177.693	179.945	182.070	184.195	186.278
172.5	159.078	160.863	162.605	164.305	165.963	167.620	169.278	170.893	172.465	173.910
175.0	152.405	153.595	154.743	155.890	156.995	158.058	159.120	160.140	161.075	162.010
177.5	146.838	147.348	147.815	148.325	148.793	149.218	149.685	150.110	150.493	150.875
180.0	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

**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	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143	141.143
2.5	151.258	151.598	151.938	152.235	152.533	152.830	153.043	153.298	153.935	153.978
5.0	162.903	163.710	164.518	165.240	165.963	166.600	167.195	167.705	168.173	168.598
7.5	175.355	176.673	177.948	179.138	180.285	181.305	182.325	183.133	183.898	184.620

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

10.0	188.275	190.145	191.973	193.630	195.203	196.690	198.008	199.240	200.345	201.323
12.5	201.578	204.043	206.380	208.548	210.630	212.543	214.328	215.943	217.388	218.705
15.0	215.135	218.110	220.958	223.635	226.185	228.565	230.775	232.773	234.558	236.173
17.5	228.565	232.093	235.450	238.595	241.613	244.290	246.883	249.220	251.388	253.300
20.0	241.613	245.650	249.475	253.045	256.403	259.505	262.438	265.115	267.580	269.748
22.5	254.193	258.698	262.863	266.900	270.640	274.083	277.313	280.330	283.093	285.558
25.0	266.220	271.023	275.655	280.033	284.198	287.980	291.550	294.823	297.883	300.603
27.5	277.525	282.753	287.725	292.443	296.948	301.113	304.980	308.423	311.695	314.670
30.0	288.108	294.185	299.030	304.045	308.805	313.268	317.220	320.875	324.275	327.420
32.5	298.138	304.003	309.613	314.713	319.643	324.233	328.398	332.180	335.708	338.938
35.0	307.275	313.310	319.090	324.403	329.333	334.050	338.428	342.338	345.993	349.350
37.5	314.203	321.725	327.548	333.115	338.215	343.018	347.565	351.645	355.385	358.785
40.0	318.283	326.868	334.985	341.063	346.333	351.263	355.938	360.145	363.970	367.455
42.5	322.363	331.288	339.745	347.820	353.898	358.913	363.630	368.008	371.960	375.573
45.0	326.145	335.325	344.123	352.453	360.400	366.095	370.983	375.828	379.653	383.393
47.5	329.630	339.108	348.203	356.873	365.118	372.895	378.208	382.968	387.303	391.170
50.0	332.860	342.805	352.325	361.378	370.005	378.123	385.475	390.448	394.953	399.033
52.5	336.048	346.503	356.533	366.095	375.105	383.605	391.595	398.140	402.900	407.065
55.0	339.278	350.328	360.910	370.983	380.460	389.428	397.758	405.408	410.890	415.268
57.5	342.593	354.280	365.415	376.040	386.070	395.463	404.473	412.080	419.008	423.598
60.0	345.908	358.275	370.048	381.268	391.850	401.710	410.720	419.050	426.488	432.225
62.5	349.053	362.228	374.723	386.623	397.758	408.085	417.648	426.360	434.180	441.235
65.0	352.113	365.968	379.355	391.978	403.708	414.673	424.703	433.840	442.213	449.735
67.5	355.003	369.708	383.818	397.120	409.700	421.175	431.715	441.448	450.288	458.363
70.0	357.723	373.788	388.025	402.093	415.225	427.380	438.558	448.758	458.150	466.438
72.5	360.103	376.423	391.935	406.640	420.325	433.075	444.805	455.558	465.205	473.790
75.0	362.058	379.058	395.293	410.550	424.830	438.175	450.458	461.465	471.410	480.250
77.5	363.290	381.183	397.970	413.865	428.740	442.510	455.090	466.523	476.723	485.520
80.0	363.588	381.820	399.330	415.948	431.630	445.910	458.873	471.028	480.888	489.515
82.5	362.950	381.608	399.500	416.543	432.608	447.483	461.125	473.323	483.778	492.533
85.0	361.293	380.290	398.650	415.990	432.395	447.610	461.508	474.088	485.053	494.148
87.5	359.125	378.463	397.163	414.120	430.865	446.335	460.573	473.365	484.585	494.063
90.0	354.535	374.043	392.998	410.848	427.848	443.573	458.065	471.028	482.588	492.490
92.5	359.125	378.463	397.163	414.120	430.865	446.335	460.573	473.365	484.585	494.063
95.0	361.293	380.290	398.608	415.990	432.395	447.610	461.508	474.088	485.053	494.148
97.5	362.950	381.608	399.500	416.543	432.608	447.483	461.125	473.323	483.778	492.533
100.0	363.588	381.820	399.330	415.948	431.630	445.910	458.873	471.028	480.888	489.515
102.5	363.290	381.098	397.970	413.865	428.740	442.468	455.090	466.523	476.723	485.520
105.0	362.015	379.058	395.293	410.550	424.830	438.175	450.458	461.465	471.410	480.250
107.5	360.103	376.423	391.935	406.640	420.325	433.075	444.805	455.558	465.205	473.790
110.0	357.723	373.788	388.025	402.093	415.225	427.380	438.558	448.758	458.150	466.438
112.5	355.003	369.708	383.818	397.120	409.700	421.175	431.715	441.448	450.288	458.320
115.0	352.113	365.968	379.355	391.978	403.708	414.673	424.703	433.840	442.213	449.735
117.5	349.053	362.228	374.723	386.623	397.758	408.085	417.648	426.318	434.180	441.193
120.0	345.908	358.275	370.048	381.268	391.850	401.710	410.720	419.050	426.488	432.225
122.5	342.593	354.280	365.415	376.040	386.070	395.463	404.473	412.080	419.008	423.598
125.0	339.278	350.328	360.910	370.983	380.460	389.428	397.758	405.408	410.890	415.268
127.5	336.048	346.503	356.533	366.095	375.105	383.605	391.595	398.140	402.900	407.065
130.0	332.860	342.805	352.325	361.378	370.005	378.123	385.475	390.448	394.953	399.033
132.5	329.630	339.108	348.203	356.873	365.118	372.895	378.208	382.968	387.303	391.170
135.0	326.145	335.325	344.123	352.453	360.400	366.095	370.983	375.828	379.653	383.393
137.5	322.363	331.288	339.745	347.820	353.898	358.913	363.545	368.008	371.960	375.573
140.0	318.283	326.868	334.985	341.063	346.333	351.263	355.938	360.145	363.970	367.455
142.5	314.203	321.640	327.548	333.115	338.215	343.018	347.565	351.645	355.385	358.785
145.0	307.275	313.310	319.090	324.403	329.333	334.050	338.428	342.338	345.993	349.350
147.5	298.053	304.003	309.613	314.713	319.600	324.233	328.398	332.180	335.708	338.938

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>150.0</b>	288.108	294.185	299.030	303.960	308.805	313.268	317.220	320.875	324.275	327.420
<b>152.5</b>	277.525	282.753	287.725	292.443	296.863	301.113	304.895	308.423	311.695	314.670
<b>155.0</b>	266.220	271.023	275.655	280.033	284.198	287.980	291.550	294.823	297.883	300.603
<b>157.5</b>	254.193	258.655	262.863	266.900	270.555	274.083	277.313	280.330	283.093	285.558
<b>160.0</b>	241.613	245.650	249.475	253.045	256.403	259.505	262.438	265.115	267.580	269.748
<b>162.5</b>	228.565	232.093	235.450	238.595	241.528	244.290	246.883	249.220	251.388	253.300
<b>165.0</b>	215.135	218.110	220.958	223.635	226.185	228.565	230.775	232.773	234.558	236.173
<b>167.5</b>	201.578	204.043	206.380	208.548	210.630	212.543	214.328	215.943	217.388	218.705
<b>170.0</b>	188.275	190.145	191.973	193.630	195.203	196.690	198.008	199.240	200.345	201.323
<b>172.5</b>	175.355	176.673	177.948	179.138	180.285	181.305	182.283	183.133	183.898	184.620
<b>175.0</b>	162.903	163.710	164.518	165.240	165.963	166.600	167.195	167.705	168.173	168.598
<b>177.5</b>	151.258	151.598	151.938	152.235	152.533	152.830	153.043	153.298	153.935	153.978
<b>180.0</b>	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100	141.100

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

	<u><b>350.0</b></u>	<u><b>352.5</b></u>	<u><b>355.0</b></u>	<u><b>357.5</b></u>	<u><b>360.0</b></u>
<b>0.0</b>	141.143	141.143	141.143	141.143	141.143
<b>2.5</b>	154.020	154.063	154.105	154.148	154.190
<b>5.0</b>	169.448	169.575	169.660	169.788	169.873
<b>7.5</b>	185.215	186.150	186.320	186.490	186.660
<b>10.0</b>	202.173	203.490	203.745	204.000	204.255
<b>12.5</b>	219.810	220.788	221.935	222.318	222.658
<b>15.0</b>	237.618	238.850	240.295	240.763	241.273
<b>17.5</b>	255.000	256.445	258.188	258.825	259.420
<b>20.0</b>	271.703	273.403	275.358	276.123	276.845
<b>22.5</b>	287.768	289.723	291.975	292.868	293.760
<b>25.0</b>	303.068	305.235	307.105	308.848	309.910
<b>27.5</b>	317.305	319.643	321.768	323.553	324.785
<b>30.0</b>	330.225	332.690	334.900	336.898	338.258
<b>32.5</b>	341.870	344.505	346.800	348.968	350.455
<b>35.0</b>	352.410	355.130	357.553	359.805	361.420
<b>37.5</b>	362.015	364.735	367.200	369.538	371.195
<b>40.0</b>	370.643	373.490	376.040	378.420	380.120
<b>42.5</b>	378.845	381.778	384.370	386.793	388.493
<b>45.0</b>	386.750	389.768	392.360	394.783	396.483
<b>47.5</b>	394.613	397.630	400.265	402.645	404.260
<b>50.0</b>	402.603	405.663	408.255	410.593	412.080
<b>52.5</b>	410.720	413.865	416.458	418.795	420.155
<b>55.0</b>	419.050	422.238	424.873	427.168	428.400
<b>57.5</b>	427.593	430.950	433.628	435.923	437.028
<b>60.0</b>	436.518	440.045	442.893	445.315	446.250
<b>62.5</b>	445.910	449.735	452.753	454.878	456.110
<b>65.0</b>	455.685	459.808	462.953	465.120	466.310
<b>67.5</b>	465.333	469.710	473.025	475.193	476.340
<b>70.0</b>	473.790	479.060	482.375	484.585	485.690
<b>72.5</b>	481.653	487.433	490.748	492.958	493.978
<b>75.0</b>	487.730	493.978	498.015	500.098	500.990
<b>77.5</b>	492.873	499.163	503.838	505.750	506.558
<b>80.0</b>	496.570	502.775	507.280	509.745	510.723
<b>82.5</b>	499.588	504.518	508.938	512.210	513.188
<b>85.0</b>	501.118	506.048	508.810	512.508	513.910
<b>87.5</b>	501.543	506.983	510.085	510.000	513.018
<b>90.0</b>	500.523	506.643	510.850	513.230	511.913
<b>92.5</b>	501.543	506.983	510.085	510.000	513.018
<b>95.0</b>	501.118	506.048	508.810	512.508	513.910

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**CANDELA TABULATION - (Cont.)**

<b>97.5</b>	499.588	504.518	508.938	512.210	513.188
<b>100.0</b>	496.570	502.775	507.280	509.745	510.723
<b>102.5</b>	492.873	499.163	503.838	505.750	506.558
<b>105.0</b>	487.730	493.978	498.015	500.098	500.990
<b>107.5</b>	481.653	487.433	490.748	492.958	493.978
<b>110.0</b>	473.790	479.060	482.375	484.585	485.690
<b>112.5</b>	465.333	469.710	473.025	475.193	476.340
<b>115.0</b>	455.685	459.808	462.953	465.120	466.310
<b>117.5</b>	445.910	449.735	452.753	454.878	456.110
<b>120.0</b>	436.518	440.045	442.893	445.315	446.250
<b>122.5</b>	427.593	430.950	433.628	435.923	437.028
<b>125.0</b>	419.050	422.238	424.873	427.168	428.400
<b>127.5</b>	410.720	413.865	416.458	418.795	420.155
<b>130.0</b>	402.603	405.663	408.255	410.593	412.080
<b>132.5</b>	394.613	397.630	400.265	402.645	404.260
<b>135.0</b>	386.750	389.725	392.360	394.783	396.483
<b>137.5</b>	378.845	381.778	384.370	386.793	388.493
<b>140.0</b>	370.643	373.490	376.040	378.420	380.120
<b>142.5</b>	361.930	364.735	367.200	369.538	371.195
<b>145.0</b>	352.410	355.130	357.553	359.805	361.420
<b>147.5</b>	341.870	344.505	346.800	348.968	350.455
<b>150.0</b>	330.225	332.690	334.900	336.898	338.258
<b>152.5</b>	317.305	319.643	321.683	323.553	324.785
<b>155.0</b>	303.068	305.235	307.105	308.848	309.910
<b>157.5</b>	287.768	289.723	291.975	292.868	293.760
<b>160.0</b>	271.703	273.403	275.358	276.123	276.845
<b>162.5</b>	255.000	256.445	258.188	258.825	259.420
<b>165.0</b>	237.618	238.850	240.295	240.763	241.273
<b>167.5</b>	219.810	220.788	221.935	222.318	222.658
<b>170.0</b>	202.173	203.490	203.745	204.000	204.255
<b>172.5</b>	185.215	186.150	186.320	186.490	186.660
<b>175.0</b>	169.448	169.575	169.660	169.788	169.873
<b>177.5</b>	154.020	154.063	154.105	154.148	154.190
<b>180.0</b>	141.100	141.100	141.100	141.100	141.100

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	56.80	N.A.	2.90
0-30	131.74	N.A.	6.80
0-40	236.24	N.A.	12.20
0-60	508.09	N.A.	26.20
0-80	818.12	N.A.	42.10
0-90	971.44	N.A.	50.00
10-90	957.72	N.A.	49.30
20-40	179.44	N.A.	9.20
20-50	307.64	N.A.	15.80
40-70	424.72	N.A.	21.90
60-80	310.03	N.A.	16.00
70-80	157.16	N.A.	8.10
80-90	153.33	N.A.	7.90
90-110	310.49	N.A.	16.00
90-120	463.35	N.A.	23.80
90-130	607.00	N.A.	31.20
90-150	839.70	N.A.	43.20
90-180	971.44	N.A.	50.00
110-180	660.95	N.A.	34.00
0-180	1942.88	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	13.72
10-20	43.08
20-30	74.94
30-40	104.50
40-50	128.21
50-60	143.64
60-70	152.87
70-80	157.16
80-90	153.33
90-100	153.33
100-110	157.16
110-120	152.87
120-130	143.64
130-140	128.21
140-150	104.50
150-160	74.94
160-170	43.08
170-180	13.72

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BOLT-SM-LED35-LO-SAL.IES**

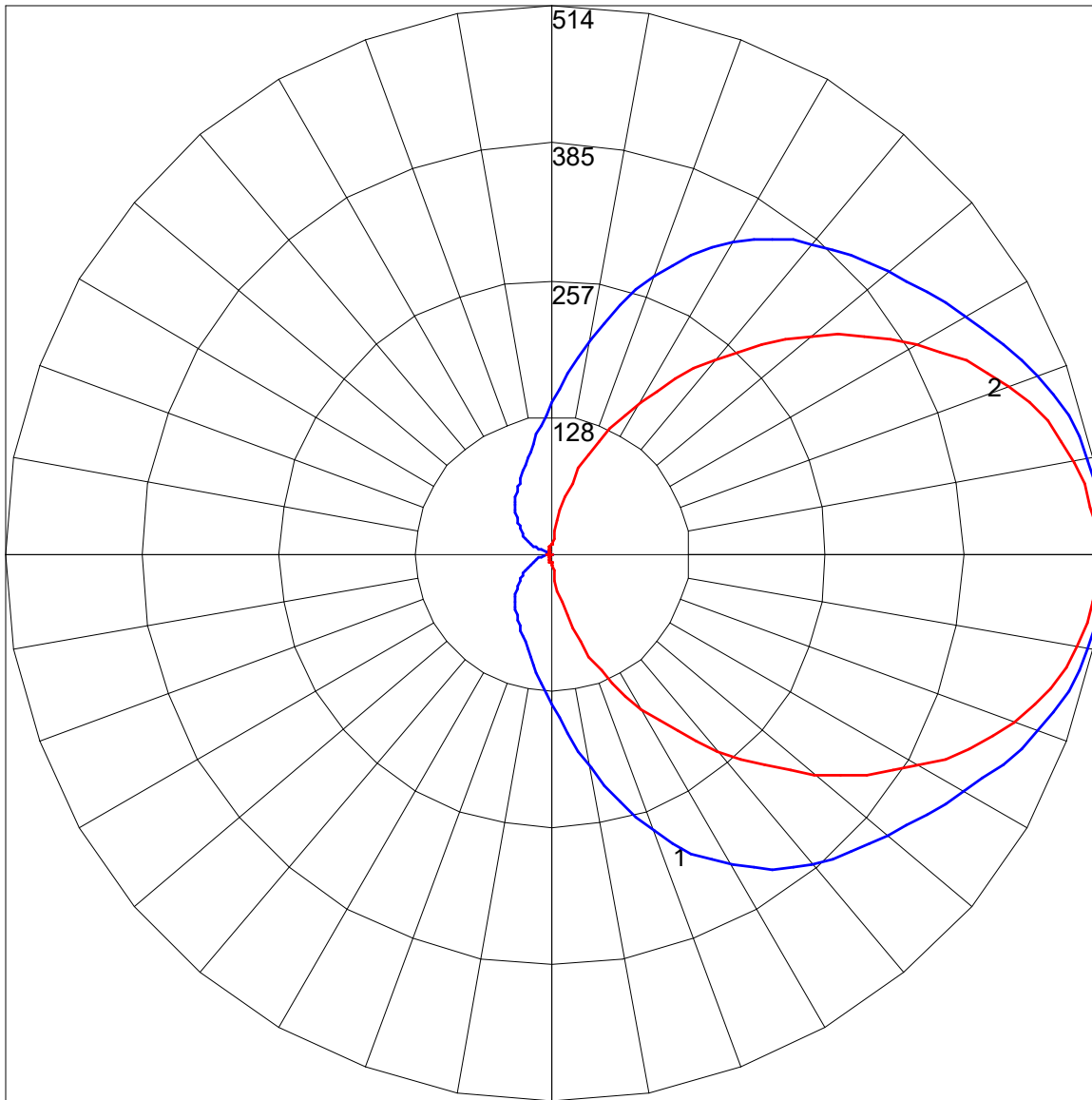
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	94	88	83	78	86	81	76	72	67	64	60	55	52	50	43	42	40	34
2	84	75	67	61	77	68	62	56	57	52	47	46	42	39	36	33	31	26
3	76	64	56	49	69	59	51	45	49	43	38	40	35	31	31	27	24	20
4	69	56	47	40	63	52	43	37	43	36	31	35	30	26	27	23	20	16
5	63	50	40	34	57	46	37	31	38	31	26	31	26	22	24	20	17	13
6	58	44	35	29	52	41	32	27	34	27	22	27	22	18	21	17	14	11
7	53	40	31	25	48	36	29	23	30	24	19	25	20	16	19	15	13	10
8	49	36	27	22	45	33	25	20	27	21	17	22	18	14	18	14	11	8
9	46	32	24	19	42	30	23	18	25	19	15	20	16	12	16	12	10	7
10	43	30	22	17	39	27	20	16	23	17	13	19	14	11	15	11	9	7



POLAR GRAPH



Maximum Candela = 513.91 Located At Horizontal Angle = 0, Vertical Angle = 85  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (85) (Through Max. Cd.)