IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLX-HB-100W-RD2-LED-TRC.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] EPLX-HB-100W-RD2-LED-TRC
[LUMINAIRE] CLASS 1 DIVISION 1 LED FIXTURE, CAST ALUMINUM HOUSING, STAINLESS CABLE GLAND
[OTHER] 220V, 0.455A, 100W
[MORE]POSITION.

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	3637.673
Maximum Candela Angle	0H 3V
Horizontal Beam Angle (50%)	108.0
Vertical Beam Angle (50%)	109.7
Horizontal Field Angle (10%)	143.0
Vertical Field Angle (10%)	144.4
Lumens Per Lamp	8500 (1 lamp)
Total Lamp Lumens	8500
Beam Lumens	7283
Beam Efficiency	86 %
Field Lumens	8923
Field Efficiency	105 %
Spill Lumens	183
Luminaire Lumens	9106
Total Efficiency	107 %
Total Luminaire Watts	100
Ballast Factor	1.00

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLX-HB-100W-RD2-LED-TRC.IES

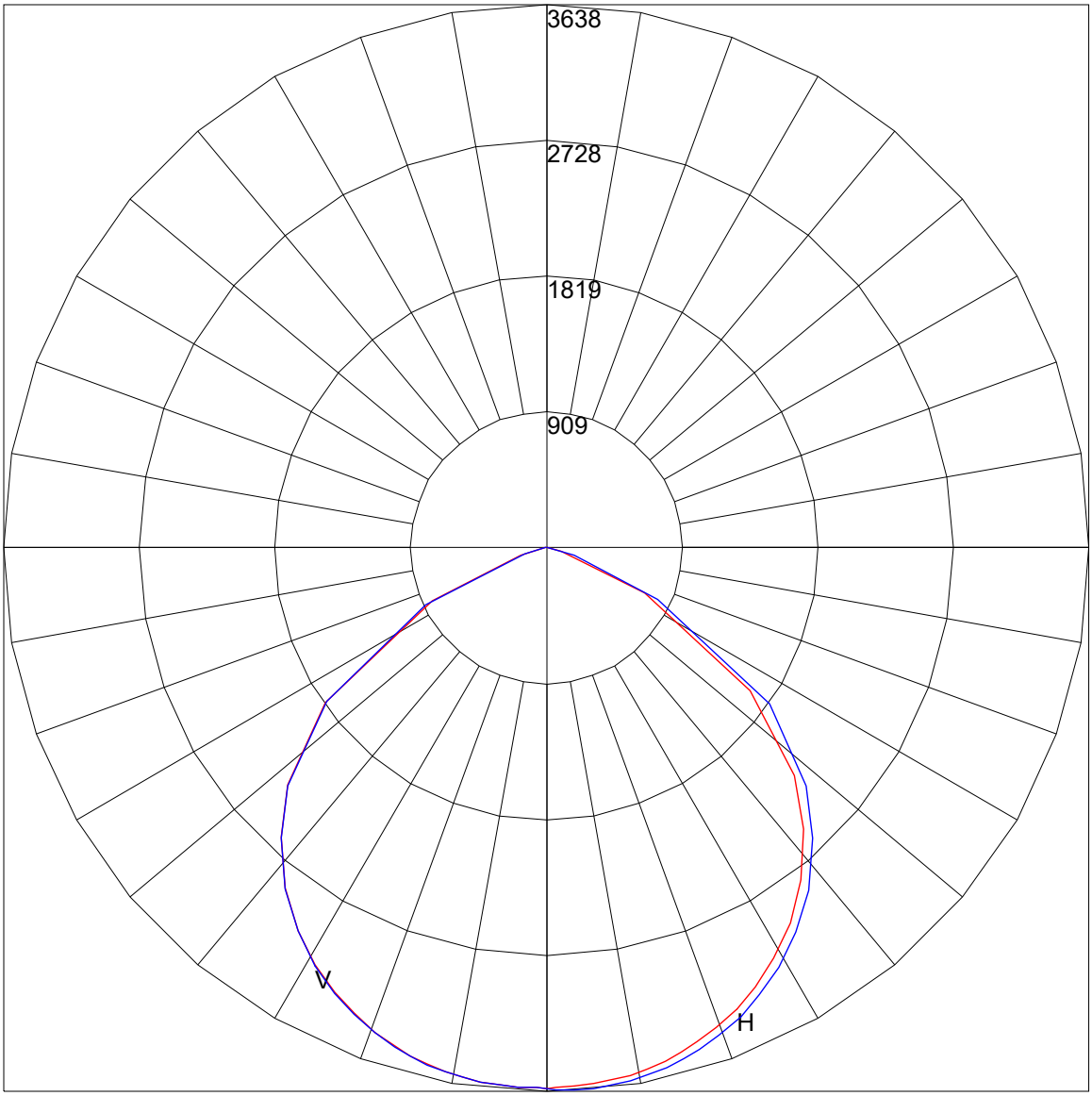
AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.866	90	1.936
85	3.341	85	6.921
75	103.312	75	193.617
65	723.595	65	817.317
55	1665.089	55	1820.853
47.5	2253	47.5	2361.823
42.5	2548.276	42.5	2642.477
37.5	2803.513	37.5	2886.202
33	2997.098	33	3070.435
29	3143.053	29	3211.499
25.5	3255.588	25.5	3318.732
22.5	3338.288	22.5	3395.927
19.5	3407.715	19.5	3459.991
17	3458.117	17	3508.389
15	3494.47	15	3542.918
13	3525.641	13	3570.32
11	3553.098	11	3593.365
9	3574.366	9	3611.564
7	3589.933	7	3624.945
5	3603.248	5	3634.063
3	3609.691	3	3637.673
1	3614.381	1	3625.29
0	3616.434	0	3616.434
-1	3615.491	-1	3615.415
-3	3613.305	-3	3613.41
-5	3610.221	-5	3611.505
-7	3600.735	-7	3601.984
-9	3586.733	-9	3589.648
-11	3568.753	-11	3573.144
-13	3546.84	-13	3551.732
-15	3520.539	-15	3525.278
-17	3486.805	-17	3491.244
-19.5	3438.423	-19.5	3443.501
-22.5	3374.423	-22.5	3378.936
-25.5	3298.79	-25.5	3304.075
-29	3194.955	-29	3200.295
-33	3055.122	-33	3061.809
-37.5	2873.115	-37.5	2879.968
-42.5	2630.021	-42.5	2635.759
-47.5	2347.77	-47.5	2355.08
-55	1808.324	-55	1794.289
-65	843.857	-65	894.471
-75	176.101	-75	146.457
-85	6.453	-85	5.864
-90	1.794	-90	1.695

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLX-HB-100W-RD2-LED-TRC.IES

AXIAL CANDELA DISPLAY

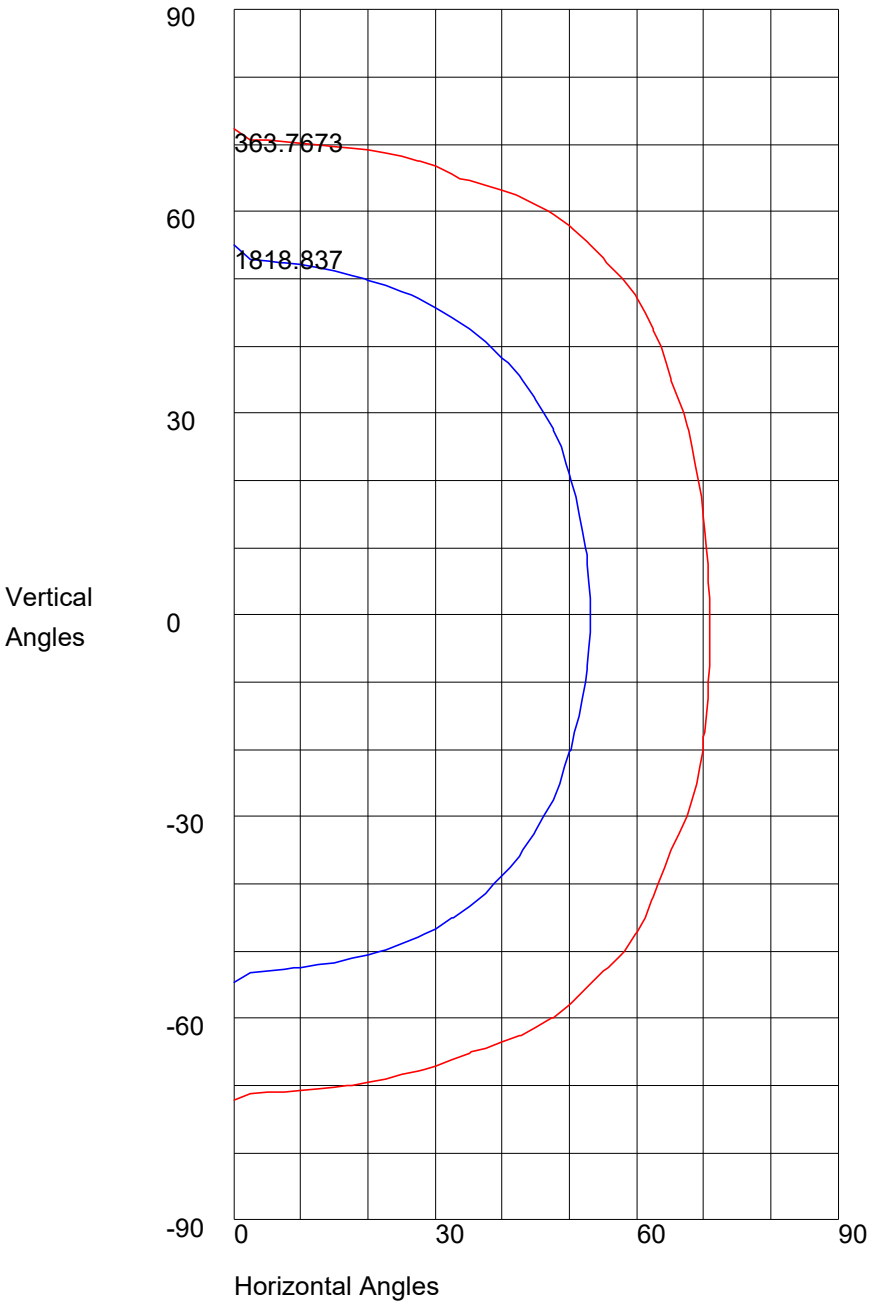


Maximum Candela = 3637.673 Located At Horizontal Angle = 0, Vertical Angle = 3
H - Horizontal Axial Candela
V - Vertical Axial Candela

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLX-HB-100W-RD2-LED-TRC.IES

ISOCANDELA CURVES



Maximum Candela = 3637.673 Located At Horizontal Angle = 0, Vertical Angle = 3
50% Maximum Candela = 1818.8365
10% Maximum Candela = 363.7673

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : EPLX-HB-100W-RD2-LED-TRC.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[MANUFAC] LARSON ELECTRONICS LLC
[LUMCAT] EPLX-HB-100W-RD2-LED-TRC
[LUMINAIRE] CLASS 1 DIVISION 1 LED FIXTURE, CAST ALUMINUM HOUSING, STAINLESS CABLE GLAND
[OTHER] 220V, 0.455A, 100W
[MORE]POSITION.

CHARACTERISTICS

Lumens Per Lamp	8500 (1 lamp)
Total Lamp Lumens	8500
Luminaire Lumens	9084
Total Luminaire Efficiency	107 %
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	100
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.23 m
Luminous Width (90-270)	0.23 m
Luminous Height	0.19 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	35808	29965	35631
55	26910	21467	26725
65	12922	10889	13342
75	3402	1939	3094
85	142	79	132

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : EPLX-HB-100W-RD2-LED-TRC.IES

CANDELA TABULATION

	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0	22.5
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3638.575	3636.792	3635.910	3635.960	3635.092	3632.776	3630.006	3629.744	3626.535	3626.106
5.0	3634.063	3632.306	3631.980	3631.365	3630.182	3630.017	3628.093	3626.534	3620.125	3621.031
7.5	3622.666	3622.087	3621.146	3617.290	3616.302	3615.639	3615.573	3614.943	3612.529	3609.428
10.0	3604.162	3602.973	3601.744	3597.562	3597.537	3595.696	3594.263	3591.959	3591.828	3589.188
12.5	3577.170	3575.854	3572.191	3571.921	3571.944	3569.120	3566.167	3565.694	3564.741	3564.209
15.0	3542.918	3539.103	3537.932	3539.698	3537.355	3535.135	3533.264	3530.490	3528.581	3529.197
17.5	3499.757	3498.025	3498.119	3496.456	3492.549	3494.206	3492.931	3491.527	3487.387	3485.560
20.0	3450.050	3450.913	3449.685	3447.181	3444.686	3444.116	3443.265	3443.604	3440.219	3437.907
22.5	3395.927	3393.956	3393.532	3390.207	3387.956	3387.500	3386.163	3385.794	3384.125	3383.100
25.0	3333.406	3330.726	3327.791	3326.314	3326.960	3323.142	3321.704	3321.529	3319.819	3317.384
27.5	3260.035	3258.807	3255.904	3256.241	3254.556	3253.195	3251.188	3249.919	3247.062	3247.156
30.0	3179.142	3178.141	3177.178	3176.230	3173.286	3173.895	3172.180	3172.737	3166.905	3166.885
32.5	3089.594	3089.768	3088.861	3085.067	3084.649	3083.715	3082.559	3082.964	3079.256	3076.038
35.0	2993.800	2993.225	2990.767	2988.846	2986.287	2983.853	2984.271	2983.471	2981.470	2980.420
37.5	2886.202	2884.711	2882.299	2880.320	2880.211	2877.616	2875.202	2872.966	2872.573	2873.505
40.0	2769.526	2766.491	2765.022	2764.855	2763.297	2762.253	2758.581	2758.170	2755.493	2754.967
42.5	2642.477	2640.373	2639.784	2639.310	2635.910	2634.881	2633.518	2631.282	2628.051	2626.867
45.0	2507.285	2506.214	2504.717	2502.639	2500.672	2499.029	2497.413	2497.489	2494.609	2491.080
47.5	2361.823	2360.689	2359.182	2356.813	2354.648	2352.774	2350.269	2349.484	2347.748	2346.664
50.0	2204.584	2203.158	2201.085	2199.621	2198.549	2194.131	2190.018	2186.319	2182.206	2179.378
52.5	2027.513	2026.384	2025.267	2024.428	2018.720	2015.147	2008.975	2003.211	1996.767	1993.645
55.0	1820.853	1820.200	1819.502	1818.024	1815.064	1813.290	1809.655	1804.655	1795.759	1791.255
57.5	1590.818	1590.252	1589.162	1586.956	1584.903	1583.519	1581.390	1579.551	1575.306	1571.427
60.0	1340.914	1339.847	1339.182	1336.280	1333.032	1330.205	1327.935	1326.338	1325.263	1324.506
62.5	1077.242	1076.845	1074.814	1071.487	1069.151	1065.918	1064.968	1065.421	1066.214	1069.118
65.0	817.317	815.831	814.097	810.544	805.628	802.175	801.132	801.506	803.300	807.291
67.5	598.057	594.533	593.404	592.714	591.981	590.562	588.730	586.467	584.903	585.567
70.0	437.278	436.089	434.974	432.815	430.743	428.447	426.636	424.645	423.690	423.368
72.5	302.335	301.491	300.591	299.899	299.046	297.577	295.965	293.992	289.947	285.142
75.0	193.617	193.564	193.111	192.340	191.053	188.212	184.193	179.158	173.066	166.154
77.5	101.711	103.880	103.624	101.272	97.747	93.816	90.377	87.688	85.195	83.384
80.0	39.452	39.769	40.148	40.412	40.632	39.890	38.263	36.604	35.557	35.099
82.5	15.066	14.851	15.434	16.181	16.598	16.367	15.680	15.049	14.514	14.169
85.0	6.921	6.885	6.979	7.035	7.025	6.854	6.585	6.230	5.997	5.720
87.5	3.948	3.959	3.978	3.981	3.956	3.910	3.822	3.673	3.547	3.378
90.0	1.928	1.942	1.963	1.964	1.956	1.948	1.929	1.916	1.880	1.863

Vert. Angles **Horizontal Angles**

	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3626.798	3623.231	3623.035	3620.363	3620.054	3618.790	3618.924	3618.292	3619.321	3620.049
5.0	3621.333	3620.644	3619.843	3618.855	3617.671	3616.576	3613.921	3614.589	3613.013	3614.276
7.5	3607.084	3607.456	3607.006	3606.840	3606.542	3605.364	3604.519	3602.730	3603.042	3601.753
10.0	3589.041	3586.044	3587.583	3584.890	3586.253	3586.364	3585.443	3585.438	3584.237	3582.604
12.5	3562.369	3560.697	3559.078	3558.752	3557.731	3557.929	3558.579	3559.131	3558.165	3557.076
15.0	3527.997	3527.583	3526.812	3523.943	3524.553	3523.336	3523.243	3522.906	3523.790	3523.132
17.5	3487.940	3484.852	3486.054	3483.036	3484.456	3481.594	3481.089	3480.340	3479.577	3480.375
20.0	3436.339	3435.049	3436.073	3435.732	3435.049	3435.173	3433.561	3432.105	3432.150	3431.034
22.5	3379.203	3379.000	3377.566	3376.871	3378.382	3377.957	3377.965	3376.745	3376.403	3375.083
25.0	3317.337	3315.884	3316.166	3314.471	3314.649	3314.089	3314.499	3314.450	3312.193	3312.684
27.5	3246.823	3245.413	3244.149	3244.030	3242.047	3243.178	3240.863	3241.703	3243.045	3242.594
30.0	3166.113	3166.331	3165.555	3165.113	3164.523	3161.828	3162.021	3161.588	3161.760	3161.645

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

32.5	3076.034	3075.852	3075.505	3075.385	3076.412	3074.406	3073.818	3073.040	3072.231	3072.482
35.0	2977.304	2977.404	2977.329	2976.098	2975.612	2977.196	2975.732	2975.818	2975.563	2973.295
37.5	2870.730	2869.287	2869.193	2868.180	2867.714	2868.399	2869.222	2867.548	2868.761	2867.781
40.0	2755.159	2753.287	2752.460	2749.854	2749.981	2748.826	2748.583	2748.793	2750.392	2749.964
42.5	2626.722	2625.952	2626.325	2624.450	2624.582	2622.995	2621.928	2622.165	2621.325	2622.675
45.0	2490.167	2488.850	2489.137	2488.369	2487.429	2487.216	2486.508	2484.659	2486.473	2486.782
47.5	2343.465	2342.123	2341.012	2339.341	2338.948	2338.678	2338.912	2337.950	2338.656	2338.320
50.0	2176.142	2173.491	2171.211	2169.471	2167.966	2166.795	2167.159	2168.306	2167.941	2169.664
52.5	1989.441	1986.948	1983.855	1982.025	1979.717	1978.999	1978.056	1978.345	1980.614	1981.569
55.0	1787.267	1783.662	1780.062	1777.594	1775.513	1773.833	1773.219	1773.817	1774.825	1778.179
57.5	1566.524	1563.206	1560.315	1557.743	1555.864	1554.464	1553.820	1554.149	1554.837	1557.554
60.0	1323.795	1324.797	1324.578	1325.487	1327.080	1327.320	1326.479	1326.300	1326.894	1326.192
62.5	1071.326	1074.129	1078.210	1082.786	1088.382	1094.182	1099.108	1099.865	1095.566	1089.788
65.0	813.526	822.089	832.427	843.597	854.415	863.937	869.396	871.302	869.597	863.011
67.5	590.050	600.380	614.413	628.766	641.451	651.418	658.630	661.937	661.189	657.452
70.0	422.713	422.034	421.462	426.240	432.959	440.349	447.704	453.953	457.160	457.210
72.5	279.536	273.729	269.448	265.153	261.006	258.684	259.677	263.604	269.383	276.502
75.0	158.833	152.009	147.141	144.819	143.689	143.203	143.223	143.739	144.652	145.915
77.5	81.332	79.608	78.211	77.142	76.164	75.403	74.850	74.412	74.188	74.268
80.0	35.203	35.656	36.355	36.854	37.071	36.865	36.669	36.499	36.355	36.219
82.5	14.089	14.486	15.211	15.934	16.629	17.039	17.137	17.036	16.668	16.201
85.0	5.516	5.388	5.358	5.340	5.326	5.294	5.269	5.286	5.330	5.404
87.5	3.204	3.040	2.898	2.773	2.686	2.639	2.615	2.631	2.673	2.742
90.0	1.841	1.822	1.807	1.796	1.784	1.775	1.763	1.763	1.767	1.765

Vert. Angles	**Horizontal Angles**									
	50.0	**52.5**	**55.0**	**57.5**	**60.0**	**62.5**	**65.0**	**67.5**	**70.0**	**72.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3618.172	3616.798	3617.572	3615.905	3613.991	3616.072	3617.516	3616.481	3615.494	3613.350
5.0	3615.149	3613.378	3613.953	3611.670	3611.805	3610.448	3611.999	3612.758	3612.082	3612.148
7.5	3601.159	3604.229	3601.147	3602.076	3599.106	3601.057	3599.004	3599.416	3600.885	3600.618
10.0	3582.482	3581.835	3581.813	3583.131	3583.364	3582.225	3581.415	3580.557	3579.834	3579.627
12.5	3555.533	3554.140	3555.664	3555.983	3555.561	3555.455	3555.118	3553.785	3553.310	3552.486
15.0	3522.774	3523.034	3523.625	3520.104	3520.597	3520.557	3521.349	3522.099	3521.052	3518.507
17.5	3482.053	3481.269	3479.354	3478.964	3479.070	3478.421	3478.679	3478.681	3481.106	3479.376
20.0	3432.344	3431.839	3429.987	3431.880	3429.332	3429.738	3429.549	3428.489	3431.615	3431.689
22.5	3374.233	3374.557	3373.781	3376.684	3374.768	3374.306	3372.503	3373.508	3372.344	3374.573
25.0	3311.546	3311.741	3312.212	3312.084	3312.110	3312.472	3312.394	3311.637	3311.323	3309.805
27.5	3242.216	3240.186	3242.382	3238.851	3239.559	3240.571	3241.458	3241.966	3240.464	3239.948
30.0	3163.042	3162.312	3159.891	3161.310	3159.207	3160.911	3161.143	3162.249	3162.429	3164.051
32.5	3072.228	3073.011	3072.687	3073.151	3072.091	3072.276	3072.417	3072.537	3074.072	3073.076
35.0	2974.879	2972.713	2973.144	2974.519	2976.492	2975.427	2975.486	2975.631	2975.796	2975.458
37.5	2866.171	2866.218	2867.792	2867.760	2867.965	2869.699	2869.751	2870.158	2869.293	2870.138
40.0	2749.658	2749.995	2751.736	2750.277	2750.155	2751.620	2753.704	2754.225	2754.329	2753.215
42.5	2623.638	2624.096	2624.610	2623.659	2624.926	2625.297	2626.560	2628.052	2629.106	2629.535
45.0	2486.625	2489.079	2488.173	2491.075	2490.096	2492.021	2491.657	2492.962	2494.075	2495.355
47.5	2339.991	2340.509	2342.232	2343.988	2345.375	2345.571	2345.737	2346.211	2347.144	2348.385
50.0	2171.113	2172.654	2176.399	2178.706	2182.537	2185.248	2187.654	2188.678	2189.435	2189.999
52.5	1984.393	1985.870	1990.092	1992.568	1996.128	2001.860	2003.756	2008.460	2011.621	2013.854
55.0	1780.689	1783.546	1785.476	1788.676	1790.557	1793.482	1796.187	1798.546	1801.412	1803.505
57.5	1559.885	1561.843	1560.929	1560.959	1559.551	1560.222	1560.182	1561.374	1562.364	1564.043
60.0	1323.125	1318.999	1315.024	1311.876	1308.401	1306.542	1303.806	1304.600	1304.556	1306.467
62.5	1081.931	1073.387	1065.778	1056.181	1048.743	1042.895	1039.073	1037.281	1038.034	1040.256
65.0	852.097	839.482	825.445	812.598	800.533	790.161	782.597	779.647	780.193	783.981
67.5	649.954	638.073	623.704	609.745	597.119	587.776	584.661	583.417	583.207	582.841

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

70.0	454.428	449.118	443.099	437.165	433.081	429.596	427.096	426.239	426.277	426.986
72.5	282.616	288.225	291.666	293.654	295.319	295.893	295.759	295.973	296.017	296.475
75.0	147.968	152.408	158.805	165.807	172.302	178.118	182.288	185.111	186.451	186.634
77.5	74.818	75.796	77.274	79.157	81.567	84.099	85.789	89.412	93.602	97.455
80.0	35.742	35.001	34.007	33.043	32.472	32.083	32.140	32.946	34.211	35.710
82.5	15.753	15.308	14.922	14.691	14.673	14.821	15.041	15.351	15.725	16.018
85.0	5.480	5.554	5.649	5.788	5.968	6.179	6.396	6.607	6.770	6.880
87.5	2.849	2.986	3.146	3.316	3.485	3.631	3.744	3.821	3.851	3.841
90.0	1.770	1.786	1.804	1.818	1.830	1.845	1.851	1.850	1.844	1.831

Vert. Angles	**Horizontal Angles**									
	75.0	**77.5**	**80.0**	**82.5**	**85.0**	**87.5**	**90.0**	**92.5**	**95.0**	**97.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3613.651	3614.265	3613.176	3612.255	3613.339	3614.105	3614.076	3613.600	3612.220	3611.679
5.0	3611.884	3610.258	3610.148	3609.392	3608.904	3610.338	3610.221	3611.566	3611.049	3610.611
7.5	3600.905	3601.475	3600.182	3598.826	3598.545	3598.328	3598.363	3597.754	3600.727	3598.728
10.0	3579.601	3579.889	3580.994	3581.672	3581.262	3580.006	3578.979	3578.677	3579.260	3580.312
12.5	3553.461	3553.015	3554.094	3554.802	3555.348	3555.720	3553.415	3552.370	3552.878	3552.250
15.0	3519.059	3519.506	3519.035	3519.089	3519.790	3520.157	3520.539	3520.280	3517.683	3518.102
17.5	3480.219	3478.173	3477.475	3477.898	3477.621	3477.531	3478.372	3479.543	3479.543	3478.803
20.0	3430.419	3432.382	3430.741	3431.023	3429.707	3429.668	3428.436	3430.698	3431.612	3431.262
22.5	3372.590	3375.177	3376.915	3376.249	3375.936	3375.105	3374.423	3373.688	3374.185	3374.442
25.0	3310.761	3312.022	3312.514	3313.624	3313.328	3313.143	3312.846	3310.944	3311.302	3312.067
27.5	3239.635	3241.282	3239.850	3241.030	3241.026	3242.695	3242.564	3243.800	3240.622	3241.146
30.0	3163.324	3163.394	3162.882	3161.772	3162.042	3162.407	3163.215	3163.963	3165.259	3164.431
32.5	3074.973	3075.090	3077.078	3074.704	3073.550	3074.480	3074.432	3075.141	3076.664	3076.903
35.0	2976.830	2978.559	2978.838	2979.445	2978.753	2978.237	2977.883	2978.554	2977.731	2979.535
37.5	2870.658	2870.879	2872.556	2871.849	2872.805	2872.604	2873.115	2870.204	2871.817	2870.129
40.0	2755.209	2754.913	2755.332	2755.191	2756.512	2757.436	2757.867	2755.799	2755.697	2754.878
42.5	2630.281	2629.977	2629.147	2629.666	2629.099	2630.185	2630.021	2631.134	2629.896	2629.764
45.0	2495.786	2496.255	2496.303	2495.623	2496.104	2494.726	2494.870	2495.786	2496.123	2493.955
47.5	2348.451	2349.679	2350.171	2350.690	2350.516	2350.150	2347.770	2348.070	2347.510	2347.921
50.0	2189.464	2190.667	2191.059	2192.569	2192.341	2191.658	2189.160	2187.820	2184.490	2183.172
52.5	2016.080	2017.429	2017.071	2015.802	2014.242	2011.172	2009.614	2006.257	2002.907	1999.973
55.0	1805.729	1807.676	1809.745	1812.162	1813.147	1811.850	1808.324	1806.438	1802.750	1799.748
57.5	1565.695	1569.715	1573.039	1576.573	1580.844	1585.388	1586.534	1586.567	1584.816	1582.459
60.0	1309.671	1314.641	1320.732	1326.468	1332.632	1338.469	1342.932	1345.237	1347.427	1349.117
62.5	1045.930	1053.847	1062.825	1072.002	1080.996	1088.350	1094.821	1099.310	1103.007	1107.028
65.0	790.650	799.050	807.680	816.848	826.317	834.276	843.857	852.334	859.528	866.899
67.5	584.110	586.708	590.637	596.187	603.366	611.046	619.602	628.953	639.552	650.116
70.0	427.620	429.029	430.384	431.583	432.846	433.987	434.977	437.027	441.212	446.122
72.5	296.424	296.078	295.888	295.722	295.521	295.397	295.419	293.801	291.322	287.385
75.0	186.642	186.556	186.093	185.583	183.697	180.525	176.101	170.561	164.115	157.277
77.5	99.701	99.411	97.254	94.301	91.031	88.251	85.796	83.905	81.209	78.782
80.0	37.395	38.291	38.743	39.056	39.265	39.367	39.317	39.015	38.446	37.840
82.5	15.844	15.210	14.482	13.847	14.109	14.879	15.493	15.860	15.778	15.318
85.0	6.856	6.708	6.535	6.355	6.361	6.432	6.453	6.400	6.239	5.992
87.5	3.805	3.731	3.647	3.564	3.497	3.433	3.374	3.290	3.195	3.096
90.0	1.823	1.818	1.811	1.810	1.801	1.796	1.788	1.784	1.776	1.760

Vert. Angles	**Horizontal Angles**									
	100.0	**102.5**	**105.0**	**107.5**	**110.0**	**112.5**	**115.0**	**117.5**	**120.0**	**122.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3611.268	3611.723	3612.164	3613.228	3613.226	3612.083	3613.196	3612.101	3611.946	3611.406

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

5.0	3608.508	3608.498	3608.762	3609.881	3609.043	3610.174	3609.222	3610.234	3608.964	3610.445
7.5	3600.509	3598.207	3597.639	3597.475	3597.694	3596.324	3596.997	3597.813	3599.953	3598.941
10.0	3580.105	3581.540	3580.806	3578.760	3580.118	3579.064	3579.368	3578.493	3579.280	3580.050
12.5	3551.979	3554.695	3554.488	3554.535	3554.814	3554.141	3553.100	3554.334	3552.783	3554.160
15.0	3519.493	3517.561	3519.799	3520.814	3520.059	3520.163	3520.149	3520.792	3520.745	3518.376
17.5	3477.788	3478.439	3476.586	3478.610	3477.704	3479.017	3480.079	3479.937	3481.661	3480.361
20.0	3430.971	3430.148	3428.422	3429.328	3429.804	3428.852	3431.246	3430.520	3431.107	3432.566
22.5	3375.188	3375.691	3376.650	3374.715	3375.302	3375.718	3374.480	3375.893	3375.009	3374.954
25.0	3311.457	3313.447	3312.718	3314.633	3313.850	3313.929	3312.649	3311.782	3313.618	3312.021
27.5	3241.458	3241.696	3243.090	3244.525	3244.382	3243.116	3244.433	3243.528	3243.078	3241.775
30.0	3162.960	3162.562	3163.238	3162.807	3163.653	3163.581	3163.560	3165.513	3164.443	3165.701
32.5	3076.336	3075.448	3074.998	3076.525	3075.951	3075.843	3075.398	3076.178	3077.628	3077.538
35.0	2979.589	2980.191	2979.578	2977.786	2979.560	2978.675	2978.811	2978.495	2979.558	2980.274
37.5	2872.422	2872.832	2872.995	2872.866	2873.446	2872.926	2873.251	2872.212	2872.716	2872.530
40.0	2754.252	2754.962	2755.642	2757.002	2756.280	2756.455	2756.361	2756.932	2756.417	2756.473
42.5	2629.251	2628.468	2628.392	2628.360	2627.953	2627.783	2628.847	2629.995	2631.173	2631.298
45.0	2495.838	2493.400	2492.656	2492.396	2491.907	2492.338	2492.105	2493.756	2494.680	2495.352
47.5	2347.197	2348.028	2345.980	2344.724	2344.343	2344.288	2344.914	2345.506	2346.172	2347.044
50.0	2181.233	2181.907	2180.307	2179.623	2179.851	2178.909	2179.313	2180.190	2181.227	2182.379
52.5	1998.256	1995.448	1994.785	1993.901	1992.826	1993.360	1993.830	1994.934	1996.389	1998.324
55.0	1796.081	1793.613	1791.684	1790.064	1788.651	1790.059	1790.933	1792.739	1795.055	1797.759
57.5	1579.159	1575.897	1573.129	1571.459	1570.841	1570.786	1572.531	1573.914	1577.383	1581.419
60.0	1350.473	1347.780	1346.440	1344.371	1343.353	1343.162	1344.126	1346.072	1348.455	1352.450
62.5	1111.208	1115.021	1117.289	1118.970	1118.044	1117.764	1118.250	1117.942	1116.583	1114.613
65.0	874.606	880.982	887.788	893.156	898.319	899.577	897.817	891.885	885.857	879.125
67.5	658.344	665.808	671.879	675.311	676.741	676.904	675.301	672.708	669.023	665.523
70.0	448.379	448.167	446.932	445.191	443.057	441.317	440.168	440.350	442.615	445.249
72.5	282.215	276.221	269.991	263.498	256.577	250.484	245.848	245.089	252.835	263.607
75.0	150.711	145.955	143.337	141.278	139.218	137.444	136.563	137.667	140.126	144.052
77.5	76.598	75.056	74.019	73.504	73.544	73.648	73.739	74.017	74.647	75.876
80.0	37.317	36.786	36.460	36.311	36.302	36.450	36.712	37.054	37.396	37.842
82.5	14.753	14.388	14.234	14.710	15.487	16.252	16.861	17.083	16.977	16.890
85.0	5.746	5.538	5.430	5.389	5.442	5.558	5.712	5.856	5.975	6.094
87.5	2.994	2.893	2.803	2.718	2.655	2.623	2.624	2.661	2.737	2.856
90.0	1.751	1.732	1.719	1.711	1.704	1.694	1.687	1.690	1.701	1.714

Vert. Angles	**Horizontal Angles**									
	125.0	**127.5**	**130.0**	**132.5**	**135.0**	**137.5**	**140.0**	**142.5**	**145.0**	**147.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3611.263	3612.428	3612.696	3614.610	3613.643	3613.665	3611.581	3611.631	3611.813	3612.384
5.0	3607.607	3609.768	3608.473	3608.893	3611.180	3610.829	3611.224	3610.702	3609.498	3609.800
7.5	3598.890	3597.911	3597.840	3597.668	3598.234	3598.961	3601.258	3600.047	3600.291	3600.158
10.0	3581.780	3580.283	3581.915	3579.456	3579.677	3577.532	3579.724	3580.988	3582.073	3583.193
12.5	3554.275	3555.863	3555.039	3554.803	3554.845	3553.511	3554.579	3554.372	3554.404	3556.184
15.0	3519.533	3519.804	3520.819	3521.923	3522.550	3521.788	3522.207	3520.719	3521.909	3519.884
17.5	3478.483	3478.588	3477.952	3479.921	3480.787	3479.924	3482.504	3481.348	3479.941	3480.704
20.0	3431.097	3430.421	3430.835	3430.156	3431.178	3432.878	3432.900	3434.313	3434.475	3432.479
22.5	3376.681	3376.656	3375.751	3375.752	3375.362	3376.198	3375.260	3377.379	3377.198	3378.177
25.0	3313.199	3314.581	3314.392	3314.389	3313.582	3312.787	3314.025	3312.794	3313.480	3314.706
27.5	3241.439	3242.193	3243.669	3244.493	3244.958	3245.190	3243.347	3242.779	3243.268	3243.912
30.0	3163.271	3164.371	3163.992	3164.813	3165.423	3167.258	3166.347	3166.391	3164.370	3164.935
32.5	3077.055	3076.964	3076.217	3077.394	3075.719	3077.301	3079.428	3077.993	3080.239	3079.297
35.0	2979.942	2982.178	2980.788	2979.194	2980.770	2980.152	2980.588	2982.301	2981.729	2983.190
37.5	2874.624	2874.342	2875.766	2875.625	2874.513	2873.473	2874.772	2875.779	2876.005	2876.870
40.0	2756.854	2756.170	2758.240	2759.949	2759.115	2760.055	2760.113	2759.019	2760.895	2760.650

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

42.5	2630.614	2631.722	2631.563	2632.607	2634.172	2635.157	2636.598	2636.507	2637.067	2636.111
45.0	2496.348	2495.308	2497.085	2498.013	2498.879	2499.915	2501.335	2502.252	2502.470	2502.802
47.5	2349.520	2349.720	2351.390	2350.702	2351.711	2353.131	2354.655	2355.996	2356.261	2357.171
50.0	2184.516	2188.590	2189.612	2193.497	2194.887	2195.420	2197.121	2197.711	2197.795	2198.564
52.5	2000.950	2003.898	2007.126	2011.316	2015.445	2019.446	2022.996	2025.622	2027.924	2029.796
55.0	1799.555	1803.905	1807.850	1812.645	1817.736	1823.201	1826.316	1829.001	1829.868	1830.631
57.5	1585.526	1589.434	1593.262	1597.245	1599.291	1600.952	1602.708	1604.446	1605.488	1606.329
60.0	1355.090	1356.484	1357.283	1357.462	1358.597	1359.011	1359.243	1359.653	1359.673	1358.863
62.5	1112.538	1110.342	1107.508	1104.689	1102.571	1100.323	1099.274	1098.476	1098.891	1099.482
65.0	872.578	865.801	859.556	854.040	849.024	844.838	841.949	839.830	838.508	837.433
67.5	660.479	652.951	645.084	637.549	630.521	623.884	618.508	613.303	609.235	606.861
70.0	446.516	447.007	447.519	447.590	446.768	445.308	443.485	441.985	440.845	439.594
72.5	275.279	285.865	294.229	299.831	302.549	302.409	301.536	300.739	299.839	299.073
75.0	151.179	159.647	168.038	175.435	181.471	185.509	187.543	188.300	188.059	187.590
77.5	77.747	80.251	83.050	85.230	87.734	89.857	91.909	92.702	92.080	90.227
80.0	38.344	38.836	39.345	39.662	39.505	38.722	38.078	37.523	36.955	36.596
82.5	16.818	16.791	16.865	17.046	17.238	17.381	17.396	17.305	17.071	16.749
85.0	6.235	6.398	6.573	6.756	6.935	7.107	7.250	7.347	7.398	7.385
87.5	2.999	3.181	3.369	3.549	3.717	3.863	3.978	4.066	4.098	4.079
90.0	1.732	1.759	1.796	1.828	1.858	1.881	1.898	1.907	1.917	1.912

Vert. Angles	**Horizontal Angles**									
	150.0	**152.5**	**155.0**	**157.5**	**160.0**	**162.5**	**165.0**	**167.5**	**170.0**	**172.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3611.703	3613.385	3613.210	3614.801	3614.844	3613.505	3611.792	3611.216	3612.581	3612.739
5.0	3608.765	3609.028	3609.852	3611.546	3611.427	3612.162	3612.816	3611.542	3611.469	3609.624
7.5	3598.656	3599.910	3599.266	3598.597	3598.888	3600.456	3600.048	3601.129	3601.697	3600.899
10.0	3583.110	3580.842	3582.812	3580.604	3580.929	3581.019	3581.119	3582.076	3583.260	3584.380
12.5	3556.868	3556.722	3556.338	3555.196	3556.206	3554.465	3555.353	3555.760	3555.807	3556.966
15.0	3522.092	3522.446	3522.646	3523.121	3523.122	3522.734	3523.838	3522.261	3523.529	3522.832
17.5	3480.276	3480.867	3479.318	3481.258	3482.779	3482.757	3483.043	3482.951	3482.118	3482.663
20.0	3432.026	3432.394	3432.429	3432.343	3432.204	3433.002	3434.386	3436.069	3436.248	3435.398
22.5	3378.581	3376.817	3378.275	3377.040	3377.345	3377.638	3377.431	3378.135	3378.799	3380.483
25.0	3314.964	3315.720	3315.803	3316.792	3314.519	3315.332	3315.238	3315.276	3315.113	3317.454
27.5	3242.814	3245.338	3246.025	3246.254	3246.178	3245.785	3245.766	3246.291	3244.517	3246.029
30.0	3166.140	3166.554	3165.222	3167.741	3169.021	3168.948	3168.378	3169.792	3167.554	3167.892
32.5	3078.317	3078.332	3079.581	3079.396	3080.248	3080.925	3080.658	3080.691	3083.077	3082.740
35.0	2983.841	2983.831	2984.482	2983.338	2982.322	2982.317	2983.067	2983.774	2984.442	2985.461
37.5	2877.942	2876.925	2878.309	2878.180	2877.509	2876.898	2875.836	2875.914	2877.258	2878.365
40.0	2761.231	2761.952	2762.002	2762.639	2763.235	2761.235	2761.554	2760.128	2761.388	2761.293
42.5	2636.197	2636.229	2636.111	2636.155	2636.649	2638.205	2638.897	2637.448	2636.647	2635.084
45.0	2501.645	2501.334	2502.520	2502.156	2502.014	2502.518	2502.640	2502.451	2502.809	2502.656
47.5	2357.137	2356.825	2357.375	2356.083	2355.904	2354.799	2354.969	2355.094	2355.739	2356.414
50.0	2199.739	2199.656	2200.027	2199.363	2197.640	2197.036	2195.668	2193.061	2191.992	2191.240
52.5	2029.041	2028.344	2025.731	2023.893	2020.362	2016.736	2012.858	2009.926	2006.872	2004.832
55.0	1830.547	1830.297	1828.387	1825.618	1820.988	1816.738	1811.894	1807.437	1802.823	1799.173
57.5	1604.840	1604.465	1602.702	1601.115	1598.965	1596.550	1591.631	1585.663	1580.227	1575.816
60.0	1359.497	1358.270	1356.903	1355.024	1353.096	1351.153	1348.486	1346.774	1344.357	1340.170
62.5	1099.810	1100.542	1100.910	1100.547	1099.967	1099.531	1098.879	1098.133	1098.281	1099.403
65.0	838.121	839.183	840.442	843.519	847.151	850.795	855.159	861.100	868.662	875.388
67.5	605.701	606.616	610.241	614.739	620.942	628.177	636.792	646.253	656.647	666.866
70.0	439.075	438.694	438.067	437.625	437.775	438.292	441.364	446.708	453.241	458.833
72.5	298.450	297.338	296.874	296.558	296.585	296.612	295.102	292.520	289.170	285.139
75.0	186.921	185.747	184.699	182.649	180.152	175.684	170.360	164.591	158.213	152.445
77.5	89.262	88.001	86.617	85.652	84.755	84.875	83.997	82.102	79.993	78.366

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

80.0	36.699	37.453	38.144	38.659	39.020	39.118	38.832	38.538	38.274	38.018
82.5	16.492	16.364	16.234	16.086	15.675	14.957	14.170	13.638	13.723	14.670
85.0	7.347	7.269	7.162	7.021	6.818	6.532	6.232	5.942	5.814	5.800
87.5	4.007	3.883	3.731	3.564	3.398	3.256	3.136	3.032	2.956	2.911
90.0	1.901	1.886	1.862	1.841	1.816	1.798	1.785	1.775	1.768	1.768

Vert. Angles	**Horizontal Angles**									
	175.0	**177.5**	**180.0**	**182.5**	**185.0**	**187.5**	**190.0**	**192.5**	**195.0**	**197.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3612.896	3614.314	3613.886	3638.839	3636.870	3634.329	3632.394	3631.004	3629.899	3630.151
5.0	3608.924	3610.507	3611.505	3630.135	3628.886	3625.973	3623.131	3623.337	3622.924	3622.467
7.5	3600.756	3599.780	3599.604	3612.896	3612.443	3612.154	3608.737	3609.726	3608.084	3606.778
10.0	3583.640	3584.026	3583.010	3589.721	3587.471	3588.941	3586.500	3585.406	3584.541	3582.275
12.5	3558.819	3557.981	3558.346	3560.967	3558.404	3556.803	3556.838	3554.115	3553.591	3551.030
15.0	3522.654	3524.682	3525.278	3523.128	3521.238	3518.422	3517.155	3515.167	3514.556	3513.466
17.5	3482.351	3482.310	3482.735	3475.626	3475.316	3472.610	3471.319	3471.344	3470.683	3470.576
20.0	3434.799	3434.182	3433.693	3421.719	3421.578	3421.816	3418.699	3419.253	3417.917	3415.957
22.5	3380.391	3380.187	3378.936	3361.653	3359.952	3360.492	3360.440	3359.253	3357.362	3354.923
25.0	3316.846	3318.583	3318.156	3294.643	3292.335	3291.123	3291.815	3289.628	3286.923	3287.377
27.5	3245.142	3247.214	3247.749	3220.102	3217.554	3215.552	3213.307	3212.691	3212.852	3212.320
30.0	3168.213	3168.602	3168.659	3134.326	3134.151	3130.817	3130.361	3129.920	3130.552	3129.915
32.5	3081.590	3081.360	3080.836	3039.705	3039.417	3038.636	3037.220	3038.643	3036.492	3035.753
35.0	2985.988	2985.762	2985.703	2935.884	2934.764	2935.987	2934.711	2933.478	2933.227	2931.406
37.5	2878.706	2880.098	2879.968	2824.700	2821.433	2820.226	2821.565	2819.151	2819.678	2818.651
40.0	2761.841	2762.666	2763.726	2699.420	2699.015	2696.553	2696.695	2697.184	2697.451	2697.076
42.5	2635.324	2634.612	2635.759	2564.319	2565.367	2564.393	2564.237	2563.461	2564.846	2565.386
45.0	2501.471	2501.125	2501.205	2419.427	2420.036	2420.528	2419.182	2421.124	2420.768	2421.743
47.5	2355.912	2355.420	2355.080	2263.360	2263.686	2264.475	2264.819	2265.369	2266.701	2265.900
50.0	2191.540	2191.162	2191.530	2083.272	2082.638	2083.603	2085.581	2086.271	2089.255	2090.053
52.5	2003.069	2003.010	2003.510	1879.355	1880.523	1881.181	1883.935	1886.326	1889.908	1894.368
55.0	1795.914	1795.053	1794.289	1657.743	1659.818	1661.201	1663.843	1669.297	1673.782	1679.873
57.5	1571.086	1569.061	1569.215	1423.226	1425.259	1429.200	1433.855	1438.931	1443.624	1450.299
60.0	1337.511	1336.131	1336.389	1188.420	1191.650	1195.315	1199.745	1202.098	1202.593	1203.398
62.5	1101.631	1104.403	1106.913	967.375	970.057	970.009	968.319	966.526	962.493	958.253
65.0	881.831	888.365	894.471	766.729	768.020	766.036	760.994	753.127	745.146	736.724
67.5	677.201	684.764	689.106	554.125	555.846	554.070	551.578	547.818	542.964	535.288
70.0	464.656	469.591	473.977	341.185	342.766	344.930	346.709	349.059	350.895	353.441
72.5	281.040	276.557	274.165	181.364	181.769	182.710	185.991	191.628	198.602	203.518
75.0	148.596	147.126	146.457	94.440	94.345	94.765	95.749	97.475	98.827	99.769
77.5	77.115	76.119	75.385	46.935	46.829	46.773	46.816	46.897	47.018	47.221
80.0	37.775	37.557	37.366	23.457	22.708	22.090	21.594	21.723	21.996	22.283
82.5	15.751	16.747	17.366	7.050	6.907	6.750	6.684	6.779	7.020	7.352
85.0	5.845	5.898	5.864	3.176	3.097	3.042	3.016	3.039	3.139	3.304
87.5	2.875	2.853	2.829	1.403	1.403	1.400	1.391	1.383	1.388	1.407
90.0	1.734	1.732	1.690	0.863	0.868	0.876	0.874	0.873	0.873	0.874

Vert. Angles	**Horizontal Angles**									
	200.0	**202.5**	**205.0**	**207.5**	**210.0**	**212.5**	**215.0**	**217.5**	**220.0**	**222.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3627.482	3626.927	3623.875	3623.409	3622.058	3621.936	3621.266	3622.773	3621.611	3621.452
5.0	3619.610	3616.135	3615.820	3615.633	3615.289	3615.123	3615.408	3613.396	3612.349	3609.676
7.5	3602.012	3601.786	3601.803	3601.023	3600.592	3598.922	3597.777	3596.218	3596.139	3594.711
10.0	3579.456	3580.332	3578.320	3577.361	3576.755	3575.587	3573.786	3574.122	3572.274	3571.987
12.5	3550.259	3548.799	3548.093	3546.399	3545.320	3543.309	3544.328	3542.132	3544.155	3543.467

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

15.0	3512.946	3511.673	3508.834	3507.927	3507.601	3506.492	3507.945	3507.378	3506.049	3505.071
17.5	3466.227	3465.004	3463.557	3462.622	3461.673	3462.093	3460.441	3460.621	3459.849	3457.172
20.0	3412.353	3411.099	3413.166	3410.013	3411.681	3408.741	3409.135	3407.342	3406.129	3406.094
22.5	3351.838	3351.477	3352.019	3350.828	3349.094	3348.670	3347.259	3346.881	3346.227	3345.881
25.0	3285.115	3285.928	3283.263	3282.248	3281.760	3280.637	3280.023	3279.500	3280.890	3279.282
27.5	3210.656	3208.979	3207.208	3206.287	3207.009	3206.442	3205.377	3206.537	3204.085	3204.369
30.0	3126.018	3124.708	3123.821	3124.494	3124.181	3123.812	3123.499	3122.483	3121.291	3120.249
32.5	3033.037	3031.237	3032.103	3031.976	3032.918	3030.415	3030.003	3028.565	3028.351	3026.697
35.0	2930.747	2929.582	2930.245	2928.789	2928.612	2927.518	2926.772	2926.417	2926.144	2925.989
37.5	2818.232	2818.597	2817.209	2815.865	2817.555	2815.662	2816.658	2815.751	2816.036	2815.574
40.0	2697.867	2695.337	2694.757	2693.775	2694.186	2694.837	2695.878	2695.529	2695.916	2694.167
42.5	2565.491	2562.914	2563.029	2563.879	2564.088	2564.485	2564.507	2564.385	2563.216	2561.486
45.0	2419.754	2419.835	2421.727	2421.158	2422.539	2421.401	2421.514	2420.610	2419.723	2419.484
47.5	2265.843	2268.737	2270.048	2270.280	2269.621	2269.296	2269.102	2268.874	2268.357	2268.069
50.0	2091.564	2095.123	2096.213	2098.364	2100.851	2103.247	2104.100	2105.935	2105.259	2105.453
52.5	1896.977	1900.486	1903.562	1906.641	1910.517	1913.468	1915.380	1915.992	1915.767	1914.595
55.0	1683.713	1688.199	1691.715	1694.623	1696.339	1697.496	1697.284	1697.464	1696.087	1694.496
57.5	1452.454	1454.677	1456.256	1456.878	1456.433	1456.163	1454.357	1453.485	1452.141	1451.610
60.0	1203.419	1201.430	1200.051	1197.415	1195.453	1193.204	1191.799	1191.040	1190.524	1190.669
62.5	953.314	946.886	942.097	937.601	933.204	929.475	926.932	925.341	925.316	926.041
65.0	728.302	718.703	710.688	702.760	696.748	691.534	687.448	684.397	682.971	682.850
67.5	526.643	518.790	512.831	507.972	504.695	503.416	502.754	501.704	501.044	500.413
70.0	355.778	356.053	354.967	353.621	352.622	351.944	351.602	351.261	351.014	350.888
72.5	207.192	211.096	214.566	218.762	222.485	225.635	228.657	229.877	229.819	229.461
75.0	100.637	101.578	103.332	105.281	107.705	110.977	117.440	124.213	128.938	130.695
77.5	47.550	47.938	48.427	48.910	49.633	50.689	51.991	53.227	54.431	55.233
80.0	22.411	22.252	22.019	21.762	21.532	21.419	21.471	21.562	21.608	21.618
82.5	7.694	8.055	8.381	8.647	8.854	9.024	9.158	9.231	9.252	9.206
85.0	3.507	3.732	3.978	4.204	4.399	4.552	4.648	4.688	4.696	4.655
87.5	1.451	1.509	1.574	1.640	1.700	1.745	1.790	1.819	1.846	1.839
90.0	0.873	0.884	0.881	0.875	0.873	0.875	0.874	0.871	0.872	0.869

Vert. Angles	**Horizontal Angles**									
	225.0	**227.5**	**230.0**	**232.5**	**235.0**	**237.5**	**240.0**	**242.5**	**245.0**	**247.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3619.634	3617.027	3618.548	3616.168	3616.334	3618.005	3616.188	3616.147	3613.452	3614.849
5.0	3609.362	3610.335	3608.913	3610.570	3608.306	3609.249	3607.444	3607.122	3605.384	3606.732
7.5	3594.158	3595.486	3595.351	3596.015	3593.810	3593.246	3591.354	3591.260	3592.060	3592.371
10.0	3573.756	3571.771	3572.727	3569.955	3571.308	3568.857	3568.022	3568.309	3569.107	3569.176
12.5	3543.044	3541.952	3540.289	3539.111	3541.246	3540.208	3540.570	3540.354	3539.900	3536.699
15.0	3502.210	3502.292	3501.706	3501.211	3500.425	3502.023	3501.823	3500.320	3498.615	3498.277
17.5	3458.519	3455.639	3457.091	3456.854	3455.629	3455.778	3454.398	3454.479	3453.484	3451.639
20.0	3404.178	3405.029	3405.343	3404.781	3404.252	3402.219	3401.702	3400.255	3401.190	3401.797
22.5	3345.981	3346.824	3344.888	3343.467	3345.663	3341.514	3342.164	3341.769	3342.046	3341.839
25.0	3279.728	3277.792	3276.228	3275.804	3276.927	3276.289	3274.780	3276.147	3275.670	3272.830
27.5	3202.344	3202.307	3200.795	3200.561	3198.845	3200.580	3200.518	3199.030	3197.917	3197.641
30.0	3118.939	3118.789	3118.272	3120.038	3117.929	3117.586	3115.745	3115.121	3114.695	3114.868
32.5	3026.716	3027.406	3025.655	3027.070	3025.013	3023.814	3022.049	3021.887	3023.759	3023.239
35.0	2926.492	2925.619	2924.130	2923.731	2923.793	2921.358	2921.300	2921.640	2921.462	2920.793
37.5	2814.797	2813.994	2813.621	2811.871	2812.251	2810.755	2810.137	2809.546	2808.917	2805.734
40.0	2692.422	2690.376	2691.691	2688.712	2688.816	2689.670	2688.697	2686.199	2685.096	2684.254
42.5	2560.730	2559.856	2558.964	2559.883	2556.500	2556.834	2554.380	2553.552	2552.315	2551.312
45.0	2418.527	2417.973	2417.349	2416.340	2415.287	2413.088	2412.147	2410.211	2410.671	2408.507
47.5	2268.832	2266.790	2265.399	2264.430	2263.738	2260.353	2258.465	2257.480	2255.378	2254.176
50.0	2102.490	2099.754	2096.535	2091.652	2089.328	2085.114	2082.709	2079.646	2076.513	2073.492

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.

Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

52.5	1912.473	1909.210	1905.771	1899.173	1894.767	1891.521	1886.893	1883.134	1879.374	1876.124
55.0	1693.699	1691.601	1689.688	1688.420	1683.502	1678.991	1673.113	1669.557	1664.374	1662.106
57.5	1450.704	1450.550	1448.535	1448.283	1447.282	1446.028	1444.604	1442.163	1439.287	1436.351
60.0	1191.524	1192.591	1193.109	1194.908	1197.280	1198.315	1200.536	1202.073	1203.961	1204.664
62.5	928.531	932.374	936.476	941.580	945.825	950.653	955.324	959.877	964.267	968.881
65.0	684.904	689.338	695.264	702.504	711.248	720.788	730.520	740.092	750.063	758.541
67.5	500.931	501.138	502.636	505.560	509.767	515.860	523.230	531.746	538.844	544.534
70.0	350.457	350.469	350.859	351.493	350.872	348.287	344.565	339.664	334.898	332.310
72.5	228.972	227.676	224.535	219.593	213.277	205.027	195.635	186.433	181.708	180.259
75.0	129.189	125.664	121.349	116.025	110.469	106.158	102.692	99.203	96.697	95.695
77.5	55.736	55.345	54.147	52.647	51.343	50.164	49.222	48.543	48.004	47.462
80.0	21.575	21.559	21.610	21.778	22.065	22.417	22.818	23.067	23.193	22.945
82.5	9.087	8.908	8.698	8.422	8.117	7.825	7.555	7.307	7.091	6.856
85.0	4.562	4.426	4.266	4.061	3.847	3.634	3.436	3.247	3.089	2.952
87.5	1.816	1.771	1.717	1.631	1.557	1.491	1.446	1.395	1.351	1.327
90.0	0.865	0.864	0.867	0.865	0.863	0.869	0.869	0.868	0.879	0.885

Vert. Angles	**Horizontal Angles**									
	250.0	**252.5**	**255.0**	**257.5**	**260.0**	**262.5**	**265.0**	**267.5**	**270.0**	**272.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3614.086	3613.142	3613.569	3615.058	3614.547	3615.588	3612.347	3612.451	3611.302	3611.274
5.0	3607.054	3607.458	3605.418	3606.676	3606.769	3605.063	3604.125	3604.070	3603.248	3604.072
7.5	3591.945	3592.276	3591.143	3590.246	3588.558	3588.328	3586.896	3587.526	3586.604	3588.406
10.0	3567.438	3567.528	3566.329	3565.776	3565.324	3565.749	3565.473	3565.860	3566.208	3564.831
12.5	3536.458	3536.328	3535.133	3533.828	3535.763	3536.114	3536.034	3535.187	3533.434	3532.648
15.0	3497.942	3498.675	3497.571	3497.736	3498.729	3497.756	3497.586	3496.823	3494.470	3493.563
17.5	3453.186	3453.438	3453.410	3452.550	3452.081	3451.196	3450.140	3448.010	3449.029	3449.963
20.0	3401.586	3401.953	3401.647	3399.127	3397.622	3397.618	3397.741	3398.008	3397.387	3398.550
22.5	3340.121	3338.378	3339.372	3338.407	3337.766	3337.487	3337.717	3339.229	3338.288	3337.690
25.0	3272.160	3271.626	3271.725	3270.839	3271.761	3270.829	3272.348	3270.708	3271.202	3267.367
27.5	3196.231	3197.116	3196.545	3197.526	3196.410	3197.050	3194.931	3194.094	3193.130	3193.617
30.0	3115.567	3114.312	3113.939	3114.672	3113.112	3112.033	3109.976	3110.893	3109.669	3111.608
32.5	3022.145	3022.364	3021.029	3019.810	3019.487	3017.861	3017.722	3017.384	3017.319	3017.274
35.0	2918.496	2918.129	2915.511	2916.344	2914.862	2916.199	2915.480	2916.556	2916.213	2915.127
37.5	2806.493	2804.349	2804.264	2804.043	2804.698	2805.638	2804.347	2804.364	2803.513	2802.825
40.0	2682.023	2683.078	2681.251	2681.563	2683.325	2682.582	2682.103	2681.539	2680.622	2680.687
42.5	2551.140	2551.531	2549.685	2550.297	2549.489	2548.204	2548.398	2548.334	2548.276	2549.831
45.0	2408.659	2407.518	2406.803	2405.703	2405.408	2405.136	2406.009	2405.700	2406.724	2407.290
47.5	2251.750	2249.374	2249.158	2247.734	2248.444	2248.498	2250.217	2251.326	2253.000	2252.931
50.0	2070.991	2069.880	2069.056	2067.806	2068.838	2069.835	2071.313	2073.335	2074.249	2075.284
52.5	1873.024	1871.980	1871.252	1870.336	1871.308	1871.995	1873.356	1875.147	1876.432	1879.523
55.0	1659.760	1658.447	1657.370	1657.303	1657.354	1657.641	1659.831	1661.775	1665.089	1668.604
57.5	1433.575	1431.301	1430.563	1429.819	1429.469	1430.987	1431.910	1435.347	1435.636	1436.216
60.0	1203.038	1201.463	1199.323	1198.251	1197.635	1196.534	1194.019	1191.274	1186.977	1182.886
62.5	972.865	976.119	978.255	974.882	969.248	962.855	955.993	948.662	940.016	932.520
65.0	764.565	766.922	767.774	766.071	761.726	754.116	744.356	734.169	723.595	713.603
67.5	549.166	551.838	553.438	552.341	549.162	545.277	540.682	534.366	526.032	518.249
70.0	331.380	332.654	335.836	340.132	343.475	344.999	347.392	349.548	352.605	354.442
72.5	179.585	179.840	180.732	182.313	184.266	188.218	193.967	200.676	207.624	214.034
75.0	95.028	94.828	94.686	94.703	95.245	96.467	98.317	100.557	103.312	106.161
77.5	46.977	46.574	46.303	46.206	46.353	46.810	47.258	47.692	48.017	48.530
80.0	22.189	21.132	20.218	19.616	20.083	21.140	22.013	22.500	22.294	21.543
82.5	6.627	6.405	6.206	6.159	6.293	6.550	6.876	7.087	7.185	7.210
85.0	2.850	2.809	2.796	2.843	2.922	3.028	3.134	3.250	3.341	3.409
87.5	1.314	1.321	1.335	1.362	1.392	1.422	1.447	1.467	1.477	1.520

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

90.0	0.882	0.877	0.878	0.877	0.879	0.879	0.877	0.869	0.864	0.871

Vert. Angles	**Horizontal Angles**									
	275.0	**277.5**	**280.0**	**282.5**	**285.0**	**287.5**	**290.0**	**292.5**	**295.0**	**297.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3610.484	3611.535	3613.680	3612.005	3611.628	3610.674	3609.977	3610.907	3609.126	3610.088
5.0	3604.597	3604.858	3604.111	3603.283	3602.405	3602.886	3602.806	3601.881	3602.073	3600.757
7.5	3588.621	3586.889	3585.233	3586.268	3586.081	3587.261	3585.376	3586.167	3586.671	3586.750
10.0	3563.426	3562.852	3563.753	3562.398	3563.662	3563.398	3563.479	3563.844	3563.031	3562.412
12.5	3530.867	3531.931	3531.072	3533.009	3533.263	3533.417	3532.359	3530.802	3531.220	3529.605
15.0	3493.908	3494.460	3494.452	3494.200	3493.499	3491.581	3491.271	3491.399	3491.383	3491.216
17.5	3449.745	3448.064	3449.033	3447.195	3446.829	3446.455	3446.105	3445.262	3445.802	3446.163
20.0	3397.491	3396.338	3394.632	3393.983	3393.770	3393.682	3393.636	3393.478	3393.761	3393.876
22.5	3335.099	3335.231	3334.656	3334.093	3334.876	3336.368	3334.838	3334.452	3334.171	3333.803
25.0	3268.438	3266.435	3266.903	3267.955	3267.879	3267.814	3267.024	3266.321	3264.439	3264.958
27.5	3192.275	3192.807	3192.664	3192.708	3191.317	3189.624	3190.471	3189.061	3188.908	3188.313
30.0	3110.989	3110.467	3109.476	3108.996	3106.924	3108.014	3107.308	3107.078	3106.024	3105.821
32.5	3018.471	3016.976	3015.434	3014.828	3015.155	3015.134	3014.301	3014.811	3013.983	3015.257
35.0	2912.879	2914.063	2913.680	2913.857	2914.266	2913.656	2914.381	2912.917	2913.106	2911.428
37.5	2802.418	2802.029	2802.115	2803.832	2801.750	2803.836	2801.574	2801.203	2800.097	2797.736
40.0	2680.899	2680.522	2682.383	2681.036	2681.201	2679.318	2678.549	2678.880	2677.575	2677.034
42.5	2549.814	2549.306	2549.510	2547.792	2547.795	2546.630	2546.825	2545.105	2545.803	2543.851
45.0	2406.832	2406.894	2405.637	2406.448	2405.497	2405.700	2404.060	2404.062	2403.733	2402.842
47.5	2253.843	2253.579	2254.549	2253.622	2254.417	2254.198	2253.821	2252.804	2252.057	2250.596
50.0	2077.714	2080.076	2082.168	2085.948	2087.914	2087.957	2089.993	2086.633	2083.776	2080.561
52.5	1883.361	1886.838	1889.926	1893.614	1893.076	1893.373	1893.012	1891.840	1889.727	1888.022
55.0	1672.677	1673.273	1674.331	1673.232	1673.305	1672.875	1671.999	1671.550	1669.969	1668.941
57.5	1435.217	1434.255	1433.276	1432.589	1431.479	1431.128	1429.905	1429.479	1428.159	1427.164
60.0	1178.018	1174.635	1171.108	1169.368	1168.040	1168.197	1168.278	1168.517	1169.318	1169.911
62.5	923.652	916.088	908.978	903.312	900.509	898.237	898.928	900.401	903.172	906.976
65.0	703.771	695.505	687.074	679.441	672.674	665.905	661.558	660.368	662.191	665.623
67.5	511.248	504.691	500.142	496.897	495.603	494.133	493.405	493.239	493.344	493.530
70.0	354.931	353.483	352.238	351.295	350.589	349.695	348.693	347.794	347.615	347.415
72.5	219.892	224.107	227.096	228.990	229.544	230.145	230.017	229.554	229.037	228.217
75.0	109.084	114.092	119.870	125.183	129.411	132.024	133.184	133.043	131.568	128.872
77.5	49.342	50.417	51.748	53.070	53.618	52.512	50.886	49.968	49.574	49.589
80.0	20.957	20.567	20.587	20.820	20.892	20.704	20.399	20.140	19.963	20.008
82.5	7.207	7.249	7.464	7.792	8.141	8.356	8.409	8.365	8.232	8.091
85.0	3.454	3.510	3.592	3.730	3.890	4.047	4.161	4.213	4.220	4.181
87.5	1.532	1.553	1.568	1.588	1.619	1.655	1.699	1.732	1.753	1.757
90.0	0.882	0.893	0.893	0.901	0.907	0.913	0.927	0.940	0.947	0.950

Vert. Angles	**Horizontal Angles**									
	300.0	**302.5**	**305.0**	**307.5**	**310.0**	**312.5**	**315.0**	**317.5**	**320.0**	**322.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3609.254	3610.892	3610.277	3611.928	3611.646	3610.041	3610.964	3609.905	3609.892	3611.429
5.0	3601.986	3602.547	3602.319	3600.172	3599.697	3601.310	3599.626	3602.308	3602.918	3602.955
7.5	3586.708	3586.119	3583.388	3584.494	3584.706	3585.452	3586.924	3586.499	3586.277	3585.812
10.0	3561.044	3560.502	3560.724	3560.756	3562.045	3561.104	3562.315	3562.374	3561.410	3560.456
12.5	3530.634	3529.274	3529.833	3530.840	3530.623	3531.196	3530.050	3527.830	3528.795	3527.424
15.0	3490.798	3490.938	3493.045	3492.942	3490.915	3488.804	3490.127	3489.937	3489.258	3491.364
17.5	3446.113	3447.100	3445.482	3443.388	3444.813	3443.844	3443.724	3444.774	3443.939	3444.776
20.0	3394.480	3393.015	3391.948	3392.443	3391.370	3390.863	3393.080	3391.358	3393.050	3392.483
22.5	3333.460	3331.705	3331.620	3330.680	3331.782	3332.119	3332.673	3332.783	3329.878	3329.375

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

25.0	3263.288	3264.520	3264.845	3265.017	3265.413	3264.246	3261.706	3262.562	3261.125	3261.906
27.5	3188.411	3188.923	3189.253	3189.909	3187.580	3186.245	3187.395	3186.357	3185.543	3187.786
30.0	3106.059	3105.947	3104.188	3103.306	3102.988	3102.651	3102.029	3102.175	3103.084	3103.159
32.5	3012.478	3012.972	3010.562	3010.280	3009.502	3010.281	3010.068	3010.757	3009.746	3009.574
35.0	2910.271	2908.926	2907.245	2906.812	2907.800	2907.909	2907.161	2906.543	2904.781	2904.835
37.5	2797.598	2796.859	2796.583	2796.655	2795.773	2794.929	2793.477	2791.863	2792.366	2790.692
40.0	2675.236	2675.410	2674.898	2673.823	2672.676	2670.997	2670.013	2668.955	2668.187	2668.152
42.5	2544.624	2543.695	2542.028	2540.154	2541.018	2538.127	2536.899	2536.540	2535.521	2535.825
45.0	2402.439	2401.146	2398.938	2397.419	2396.526	2394.789	2394.147	2393.103	2392.345	2390.234
47.5	2248.952	2246.680	2244.747	2242.261	2239.206	2237.603	2235.449	2231.979	2229.716	2227.881
50.0	2076.708	2073.481	2069.594	2066.426	2060.638	2057.704	2053.433	2050.508	2048.276	2046.382
52.5	1884.691	1880.617	1875.659	1870.289	1865.443	1860.071	1855.904	1851.591	1849.560	1848.450
55.0	1667.410	1665.251	1662.397	1658.475	1653.648	1648.193	1643.821	1640.623	1637.804	1635.501
57.5	1426.458	1425.408	1423.453	1423.429	1422.515	1421.726	1420.495	1415.918	1412.727	1410.356
60.0	1170.421	1172.347	1174.436	1176.746	1178.405	1180.576	1181.957	1182.897	1184.057	1182.689
62.5	911.838	917.314	922.322	927.197	933.031	937.851	943.530	947.760	951.190	953.126
65.0	671.588	678.706	687.424	696.897	706.659	716.399	725.112	730.956	733.229	732.584
67.5	493.177	493.577	494.993	498.277	504.012	509.680	513.801	516.181	517.368	517.129
70.0	347.443	347.382	347.594	347.927	346.406	342.480	337.534	330.206	324.114	318.767
72.5	227.148	224.873	221.471	216.862	210.983	204.457	197.241	189.707	183.137	178.120
75.0	125.341	121.263	116.401	111.832	108.881	106.173	103.510	100.826	98.327	96.304
77.5	49.835	49.759	50.434	51.410	51.390	50.783	50.057	49.389	48.755	48.134
80.0	20.182	20.580	21.282	22.150	23.021	23.720	24.147	24.380	24.378	24.098
82.5	7.960	7.868	7.811	7.750	7.631	7.495	7.349	7.221	7.134	7.075
85.0	4.095	3.958	3.801	3.621	3.439	3.273	3.141	3.042	2.972	2.925
87.5	1.740	1.712	1.661	1.596	1.538	1.495	1.465	1.413	1.362	1.334
90.0	0.933	0.929	0.918	0.917	0.903	0.883	0.878	0.885	0.898	0.908

Vert. Angles	**Horizontal Angles**									
	325.0	**327.5**	**330.0**	**332.5**	**335.0**	**337.5**	**340.0**	**342.5**	**345.0**	**347.5**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3611.728	3611.760	3611.502	3611.452	3612.099	3611.154	3609.001	3611.311	3609.143	3611.420
5.0	3602.616	3602.689	3600.322	3600.247	3601.175	3601.232	3601.415	3602.498	3603.172	3602.332
7.5	3584.846	3585.092	3583.715	3584.276	3584.865	3584.669	3586.249	3586.343	3587.324	3585.460
10.0	3559.952	3560.355	3559.747	3560.892	3562.540	3562.591	3562.435	3560.289	3559.838	3560.651
12.5	3529.103	3529.383	3530.301	3529.680	3530.010	3528.164	3527.198	3527.785	3528.434	3526.873
15.0	3491.578	3491.421	3491.167	3490.224	3490.345	3487.677	3489.265	3487.770	3489.185	3489.951
17.5	3446.155	3444.460	3443.445	3442.315	3442.740	3442.265	3441.559	3442.786	3444.362	3444.713
20.0	3389.409	3390.674	3389.719	3389.804	3389.593	3389.965	3390.930	3391.886	3391.209	3390.511
22.5	3329.288	3328.976	3330.447	3330.249	3330.310	3330.418	3329.894	3328.304	3328.408	3328.016
25.0	3261.001	3262.602	3262.528	3262.701	3262.209	3261.472	3261.161	3259.623	3259.732	3259.656
27.5	3185.759	3187.624	3186.857	3185.338	3184.533	3184.335	3183.633	3183.541	3181.834	3183.539
30.0	3103.380	3102.015	3100.208	3100.667	3100.679	3099.809	3100.066	3101.073	3099.938	3099.463
32.5	3007.292	3007.464	3006.474	3006.195	3004.803	3006.619	3006.582	3006.376	3005.699	3005.157
35.0	2902.930	2903.325	2902.964	2902.470	2903.042	2903.147	2902.115	2901.939	2901.727	2900.359
37.5	2790.031	2791.597	2789.844	2790.959	2790.826	2788.461	2787.963	2787.531	2787.750	2787.218
40.0	2667.995	2667.847	2668.203	2665.106	2666.618	2664.858	2664.821	2664.973	2664.787	2665.347
42.5	2534.058	2533.026	2531.812	2531.414	2531.422	2530.901	2532.033	2532.744	2532.890	2533.531
45.0	2389.034	2388.814	2387.932	2387.550	2387.897	2388.749	2389.657	2389.761	2390.735	2390.764
47.5	2226.983	2226.125	2226.586	2226.387	2226.996	2229.016	2229.763	2231.147	2232.432	2234.095
50.0	2045.120	2045.514	2045.408	2046.130	2046.103	2046.982	2048.258	2051.016	2053.869	2056.618
52.5	1847.173	1847.193	1846.191	1845.739	1847.438	1848.581	1851.202	1854.520	1857.455	1862.248
55.0	1633.409	1632.463	1631.129	1632.817	1634.381	1637.350	1640.549	1644.828	1648.038	1652.255
57.5	1407.971	1406.733	1406.483	1407.647	1409.786	1412.953	1414.648	1416.142	1416.675	1416.295
60.0	1180.836	1179.311	1176.721	1174.456	1170.704	1167.626	1163.618	1161.563	1160.105	1159.323

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

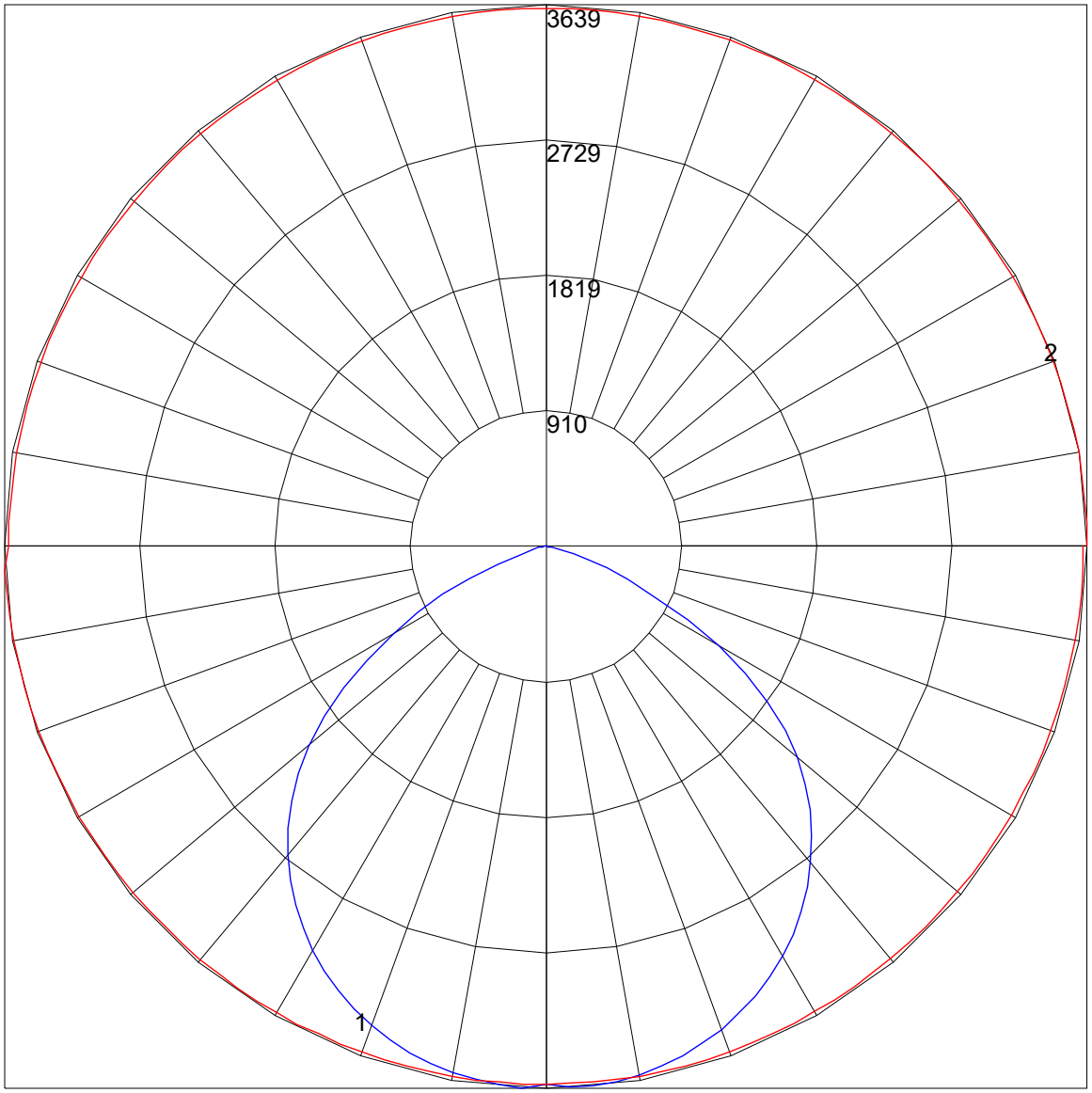
62.5	951.057	946.827	939.521	931.452	923.625	917.713	911.962	906.943	903.481	900.383
65.0	729.082	723.411	717.583	711.153	704.687	696.109	689.424	682.853	679.035	676.826
67.5	513.474	509.268	502.485	494.980	491.929	490.829	491.147	490.857	490.925	490.514
70.0	314.528	311.176	310.693	314.351	319.618	326.662	331.910	336.930	341.159	343.986
72.5	175.568	174.086	172.919	172.557	176.042	183.001	191.135	199.419	207.548	214.712
75.0	94.734	93.602	93.228	93.617	94.699	96.322	98.357	100.904	103.575	106.780
77.5	47.551	47.152	46.762	46.495	46.393	46.403	46.562	46.846	47.657	49.068
80.0	23.821	23.422	22.486	21.454	20.395	19.474	19.002	19.212	19.851	20.720
82.5	7.029	6.975	6.871	6.787	6.729	6.741	6.851	7.121	7.552	8.026
85.0	2.898	2.901	2.937	3.017	3.126	3.262	3.422	3.604	3.788	3.971
87.5	1.328	1.336	1.356	1.383	1.419	1.472	1.531	1.582	1.625	1.668
90.0	0.911	0.916	0.919	0.926	0.929	0.933	0.936	0.936	0.935	0.936

Vert. Angles	**Horizontal Angles**				
	350.0	**352.5**	**355.0**	**357.5**	**360.0**
0.0	3616.434	3616.434	3616.434	3616.434	3616.434
2.5	3611.763	3612.348	3611.914	3611.444	3609.483
5.0	3602.383	3602.434	3600.963	3599.912	3600.666
7.5	3584.224	3583.906	3582.468	3584.446	3583.114
10.0	3559.784	3559.388	3559.940	3559.580	3560.020
12.5	3527.860	3529.168	3530.163	3528.852	3530.392
15.0	3490.180	3490.316	3490.856	3488.556	3489.613
17.5	3444.302	3444.502	3443.377	3443.334	3440.989
20.0	3390.240	3389.392	3388.957	3389.034	3389.952
22.5	3327.343	3327.011	3329.011	3328.702	3329.904
25.0	3259.374	3261.106	3260.927	3261.125	3260.808
27.5	3183.081	3184.558	3183.879	3183.254	3182.656
30.0	3099.319	3099.078	3097.400	3097.978	3097.342
32.5	3004.345	3002.642	3003.373	3002.668	3002.845
35.0	2899.333	2900.064	2899.452	2900.489	2900.745
37.5	2788.166	2787.577	2788.199	2788.888	2788.692
40.0	2665.319	2666.110	2667.452	2665.546	2665.187
42.5	2532.708	2533.726	2533.078	2532.749	2532.814
45.0	2390.195	2390.505	2390.182	2389.719	2390.629
47.5	2237.808	2237.633	2239.486	2239.902	2240.309
50.0	2060.189	2063.584	2067.871	2070.537	2073.319
52.5	1866.255	1872.140	1874.939	1876.882	1876.867
55.0	1653.520	1655.482	1655.405	1656.088	1655.547
57.5	1416.703	1416.196	1415.618	1415.366	1414.886
60.0	1159.396	1157.200	1154.963	1154.023	1153.614
62.5	898.200	896.935	895.736	893.504	891.482
65.0	674.696	672.118	668.233	663.435	659.060
67.5	489.428	487.879	487.209	486.371	485.376
70.0	344.599	344.341	344.258	342.990	341.715
72.5	219.795	223.653	225.854	226.499	226.725
75.0	111.844	117.702	123.207	127.648	130.533
77.5	50.474	52.068	53.373	54.015	54.312
80.0	21.494	21.879	21.767	21.576	21.133
82.5	8.399	8.622	8.612	8.421	8.180
85.0	4.127	4.239	4.251	4.233	4.194
87.5	1.700	1.724	1.730	1.731	1.699
90.0	0.938	0.938	0.927	0.903	0.898

Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : EPLX-HB-100W-RD2-LED-TRC.IES

POLAR GRAPH



Maximum Candela = 3638.839 Located At Horizontal Angle = 182.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (182.5 - 2.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)