IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLC2-HB-150LED-RT-60DB_2016.IES

DESCRIPTIVE INFORMATION (From Photometric File)

[TESTLAB] Radiant Imaging ProSource
[MANUFAC] Larson Electronics LLC
[LUMCAT] EPLC2-HB-150LED-RT-60DB
[LUMINAIRE] CLASS 1 DIV 1 EXPLOSION PROOF LED FIXTURE - 60 DEGREE BEAM
[LAMP] LED
[_NUMBEROFRAYS]10000000

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

CHARACTERISTICS



NEMA Type	6 H x 6 V
Maximum Candela	18400.317
Maximum Candela Angle	0H 0V
Horizontal Beam Angle (50%)	60.5
Vertical Beam Angle (50%)	61.7
Horizontal Field Angle (10%)	107.8
Vertical Field Angle (10%)	110.2
Lumens Per Lamp	20841 (1 lamp)
Total Lamp Lumens	20841
Beam Lumens	11249
Beam Efficiency	54 %
Field Lumens	19965
Field Efficiency	96 %
Spill Lumens	1314
Luminaire Lumens	21279
Total Efficiency	102 %
Total Luminaire Watts	150
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 : EPLC2-HB-150LED-RT-60DB_2016.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	10.977	90	7.204
85	34.24	85	19.878
75	103.425	75	137.05
65	315.755	65	522.352
55	1585.125	55	1925.787
47.5	2874.907	47.5	3507.982
42.5	4363.923	42.5	4650.169
37.5	6270.854	37.5	6512.097
33	8132.348	33	8377.489
29	9612.619	29	9864.344
25.5	11254.431	25.5	11408.004
22.5	12453.006	22.5	12526.314
19.5	13552.587	19.5	13597.299
17	14389.554	17	14413.738
15	14995.218	15	15005.745
13	15538.623	13	15537.918
11	16006.64	11	16055.477
9	16664.975	9	16780.826
7	17310.485	7	17361.003
5	17781.848	5	17816.431
3	18131.59	3	18160.928
1	18356.871	1	18360.687
0	18400.317	0	18400.317
-1	18395.886	-1	18396.971
-3	18240.875	-3	18234.418
-5	17877.115	-5	17831.408
-7	17376.07	-7	17270.023
-9	16804.774	-9	16654.194
-11	16092.104	-11	16088.866
-13	15512.053	-13	15634.632
-15	14965.536	-15	15114.433
-17	14357.358	-17	14533.676
-19.5	13517.461	-19.5	13729.14
-22.5	12415.239	-22.5	12669.713
-25.5	11240.422	-25.5	11465.568
-29	9769.312	-29	9880.261
-33	8095.25	-33	8479.829
-37.5	6238.35	-37.5	6657.829
-42.5	4340.102	-42.5	4774.828
-47.5	2984.49	-47.5	3349.679
-55	1713.927	-55	1760.249
-65	367.106	-65	431.498
-75	116.339	-75	107.603
-85	29.031	-85	18.07
-90	10.785	-90	2.566

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 : EPLC2-HB-150LED-RT-60DB_2016.IES

CANDELA TABULATION
Maximum Candela = 18400.317
Beam Edge = 9200.1585 Cd (50% of Max.)
Field Edge = 1840.0317 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	**-85.0**	**-75.0**	**-65.0**	**-55.0**	**-47.5**	**-42.5**	**-37.5**	**-33.0**	**-29.0**
90.0	10.762	7.189	4.553	8.518	5.323	10.983	11.489	31.879	36.791	22.605
85.0	10.762	11.345	9.743	15.426	21.308	45.542	58.180	59.376	57.928	61.905
75.0	10.764	18.022	15.779	19.581	67.609	82.047	121.982	128.547	133.155	141.344
65.0	10.766	22.853	20.099	52.827	110.466	148.654	193.402	248.971	268.034	286.828
55.0	10.768	28.914	31.944	81.189	202.321	336.441	445.998	571.280	737.662	1026.859
47.5	10.770	32.018	41.773	112.693	327.532	585.366	835.079	1266.326	1851.778	*2145.282 *
42.5	10.771	33.939	55.485	153.426	412.628	890.013	1460.245	2047.123	*2587.329	*3015.054 *
37.5	10.773	36.301	70.323	203.809	535.798	1164.983	1853.022	*2678.190	*3431.995	*4070.250 *
33.0	10.774	36.665	71.433	237.120	713.804	1434.721	2289.015	*3284.391	*4213.665	*5037.294 *
29.0	10.775	37.162	71.923	256.712	915.380	1765.684	2669.097	*3836.683	*4907.269	*5974.980 *
25.5	10.777	37.839	79.848	273.538	1076.754	2052.962	*2985.272	*4274.448	*5530.047	*6625.815 *
22.5	10.777	38.458	91.853	292.773	1218.603	2261.225	*3249.908	*4678.003	*6035.230	*7317.032 *
19.5	10.778	37.143	99.938	312.422	1330.191	2413.801	*3538.307	*5041.393	*6489.047	*7869.484 *
17.0	10.779	36.330	103.541	317.665	1408.453	2528.343	*3684.216	*5269.899	*6862.428	*8328.842 *
15.0	10.780	35.633	104.756	326.339	1505.162	2647.697	*3803.365	*5488.891	*7125.701	*8613.027 *
13.0	10.781	34.897	106.093	339.870	1550.288	2725.398	*3987.974	*5660.510	*7358.229	*8893.120 *
11.0	10.781	34.710	107.466	346.124	1613.310	2780.541	*4074.189	*5816.138	*7568.320	*9100.093 *
9.0	10.782	33.484	107.228	353.442	1674.757	2861.891	*4136.835	*5947.800	*7773.790	*9272.871 *
7.0	10.782	32.500	107.245	358.221	1669.955	2895.616	*4219.938	*6095.726	*7878.952	*9459.581 *
5.0	10.783	31.512	109.155	359.404	1697.463	2893.030	*4251.087	*6149.993	*7987.045	*9602.821 *
3.0	10.784	30.521	111.151	362.469	1714.220	2925.136	*4303.479	*6202.255	*8039.968	*9697.000 *
1.0	10.784	29.528	114.609	365.655	1714.003	2965.056	*4334.045	*6229.537	*8090.581	*9754.241 *
0.0	10.785	29.031	116.339	367.106	1713.927	2984.490	*4340.102	*6238.350	*8095.250	*9769.312 *
-1.0	10.785	29.031	118.297	368.725	1711.495	2990.958	*4335.692	*6231.824	*8093.590	*9775.126 *
-3.0	10.785	30.103	122.210	373.437	1702.676	2975.724	*4307.442	*6207.168	*8050.808	*9755.148 *
-5.0	10.785	30.817	124.417	378.793	1673.796	2954.408	*4257.665	*6161.901	*8011.109	*9689.973 *
-7.0	10.785	31.528	123.956	384.877	1636.487	2952.462	*4229.046	*6112.379	*7890.057	*9544.155 *
-9.0	10.785	32.236	122.408	385.144	1640.021	2910.394	*4148.056	*5968.442	*7803.637	*9322.917 *
-11.0	10.785	32.940	120.205	380.842	1590.303	2840.387	*4087.469	*5840.018	*7603.963	*9130.322 *
-13.0	10.785	33.555	117.318	374.971	1541.541	2803.558	*4002.855	*5687.755	*7398.722	*8937.089 *
-15.0	10.785	34.665	114.267	359.555	1507.475	2740.555	*3819.197	*5519.024	*7170.461	*8644.222 *
-17.0	10.785	35.646	113.176	348.900	1419.445	2614.595	*3701.153	*5301.763	*6910.502	*8335.378 *
-19.5	10.784	36.665	111.460	342.008	1341.721	2458.948	*3556.157	*5075.229	*6540.412	*7914.337 *
-22.5	10.784	37.547	107.601	313.166	1228.437	2262.089	*3266.440	*4712.149	*6087.893	*7387.757 *
-25.5	10.784	37.139	108.647	300.005	1081.443	2041.222	*3000.016	*4307.042	*5581.956	*6696.340 *
-29.0	10.784	36.356	107.964	274.844	873.948	1762.047	2680.164	*3865.556	*4954.870	*6043.032 *
-33.0	10.784	36.024	103.649	255.360	637.415	1432.421	2294.323	*3305.519	*4252.539	*5095.508 *
-37.5	10.784	36.338	91.524	230.033	499.042	1155.198	1849.610	*2687.282	*3457.130	*4112.377 *
-42.5	10.783	32.999	74.046	187.328	390.664	855.621	1335.586	2001.691	*2591.270	*3031.914 *
-47.5	10.783	30.528	62.918	146.476	289.587	540.261	749.371	1197.543	1745.585	2133.915 *
-55.0	10.783	27.467	59.258	93.486	182.264	303.737	365.476	463.504	637.461	862.697
-65.0	10.782	20.841	42.897	49.997	85.221	110.392	141.501	168.882	190.856	218.864
-75.0	10.781	14.366	31.219	30.385	42.361	57.005	69.456	59.960	70.983	93.910
-85.0	10.780	9.183	15.990	19.717	22.803	41.578	44.067	37.432	42.239	39.146
-90.0	10.780	7.094	6.118	6.612	7.313	19.997	6.971	9.180	9.713	11.849

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.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	10.951	7.230	5.308	3.302	4.418	1.093	2.007	1.617	2.043	4.429
85.0	52.122	44.987	22.229	17.101	28.932	25.563	18.467	17.274	25.540	18.847
75.0	118.236	130.898	136.456	143.655	140.687	141.691	145.868	148.221	141.780	144.561
65.0	303.140	318.095	352.500	371.489	399.314	424.682	452.324	474.285	493.056	510.439
55.0	1171.029	1219.759	1322.466	1506.303	1580.817	1635.551	1729.953	1829.977	1879.877	*1917.225 *
47.5	2364.820	*2633.337	*2895.183	*3026.416	*3123.221	*3227.821	*3325.832	*3389.326	*3448.780	*3533.058 *
42.5	3529.716	*3686.780	*3922.402	*4093.145	*4215.887	*4371.728	*4381.582	*4479.629	*4520.125	*4635.175 *
37.5	4594.033	*5014.770	*5336.156	*5619.984	*5810.474	*5964.276	*6149.036	*6255.373	*6382.651	*6466.991 *
33.0	5710.703	*6283.355	*6715.938	*7081.763	*7326.301	*7669.354	*7803.990	*8050.872	*8109.968	*8242.770 *
29.0	6713.051	*7447.570	*8004.144	*8363.547	*8644.402	*8901.208	*9122.353	*9272.619	*9466.795	*9662.748 *
25.5	7587.900	*8397.274	*8894.540	*9337.495	*9724.177	*10141.140	10458.115	10733.648	1019.878	1236.406 *
22.5	8368.954	*9087.900	*9755.685	*10393.908	10900.167	1284.213	1655.800	1904.579	2144.322	2319.046 *
19.5	8898.635	*9732.378	*10709.126	1428.862	1900.235	2280.406	2636.051	2930.591	3204.357	3359.901 *
17.0	9287.048	*10312.326	1439.142	2056.317	2545.969	2984.579	3385.808	3715.992	4002.396	4155.438 *
15.0	9636.660	*10744.546	1864.160	2523.288	3089.637	3513.212	3930.637	4250.176	4528.033	4812.281 *
13.0	9947.080	*11260.297	2226.533	2943.511	3489.526	3998.319	4410.247	4793.886	5095.463	5312.365 *
11.0	10350.770	1619.617	2568.967	3348.340	3907.369	4421.739	4835.380	5237.946	5528.284	5764.524 *
9.0	10734.289	1846.418	2882.009	3670.045	4237.331	4731.345	5196.011	5612.098	5938.024	6317.337 *
7.0	10986.794	2053.870	3105.548	3949.416	4511.242	5062.318	5505.669	5923.471	6418.703	6871.707 *
5.0	11076.429	2218.397	3299.849	4113.114	4739.960	5265.005	5741.056	6315.715	6880.785	7338.611 *
3.0	11156.045	2306.973	3405.662	4280.283	4891.619	5428.164	5941.132	6617.329	7166.936	7640.539 *
1.0	11224.130	2396.602	3498.701	4345.149	4952.965	5499.012	6054.156	6782.079	7360.154	7848.701 *
0.0	11240.422	2415.239	3517.461	4357.358	4965.536	5512.053	6092.104	6804.774	7376.070	7877.115 *
-1.0	11228.464	2403.054	3505.025	4352.330	4960.616	5507.151	6061.699	6804.193	7402.931	7908.715 *
-3.0	11167.511	2325.289	3425.444	4301.648	4914.495	5451.449	5950.115	6638.022	7236.897	7743.653 *
-5.0	11095.201	2249.699	3333.357	4149.761	4776.935	5303.688	5780.573	6340.451	6947.795	7431.021 *
-7.0	10997.975	2095.021	3151.547	3998.064	4562.568	5115.088	5559.931	5980.692	6516.229	6970.726 *
-9.0	10752.614	1891.223	2939.432	3734.971	4302.137	4798.616	5264.930	5681.750	6014.652	6367.488 *
-11.0	10443.844	1620.542	2638.021	3421.080	3984.833	4501.821	4917.790	5321.129	5613.338	5849.923 *
-13.0	10076.153	1322.411	2305.219	3028.572	3577.866	4090.518	4505.651	4890.488	5192.930	5410.721 *
-15.0	9725.844	*10701.010	1913.740	2618.352	3189.352	3616.744	4037.018	4359.302	4638.955	4922.545 *
-17.0	9301.278	*10178.666	1348.777	2159.635	2655.226	3098.265	3502.689	3835.548	4123.587	4277.767 *
-19.5	8832.631	*9553.703	*10552.114	1365.689	1951.210	2403.978	2763.760	3061.754	3337.238	3494.347 *
-22.5	8266.351	*8899.840	*9572.513	*10287.237	10817.260	1266.238	1710.549	2037.864	2288.212	2464.311 *
-25.5	7665.650	*8312.807	*8830.321	*9324.722	*9705.651	*10142.268	10495.500	10811.026	1133.797	1347.880 *
-29.0	6797.185	*7547.343	*8027.395	*8407.484	*8675.914	*8938.423	*9215.416	*9425.612	*9656.568	*9791.387 *
-33.0	5786.084	*6374.106	*6823.187	*7198.351	*7447.474	*7791.396	*7885.605	*8152.368	*8255.661	*8396.495 *
-37.5	4654.148	*5088.721	*5423.934	*5720.163	*5919.619	*6081.545	*6274.736	*6387.229	*6520.322	*6608.959 *
-42.5	3407.527	*3754.942	*3975.026	*4163.294	*4297.078	*4462.916	*4483.057	*4585.189	*4631.835	*4753.301 *
-47.5	2365.366	*2556.661	*2725.171	*2890.677	*2996.068	*3069.975	*3168.026	*3252.031	*3287.638	*3351.533 *
-55.0	1081.821	1175.875	1219.273	1323.879	1454.310	1564.955	1651.555	1694.604	1705.605	1718.362
-65.0	245.518	271.709	300.110	314.108	326.422	346.981	379.370	403.565	422.986	446.236
-75.0	92.130	81.370	90.777	95.345	98.864	90.545	96.822	101.731	96.517	107.565
-85.0	29.645	27.881	18.214	9.375	16.432	17.372	21.221	16.821	17.277	13.163
-90.0	6.646	4.302	4.501	0.586	1.062	4.444	3.923	2.327	4.827	5.912

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	8.603	10.878	7.204	6.969	12.590	10.083	12.064	10.183	9.275	10.623
85.0	30.044	23.948	19.878	23.603	28.715	36.511	37.332	36.958	25.269	45.806
75.0	144.562	141.318	137.050	135.190	129.449	135.256	130.933	126.364	119.995	126.512
65.0	519.887	523.565	522.352	519.424	507.838	489.830	466.136	436.880	414.243	384.021

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.)

55.0	1907.593	1912.642	1925.787	1950.825	1967.759	1935.475	1809.112	1708.378	1628.455	1574.358
47.5	3508.645	3511.745	3507.982	3505.177	3509.628	3535.655	3442.289	3371.322	3316.080	3222.755 *
42.5	4600.766	4642.726	4650.169	4643.376	4603.063	4639.355	4525.785	4487.122	4394.679	4384.138 *
37.5	6445.676	6501.340	6512.097	6503.446	6450.983	6477.470	6397.307	6273.903	6171.499	5990.630 *
33.0	8270.065	8380.732	8377.489	8359.798	8273.701	8254.930	8138.030	8052.461	7801.205	7705.553 *
29.0	9730.300	9852.497	9864.344	9862.315	9736.121	9669.977	9513.713	9307.974	9098.851	8832.970 *
25.5	11294.059	11385.260	11408.004	11394.904	11296.650	11206.226	10976.585	10731.959	10422.222	10052.763 *
22.5	12428.367	12507.856	12526.314	12511.588	12439.204	12336.873	12169.482	11926.676	11571.962	11160.231 *
19.5	13487.467	13578.815	13597.299	13582.371	13499.179	13377.967	13229.125	12962.221	12674.109	12324.103 *
17.0	14387.241	14402.960	14413.738	14406.426	14398.006	14173.250	14026.659	13746.858	13422.789	13027.148 *
15.0	14952.508	14995.158	15005.745	14998.338	14962.919	14829.232	14551.838	14280.297	13967.284	13554.649 *
13.0	15465.534	15526.421	15537.918	15529.693	15475.420	15328.638	15118.333	14822.443	14444.428	14038.120 *
11.0	15958.003	16063.835	16055.477	16015.727	15934.757	15780.237	15550.090	15265.355	14868.465	14459.620 *
9.0	16609.830	16793.832	16780.826	16735.735	16525.181	16283.520	15940.288	15637.879	15227.163	14767.648 *
7.0	17205.649	17373.009	17361.003	17311.208	17119.059	16831.971	16360.793	15927.898	15534.572	15096.050 *
5.0	17683.848	17823.974	17816.431	17769.639	17606.529	17307.971	16826.719	16231.459	15768.310	15296.686 *
3.0	17963.250	18134.589	18160.928	18110.229	17915.657	17606.941	17119.623	16490.997	15922.969	15457.600 *
1.0	18168.277	18342.722	18360.687	18320.263	18090.670	17772.332	17310.756	16654.945	15993.472	15526.541 *
0.0	18240.875	18395.886	18400.317	18356.871	18131.590	17781.848	17310.485	16664.975	16006.640	15538.623 *
-1.0	18240.896	18392.391	18396.971	18349.116	18124.413	17803.043	17321.812	16651.196	15997.669	15532.293 *
-3.0	18071.008	18216.220	18234.418	18180.380	17990.663	17668.636	17146.845	16490.540	15938.026	15474.844 *
-5.0	17743.304	17838.588	17831.408	17798.253	17657.177	17356.210	16873.739	16249.747	15799.687	15325.491 *
-7.0	17223.220	17293.790	17270.023	17240.640	17113.836	16872.682	16428.818	15967.809	15578.243	15135.254 *
-9.0	16562.261	16666.928	16654.194	16639.548	16509.448	16314.157	15996.255	15695.738	15281.515	14817.490 *
-11.0	16003.333	16077.271	16088.866	16078.964	16005.835	15857.388	15623.737	15334.269	14933.376	14519.626 *
-13.0	15563.660	15623.833	15634.632	15625.338	15568.014	15418.128	15202.968	14902.964	14520.467	14107.469 *
-15.0	15062.587	15104.788	15114.433	15106.074	15066.847	14929.692	14648.579	14371.514	14051.137	13633.024 *
-17.0	14508.191	14523.691	14533.676	14525.076	14512.352	14284.906	14132.998	13847.464	13516.643	13114.092 *
-19.5	13622.518	13711.807	13729.140	13713.090	13626.059	13501.255	13346.502	13073.421	12777.627	12419.648 *
-22.5	12574.052	12652.373	12669.713	12653.763	12578.254	12471.276	12297.805	12032.356	11633.719	11197.249 *
-25.5	11358.725	11456.116	11465.568	11414.793	11273.297	11191.907	10982.612	10707.934	10422.300	10096.578 *
-29.0	9806.821	9890.826	9880.261	9856.693	9742.857	9740.644	9598.706	9373.124	9179.730	8995.604 *
-33.0	8388.371	8472.983	8479.829	8474.456	8393.466	8404.569	8266.744	8183.021	7935.335	7806.602 *
-37.5	6588.611	6646.775	6657.829	6648.644	6594.868	6617.572	6532.020	6401.881	6291.669	6100.907 *
-42.5	4721.603	4766.413	4774.828	4768.166	4726.762	4761.846	4643.450	4599.801	4496.437	4482.225 *
-47.5	3334.859	3344.993	3349.679	3348.760	3319.093	3319.347	3245.098	3201.995	3128.989	3056.140 *
-55.0	1713.585	1746.164	1760.249	1777.228	1794.941	1771.475	1670.035	1628.175	1595.021	1522.091
-65.0	453.265	436.689	431.498	430.846	440.266	435.064	419.541	399.637	374.326	342.040
-75.0	105.033	106.964	107.603	108.761	116.087	120.361	115.021	111.946	108.327	98.786
-85.0	8.294	12.788	18.070	13.765	17.834	21.850	15.953	21.976	15.139	21.501
-90.0	1.481	7.890	2.566	0.481	0.381	2.526	3.045	1.528	0.023	3.026

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	7.969	9.650	14.435	9.162	12.832	11.465	2.714	12.164	3.815	12.612
85.0	43.539	38.880	38.802	49.950	48.479	51.308	32.287	36.894	26.899	27.191
75.0	123.306	116.271	105.847	110.759	102.050	95.191	85.403	91.525	66.399	64.026
65.0	353.150	327.552	322.918	284.642	266.095	238.012	216.158	203.074	171.348	123.442
55.0	1551.183	1469.836	1308.998	1183.958	1137.493	999.650	680.584	484.145	377.556	317.877
47.5	3100.363	3006.470	2886.630	2650.872	2374.894	2156.715	1829.507	1246.121	799.836	567.711
42.5	4230.366	4110.100	3942.787	3727.590	3463.683	3046.848	2622.369	2054.270	1433.675	883.223
37.5	5840.903	5653.842	5374.181	5057.898	4642.033	4120.000	3482.046	2724.952	1891.144	1189.921
33.0	7363.397	7126.642	6767.364	6338.127	5768.649	5097.340	4272.408	3339.100	2333.317	1444.258
29.0	8592.644	8365.031	8004.953	7508.853	6777.348	6041.058	4971.825	3895.796	2716.883	1702.639
25.5	9617.334	9251.528	8804.188	8283.012	7653.793	6694.330	5596.747	4335.188	3034.533	2004.840 *

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.)

22.5	10784.687	10285.843	9618.081	8961.206	8274.592	7385.892	6102.183	4738.849	3299.166	2233.708
19.5	11896.815	11341.614	10584.032	9656.759	8842.020	7910.796	6554.899	5100.979	3587.252	2394.950
17.0	12593.752	12108.799	11381.269	10256.574	9274.714	8318.958	6926.094	5327.338	3730.957	2508.104
15.0	13135.993	12574.200	11892.078	10701.434	9618.897	8541.144	7187.329	5544.576	3848.232	2609.949
13.0	13533.953	12992.487	12279.885	11249.427	9902.462	8739.281	7417.306	5713.748	4031.106	2657.928
11.0	13949.898	13394.384	12620.015	11613.225	10239.741	8889.585	7624.613	5866.381	4114.937	2690.684
9.0	14277.677	13717.754	12930.111	11890.242	10555.082	9076.115	7826.813	5995.539	4174.736	2769.757
7.0	14549.315	13990.913	13151.157	12102.612	10886.493	9311.050	7915.879	6140.379	4255.102	2832.250
5.0	14775.338	14153.480	13342.494	12264.489	11103.035	9482.114	8033.138	6191.223	4283.015	2856.106
3.0	14924.709	14316.559	13445.373	12349.554	11187.885	9569.931	8082.696	6237.649	4332.365	2876.992
1.0	14983.732	14378.666	13535.190	12436.055	11240.329	9608.257	8129.281	6263.617	4359.919	2882.228
0.0	14995.218	14389.554	13552.587	12453.006	11254.431	9612.619	8132.348	6270.854	4363.923	2874.907
-1.0	14988.996	14383.459	13538.866	12439.104	11238.992	9609.604	8129.222	6262.602	4357.567	2866.961
-3.0	14940.613	14330.460	13456.725	12358.659	11179.747	9587.807	8082.598	6236.570	4326.217	2855.353
-5.0	14801.277	14175.143	13362.147	12279.943	11113.460	9574.061	8032.934	6185.530	4272.791	2850.798
-7.0	14585.199	14022.548	13178.168	12123.118	10946.950	9378.515	7915.192	6132.607	4240.864	2848.005
-9.0	14323.082	13754.328	12964.034	11916.153	10592.837	9190.373	7826.118	5985.083	4156.519	2797.796
-11.0	14004.559	13443.157	12660.899	11628.172	10276.066	8994.764	7623.503	5854.171	4092.776	2713.719
-13.0	13597.040	13048.914	12326.693	11221.114	9937.247	8834.295	7415.593	5698.633	4005.442	2664.397
-15.0	13206.947	12637.598	11945.380	10645.224	9616.576	8557.655	7185.017	5527.082	3818.118	2594.272
-17.0	12672.483	12178.257	11339.095	10158.356	9192.857	8329.396	6922.835	5307.300	3697.094	2471.323
-19.5	11966.009	11339.253	10523.695	9520.510	8714.054	7926.823	6550.478	5078.194	3548.834	2321.782
-22.5	10803.198	10275.406	9559.584	8898.722	8266.296	7401.292	6095.819	4712.241	3255.418	2121.763
-25.5	9705.479	9339.493	8843.848	8421.404	7691.710	6708.997	5588.555	4304.654	2985.868	1889.182
-29.0	8757.073	8532.817	8090.979	7566.296	6814.113	6055.747	4960.553	3861.277	2663.213	1597.868
-33.0	7467.342	7218.980	6842.208	6394.138	5803.825	5108.546	4258.529	3299.979	2274.868	1368.033
-37.5	5940.369	5742.004	5446.270	5110.055	4671.850	4126.330	3463.214	2681.762	1828.284	1118.822
-42.5	4318.171	4185.873	3968.104	3722.106	3361.161	3044.469	2598.634	1942.530	1208.779	748.102
-47.5	2980.184	2879.298	2730.186	2543.889	2385.378	2150.914	1676.627	1140.229	652.916	451.475
-55.0	1415.640	1309.196	1205.620	1194.074	1080.526	862.760	588.028	418.883	294.757	240.736
-65.0	311.596	293.515	296.770	262.212	231.154	204.048	192.726	177.065	143.309	114.404
-75.0	105.649	96.962	89.690	74.081	75.011	73.194	88.421	95.915	92.484	97.832
-85.0	18.777	13.432	22.905	26.818	34.866	35.526	45.104	47.430	73.846	63.741
-90.0	2.950	1.889	1.098	5.231	6.081	9.281	8.524	19.586	29.744	30.469

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	4.298	1.398	0.962	5.486	10.925
85.0	16.115	2.915	3.721	7.958	10.930
75.0	42.141	20.222	12.813	11.255	10.939
65.0	82.004	40.912	23.869	11.117	10.947
55.0	174.683	72.901	39.842	11.431	10.955
47.5	289.789	112.697	51.942	18.169	10.960
42.5	368.722	140.478	52.109	23.760	10.964
37.5	498.219	169.707	58.781	29.845	10.966
33.0	634.808	205.473	67.397	31.418	10.969
29.0	823.005	229.942	78.274	32.527	10.971
25.5	991.600	247.649	84.600	33.082	10.972
22.5	1137.583	267.979	86.571	33.534	10.973
19.5	1254.819	278.198	88.573	34.404	10.974
17.0	1317.621	285.435	91.951	35.128	10.975
15.0	1391.573	295.849	94.801	35.705	10.976
13.0	1423.925	304.309	96.691	36.277	10.976
11.0	1486.509	307.919	97.908	36.869	10.976
9.0	1556.639	311.052	98.673	36.396	10.977

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 : EPLC2-HB-150LED-RT-60DB_2016.IES

CANDELA TABULATION - (Cont.)

7.0	1558.086	314.652	99.741	35.919	10.977
5.0	1586.543	315.671	102.642	35.441	10.977
3.0	1594.350	316.502	103.803	34.961	10.977
1.0	1587.645	316.261	103.551	34.240	10.977
0.0	1585.125	315.755	103.425	34.240	10.977
-1.0	1584.125	314.692	101.981	34.837	10.977
-3.0	1584.209	311.431	99.094	36.029	10.977
-5.0	1568.057	307.339	97.345	37.219	10.976
-7.0	1542.368	304.332	94.665	38.406	10.976
-9.0	1557.787	298.952	94.384	39.587	10.975
-11.0	1507.845	293.681	94.703	41.059	10.974
-13.0	1454.532	288.279	95.707	40.043	10.974
-15.0	1408.930	277.841	97.687	39.720	10.973
-17.0	1298.517	268.755	97.910	39.367	10.972
-19.5	1191.720	262.737	98.158	38.887	10.971
-22.5	1055.707	244.644	98.091	38.283	10.969
-25.5	920.244	233.508	95.675	36.748	10.968
-29.0	781.622	217.113	92.641	34.398	10.966
-33.0	619.377	199.687	88.297	31.626	10.963
-37.5	463.072	172.593	83.497	29.070	10.960
-42.5	326.253	143.872	71.459	28.631	10.956
-47.5	240.471	116.602	55.193	28.549	10.953
-55.0	152.071	75.704	48.834	27.844	10.946
-65.0	84.953	56.341	27.675	23.893	10.938
-75.0	58.445	38.699	20.643	18.637	10.928
-85.0	39.141	17.948	9.545	11.059	10.919
-90.0	9.640	5.312	3.609	6.683	10.915

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 : EPLC2-HB-150LED-RT-60DB_2016.IES

LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 10639.48
Total Field Lumens (one side of beam only) = 9982.45
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	0	1	3	5	7	9	11	13	15	17
90	0.02	0.06	0.06	0.06	0.05	0.05	0.05	0.06	0.06	0.07
85	0.24	0.50	0.51	0.51	0.50	0.48	0.48	0.50	0.48	0.56
75	1.00	1.99	1.96	1.90	1.82	1.74	1.65	1.55	1.45	1.70
65	3.73	7.47	7.41	7.20	6.86	6.51	6.14	5.84	5.53	6.31
55	6.21 *	12.43 *	12.43 *	12.21 *	11.81 *	11.42 *	10.98 *	10.54 *	10.08 *	11.81 *
47.5	6.21 *	12.38 *	12.37 *	12.22 *	11.94 *	11.68 *	11.41 *	11.04 *	10.58 *	12.60 *
42.5	8.49 *	16.89 *	16.83 *	16.68 *	16.33 *	15.97 *	15.57 *	15.08 *	14.48 *	17.20 *
37.5	10.20 *	20.27 *	20.13 *	19.93 *	19.57 *	19.09 *	18.52 *	17.85 *	17.07 *	20.21 *
33	11.11 *	22.06 *	21.83 *	21.53 *	21.09 *	20.55 *	19.94 *	19.22 *	18.41 *	21.85 *
29	11.33 *	22.52 *	22.29 *	21.93 *	21.38 *	20.77 *	20.08 *	19.27 *	18.42 *	21.84 *
25.5	10.93 *	21.75 *	21.55 *	21.22 *	20.72 *	20.11 *	19.38 *	18.55 *	17.63 *	20.70 *
22.5	11.93 *	23.75 *	23.53 *	23.21 *	22.73 *	22.11 *	21.36 *	20.51 *	19.53 *	22.81 *
19.5	10.66 *	21.26 *	21.05 *	20.74 *	20.33 *	19.77 *	19.13 *	18.39 *	17.54 *	20.58 *
17	8.96 *	17.89 *	17.73 *	17.43 *	17.06 *	16.60 *	16.06 *	15.43 *	14.73 *	17.33 *
15	9.30 *	18.56 *	18.40 *	18.11 *	17.71 *	17.23 *	16.66 *	16.01 *	15.27 *	17.95 *
13	9.62 *	19.17 *	18.99 *	18.70 *	18.31 *	17.80 *	17.20 *	16.52 *	15.75 *	18.51 *
11	10.00 *	19.88 *	19.63 *	19.25 *	18.81 *	18.28 *	17.65 *	16.96 *	16.18 *	19.01 *
9	10.39 *	20.65 *	20.32 *	19.84 *	19.27 *	18.68 *	18.04 *	17.32 *	16.53 *	19.42 *
7	10.71 *	21.29 *	20.96 *	20.42 *	19.74 *	19.04 *	18.36 *	17.63 *	16.80 *	19.73 *
5	10.95 *	21.77 *	21.43 *	20.89 *	20.16 *	19.35 *	18.59 *	17.85 *	17.01 *	19.95 *
3	11.11 *	22.08 *	21.73 *	21.18 *	20.44 *	19.57 *	18.74 *	17.98 *	17.14 *	20.11 *
1	5.59 *	11.11 *	10.93 *	10.65 *	10.28 *	9.83 *	9.40 *	9.01 *	8.59 *	10.09 *
0	5.60 *	11.13 *	10.95 *	10.66 *	10.28 *	9.83 *	9.40 *	9.01 *	8.59 *	10.09 *
-1	11.15 *	22.16 *	21.81 *	21.24 *	20.46 *	19.58 *	18.76 *	17.99 *	17.15 *	20.12 *

LUMENS TABULATION - (Cont.)

-3	10.98 *	21.84 *	21.52 *	20.96 *	20.20 *	19.38 *	18.63 *	17.88 *	17.04 *	19.98 *
-5	10.69 *	21.30 *	21.02 *	20.51 *	19.80 *	19.09 *	18.41 *	17.67 *	16.85 *	19.77 *
-7	10.33 *	20.59 *	20.35 *	19.91 *	19.35 *	18.75 *	18.11 *	17.38 *	16.58 *	19.48 *
-9	9.97 *	19.87 *	19.67 *	19.33 *	18.89 *	18.36 *	17.73 *	17.03 *	16.25 *	19.08 *
-11	9.66 *	19.26 *	19.09 *	18.81 *	18.41 *	17.90 *	17.30 *	16.61 *	15.83 *	18.60 *
-13	9.36 *	18.68 *	18.53 *	18.23 *	17.83 *	17.34 *	16.77 *	16.11 *	15.36 *	18.05 *
-15	9.03 *	18.02 *	17.86 *	17.56 *	17.19 *	16.73 *	16.17 *	15.54 *	14.83 *	17.38 *
-17	10.76 *	21.45 *	21.24 *	20.92 *	20.50 *	19.94 *	19.29 *	18.52 *	17.62 *	20.52 *
-19.5	12.05 *	24.00 *	23.78 *	23.45 *	22.96 *	22.29 *	21.49 *	20.58 *	19.50 *	22.64 *
-22.5	11.02 *	21.91 *	21.71 *	21.40 *	20.88 *	20.21 *	19.43 *	18.56 *	17.62 *	20.62 *
-25.5	11.37 *	22.59 *	22.40 *	22.12 *	21.56 *	20.90 *	20.20 *	19.40 *	18.56 *	21.96 *
-29	11.18 *	22.23 *	22.08 *	21.84 *	21.39 *	20.80 *	20.19 *	19.47 *	18.65 *	22.11 *
-33	10.37 *	20.62 *	20.51 *	20.31 *	19.92 *	19.41 *	18.83 *	18.14 *	17.34 *	20.51 *
-37.5	8.70 *	17.30 *	17.23 *	17.07 *	16.70 *	16.32 *	15.89 *	15.37 *	14.74 *	17.46 *
-42.5	6.18 *	12.30 *	12.26 *	12.12 *	11.86 *	11.59 *	11.30 *	10.96 *	10.51 *	12.44 *
-47.5	5.84 *	11.63 *	11.58 *	11.40 *	11.13 *	10.87 *	10.48 *	10.01 *	9.47 *	11.04 *
-55	3.34	6.69	6.66	6.50	6.29	6.09	5.79	5.38	4.94	5.66
-65	0.82	1.67	1.69	1.64	1.56	1.48	1.37	1.27	1.20	1.43
-75	0.19	0.37	0.39	0.38	0.37	0.37	0.35	0.35	0.33	0.39
-85	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03
-90										
Total	357.32	711.36	704.43	692.21	674.49	653.91	631.35	606.38	578.27	679.68

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	0.10	0.12	0.16	0.18	0.19	0.18	0.13	0.13	0.07	0.03
85	0.68	0.69	0.79	0.86	0.87	0.86	0.66	0.65	0.39	0.13
75	1.88	1.70	1.84	1.91	1.92	1.79	1.31	1.29	0.83	0.27
65	6.73	6.14	6.43	5.81	4.77	3.93	2.85	2.67	1.55	0.47
55	12.88 *	11.53	11.88	11.19	9.09	6.59	4.31	3.75	1.96	0.53

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.

LUMENS TABULATION - (Cont.)

47.5	14.05 *	12.75 *	13.09 *	12.57 *	10.85 *	8.12	5.02	3.86	1.82	0.47
42.5	19.23 *	17.59 *	18.05 *	17.21 *	15.13 *	11.77 *	7.24	5.31	2.36	0.59
37.5	22.50 *	20.38 *	20.81 *	19.81 *	17.27 *	13.38 *	8.24	6.12	2.74	0.63
33	24.34 *	21.93 *	22.33 *	21.15 *	18.31 *	14.21 *	8.80 *	6.74	3.05	0.63
29	24.39 *	22.05 *	22.42 *	21.17 *	18.29 *	14.16 *	8.92 *	7.09	3.20	0.60
25.5	22.97 *	20.85 *	21.29 *	20.08 *	17.33 *	13.38 *	8.53 *	6.95	3.14	0.56
22.5	24.99 *	22.48 *	23.05 *	21.80 *	18.78 *	14.54 *	9.28 *	7.63	3.48	0.59
19.5	22.41 *	19.89 *	20.35 *	19.34 *	16.64 *	12.86 *	8.20 *	6.77 *	3.09	0.51
17	18.89 *	16.66 *	16.97 *	16.16 *	13.91 *	10.70 *	6.83 *	5.69 *	2.60	0.42
15	19.67 *	17.33 *	17.51 *	16.67 *	14.41 *	11.10 *	7.08 *	5.90 *	2.71	0.43
13	20.35 *	17.99 *	18.02 *	17.12 *	14.84 *	11.45 *	7.28 *	6.05 *	2.80	0.44
11	20.89 *	18.54 *	18.53 *	17.53 *	15.23 *	11.70 *	7.43 *	6.23 *	2.91	0.45
9	21.32 *	19.00 *	19.02 *	17.89 *	15.55 *	11.95 *	7.58 *	6.37 *	2.97	0.46
7	21.65 *	19.34 *	19.41 *	18.19 *	15.78 *	12.13 *	7.67 *	6.43 *	2.99	0.46
5	21.89 *	19.55 *	19.63 *	18.40 *	15.93 *	12.23 *	7.73 *	6.48 *	3.02	0.46
3	22.05 *	19.68 *	19.77 *	18.53 *	16.02 *	12.32 *	7.80 *	6.52 *	3.03	0.47
1	11.07 *	9.88 *	9.92 *	9.29 *	8.04 *	6.18 *	3.92 *	3.27 *	1.51	0.23
0	11.07 *	9.88 *	9.92 *	9.30 *	8.04 *	6.18 *	3.92 *	3.27 *	1.51	0.23
-1	22.06 *	19.69 *	19.79 *	18.56 *	16.03 *	12.32 *	7.81 *	6.53 *	3.02	0.47
-3	21.92 *	19.57 *	19.70 *	18.48 *	15.94 *	12.23 *	7.75 *	6.49 *	3.00	0.47
-5	21.70 *	19.39 *	19.51 *	18.28 *	15.79 *	12.13 *	7.70 *	6.44 *	2.96	0.47
-7	21.38 *	19.06 *	19.13 *	17.98 *	15.57 *	11.95 *	7.61 *	6.39 *	2.95	0.47
-9	20.96 *	18.60 *	18.65 *	17.62 *	15.25 *	11.70 *	7.47 *	6.27 *	2.91	0.47
-11	20.41 *	18.06 *	18.16 *	17.21 *	14.86 *	11.45 *	7.32 *	6.11 *	2.83	0.46
-13	19.70 *	17.37 *	17.61 *	16.74 *	14.44 *	11.10 *	7.12 *	5.97 *	2.74	0.45
-15	18.82 *	16.59 *	16.99 *	16.20 *	13.95 *	10.70 *	6.85 *	5.74 *	2.62	0.44
-17	22.17 *	19.68 *	20.30 *	19.39 *	16.68 *	12.85 *	8.20 *	6.75	3.08	0.53
-19.5	24.66 *	22.21 *	23.00 *	21.89 *	18.82 *	14.52 *	9.20 *	7.49	3.41	0.62

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.

LUMENS TABULATION - (Cont.)

-22.5	22.82 *	20.79 *	21.35 *	20.19 *	17.37 *	13.36 *	8.41 *	6.75	3.07	0.59
-25.5	24.50 *	22.21 *	22.59 *	21.28 *	18.32 *	14.12 *	8.77 *	6.84	3.12	0.65
-29	24.60 *	22.16 *	22.51 *	21.27 *	18.33 *	14.14 *	8.65 *	6.48	2.94	0.70
-33	22.79 *	20.61 *	20.98 *	19.90 *	17.25 *	13.27 *	8.07	5.86	2.63	0.72
-37.5	19.45 *	17.62 *	18.01 *	17.25 *	14.99 *	11.33 *	6.80	4.96	2.29	0.69
-42.5	13.85 *	12.57 *	12.96 *	12.38 *	10.42	7.46	4.40	3.43	1.75	0.56
-47.5	12.28 *	11.26	11.48	10.43	8.25	5.78	3.63	3.22	1.85	0.64
-55	6.32	5.78	5.67	4.90	3.97	3.17	2.31	2.28	1.48	0.59
-65	1.56	1.39	1.46	1.48	1.46	1.38	1.11	1.16	0.85	0.39
-75	0.46	0.46	0.56	0.64	0.68	0.76	0.73	0.76	0.51	0.24
-85	0.06	0.07	0.10	0.13	0.15	0.20	0.21	0.21	0.12	0.06
-90										
Total	748.48	671.10	681.70	644.37	555.69	427.62	270.84	221.31	103.90	20.74

Vert. Angles	**Horizontal Angles**		
	75	**85**	**90**	**Total**
90	0.02	0.00	1.84
85	0.06	0.01	11.42
75	0.09	0.01	31.59
65	0.13	0.01	104.49
55	0.13	0.01	183.77
47.5	0.10	0.01	195.12
42.5	0.12	0.01	268.14
37.5	0.12	0.01	314.83
33	0.11	0.01	339.21
29	0.11	0.01	342.23
25.5	0.10	0.00	327.74
22.5	0.10	0.00	358.18
19.5	0.09	0.00	319.61
17	0.07	0.00	268.12

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.

LUMENS TABULATION - (Cont.)

15	0.07	0.00	278.11
13	0.07	0.00	287.00
11	0.07	0.00	295.16
9	0.07	0.00	302.63
7	0.07	0.00	308.81
5	0.07	0.00	313.36
3	0.07	0.00	316.34
1	0.04	0.00	158.84
0	0.04	0.00	158.91
-1	0.08	0.00	316.79
-3	0.08	0.00	314.05
-5	0.08	0.00	309.57
-7	0.08	0.00	303.39
-9	0.08	0.00	296.17
-11	0.08	0.00	288.42
-13	0.08	0.00	279.59
-15	0.08	0.00	269.29
-17	0.09	0.00	320.51
-19.5	0.11	0.00	358.68
-22.5	0.11	0.00	328.17
-25.5	0.13	0.01	343.59
-29	0.14	0.01	341.86
-33	0.15	0.01	318.19
-37.5	0.15	0.01	270.32
-42.5	0.13	0.01	191.44
-47.5	0.17	0.01	172.44
-55	0.18	0.01	94.03
-65	0.13	0.01	26.53

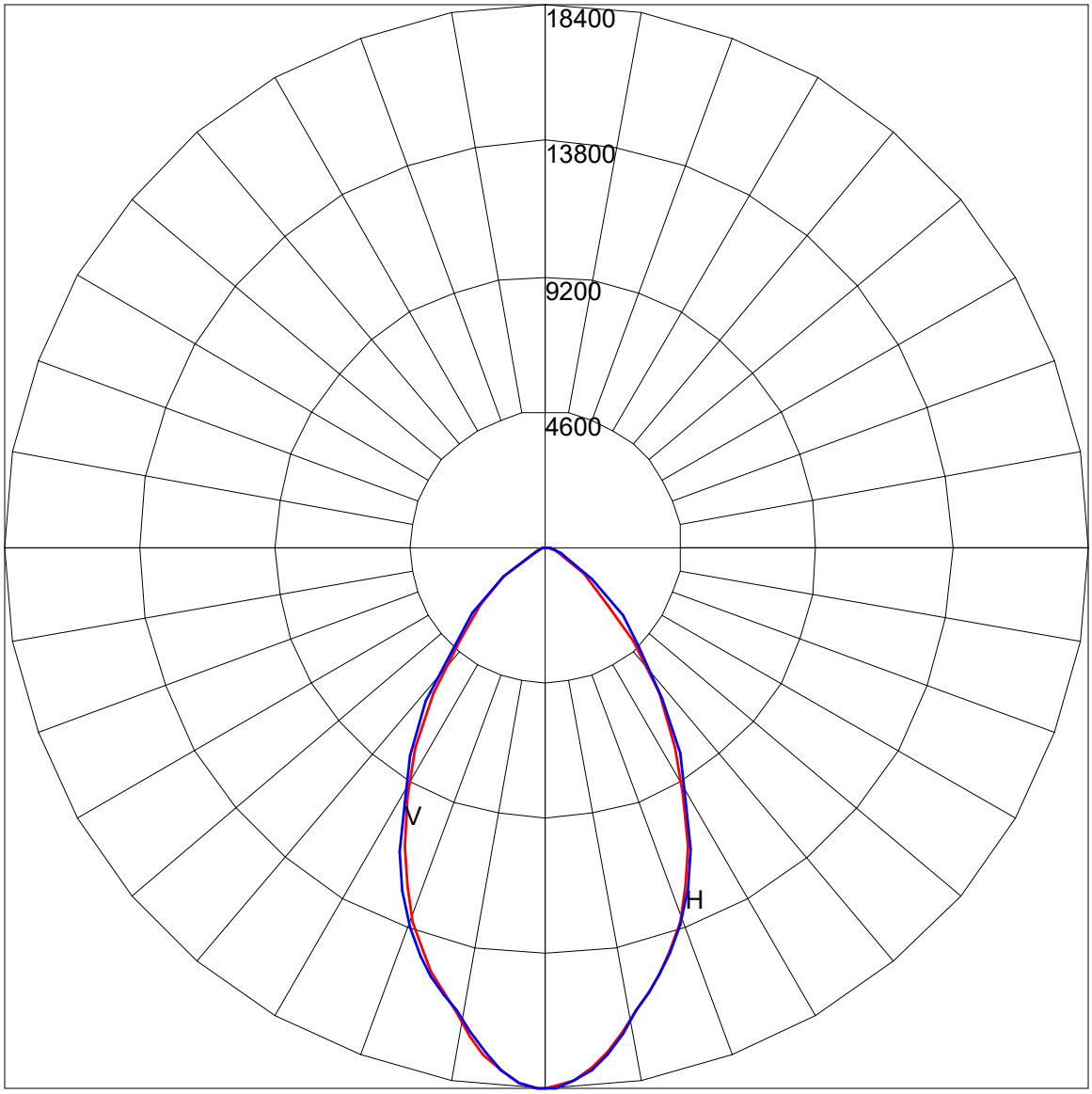
Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

LUMENS TABULATION - (Cont.)

-75			
	0.09	0.01	9.39
-85			
	0.02	0.00	1.62
-90			
Total	4.13	0.22	10639.49

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLC2-HB-150LED-RT-60DB_2016.IES

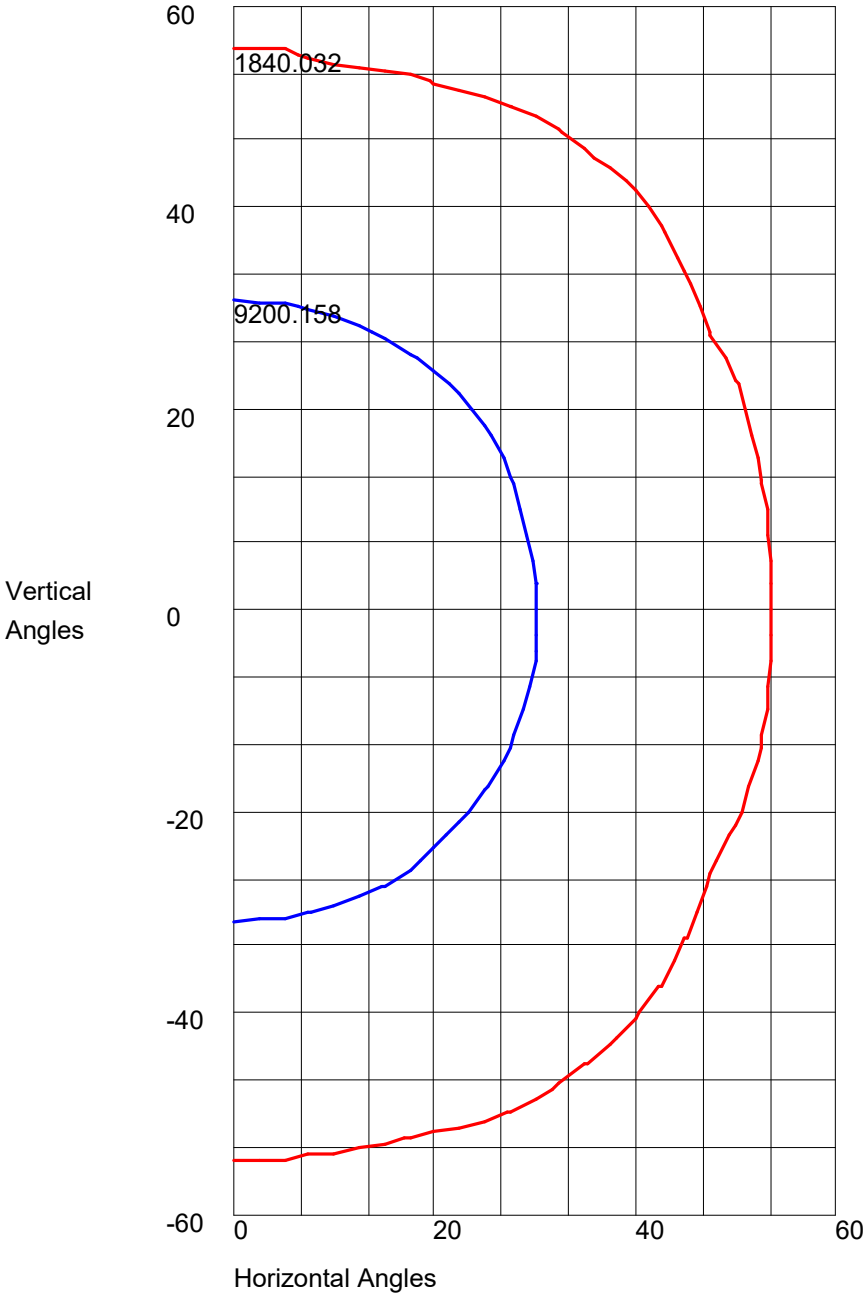
AXIAL CANDELA DISPLAY



Maximum Candela = 18400.317 Located At Horizontal Angle = 0, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLC2-HB-150LED-RT-60DB_2016.IES

ISOCANDELA CURVES



Maximum Candela = 18400.317 Located At Horizontal Angle = 0, Vertical Angle = 0
50% Maximum Candela = 9200.1585
10% Maximum Candela = 1840.0317

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 : EPLC2-HB-150LED-RT-125DB_2016.IES

DESCRIPTIVE INFORMATION (From Photometric File)

[MANUFAC] Larson Electronics LLC
[LUMCAT] EPLC2-HB-150LED-RT-125DB
[LUMINAIRE] CLASS 1 DIV 2 EXPLOSION PROOF LED FIXTURE - 125 DEGREE BEAM
[LAMP] LED
[VOLTAGE] 220.2 V
[CURRENT] 0.679 A
[POWERFACTOR] 0.943
[TESTINST] LSG-1600B
[TESTDIST] 6.035 M

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

CHARACTERISTICS



NEMA Type	7 H x 7 V
Maximum Candela	10810.66
Maximum Candela Angle	-3H 0V
Horizontal Beam Angle (50%)	90.1
Vertical Beam Angle (50%)	86.5
Horizontal Field Angle (10%)	130.7
Vertical Field Angle (10%)	130.7
Lumens Per Lamp	20698.47 (1 lamp)
Total Lamp Lumens	20698.47
Beam Lumens	14434
Beam Efficiency	70 %
Field Lumens	20124
Field Efficiency	97 %
Spill Lumens	665
Luminaire Lumens	20789
Total Efficiency	100 %
Total Luminaire Watts	150
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 : EPLC2-HB-150LED-RT-125DB_2016.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	13.6	90	13.617
85	66.25	85	88.756
75	138.86	75	167.308
65	1168.209	65	1216.615
55	3557.261	55	2900.764
47.5	4941.401	47.5	4452.852
42.5	6000.896	42.5	5790.059
37.5	6844.668	37.5	6765.907
33	7488.223	33	7430.478
29	8072.111	29	8114.158
25.5	8625.221	25.5	8750.065
22.5	9125.879	22.5	9243.707
19.5	9619.522	19.5	9696.6
17	9978.349	17	10031.432
15	10217.85	15	10254.803
13	10423.809	13	10436.544
11	10576.685	11	10574.987
9	10681.139	9	10668.404
7	10743.993	7	10716.394
5	10769.045	5	10733.806
3	10789.004	3	10738.467
1	10798.775	1	10743.561
0	10749.535	0	10749.535
-1	10805.999	-1	10743.993
-3	10810.66	-3	10749.519
-5	10807.264	-5	10734.655
-7	10784.759	-7	10687.946
-9	10733.373	-9	10594.946
-11	10631.467	-11	10452.69
-13	10479.007	-13	10268.819
-15	10276.027	-15	10035.677
-17	10023.359	-17	9765.614
-19.5	9652.015	-19.5	9375.992
-22.5	9154.119	-22.5	8880.427
-25.5	8629.465	-25.5	8367.883
-29	8038.569	-29	7738.344
-33	7473.358	-33	7117.935
-37.5	6812.4	-37.5	6436.793
-42.5	5909.176	-42.5	5373.487
-47.5	4822.924	-47.5	4013.126
-55	3390.386	-55	2729.627
-65	1049.724	-65	932.952
-75	123.579	-75	151.594
-85	51.802	-85	53.933
-90	9.78	-90	9.767

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 : EPLC2-HB-150LED-RT-125DB_2016.IES

CANDELA TABULATION
Maximum Candela = 10810.66
Beam Edge = 5405.33 Cd (50% of Max.)
Field Edge = 1081.066 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
90.0	9.773	10.527	12.047	13.145	12.959	12.818	12.729	12.648	12.576	12.512
85.0	9.773	11.423	19.590	36.846	48.142	54.452	59.736	66.328	70.224	73.848
75.0	9.775	13.519	52.044	73.216	90.501	102.403	110.823	123.025	133.433	142.758
65.0	9.776	17.398	67.875	97.583	139.349	184.657	251.642	380.723	543.198	705.852
55.0	9.777	29.306	78.593	138.253	403.003	836.093	1103.149	*1374.717	*1769.724	*2141.777 *
47.5	9.778	36.566	86.918	188.185	934.191	1584.429	*2097.758	*2787.307	*3380.523	*3729.389 *
42.5	9.778	40.810	93.723	289.011	1337.128	*2262.104	*3058.911	*3859.570	*4516.222	*4814.242 *
37.5	9.779	45.197	100.861	426.885	1791.575	*2985.819	*3820.231	*4658.163	*5271.705	*5640.699 *
33.0	9.779	46.594	106.332	557.906	2166.194	*3505.352	*4366.095	*5156.530	*5757.696	*6174.604 *
29.0	9.779	47.921	110.645	675.290	2469.168	*3858.896	*4738.669	*5557.435	*6140.212	*6574.040 *
25.5	9.779	48.937	115.108	769.566	2704.267	*4115.013	*5007.000	*5848.400	*6448.749	*6881.858 *
22.5	9.779	49.696	118.423	843.802	2879.819	*4293.774	*5237.234	*6086.654	*6688.277	*7137.898 *
19.5	9.780	50.347	120.981	907.612	3033.578	*4445.238	*5428.625	*6298.722	*6894.173	*7339.694 *
17.0	9.780	50.807	122.442	953.962	3140.754	*4552.589	*5560.025	*6442.240	*7039.520	*7499.084 *
15.0	9.780	51.118	123.362	985.756	3211.040	*4627.619	*5655.456	*6533.925	*7136.746	*7617.686 *
13.0	9.780	51.379	124.063	1013.319	3277.285	*4692.976	*5756.808	*6614.828	*7219.636	*7726.012 *
11.0	9.780	52.398	124.550	1035.054	3317.365	*4748.067	*5806.287	*6682.501	*7294.939	*7818.851 *
9.0	9.780	52.290	124.826	1050.934	3352.421	*4791.063	*5858.183	*6734.983	*7368.998	*7897.716 *
7.0	9.780	52.183	124.895	1060.939	3377.917	*4821.931	*5895.996	*6785.061	*7408.449	*7961.663 *
5.0	9.780	52.074	125.346	1065.065	3393.732	*4839.929	*5917.678	*6803.337	*7444.295	*8008.687 *
3.0	9.780	51.965	124.640	1069.856	3410.864	*4843.934	*5925.231	*6816.965	*7466.550	*8035.552 *
1.0	9.780	51.857	123.933	1056.439	3397.218	*4833.583	*5918.239	*6817.366	*7476.525	*8044.865 *
0.0	9.780	51.802	123.579	1049.724	3390.386	*4822.924	*5909.176	*6812.400	*7473.358	*8038.569 *
-1.0	9.780	51.802	123.609	1049.891	3387.941	*4823.571	*5907.244	*6807.560	*7465.717	*8030.876 *
-3.0	9.779	51.748	123.670	1050.226	3383.057	*4813.938	*5892.100	*6787.446	*7434.149	*7994.045 *
-5.0	9.779	51.712	123.730	1032.430	3347.090	*4790.066	*5861.972	*6753.804	*7390.388	*7940.891 *
-7.0	9.779	51.675	122.661	1015.390	3312.277	*4752.395	*5816.997	*6715.232	*7333.176	*7869.578 *
-9.0	9.779	51.640	121.979	992.609	3267.448	*4702.429	*5756.403	*6642.079	*7272.637	*7781.718 *
-11.0	9.779	51.604	121.109	964.128	3212.637	*4641.253	*5681.885	*6565.030	*7182.248	*7677.320 *
-13.0	9.779	50.375	120.051	930.005	3152.435	*4568.851	*5609.990	*6473.487	*7090.766	*7563.440 *
-15.0	9.779	49.937	118.805	890.303	3064.527	*4483.447	*5483.887	*6369.080	*6988.169	*7449.382 *
-17.0	9.779	49.439	117.371	846.579	2971.845	*4384.971	*5363.878	*6248.126	*6872.968	*7325.799 *
-19.5	9.779	48.732	115.315	785.660	2834.128	*4251.716	*5202.481	*6081.646	*6709.868	*7157.648 *
-22.5	9.779	47.759	112.031	704.979	2639.178	*4064.923	*4990.919	*5854.290	*6480.055	*6943.488 *
-25.5	9.779	46.650	107.965	616.414	2421.630	*3843.714	*4761.407	*5608.754	*6228.921	*6669.112 *
-29.0	9.778	45.185	102.671	509.544	2145.231	*3560.980	*4472.285	*5307.687	*5909.667	*6348.802 *
-33.0	9.778	43.288	98.271	386.444	1814.441	*3167.357	*4046.663	*4902.914	*5509.982	*5944.898 *
-37.5	9.778	41.227	93.230	264.786	1430.632	*2594.861	*3441.165	*4332.435	*5011.953	*5359.871 *
-42.5	9.777	36.123	86.753	176.015	1033.579	1888.309	*2630.162	*3417.701	*4120.148	*4446.531 *
-47.5	9.777	31.152	80.113	146.308	644.313	1303.238	*1735.097	*2305.386	*2932.618	*3325.157 *
-55.0	9.776	23.125	71.850	115.295	222.632	580.226	874.222	1160.340	*1474.427	*1778.502 *
-65.0	9.775	12.048	60.946	83.604	118.555	150.756	173.784	232.620	320.644	425.880
-75.0	9.773	10.438	32.540	61.460	78.420	92.740	101.500	109.898	117.280	123.683
-85.0	9.772	10.271	10.056	10.525	13.992	20.403	24.910	28.079	30.310	32.954
-90.0	9.771	10.149	10.901	11.320	10.754	10.331	10.332	10.614	10.869	11.094

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 : EPLC2-HB-150LED-RT-125DB_2016.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	12.456	12.408	12.571	12.706	12.814	12.921	13.029	13.136	13.243	13.350
85.0	76.942	79.569	81.159	82.410	83.352	84.240	85.840	86.370	86.900	87.430
75.0	150.969	157.573	161.179	163.278	164.668	165.804	166.689	167.329	167.729	168.579
65.0	849.720	972.599	1068.001	1115.487	*1148.401	*1176.445	*1198.692	*1215.112	*1225.682	*1230.397 *
55.0	2415.473	*2584.586	*2683.901	*2743.781	*2787.987	*2829.002	*2857.270	*2881.139	*2897.682	*2907.082 *
47.5	3946.452	*4089.860	*4202.779	*4280.397	*4361.184	*4426.265	*4477.436	*4512.849	*4530.073	*4529.101 *
42.5	5031.986	*5221.752	*5380.057	*5505.632	*5594.258	*5687.519	*5727.421	*5772.876	*5805.158	*5820.650 *
37.5	5874.495	*6075.266	*6263.876	*6402.923	*6501.418	*6580.156	*6642.654	*6691.544	*6739.661	*6757.778 *
33.0	6447.840	*6667.011	*6859.915	*7000.204	*7094.988	*7178.264	*7256.174	*7333.286	*7375.105	*7411.267 *
29.0	6881.950	*7131.980	*7329.660	*7496.400	*7625.608	*7748.381	*7861.121	*7954.984	*8027.300	*8079.010 *
25.5	7221.606	*7491.683	*7741.331	*7948.926	*8114.259	*8269.840	*8413.961	*8532.104	*8617.900	*8684.122 *
22.5	7483.774	*7787.037	*8074.519	*8315.074	*8506.630	*8682.106	*8844.105	*8986.152	*9087.686	*9168.317 *
19.5	7729.182	*8063.467	*8392.624	*8663.385	*8876.470	*9076.779	*9258.099	*9416.325	*9536.525	*9617.210 *
17.0	7920.392	*8291.226	*8654.871	*8941.758	*9174.172	*9394.849	*9583.539	*9743.455	*9869.113	*9950.739 *
15.0	8069.711	*8468.135	*8855.396	*9167.410	*9422.341	*9623.899	*9812.090	*9969.011	*10092.052	*10174.757 *
13.0	8210.239	*8630.482	*9041.985	*9377.045	*9617.412	*9823.798	*10012.885	*10159.753	*10275.928	*10359.952 *
11.0	8335.204	*8780.768	*9214.247	*9557.667	*9797.871	*10006.717	*10174.096	*10316.001	*10430.109	*10511.051 *
9.0	8435.454	*8902.919	*9362.316	*9710.263	*9947.469	*10149.973	*10313.477	*10440.326	*10539.541	*10608.333 *
7.0	8517.143	*9001.916	*9477.109	*9829.545	*10065.382	*10265.833	*10423.962	*10536.619	*10617.704	*10673.308 *
5.0	8578.802	*9081.063	*9563.889	*9919.454	*10157.894	*10351.547	*10500.860	*10601.447	*10668.029	*10707.443 *
3.0	8617.273	*9129.439	*9621.542	*9982.244	*10225.744	*10419.922	*10561.440	*10652.186	*10690.426	*10713.379 *
1.0	8631.545	*9153.219	*9649.453	*10021.140	*10270.612	*10469.300	*10616.653	*10712.369	*10754.834	*10760.000 *
0.0	8629.465	*9154.119	*9652.015	*10023.359	*10276.027	*10479.007	*10631.467	*10733.373	*10784.759	*10807.264 *
-1.0	8615.917	*9136.602	*9633.139	*10007.699	*10258.936	*10462.690	*10616.068	*10720.440	*10776.057	*10801.305 *
-3.0	8570.439	*9079.935	*9571.844	*9940.830	*10189.847	*10397.073	*10554.763	*10669.157	*10742.906	*10775.780 *
-5.0	8500.902	*8999.660	*9479.377	*9847.481	*10095.783	*10305.323	*10477.548	*10601.282	*10687.545	*10737.315 *
-7.0	8408.804	*8887.708	*9359.412	*9721.889	*9975.023	*10191.171	*10374.541	*10506.601	*10603.570	*10657.558 *
-9.0	8297.424	*8755.579	*9211.769	*9574.268	*9831.567	*10049.736	*10234.092	*10377.158	*10475.671	*10537.611 *
-11.0	8170.908	*8609.221	*9043.934	*9395.105	*9652.714	*9877.276	*10056.950	*10203.337	*10310.336	*10387.557 *
-13.0	8032.814	*8447.003	*8859.530	*9191.372	*9440.234	*9661.708	*9847.658	*9987.640	*10095.823	*10176.496 *
-15.0	7884.724	*8273.237	*8658.278	*8965.402	*9214.415	*9413.345	*9593.294	*9739.964	*9850.264	*9937.655 *
-17.0	7732.689	*8092.059	*8443.957	*8730.455	*8942.136	*9138.640	*9313.670	*9456.991	*9566.075	*9664.906 *
-19.5	7532.996	*7855.359	*8170.061	*8420.204	*8612.043	*8786.394	*8942.156	*9072.685	*9184.674	*9279.779 *
-22.5	7279.841	*7571.632	*7833.342	*8041.340	*8202.999	*8353.346	*8493.608	*8605.606	*8711.420	*8795.708 *
-25.5	7002.874	*7263.735	*7479.094	*7649.206	*7780.404	*7908.984	*8026.461	*8134.130	*8223.131	*8293.431 *
-29.0	6648.041	*6881.743	*7058.270	*7195.877	*7292.285	*7382.642	*7468.668	*7557.757	*7632.849	*7689.995 *
-33.0	6191.411	*6385.422	*6564.435	*6690.838	*6776.827	*6845.965	*6918.543	*6993.184	*7038.686	*7079.975 *
-37.5	5556.147	*5740.825	*5912.089	*6040.160	*6128.051	*6209.617	*6283.972	*6341.265	*6395.982	*6418.756 *
-42.5	4645.120	*4793.287	*4896.824	*4990.834	*5077.031	*5199.327	*5259.118	*5321.910	*5366.389	*5390.395 *
-47.5	3526.839	*3628.924	*3697.462	*3737.000	*3834.460	*3912.476	*3974.788	*4019.782	*4047.455	*4058.486 *
-55.0	2046.186	*2240.688	*2387.421	*2475.436	*2536.037	*2592.408	*2630.470	*2664.938	*2692.267	*2712.300 *
-65.0	531.822	627.213	711.325	766.465	804.958	839.235	868.307	892.114	910.604	923.737
-75.0	129.518	134.333	138.171	141.188	143.328	145.223	146.874	148.279	149.441	151.108
-85.0	35.196	37.014	40.248	42.764	44.629	46.356	50.388	51.032	51.677	52.321
-90.0	11.292	11.461	11.235	11.047	10.896	10.746	10.595	10.444	10.294	10.143

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	13.457	13.564	13.617	13.638	13.679	13.720	13.761	13.802	13.842	13.883
85.0	87.961	88.491	88.756	88.529	88.074	87.620	87.165	86.711	86.256	84.543
75.0	168.071	167.562	167.308	167.660	168.363	169.066	168.472	168.337	168.001	167.466
65.0	1235.791	*1223.008	*1216.615	*1222.113	*1233.105	*1226.070	*1219.826	*1207.927	*1190.434	*1167.424 *

CANDELA TABULATION - (Cont.)

55.0	2916.791	2906.109	2900.764	2905.510	2914.996	2903.863	2892.875	2874.447	2848.316	2817.415
47.5	4511.571	4476.846	4452.852	4476.319	4509.939	4526.205	4525.652	4506.443	4468.408	4413.918
42.5	5820.828	5804.621	5790.059	5805.703	5824.215	5826.773	5814.721	5783.884	5738.333	5697.498
37.5	6771.231	6771.203	6765.907	6772.768	6775.910	6765.527	6750.418	6703.951	6655.956	6596.819
33.0	7431.054	7436.610	7430.478	7438.169	7435.747	7419.133	7386.208	7347.670	7276.431	7203.440
29.0	8109.735	8121.279	8114.158	8122.952	8114.676	8087.010	8038.018	7969.910	7883.821	7772.054
25.5	8728.102	8748.800	8750.065	8749.755	8731.282	8690.451	8625.881	8540.315	8429.027	8294.058
22.5	9216.164	9241.220	9243.707	9241.822	9217.641	9169.775	9091.236	8992.393	8857.376	8706.621
19.5	9670.394	9694.923	9696.600	9695.486	9672.006	9619.944	9542.001	9427.264	9275.473	9098.728
17.0	10004.30	10033.30	10031.43	10034.65	10008.28	69957.121	9876.601	9755.057	9601.742	9420.226
15.0	10225.81	10255.45	10254.80	10258.22	10233.46	10185.63	10104.35	89985.563	9834.910	9652.080
13.0	10409.37	10437.29	10436.54	10439.22	10415.31	10370.27	10292.24	10178.46	10034.60	69856.017
11.0	10550.56	10575.18	10574.98	10577.05	10556.41	10521.07	10442.00	10334.38	10196.16	10030.318
9.0	10648.97	10668.64	10668.40	10669.84	10652.97	10616.88	10552.01	10455.48	10333.48	10171.983
7.0	10705.21	10716.54	10716.39	10718.23	10708.43	10682.40	10632.04	10553.50	10442.54	10284.999
5.0	10725.22	10732.52	10733.80	10736.79	10735.35	10720.69	10687.51	10622.42	10519.39	10364.763
3.0	10723.39	10733.45	10738.46	10744.60	10749.93	10744.26	10721.32	10662.09	10558.26	10407.680
1.0	10731.90	10719.76	10743.56	10765.55	10775.86	10762.01	10739.72	10681.73	10579.97	10428.869
0.0	10810.66	10805.99	10749.53	10798.77	10789.00	41769.045	10743.99	10681.13	10576.68	10423.809
-1.0	10799.81	10775.90	11743.99	10713.06	10707.86	21721.355	10706.12	10648.03	10544.34	10394.193
-3.0	10780.90	10760.24	10749.51	10733.04	10703.75	11669.985	10619.24	10557.41	10451.79	10302.964
-5.0	10748.10	10743.41	10734.65	10723.53	10690.60	31654.312	10586.98	10486.48	10357.54	10188.895
-7.0	10682.54	10694.71	10687.94	10678.71	10635.52	01590.149	10520.21	10410.27	10270.03	10083.938
-9.0	10576.67	10600.11	31594.94	10586.89	10540.76	41484.407	10406.01	51297.972	10147.46	69959.840
-11.0	10427.98	21455.749	10452.69	10446.17	10398.48	51338.060	10252.96	01137.634	99990.943	9800.212
-13.0	10237.19	91270.743	10268.81	91262.789	10213.60	51138.026	10050.07	09935.467	9788.041	9601.020
-15.0	10001.10	01036.696	10035.67	71030.436	99982.651	9907.901	9810.646	9694.005	9544.542	9360.173
-17.0	9730.590	9766.645	9765.614	9761.163	9714.579	9639.501	9533.665	9419.498	9269.606	9098.366
-19.5	9342.031	9372.587	9375.992	9368.275	9328.715	9257.338	9157.907	9040.882	8907.699	8755.591
-22.5	8848.296	8876.788	8880.427	8873.411	8838.756	8781.617	8691.096	8578.627	8464.950	8327.459
-25.5	8342.322	8365.798	8367.883	8363.225	8334.936	8282.213	8209.870	8121.143	8014.880	7900.934
-29.0	7725.475	7742.002	7738.344	7742.196	7726.237	7691.791	7636.441	7562.295	7471.424	7386.351
-33.0	7106.516	7119.874	7117.935	7120.256	7107.646	7081.816	7041.174	6996.254	6919.421	6844.345
-37.5	6436.709	6440.482	6436.793	6440.325	6436.169	6417.633	6394.042	6339.009	6281.528	6208.626
-42.5	5397.418	5386.250	5373.487	5387.160	5400.203	5395.218	5373.520	5331.519	5271.485	5214.639
-47.5	4052.921	4030.600	4013.126	4032.130	4057.359	4065.385	4056.073	4030.439	3988.736	3930.249
-55.0	2733.497	2730.918	2729.627	2729.627	2729.627	2705.768	2683.015	2652.863	2615.437	2574.289
-65.0	937.575	934.493	932.952	933.348	934.139	918.109	902.857	882.379	856.751	826.061
-75.0	151.302	151.497	151.594	151.594	151.594	151.594	150.137	149.188	148.005	146.588
-85.0	52.966	53.611	53.933	53.535	52.739	51.943	51.147	50.351	49.555	45.656
-90.0	9.993	9.842	9.767	9.767	9.768	9.770	9.771	9.772	9.773	9.774

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	13.924	13.964	14.015	14.075	14.125	14.184	14.252	14.328	14.413	14.503
85.0	83.629	82.631	81.260	79.406	76.690	73.455	69.698	65.770	59.701	55.020
75.0	166.736	165.817	164.406	161.240	154.482	145.976	136.449	126.008	116.725	106.825
65.0	1138.980	1104.426	1053.154	957.953	843.622	706.668	548.961	388.314	259.133	190.649
55.0	2774.772	2728.994	2669.897	2578.997	2418.303	2156.718	1800.624	1417.253	1137.534	853.162
47.5	4348.206	4270.935	4199.369	4095.430	3961.059	3757.278	3426.335	2836.823	2146.718	1622.652
42.5	5600.881	5508.547	5381.093	5225.255	5043.383	4839.849	4562.098	3918.437	3118.564	2311.629
37.5	6524.502	6424.406	6284.473	6097.402	5889.847	5659.867	5304.517	4716.286	3892.334	3053.254
33.0	7122.082	7032.840	6898.888	6707.775	6486.248	6199.836	5781.980	5201.170	4432.509	3584.955
29.0	7652.948	7530.015	7373.157	7182.963	6940.193	6628.642	6172.889	5595.781	4796.524	3946.882
25.5	8144.727	7984.052	7784.525	7543.921	7280.178	6937.365	6491.525	5888.404	5067.127	4197.276

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.)

22.5	8534.619	*8353.432	*8119.831	*7837.235	*7541.127	*7196.500	*6730.192	*6128.863	*5297.644	*4381.012 *
19.5	8908.881	*8704.998	*8436.641	*8114.395	*7788.821	*7401.040	*6944.998	*6345.191	*5486.076	*4535.340 *
17.0	9208.092	*8981.696	*8697.906	*8338.713	*7978.826	*7563.923	*7094.958	*6487.609	*5628.379	*4644.975 *
15.0	9452.938	*9204.350	*8894.666	*8510.586	*8124.178	*7685.661	*7194.676	*6582.976	*5724.248	*4723.498 *
13.0	9648.821	*9409.173	*9079.927	*8669.214	*8259.876	*7795.569	*7275.954	*6657.966	*5822.248	*4791.599 *
11.0	9827.329	*9588.000	*9248.353	*8813.524	*8380.082	*7883.305	*7343.389	*6722.941	*5876.441	*4849.086 *
9.0	9971.587	*9739.017	*9393.167	*8934.148	*8471.892	*7954.679	*7408.600	*6777.251	*5933.471	*4894.448 *
7.0	10086.663	*9852.593	*9498.241	*9022.768	*8543.647	*8012.342	*7443.994	*6826.599	*5976.372	*4927.890 *
5.0	10164.495	*9923.060	*9569.926	*9088.867	*8595.447	*8053.081	*7475.267	*6842.511	*6000.988	*4948.863 *
3.0	10206.996	*9966.334	*9612.304	*9122.124	*8624.921	*8074.853	*7491.846	*6853.183	*6011.525	*4956.268 *
1.0	10225.164	*9985.627	*9624.660	*9131.778	*8631.017	*8080.008	*7495.225	*6850.793	*6007.957	*4949.854 *
0.0	10217.850	*9978.349	*9619.522	*9125.879	*8625.221	*8072.111	*7488.223	*6844.668	*6000.896	*4941.401 *
-1.0	10190.702	*9952.513	*9591.497	*9102.040	*8604.958	*8057.477	*7476.340	*6834.251	*5992.658	*4936.147 *
-3.0	10103.519	*9866.338	*9513.147	*9033.274	*8546.655	*8007.695	*7435.364	*6803.518	*5965.709	*4915.316 *
-5.0	9992.201	*9754.868	*9405.569	*8941.982	*8464.716	*7942.493	*7381.687	*6759.607	*5924.897	*4881.175 *
-7.0	9863.920	*9612.138	*9269.060	*8818.840	*8363.649	*7860.270	*7314.128	*6710.442	*5870.406	*4834.304 *
-9.0	9735.374	*9475.131	*9117.356	*8676.178	*8246.153	*7761.351	*7243.471	*6630.452	*5796.101	*4775.126 *
-11.0	9571.453	*9313.547	*8967.561	*8535.660	*8108.549	*7646.866	*7141.393	*6547.017	*5706.430	*4703.609 *
-13.0	9373.296	*9125.603	*8796.259	*8381.837	*7977.768	*7519.596	*7038.819	*6448.749	*5619.205	*4620.177 *
-15.0	9166.062	*8916.599	*8605.008	*8223.523	*7842.703	*7405.155	*6926.983	*6336.688	*5486.100	*4527.034 *
-17.0	8904.743	*8690.034	*8402.075	*8051.007	*7698.223	*7285.618	*6813.859	*6209.089	*5356.080	*4424.541 *
-19.5	8579.530	*8390.505	*8142.996	*7828.571	*7503.510	*7118.821	*6655.596	*6035.475	*5175.628	*4281.193 *
-22.5	8181.861	*8022.595	*7817.484	*7552.068	*7256.454	*6909.335	*6440.802	*5818.598	*4953.236	*4085.414 *
-25.5	7775.148	*7640.430	*7469.000	*7251.436	*6988.926	*6643.516	*6192.653	*5568.011	*4742.146	*3864.863 *
-29.0	7294.188	*7192.679	*7053.369	*6874.440	*6642.193	*6331.322	*5874.366	*5273.313	*4470.225	*3587.054 *
-33.0	6773.474	*6689.235	*6560.411	*6379.404	*6170.313	*5910.265	*5480.278	*4893.533	*4069.600	*3190.572 *
-37.5	6129.363	*6035.718	*5906.260	*5729.916	*5539.244	*5344.033	*5010.133	*4353.193	*3481.408	*2605.597 *
-42.5	5101.815	*5016.469	*4912.839	*4803.699	*4653.891	*4478.376	*4164.758	*3468.757	*2651.329	*1887.438 *
-47.5	3856.470	*3762.680	*3723.102	*3650.011	*3546.452	*3352.248	*2971.887	*2344.758	*1755.494	*1303.989 *
-55.0	2515.186	*2451.875	*2363.595	*2227.110	*2040.723	*1787.180	*1489.308	*1180.175	*881.580	577.236
-65.0	790.404	750.344	693.011	610.362	519.688	420.075	321.526	237.971	179.343	154.696
-75.0	144.941	143.065	140.403	137.030	132.698	127.448	121.550	114.702	106.656	97.310
-85.0	43.929	42.110	39.725	36.750	35.393	33.635	31.486	29.624	26.556	22.309
-90.0	9.775	9.776	9.777	9.779	9.832	9.894	9.966	10.046	10.136	10.276

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	14.645	14.833	14.446	13.870	13.583
85.0	49.730	38.494	22.171	14.810	13.584
75.0	93.880	76.655	59.338	19.697	13.587
65.0	145.742	103.864	73.753	30.664	13.590
55.0	397.464	145.701	86.436	45.431	13.593
47.5	942.941	193.493	97.910	52.165	13.594
42.5	1349.920	*289.195	103.907	55.555	13.596
37.5	1818.416	*436.248	111.816	59.056	13.596
33.0	2223.840	*576.645	119.558	60.456	13.597
29.0	2544.057	*707.434	125.827	61.774	13.598
25.5	2802.949	*814.688	129.870	62.797	13.598
22.5	2995.605	*899.394	132.822	63.575	13.599
19.5	3153.936	*972.021	135.169	64.257	13.599
17.0	3267.333	*1025.611	136.637	64.752	13.599
15.0	3343.501	*1063.047	137.591	65.098	13.599
13.0	3414.713	*1096.329	*138.351	65.400	13.600
11.0	3458.852	*1123.865	*138.923	66.358	13.600
9.0	3498.069	*1145.547	*139.308	66.339	13.600

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 : EPLC2-HB-150LED-RT-125DB_2016.IES

CANDELA TABULATION - (Cont.)

7.0	3527.918	*1161.273	*139.511	66.319	13.600
5.0	3548.288	*1170.955	*140.047	66.299	13.600
3.0	3569.937	*1181.534	*139.573	66.280	13.600
1.0	3561.490	*1172.653	*139.098	66.250	13.600
0.0	3557.261	*1168.209	*138.860	66.250	13.600
-1.0	3550.205	*1165.322	*138.784	66.196	13.600
-3.0	3536.111	*1159.554	*138.632	66.087	13.600
-5.0	3491.488	*1134.414	*138.481	65.978	13.600
-7.0	3447.903	*1110.272	*137.331	65.870	13.600
-9.0	3394.353	*1080.238	136.516	65.762	13.600
-11.0	3330.822	*1044.445	135.529	65.654	13.599
-13.0	3261.824	*1003.034	134.367	64.490	13.599
-15.0	3163.911	*956.151	133.027	64.022	13.599
-17.0	3060.089	*905.927	131.509	63.497	13.599
-19.5	2909.568	*837.556	129.359	62.762	13.599
-22.5	2702.307	*748.535	126.177	61.763	13.598
-25.5	2461.944	*652.850	122.359	60.633	13.598
-29.0	2154.696	*537.095	117.318	59.151	13.597
-33.0	1798.082	*405.042	110.797	57.241	13.597
-37.5	1407.765	*282.623	103.414	55.143	13.596
-42.5	1010.074	188.917	96.739	50.729	13.595
-47.5	630.751	151.712	90.689	46.385	13.594
-55.0	225.764	122.014	79.157	38.595	13.592
-65.0	124.119	89.159	66.540	24.846	13.589
-75.0	82.466	64.516	39.667	16.739	13.586
-85.0	14.981	10.130	13.022	13.554	13.583
-90.0	10.561	10.940	11.886	13.018	13.582

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLC2-HB-150LED-RT-125DB_2016.IES

LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 10394.58
Total Field Lumens (one side of beam only) = 10061.9
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	0	1	3	5	7	9	11	13	15	17
90	0.08	0.16	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.17
85	0.39	0.78	0.78	0.77	0.77	0.76	0.75	0.74	0.73	0.89
75	2.11	4.25	4.25	4.22	4.18	4.11	4.02	3.91	3.78	4.52
65	6.28 *	12.60 *	12.59 *	12.50 *	12.38 *	12.20 *	11.98 *	11.70 *	11.38 *	13.71 *
55	8.42 *	16.91 *	16.93 *	16.88 *	16.75 *	16.55 *	16.28 *	15.94 *	15.53 *	18.83 *
47.5	7.81 *	15.69 *	15.71 *	15.67 *	15.55 *	15.37 *	15.13 *	14.83 *	14.45 *	17.50 *
42.5	9.57 *	19.16 *	19.13 *	19.04 *	18.88 *	18.64 *	18.37 *	18.02 *	17.59 *	21.31 *
37.5	9.73 *	19.46 *	19.41 *	19.29 *	19.11 *	18.87 *	18.57 *	18.22 *	17.82 *	21.63 *
33	9.47 *	18.94 *	18.87 *	18.73 *	18.53 *	18.26 *	17.93 *	17.56 *	17.15 *	20.80 *
29	8.99 *	17.96 *	17.87 *	17.72 *	17.50 *	17.21 *	16.86 *	16.45 *	16.01 *	19.36 *
25.5	8.22 *	16.41 *	16.32 *	16.16 *	15.94 *	15.66 *	15.31 *	14.91 *	14.47 *	17.44 *
22.5	8.65 *	17.27 *	17.17 *	17.00 *	16.76 *	16.44 *	16.04 *	15.60 *	15.12 *	18.19 *
19.5	7.51 *	15.00 *	14.91 *	14.76 *	14.55 *	14.26 *	13.91 *	13.51 *	13.08 *	15.70 *
17	6.18 *	12.34 *	12.27 *	12.15 *	11.97 *	11.74 *	11.46 *	11.13 *	10.77 *	12.91 *
15	6.30 *	12.58 *	12.52 *	12.40 *	12.22 *	12.00 *	11.72 *	11.39 *	11.02 *	13.20 *
13	6.40 *	12.78 *	12.72 *	12.60 *	12.43 *	12.21 *	11.94 *	11.62 *	11.25 *	13.47 *
11	6.47 *	12.92 *	12.86 *	12.76 *	12.59 *	12.38 *	12.12 *	11.81 *	11.44 *	13.71 *
9	6.51 *	13.01 *	12.96 *	12.86 *	12.72 *	12.52 *	12.27 *	11.96 *	11.60 *	13.90 *
7	6.53 *	13.06 *	13.01 *	12.93 *	12.81 *	12.63 *	12.39 *	12.08 *	11.71 *	14.04 *
5	6.54 *	13.07 *	13.04 *	12.97 *	12.87 *	12.70 *	12.47 *	12.16 *	11.79 *	14.13 *
3	6.54 *	13.08 *	13.06 *	13.01 *	12.91 *	12.75 *	12.52 *	12.21 *	11.84 *	14.19 *
1	3.28 *	6.56 *	6.55 *	6.52 *	6.47 *	6.39 *	6.27 *	6.12 *	5.93 *	7.10 *
0	3.28 *	6.56 *	6.55 *	6.52 *	6.47 *	6.39 *	6.27 *	6.11 *	5.92 *	7.09 *
-1	6.55 *	13.09 *	13.06 *	13.00 *	12.89 *	12.71 *	12.47 *	12.16 *	11.79 *	14.12 *

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 : EPLC2-HB-150LED-RT-125DB_2016.IES

LUMENS TABULATION - (Cont.)

-3	6.54 *	13.07 *	13.03 *	12.95 *	12.81 *	12.62 *	12.37 *	12.05 *	11.68 *	13.99 *
-5	6.52 *	13.03 *	12.97 *	12.88 *	12.73 *	12.52 *	12.25 *	11.93 *	11.55 *	13.82 *
-7	6.48 *	12.94 *	12.87 *	12.76 *	12.61 *	12.39 *	12.11 *	11.78 *	11.39 *	13.62 *
-9	6.41 *	12.79 *	12.72 *	12.60 *	12.44 *	12.22 *	11.94 *	11.60 *	11.21 *	13.40 *
-11	6.31 *	12.59 *	12.51 *	12.38 *	12.21 *	11.99 *	11.71 *	11.38 *	10.99 *	13.14 *
-13	6.18 *	12.33 *	12.24 *	12.11 *	11.94 *	11.72 *	11.44 *	11.12 *	10.74 *	12.86 *
-15	6.03 *	12.03 *	11.94 *	11.80 *	11.62 *	11.40 *	11.13 *	10.82 *	10.47 *	12.55 *
-17	7.29 *	14.53 *	14.43 *	14.25 *	14.03 *	13.77 *	13.45 *	13.08 *	12.68 *	15.23 *
-19.5	8.34 *	16.63 *	16.52 *	16.33 *	16.07 *	15.77 *	15.43 *	15.03 *	14.59 *	17.58 *
-22.5	7.88 *	15.72 *	15.61 *	15.45 *	15.22 *	14.95 *	14.63 *	14.28 *	13.90 *	16.80 *
-25.5	8.59 *	17.14 *	17.04 *	16.87 *	16.65 *	16.37 *	16.05 *	15.70 *	15.33 *	18.58 *
-29	9.05 *	18.08 *	17.99 *	17.84 *	17.63 *	17.36 *	17.05 *	16.73 *	16.37 *	19.89 *
-33	9.29 *	18.56 *	18.49 *	18.36 *	18.17 *	17.91 *	17.60 *	17.26 *	16.89 *	20.50 *
-37.5	9.00 *	18.01 *	17.96 *	17.85 *	17.67 *	17.41 *	17.11 *	16.72 *	16.29 *	19.76 *
-42.5	7.16 *	14.36 *	14.36 *	14.30 *	14.16 *	13.95 *	13.69 *	13.35 *	12.95 *	15.70 *
-47.5	7.71 *	15.47 *	15.45 *	15.35 *	15.18 *	14.95 *	14.65 *	14.27 *	13.82 *	16.68 *
-55	5.58 *	11.16 *	11.09 *	10.94 *	10.77 *	10.55 *	10.28 *	9.96 *	9.58 *	11.39 *
-65	1.65	3.31	3.28	3.22	3.16	3.07	2.96	2.84	2.70	3.15
-75	0.31	0.62	0.62	0.61	0.60	0.60	0.58	0.56	0.55	0.66
-85	0.05	0.10	0.09	0.09	0.09	0.09	0.09	0.08	0.08	0.09
-90										
Total	278.22	556.10	553.89	549.59	543.18	534.52	523.72	510.84	496.05	597.30

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	0.20	0.19	0.21	0.22	0.23	0.22	0.19	0.23	0.22	0.11
85	1.03	0.98	1.06	1.10	1.11	1.06	0.90	1.07	0.96	0.49
75	5.01	4.43	4.38	4.00	3.33	2.56	1.78	1.88	1.56	0.79
65	15.54 *	14.21 *	14.50 *	13.54 *	11.50	9.20	6.48	5.63	2.99	1.03
55	21.68 *	20.42 *	21.79 *	21.70 *	19.72 *	16.29 *	11.49 *	10.15	4.77	0.99

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.

LUMENS TABULATION - (Cont.)

47.5	20.15 *	19.10 *	20.80 *	21.55 *	20.49 *	17.37 *	12.25 *	11.03 *	5.25	0.87
42.5	24.49 *	23.20 *	25.35 *	26.50 *	25.75 *	22.63 *	16.49 *	15.10 *	7.36	1.20
37.5	24.88 *	23.59 *	25.79 *	26.90 *	26.34 *	23.78 *	17.95 *	16.98 *	8.55 *	1.43
33	23.95 *	22.72 *	24.80 *	25.81 *	25.38 *	23.24 *	17.89 *	17.36 *	9.07 *	1.55
29	22.24 *	21.06 *	22.95 *	23.88 *	23.57 *	21.69 *	16.83 *	16.65 *	8.98 *	1.57
25.5	19.96 *	18.84 *	20.50 *	21.35 *	21.11 *	19.49 *	15.18 *	15.20 *	8.39 *	1.49
22.5	20.74 *	19.52 *	21.19 *	22.06 *	21.87 *	20.26 *	15.79 *	15.93 *	8.95 *	1.61
19.5	17.86 *	16.75 *	18.13 *	18.85 *	18.73 *	17.38 *	13.55 *	13.74 *	7.82 *	1.42
17	14.65 *	13.71 *	14.80 *	15.36 *	15.25 *	14.18 *	11.07 *	11.26 *	6.46 *	1.18
15	14.96 *	13.97 *	15.04 *	15.57 *	15.45 *	14.39 *	11.25 *	11.46 *	6.62 *	1.22
13	15.24 *	14.21 *	15.26 *	15.76 *	15.62 *	14.56 *	11.40 *	11.63 *	6.75 *	1.25
11	15.49 *	14.41 *	15.44 *	15.92 *	15.76 *	14.69 *	11.51 *	11.76 *	6.84 *	1.27
9	15.69 *	14.57 *	15.59 *	16.04 *	15.88 *	14.81 *	11.60 *	11.86 *	6.91 *	1.29
7	15.85 *	14.70 *	15.70 *	16.14 *	15.96 *	14.89 *	11.66 *	11.93 *	6.96 *	1.30
5	15.95 *	14.78 *	15.78 *	16.20 *	16.00 *	14.92 *	11.69 *	11.97 *	7.00 *	1.31
3	16.00 *	14.83 *	15.81 *	16.23 *	16.02 *	14.93 *	11.69 *	11.98 *	7.00 *	1.30
1	8.01 *	7.42 *	7.91 *	8.11 *	8.01 *	7.46 *	5.84 *	5.98 *	3.49 *	0.65
0	8.00 *	7.41 *	7.90 *	8.11 *	8.00 *	7.45 *	5.83 *	5.97 *	3.48 *	0.64
-1	15.92 *	14.75 *	15.74 *	16.16 *	15.96 *	14.87 *	11.64 *	11.91 *	6.95 *	1.29
-3	15.79 *	14.64 *	15.63 *	16.06 *	15.88 *	14.80 *	11.59 *	11.85 *	6.90 *	1.27
-5	15.60 *	14.48 *	15.48 *	15.93 *	15.77 *	14.70 *	11.50 *	11.74 *	6.80 *	1.25
-7	15.38 *	14.29 *	15.30 *	15.78 *	15.63 *	14.56 *	11.39 *	11.61 *	6.70 *	1.23
-9	15.12 *	14.07 *	15.09 *	15.59 *	15.45 *	14.38 *	11.24 *	11.44 *	6.57 *	1.20
-11	14.85 *	13.83 *	14.85 *	15.37 *	15.24 *	14.19 *	11.08 *	11.25 *	6.43 *	1.16
-13	14.55 *	13.58 *	14.61 *	15.14 *	15.02 *	13.95 *	10.87 *	11.02 *	6.25 *	1.11
-15	14.24 *	13.31 *	14.36 *	14.90 *	14.76 *	13.66 *	10.63 *	10.75 *	6.03 *	1.07
-17	17.32 *	16.25 *	17.58 *	18.25 *	18.06 *	16.65 *	12.93 *	13.00 *	7.20 *	1.26
-19.5	20.08 *	18.90 *	20.51 *	21.31 *	21.02 *	19.29 *	14.94 *	14.88 *	8.08 *	1.39

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 : EPLC2-HB-150LED-RT-125DB_2016.IES

LUMENS TABULATION - (Cont.)

-22.5	19.27 *	18.21 *	19.79 *	20.56 *	20.23 *	18.50 *	14.25 *	13.98 *	7.39 *	1.25
-25.5	21.40 *	20.29 *	22.09 *	22.93 *	22.50 *	20.52 *	15.69 *	15.03 *	7.65 *	1.26
-29	22.93 *	21.78 *	23.78 *	24.70 *	24.15 *	21.83 *	16.45 *	15.30 *	7.42 *	1.18
-33	23.60 *	22.39 *	24.53 *	25.59 *	24.86 *	21.99 *	16.11 *	14.48 *	6.67	1.02
-37.5	22.76 *	21.63 *	23.71 *	24.76 *	23.70 *	20.25 *	14.25 *	12.38 *	5.51	0.84
-42.5	18.18 *	17.35 *	18.94 *	19.44 *	17.99 *	14.80 *	10.20 *	8.66 *	3.79	0.66
-47.5	19.13 *	17.93 *	19.02 *	18.71 *	16.64 *	13.38 *	9.10 *	7.35	3.22	0.84
-55	12.65 *	11.31 *	11.31 *	10.47	8.98	7.17	4.81	3.85	2.09	0.90
-65	3.40	2.95	2.86	2.58	2.20	1.83	1.42	1.61	1.34	0.65
-75	0.75	0.71	0.77	0.81	0.82	0.79	0.66	0.75	0.64	0.31
-85	0.10	0.10	0.11	0.11	0.11	0.11	0.09	0.10	0.09	0.06
-90										
Total	680.60	637.75	686.72	706.04	686.04	619.68	471.15	459.67	250.09	47.15

Vert. Angles	**Horizontal Angles**		
	75	**85**	**90**	**Total**
90	0.04	0.00	3.51
85	0.14	0.01	17.27
75	0.22	0.01	69.32
65	0.28	0.01	212.24
55	0.25	0.01	308.27
47.5	0.19	0.01	296.78
42.5	0.20	0.01	367.98
37.5	0.19	0.01	378.51
33	0.18	0.01	368.19
29	0.16	0.01	345.53
25.5	0.14	0.01	312.50
22.5	0.15	0.01	326.30
19.5	0.12	0.01	281.56
17	0.10	0.00	230.94

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.

LUMENS TABULATION - (Cont.)

15			
	0.10	0.00	235.40
13			
	0.10	0.00	239.18
11			
	0.10	0.00	242.27
9			
	0.10	0.00	244.67
7			
	0.10	0.00	246.37
5			
	0.10	0.00	247.45
3			
	0.10	0.00	248.03
1			
	0.05	0.00	124.11
0			
	0.05	0.00	124.00
-1			
	0.10	0.00	247.13
-3			
	0.10	0.00	245.62
-5			
	0.10	0.00	243.57
-7			
	0.10	0.00	240.91
-9			
	0.10	0.00	237.56
-11			
	0.10	0.00	233.56
-13			
	0.10	0.00	228.89
-15			
	0.10	0.00	223.62
-17			
	0.12	0.01	271.36
-19.5			
	0.14	0.01	312.83
-22.5			
	0.14	0.01	298.01
-25.5			
	0.15	0.01	327.83
-29			
	0.17	0.01	347.69
-33			
	0.18	0.01	354.46
-37.5			
	0.19	0.01	337.77
-42.5			
	0.17	0.01	264.17
-47.5			
	0.23	0.01	269.07
-55			
	0.25	0.01	175.09
-65			
	0.17	0.01	50.36

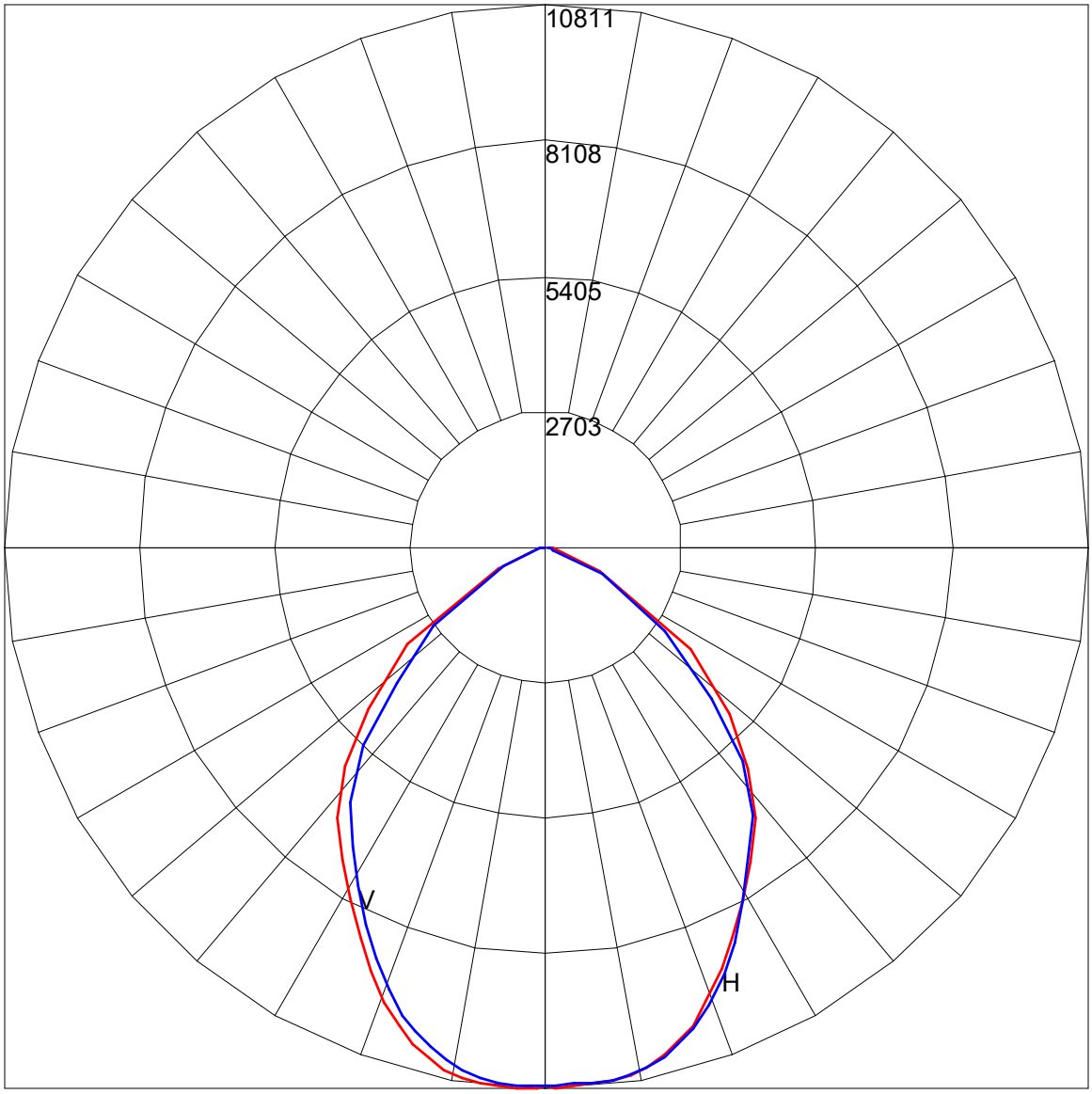
Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

LUMENS TABULATION - (Cont.)

-75			
	0.10	0.01	12.83
-85			
	0.03	0.00	1.87
-90			
Total	6.00	0.30	10394.58

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLC2-HB-150LED-RT-125DB_2016.IES

AXIAL CANDELA DISPLAY

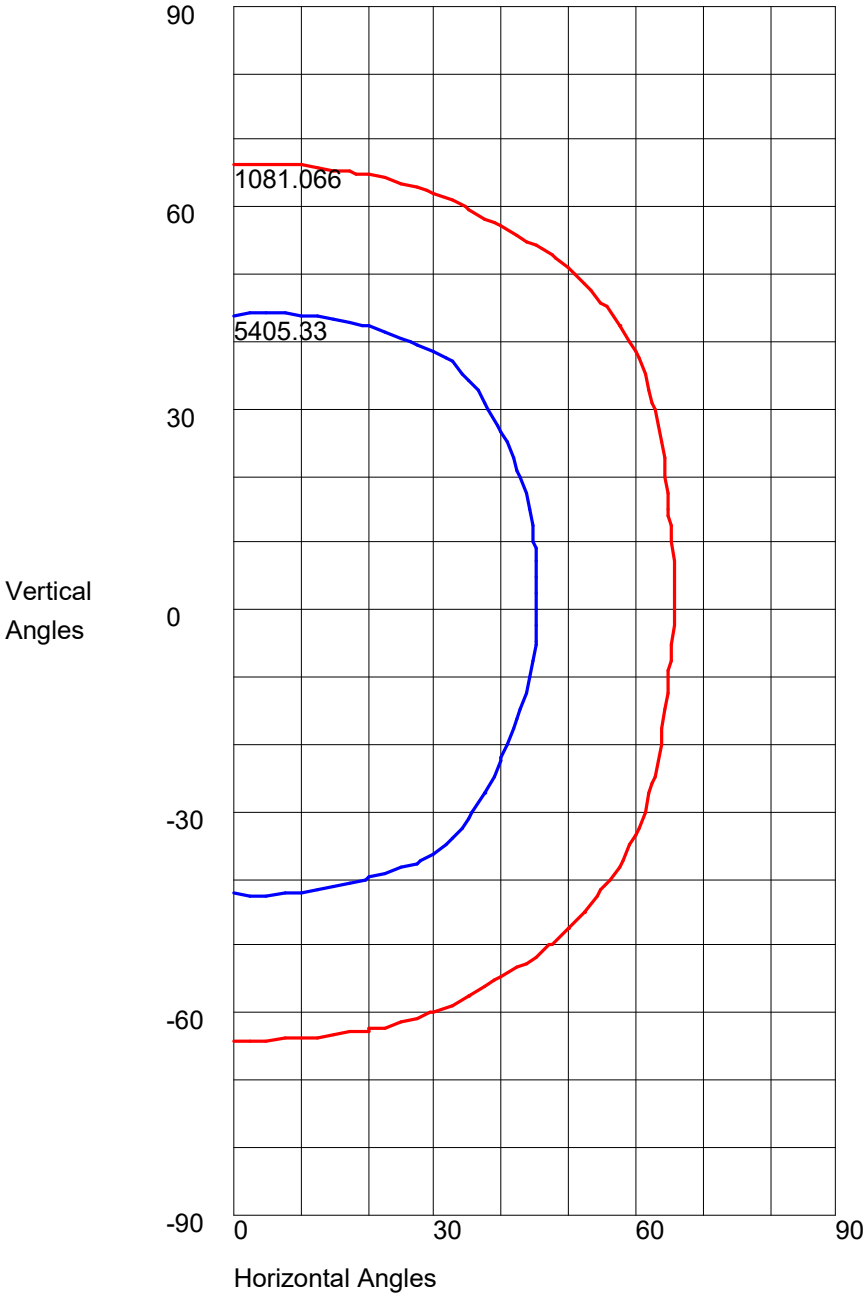


Maximum Candela = 10810.66 Located At Horizontal Angle =-3, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

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 : EPLC2-HB-150LED-RT-125DB_2016.IES

ISOCANDELA CURVES



Maximum Candela = 10810.66 Located At Horizontal Angle =-3, Vertical Angle = 0
50% Maximum Candela = 5405.33
10% Maximum Candela = 1081.066

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLC2-HB-150LED-RT-140DB_2016.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]
[TESTLAB]
[ISSUEDATE] 2015-09-12
[MANUFAC] Larson Electronics LLC
[LUMCAT] EPLC2-HB-150LED-RT-140DB
[LUMINAIRE] CLASS 1 DIV 2 EXPLOSION PROOF LED FIXTURE - 140 DEGREE BEAM
[LAMPCAT] LED
[LAMP] LED

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

CHARACTERISTICS



NEMA Type	7 H x 7 V
Maximum Candela	7627.684
Maximum Candela Angle	-42.5H -42.5V
Horizontal Beam Angle (50%)	117.7
Vertical Beam Angle (50%)	117.7
Horizontal Field Angle (10%)	146.4
Vertical Field Angle (10%)	146.4
Lumens Per Lamp	20573.39 (1 lamp)
Total Lamp Lumens	20573.39
Beam Lumens	14377
Beam Efficiency	70 %
Field Lumens	20089
Field Efficiency	98 %
Spill Lumens	417
Luminaire Lumens	20506
Total Efficiency	100 %
Total Luminaire Watts	150
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 : EPLC2-HB-150LED-RT-140DB_2016.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	53.757	90	53.757
85	115.925	85	115.925
75	1167.679	75	1167.679
65	4898.017	65	4898.017
55	7359.856	55	7359.856
47.5	5916.614	47.5	5916.614
42.5	4588.98	42.5	4588.98
37.5	3208.154	37.5	3208.154
33	2240.799	33	2240.799
29	2209.702	29	2209.702
25.5	2259.708	25.5	2259.708
22.5	2310.728	22.5	2310.728
19.5	2368.77	19.5	2368.77
17	2397.743	17	2397.743
15	2376.631	15	2376.631
13	2320.65	13	2320.65
11	2258.424	11	2258.424
9	2212.063	9	2212.063
7	2174.626	7	2174.626
5	2141.057	5	2141.057
3	2114.619	3	2114.619
1	2099.531	1	2099.531
0	2096.012	0	2096.012
-1	2099.531	-1	2099.531
-3	2114.619	-3	2114.619
-5	2141.057	-5	2141.057
-7	2174.626	-7	2174.626
-9	2212.063	-9	2212.063
-11	2258.424	-11	2258.424
-13	2320.65	-13	2320.65
-15	2376.631	-15	2376.631
-17	2397.743	-17	2397.743
-19.5	2368.77	-19.5	2368.77
-22.5	2310.728	-22.5	2310.728
-25.5	2259.708	-25.5	2259.708
-29	2209.702	-29	2209.702
-33	2240.799	-33	2240.799
-37.5	3208.154	-37.5	3208.154
-42.5	4588.98	-42.5	4588.98
-47.5	5916.614	-47.5	5916.614
-55	7359.856	-55	7359.856
-65	4898.017	-65	4898.017
-75	1167.679	-75	1167.679
-85	115.925	-85	115.925
-90	53.757	-90	53.757

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 : EPLC2-HB-150LED-RT-140DB_2016.IES

CANDELA TABULATION
Maximum Candela = 7627.684
Beam Edge = 3813.842 Cd (50% of Max.)
Field Edge = 762.7684 Cd (10% of Max.)
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	-90.0	-85.0	-75.0	-65.0	-55.0	-47.5	-42.5	-37.5	-33.0	-29.0
90.0	53.715	53.719	53.726	53.733	53.739	53.743	53.746	53.748	53.750	53.751
85.0	53.719	55.522	60.306	67.624	77.288	85.238	90.355	95.590	99.490	103.150
75.0	53.726	60.306	92.953	150.710	255.304	376.077	474.904	586.364	691.295	780.353 *
65.0	53.733	67.624	150.710	399.261	957.766 *	1583.612 *	2084.006 *	2639.531 *	3136.411 *	3540.510 *
55.0	53.739	77.288	255.304	957.766 *	2482.538 *	4009.059 *	4904.661 *	5714.952 *	6400.733 *	6970.459 *
47.5	53.743	85.238	376.077	1583.612 *	4009.059 *	5750.470 *	6873.600 *	7600.542 *	7437.373 *	7156.784 *
42.5	53.746	90.355	474.904	2084.006 *	4904.661 *	6873.600 *	7627.684 *	7227.574 *	6813.724 *	6439.230 *
37.5	53.748	95.590	586.364	2639.531 *	5714.952 *	7600.542 *	7227.574 *	6664.487 *	6103.137 *	5536.902 *
33.0	53.750	99.490	691.295	3136.411 *	6400.733 *	7437.373 *	6813.724 *	6103.137 *	5349.793 *	4676.051 *
29.0	53.751	103.150	780.353 *	3540.510 *	6970.459 *	7156.784 *	6439.230 *	5536.902 *	4676.051 *	3894.953 *
25.5	53.752	105.999	859.970 *	3851.266 *	7368.523 *	6924.237 *	6101.522 *	5070.606 *	4119.298 *	3306.288 *
22.5	53.753	108.168	920.688 *	4093.391 *	7581.641 *	6735.409 *	5795.284 *	4688.859 *	3674.520 *	2820.375 *
19.5	53.754	110.080	977.800 *	4287.353 *	7615.240 *	6557.489 *	5529.856 *	4339.891 *	3277.769 *	2472.841 *
17.0	53.755	111.472	1022.962 *	4434.297 *	7598.904 *	6419.960 *	5313.151 *	4077.150 *	2992.596 *	2273.302 *
15.0	53.755	112.452	1054.790 *	4537.175 *	7557.765 *	6317.919 *	5157.468 *	3888.083 *	2795.296 *	2204.255 *
13.0	53.755	113.313	1082.740 *	4626.357 *	7519.129 *	6224.955 *	4997.632 *	3720.253 *	2628.705 *	2183.425 *
11.0	53.756	115.925	1106.774 *	4703.126 *	7476.735 *	6140.792 *	4898.891 *	3574.961 *	2497.426 *	2183.858 *
9.0	53.756	115.925	1126.859 *	4767.336 *	7438.291 *	6070.124 *	4797.739 *	3453.775 *	2377.487 *	2191.928 *
7.0	53.756	115.925	1142.961 *	4818.856 *	7407.398 *	6011.282 *	4716.083 *	3341.212 *	2329.911 *	2198.721 *
5.0	53.756	115.925	1167.679 *	4857.590 *	7384.149 *	5965.016 *	4654.006 *	3283.525 *	2286.485 *	2204.064 *
3.0	53.756	115.925	1167.679 *	4898.017 *	7359.856 *	5934.063 *	4612.432 *	3235.354 *	2257.300 *	2207.663 *
1.0	53.757	115.925	1167.679 *	4898.017 *	7359.856 *	5918.554 *	4591.588 *	3211.180 *	2240.799 *	2209.702 *
0.0	53.757	115.925	1167.679 *	4898.017 *	7359.856 *	5916.614 *	4588.980 *	3208.154 *	2240.799 *	2209.702 *
-1.0	53.757	115.925	1167.679 *	4898.017 *	7359.856 *	5918.554 *	4591.588 *	3211.180 *	2240.799 *	2209.702 *
-3.0	53.756	115.925	1167.679 *	4898.017 *	7359.856 *	5934.063 *	4612.432 *	3235.354 *	2257.300 *	2207.663 *
-5.0	53.756	115.925	1167.679 *	4857.590 *	7384.149 *	5965.016 *	4654.006 *	3283.525 *	2286.485 *	2204.064 *
-7.0	53.756	115.925	1142.961 *	4818.856 *	7407.398 *	6011.282 *	4716.083 *	3341.212 *	2329.911 *	2198.721 *
-9.0	53.756	115.925	1126.859 *	4767.336 *	7438.291 *	6070.124 *	4797.739 *	3453.775 *	2377.487 *	2191.928 *
-11.0	53.756	115.925	1106.774 *	4703.126 *	7476.735 *	6140.792 *	4898.891 *	3574.961 *	2497.426 *	2183.858 *
-13.0	53.755	113.313	1082.740 *	4626.357 *	7519.129 *	6224.955 *	4997.632 *	3720.253 *	2628.705 *	2183.425 *
-15.0	53.755	112.452	1054.790 *	4537.175 *	7557.765 *	6317.919 *	5157.468 *	3888.083 *	2795.296 *	2204.255 *
-17.0	53.755	111.472	1022.962 *	4434.297 *	7598.904 *	6419.960 *	5313.151 *	4077.150 *	2992.596 *	2273.302 *
-19.5	53.754	110.080	977.800 *	4287.353 *	7615.240 *	6557.489 *	5529.856 *	4339.891 *	3277.769 *	2472.841 *
-22.5	53.753	108.168	920.688 *	4093.391 *	7581.641 *	6735.409 *	5795.284 *	4688.859 *	3674.520 *	2820.375 *
-25.5	53.752	105.999	859.970 *	3851.266 *	7368.523 *	6924.237 *	6101.522 *	5070.606 *	4119.298 *	3306.288 *
-29.0	53.751	103.150	780.353 *	3540.510 *	6970.459 *	7156.784 *	6439.230 *	5536.902 *	4676.051 *	3894.953 *
-33.0	53.750	99.490	691.295	3136.411 *	6400.733 *	7437.373 *	6813.724 *	6103.137 *	5349.793 *	4676.051 *
-37.5	53.748	95.590	586.364	2639.531 *	5714.952 *	7600.542 *	7227.574 *	6664.487 *	6103.137 *	5536.902 *
-42.5	53.746	90.355	474.904	2084.006 *	4904.661 *	6873.600 *	7627.684 *	7227.574 *	6813.724 *	6439.230 *
-47.5	53.743	85.238	376.077	1583.612 *	4009.059 *	5750.470 *	6873.600 *	7600.542 *	7437.373 *	7156.784 *
-55.0	53.739	77.288	255.304	957.766 *	2482.538 *	4009.059 *	4904.661 *	5714.952 *	6400.733 *	6970.459 *
-65.0	53.733	67.624	150.710	399.261	957.766 *	1583.612 *	2084.006 *	2639.531 *	3136.411 *	3540.510 *
-75.0	53.726	60.306	92.953	150.710	255.304	376.077	474.904	586.364	691.295	780.353 *
-85.0	53.719	55.522	60.306	67.624	77.288	85.238	90.355	95.590	99.490	103.150
-90.0	53.715	53.719	53.726	53.733	53.739	53.743	53.746	53.748	53.750	53.751

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 : EPLC2-HB-150LED-RT-140DB_2016.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	-25.5	**-22.5**	**-19.5**	**-17.0**	**-15.0**	**-13.0**	**-11.0**	**-9.0**	**-7.0**	**-5.0**
90.0	53.752	53.753	53.754	53.755	53.755	53.755	53.756	53.756	53.756	53.756
85.0	105.999	108.168	110.080	111.472	112.452	113.313	115.925	115.925	115.925	115.925
75.0	859.970 *	920.688 *	977.800 *	1022.962 *	1054.790 *	1082.740 *	1106.774 *	1126.859 *	1142.961 *	1167.679 *
65.0	3851.266 *	4093.391 *	4287.353 *	4434.297 *	4537.175 *	4626.357 *	4703.126 *	4767.336 *	4818.856 *	4857.590 *
55.0	7368.523 *	7581.641 *	7615.240 *	7598.904 *	7557.765 *	7519.129 *	7476.735 *	7438.291 *	7407.398 *	7384.149 *
47.5	6924.237 *	6735.409 *	6557.489 *	6419.960 *	6317.919 *	6224.955 *	6140.792 *	6070.124 *	6011.282 *	5965.016 *
42.5	6101.522 *	5795.284 *	5529.856 *	5313.151 *	5157.468 *	4997.632 *	4898.891 *	4797.739 *	4716.083 *	4654.006 *
37.5	5070.606 *	4688.859 *	4339.891 *	4077.150 *	3888.083 *	3720.253 *	3574.961 *	3453.775 *	3341.212 *	3283.525 *
33.0	4119.298 *	3674.520 *	3277.769 *	2992.596 *	2795.296 *	2628.705 *	2497.426 *	2377.487 *	2329.911 *	2286.485 *
29.0	3306.288 *	2820.375 *	2472.841 *	2273.302 *	2204.255 *	2183.425 *	2183.858 *	2191.928 *	2198.721 *	2204.064 *
25.5	2688.199 *	2309.225 *	2183.882 *	2190.846 *	2204.972 *	2217.685 *	2228.798 *	2238.389 *	2246.508 *	2252.752 *
22.5	2309.225 *	2182.979 *	2203.383 *	2224.515 *	2240.090 *	2254.866 *	2268.711 *	2281.399 *	2292.418 *	2301.376 *
19.5	2183.882 *	2203.383 *	2233.263 *	2257.401 *	2276.862 *	2296.193 *	2314.787 *	2331.820 *	2346.263 *	2357.505 *
17.0	2190.846 *	2224.515 *	2257.401 *	2286.216 *	2310.279 *	2334.169 *	2356.447 *	2374.750 *	2386.983 *	2393.565 *
15.0	2204.972 *	2240.090 *	2276.862 *	2310.279 *	2339.749 *	2364.176 *	2384.480 *	2395.116 *	2395.432 *	2389.568 *
13.0	2217.685 *	2254.866 *	2296.193 *	2334.169 *	2364.176 *	2387.540 *	2397.589 *	2389.142 *	2369.929 *	2348.562 *
11.0	2228.798 *	2268.711 *	2314.787 *	2356.447 *	2384.480 *	2397.589 *	2384.920 *	2355.733 *	2320.650 *	2288.522 *
9.0	2238.389 *	2281.399 *	2331.820 *	2374.750 *	2395.116 *	2389.142 *	2355.733 *	2311.064 *	2269.982 *	2240.353 *
7.0	2246.508 *	2292.418 *	2346.263 *	2386.983 *	2395.432 *	2369.929 *	2320.650 *	2269.982 *	2230.751 *	2204.317 *
5.0	2252.752 *	2301.376 *	2357.505 *	2393.565 *	2389.568 *	2348.562 *	2288.522 *	2240.353 *	2204.317 *	2174.626 *
3.0	2257.189 *	2307.196 *	2364.736 *	2396.219 *	2381.366 *	2330.918 *	2270.370 *	2222.236 *	2185.845 *	2154.446 *
1.0	2259.427 *	2310.334 *	2368.319 *	2397.743 *	2376.631 *	2320.650 *	2258.424 *	2212.063 *	2174.626 *	2141.057 *
0.0	2259.708 *	2310.728 *	2368.770 *	2397.743 *	2376.631 *	2320.650 *	2258.424 *	2212.063 *	2174.626 *	2141.057 *
-1.0	2259.427 *	2310.334 *	2368.319 *	2397.743 *	2376.631 *	2320.650 *	2258.424 *	2212.063 *	2174.626 *	2141.057 *
-3.0	2257.189 *	2307.196 *	2364.736 *	2396.219 *	2381.366 *	2330.918 *	2270.370 *	2222.236 *	2185.845 *	2154.446 *
-5.0	2252.752 *	2301.376 *	2357.505 *	2393.565 *	2389.568 *	2348.562 *	2288.522 *	2240.353 *	2204.317 *	2174.626 *
-7.0	2246.508 *	2292.418 *	2346.263 *	2386.983 *	2395.432 *	2369.929 *	2320.650 *	2269.982 *	2230.751 *	2204.317 *
-9.0	2238.389 *	2281.399 *	2331.820 *	2374.750 *	2395.116 *	2389.142 *	2355.733 *	2311.064 *	2269.982 *	2240.353 *
-11.0	2228.798 *	2268.711 *	2314.787 *	2356.447 *	2384.480 *	2397.589 *	2384.920 *	2355.733 *	2320.650 *	2288.522 *
-13.0	2217.685 *	2254.866 *	2296.193 *	2334.169 *	2364.176 *	2387.540 *	2397.589 *	2389.142 *	2369.929 *	2348.562 *
-15.0	2204.972 *	2240.090 *	2276.862 *	2310.279 *	2339.749 *	2364.176 *	2384.480 *	2395.116 *	2395.432 *	2389.568 *
-17.0	2190.846 *	2224.515 *	2257.401 *	2286.216 *	2310.279 *	2334.169 *	2356.447 *	2374.750 *	2386.983 *	2393.565 *
-19.5	2183.882 *	2203.383 *	2233.263 *	2257.401 *	2276.862 *	2296.193 *	2314.787 *	2331.820 *	2346.263 *	2357.505 *
-22.5	2309.225 *	2182.979 *	2203.383 *	2224.515 *	2240.090 *	2254.866 *	2268.711 *	2281.399 *	2292.418 *	2301.376 *
-25.5	2688.199 *	2309.225 *	2183.882 *	2190.846 *	2204.972 *	2217.685 *	2228.798 *	2238.389 *	2246.508 *	2252.752 *
-29.0	3306.288 *	2820.375 *	2472.841 *	2273.302 *	2204.255 *	2183.425 *	2183.858 *	2191.928 *	2198.721 *	2204.064 *
-33.0	4119.298 *	3674.520 *	3277.769 *	2992.596 *	2795.296 *	2628.705 *	2497.426 *	2377.487 *	2329.911 *	2286.485 *
-37.5	5070.606 *	4688.859 *	4339.891 *	4077.150 *	3888.083 *	3720.253 *	3574.961 *	3453.775 *	3341.212 *	3283.525 *
-42.5	6101.522 *	5795.284 *	5529.856 *	5313.151 *	5157.468 *	4997.632 *	4898.891 *	4797.739 *	4716.083 *	4654.006 *
-47.5	6924.237 *	6735.409 *	6557.489 *	6419.960 *	6317.919 *	6224.955 *	6140.792 *	6070.124 *	6011.282 *	5965.016 *
-55.0	7368.523 *	7581.641 *	7615.240 *	7598.904 *	7557.765 *	7519.129 *	7476.735 *	7438.291 *	7407.398 *	7384.149 *
-65.0	3851.266 *	4093.391 *	4287.353 *	4434.297 *	4537.175 *	4626.357 *	4703.126 *	4767.336 *	4818.856 *	4857.590 *
-75.0	859.970 *	920.688 *	977.800 *	1022.962 *	1054.790 *	1082.740 *	1106.774 *	1126.859 *	1142.961 *	1167.679 *
-85.0	105.999	108.168	110.080	111.472	112.452	113.313	115.925	115.925	115.925	115.925
-90.0	53.752	53.753	53.754	53.755	53.755	53.755	53.756	53.756	53.756	53.756

Vert. Angles	Horizontal Angles									
	-3.0	**-1.0**	**0.0**	**1.0**	**3.0**	**5.0**	**7.0**	**9.0**	**11.0**	**13.0**
90.0	53.756	53.757	53.757	53.757	53.756	53.756	53.756	53.756	53.756	53.755
85.0	115.925	115.925	115.925	115.925	115.925	115.925	115.925	115.925	115.925	113.313
75.0	1167.679 *	1167.679 *	1167.679 *	1167.679 *	1167.679 *	1167.679 *	1142.961 *	1126.859 *	1106.774 *	1082.740 *
65.0	4898.017 *	4898.017 *	4898.017 *	4898.017 *	4898.017 *	4857.590 *	4818.856 *	4767.336 *	4703.126 *	4626.357 *

CANDELA TABULATION - (Cont.)

55.0	7359.856	*7359.856	*7359.856	*7359.856	*7359.856	*7384.149	*7407.398	*7438.291	*7476.735	*7519.129 *
47.5	5934.063	*5918.554	*5916.614	*5918.554	*5934.063	*5965.016	*6011.282	*6070.124	*6140.792	*6224.955 *
42.5	4612.432	*4591.588	*4588.980	*4591.588	*4612.432	*4654.006	*4716.083	*4797.739	*4898.891	*4997.632 *
37.5	3235.354	*3211.180	*3208.154	*3211.180	*3235.354	*3283.525	*3341.212	*3453.775	*3574.961	*3720.253 *
33.0	2257.300	*2240.799	*2240.799	*2240.799	*2257.300	*2286.485	*2329.911	*2377.487	*2497.426	*2628.705 *
29.0	2207.663	*2209.702	*2209.702	*2209.702	*2207.663	*2204.064	*2198.721	*2191.928	*2183.858	*2183.425 *
25.5	2257.189	*2259.427	*2259.708	*2259.427	*2257.189	*2252.752	*2246.508	*2238.389	*2228.798	*2217.685 *
22.5	2307.196	*2310.334	*2310.728	*2310.334	*2307.196	*2301.376	*2292.418	*2281.399	*2268.711	*2254.866 *
19.5	2364.736	*2368.319	*2368.770	*2368.319	*2364.736	*2357.505	*2346.263	*2331.820	*2314.787	*2296.193 *
17.0	2396.219	*2397.743	*2397.743	*2397.743	*2396.219	*2393.565	*2386.983	*2374.750	*2356.447	*2334.169 *
15.0	2381.366	*2376.631	*2376.631	*2376.631	*2381.366	*2389.568	*2395.432	*2395.116	*2384.480	*2364.176 *
13.0	2330.918	*2320.650	*2320.650	*2320.650	*2330.918	*2348.562	*2369.929	*2389.142	*2397.589	*2387.540 *
11.0	2270.370	*2258.424	*2258.424	*2258.424	*2270.370	*2288.522	*2320.650	*2355.733	*2384.920	*2397.589 *
9.0	2222.236	*2212.063	*2212.063	*2212.063	*2222.236	*2240.353	*2269.982	*2311.064	*2355.733	*2389.142 *
7.0	2185.845	*2174.626	*2174.626	*2174.626	*2185.845	*2204.317	*2230.751	*2269.982	*2320.650	*2369.929 *
5.0	2154.446	*2141.057	*2141.057	*2141.057	*2154.446	*2174.626	*2204.317	*2240.353	*2288.522	*2348.562 *
3.0	2130.143	*2116.572	*2114.619	*2116.572	*2130.143	*2154.446	*2185.845	*2222.236	*2270.370	*2330.918 *
1.0	2116.572	*2102.012	*2099.531	*2102.012	*2116.572	*2141.057	*2174.626	*2212.063	*2258.424	*2320.650 *
0.0	2114.619	*2099.531	*2096.012	*2099.531	*2114.619	*2141.057	*2174.626	*2212.063	*2258.424	*2320.650 *
-1.0	2116.572	*2102.012	*2099.531	*2102.012	*2116.572	*2141.057	*2174.626	*2212.063	*2258.424	*2320.650 *
-3.0	2130.143	*2116.572	*2114.619	*2116.572	*2130.143	*2154.446	*2185.845	*2222.236	*2270.370	*2330.918 *
-5.0	2154.446	*2141.057	*2141.057	*2141.057	*2154.446	*2174.626	*2204.317	*2240.353	*2288.522	*2348.562 *
-7.0	2185.845	*2174.626	*2174.626	*2174.626	*2185.845	*2204.317	*2230.751	*2269.982	*2320.650	*2369.929 *
-9.0	2222.236	*2212.063	*2212.063	*2212.063	*2222.236	*2240.353	*2269.982	*2311.064	*2355.733	*2389.142 *
-11.0	2270.370	*2258.424	*2258.424	*2258.424	*2270.370	*2288.522	*2320.650	*2355.733	*2384.920	*2397.589 *
-13.0	2330.918	*2320.650	*2320.650	*2320.650	*2330.918	*2348.562	*2369.929	*2389.142	*2397.589	*2387.540 *
-15.0	2381.366	*2376.631	*2376.631	*2376.631	*2381.366	*2389.568	*2395.432	*2395.116	*2384.480	*2364.176 *
-17.0	2396.219	*2397.743	*2397.743	*2397.743	*2396.219	*2393.565	*2386.983	*2374.750	*2356.447	*2334.169 *
-19.5	2364.736	*2368.319	*2368.770	*2368.319	*2364.736	*2357.505	*2346.263	*2331.820	*2314.787	*2296.193 *
-22.5	2307.196	*2310.334	*2310.728	*2310.334	*2307.196	*2301.376	*2292.418	*2281.399	*2268.711	*2254.866 *
-25.5	2257.189	*2259.427	*2259.708	*2259.427	*2257.189	*2252.752	*2246.508	*2238.389	*2228.798	*2217.685 *
-29.0	2207.663	*2209.702	*2209.702	*2209.702	*2207.663	*2204.064	*2198.721	*2191.928	*2183.858	*2183.425 *
-33.0	2257.300	*2240.799	*2240.799	*2240.799	*2257.300	*2286.485	*2329.911	*2377.487	*2497.426	*2628.705 *
-37.5	3235.354	*3211.180	*3208.154	*3211.180	*3235.354	*3283.525	*3341.212	*3453.775	*3574.961	*3720.253 *
-42.5	4612.432	*4591.588	*4588.980	*4591.588	*4612.432	*4654.006	*4716.083	*4797.739	*4898.891	*4997.632 *
-47.5	5934.063	*5918.554	*5916.614	*5918.554	*5934.063	*5965.016	*6011.282	*6070.124	*6140.792	*6224.955 *
-55.0	7359.856	*7359.856	*7359.856	*7359.856	*7359.856	*7384.149	*7407.398	*7438.291	*7476.735	*7519.129 *
-65.0	4898.017	*4898.017	*4898.017	*4898.017	*4898.017	*4857.590	*4818.856	*4767.336	*4703.126	*4626.357 *
-75.0	1167.679	*1167.679	*1167.679	*1167.679	*1167.679	*1167.679	*1142.961	*1126.859	*1106.774	*1082.740 *
-85.0	115.925	115.925	115.925	115.925	115.925	115.925	115.925	115.925	115.925	113.313
-90.0	53.756	53.757	53.757	53.757	53.756	53.756	53.756	53.756	53.756	53.755

Vert. Angles	**Horizontal Angles**									
	15.0	**17.0**	**19.5**	**22.5**	**25.5**	**29.0**	**33.0**	**37.5**	**42.5**	**47.5**
90.0	53.755	53.755	53.754	53.753	53.752	53.751	53.750	53.748	53.746	53.743
85.0	112.452	111.472	110.080	108.168	105.999	103.150	99.490	95.590	90.355	85.238
75.0	1054.790	*1022.962	*977.800 *	920.688 *	859.970 *	780.353 *	691.295	586.364	474.904	376.077
65.0	4537.175	*4434.297	*4287.353	*4093.391	*3851.266	*3540.510	*3136.411	*2639.531	*2084.006	*1583.612 *
55.0	7557.765	*7598.904	*7615.240	*7581.641	*7368.523	*6970.459	*6400.733	*5714.952	*4904.661	*4009.059 *
47.5	6317.919	*6419.960	*6557.489	*6735.409	*6924.237	*7156.784	*7437.373	*7600.542	*6873.600	*5750.470 *
42.5	5157.468	*5313.151	*5529.856	*5795.284	*6101.522	*6439.230	*6813.724	*7227.574	*7627.684	*6873.600 *
37.5	3888.083	*4077.150	*4339.891	*4688.859	*5070.606	*5536.902	*6103.137	*6664.487	*7227.574	*7600.542 *
33.0	2795.296	*2992.596	*3277.769	*3674.520	*4119.298	*4676.051	*5349.793	*6103.137	*6813.724	*7437.373 *
29.0	2204.255	*2273.302	*2472.841	*2820.375	*3306.288	*3894.953	*4676.051	*5536.902	*6439.230	*7156.784 *
25.5	2204.972	*2190.846	*2183.882	*2309.225	*2688.199	*3306.288	*4119.298	*5070.606	*6101.522	*6924.237 *

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 : EPLC2-HB-150LED-RT-140DB_2016.IES

CANDELA TABULATION - (Cont.)

22.5	2240.090 *	2224.515 *	2203.383 *	2182.979 *	2309.225 *	2820.375 *	3674.520 *	4688.859 *	5795.284 *	6735.409 *
19.5	2276.862 *	2257.401 *	2233.263 *	2203.383 *	2183.882 *	2472.841 *	3277.769 *	4339.891 *	5529.856 *	6557.489 *
17.0	2310.279 *	2286.216 *	2257.401 *	2224.515 *	2190.846 *	2273.302 *	2992.596 *	4077.150 *	5313.151 *	6419.960 *
15.0	2339.749 *	2310.279 *	2276.862 *	2240.090 *	2204.972 *	2204.255 *	2795.296 *	3888.083 *	5157.468 *	6317.919 *
13.0	2364.176 *	2334.169 *	2296.193 *	2254.866 *	2217.685 *	2183.425 *	2628.705 *	3720.253 *	4997.632 *	6224.955 *
11.0	2384.480 *	2356.447 *	2314.787 *	2268.711 *	2228.798 *	2183.858 *	2497.426 *	3574.961 *	4898.891 *	6140.792 *
9.0	2395.116 *	2374.750 *	2331.820 *	2281.399 *	2238.389 *	2191.928 *	2377.487 *	3453.775 *	4797.739 *	6070.124 *
7.0	2395.432 *	2386.983 *	2346.263 *	2292.418 *	2246.508 *	2198.721 *	2329.911 *	3341.212 *	4716.083 *	6011.282 *
5.0	2389.568 *	2393.565 *	2357.505 *	2301.376 *	2252.752 *	2204.064 *	2286.485 *	3283.525 *	4654.006 *	5965.016 *
3.0	2381.366 *	2396.219 *	2364.736 *	2307.196 *	2257.189 *	2207.663 *	2257.300 *	3235.354 *	4612.432 *	5934.063 *
1.0	2376.631 *	2397.743 *	2368.319 *	2310.334 *	2259.427 *	2209.702 *	2240.799 *	3211.180 *	4591.588 *	5918.554 *
0.0	2376.631 *	2397.743 *	2368.770 *	2310.728 *	2259.708 *	2209.702 *	2240.799 *	3208.154 *	4588.980 *	5916.614 *
-1.0	2376.631 *	2397.743 *	2368.319 *	2310.334 *	2259.427 *	2209.702 *	2240.799 *	3211.180 *	4591.588 *	5918.554 *
-3.0	2381.366 *	2396.219 *	2364.736 *	2307.196 *	2257.189 *	2207.663 *	2257.300 *	3235.354 *	4612.432 *	5934.063 *
-5.0	2389.568 *	2393.565 *	2357.505 *	2301.376 *	2252.752 *	2204.064 *	2286.485 *	3283.525 *	4654.006 *	5965.016 *
-7.0	2395.432 *	2386.983 *	2346.263 *	2292.418 *	2246.508 *	2198.721 *	2329.911 *	3341.212 *	4716.083 *	6011.282 *
-9.0	2395.116 *	2374.750 *	2331.820 *	2281.399 *	2238.389 *	2191.928 *	2377.487 *	3453.775 *	4797.739 *	6070.124 *
-11.0	2384.480 *	2356.447 *	2314.787 *	2268.711 *	2228.798 *	2183.858 *	2497.426 *	3574.961 *	4898.891 *	6140.792 *
-13.0	2364.176 *	2334.169 *	2296.193 *	2254.866 *	2217.685 *	2183.425 *	2628.705 *	3720.253 *	4997.632 *	6224.955 *
-15.0	2339.749 *	2310.279 *	2276.862 *	2240.090 *	2204.972 *	2204.255 *	2795.296 *	3888.083 *	5157.468 *	6317.919 *
-17.0	2310.279 *	2286.216 *	2257.401 *	2224.515 *	2190.846 *	2273.302 *	2992.596 *	4077.150 *	5313.151 *	6419.960 *
-19.5	2276.862 *	2257.401 *	2233.263 *	2203.383 *	2183.882 *	2472.841 *	3277.769 *	4339.891 *	5529.856 *	6557.489 *
-22.5	2240.090 *	2224.515 *	2203.383 *	2182.979 *	2309.225 *	2820.375 *	3674.520 *	4688.859 *	5795.284 *	6735.409 *
-25.5	2204.972 *	2190.846 *	2183.882 *	2309.225 *	2688.199 *	3306.288 *	4119.298 *	5070.606 *	6101.522 *	6924.237 *
-29.0	2204.255 *	2273.302 *	2472.841 *	2820.375 *	3306.288 *	3894.953 *	4676.051 *	5536.902 *	6439.230 *	7156.784 *
-33.0	2795.296 *	2992.596 *	3277.769 *	3674.520 *	4119.298 *	4676.051 *	5349.793 *	6103.137 *	6813.724 *	7437.373 *
-37.5	3888.083 *	4077.150 *	4339.891 *	4688.859 *	5070.606 *	5536.902 *	6103.137 *	6664.487 *	7227.574 *	7600.542 *
-42.5	5157.468 *	5313.151 *	5529.856 *	5795.284 *	6101.522 *	6439.230 *	6813.724 *	7227.574 *	7627.684 *	6873.600 *
-47.5	6317.919 *	6419.960 *	6557.489 *	6735.409 *	6924.237 *	7156.784 *	7437.373 *	7600.542 *	6873.600 *	5750.470 *
-55.0	7557.765 *	7598.904 *	7615.240 *	7581.641 *	7368.523 *	6970.459 *	6400.733 *	5714.952 *	4904.661 *	4009.059 *
-65.0	4537.175 *	4434.297 *	4287.353 *	4093.391 *	3851.266 *	3540.510 *	3136.411 *	2639.531 *	2084.006 *	1583.612 *
-75.0	1054.790 *	1022.962 *	977.800 *	920.688 *	859.970 *	780.353 *	691.295	586.364	474.904	376.077
-85.0	112.452	111.472	110.080	108.168	105.999	103.150	99.490	95.590	90.355	85.238
-90.0	53.755	53.755	53.754	53.753	53.752	53.751	53.750	53.748	53.746	53.743

Vert. Angles	**Horizontal Angles**				
	55.0	**65.0**	**75.0**	**85.0**	**90.0**
90.0	53.739	53.733	53.726	53.719	53.715
85.0	77.288	67.624	60.306	55.522	53.719
75.0	255.304	150.710	92.953	60.306	53.726
65.0	957.766 *	399.261	150.710	67.624	53.733
55.0	2482.538 *	957.766 *	255.304	77.288	53.739
47.5	4009.059 *	1583.612 *	376.077	85.238	53.743
42.5	4904.661 *	2084.006 *	474.904	90.355	53.746
37.5	5714.952 *	2639.531 *	586.364	95.590	53.748
33.0	6400.733 *	3136.411 *	691.295	99.490	53.750
29.0	6970.459 *	3540.510 *	780.353 *	103.150	53.751
25.5	7368.523 *	3851.266 *	859.970 *	105.999	53.752
22.5	7581.641 *	4093.391 *	920.688 *	108.168	53.753
19.5	7615.240 *	4287.353 *	977.800 *	110.080	53.754
17.0	7598.904 *	4434.297 *	1022.962 *	111.472	53.755
15.0	7557.765 *	4537.175 *	1054.790 *	112.452	53.755
13.0	7519.129 *	4626.357 *	1082.740 *	113.313	53.755
11.0	7476.735 *	4703.126 *	1106.774 *	115.925	53.756
9.0	7438.291 *	4767.336 *	1126.859 *	115.925	53.756

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 : EPLC2-HB-150LED-RT-140DB_2016.IES

CANDELA TABULATION - (Cont.)

7.0	7407.398 *	4818.856 *	1142.961 *	115.925	53.756
5.0	7384.149 *	4857.590 *	1167.679 *	115.925	53.756
3.0	7359.856 *	4898.017 *	1167.679 *	115.925	53.756
1.0	7359.856 *	4898.017 *	1167.679 *	115.925	53.757
0.0	7359.856 *	4898.017 *	1167.679 *	115.925	53.757
-1.0	7359.856 *	4898.017 *	1167.679 *	115.925	53.757
-3.0	7359.856 *	4898.017 *	1167.679 *	115.925	53.756
-5.0	7384.149 *	4857.590 *	1167.679 *	115.925	53.756
-7.0	7407.398 *	4818.856 *	1142.961 *	115.925	53.756
-9.0	7438.291 *	4767.336 *	1126.859 *	115.925	53.756
-11.0	7476.735 *	4703.126 *	1106.774 *	115.925	53.756
-13.0	7519.129 *	4626.357 *	1082.740 *	113.313	53.755
-15.0	7557.765 *	4537.175 *	1054.790 *	112.452	53.755
-17.0	7598.904 *	4434.297 *	1022.962 *	111.472	53.755
-19.5	7615.240 *	4287.353 *	977.800 *	110.080	53.754
-22.5	7581.641 *	4093.391 *	920.688 *	108.168	53.753
-25.5	7368.523 *	3851.266 *	859.970 *	105.999	53.752
-29.0	6970.459 *	3540.510 *	780.353 *	103.150	53.751
-33.0	6400.733 *	3136.411 *	691.295	99.490	53.750
-37.5	5714.952 *	2639.531 *	586.364	95.590	53.748
-42.5	4904.661 *	2084.006 *	474.904	90.355	53.746
-47.5	4009.059 *	1583.612 *	376.077	85.238	53.743
-55.0	2482.538 *	957.766 *	255.304	77.288	53.739
-65.0	957.766 *	399.261	150.710	67.624	53.733
-75.0	255.304	150.710	92.953	60.306	53.726
-85.0	77.288	67.624	60.306	55.522	53.719
-90.0	53.739	53.733	53.726	53.719	53.715

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLC2-HB-150LED-RT-140DB_2016.IES

LUMEN TABULATION
Average Of Right And Left Sides
Total Luminaire Lumens (one side of beam only) = 10252.79
Total Field Lumens (one side of beam only) = 10044.51
* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	0	1	3	5	7	9	11	13	15	17
90	0.13	0.26	0.26	0.26	0.26	0.25	0.25	0.25	0.24	0.30
85	1.95	3.91	3.90	3.85	3.77	3.70	3.60	3.49	3.37	4.02
75	9.24 *	18.46 *	18.37 *	18.16 *	17.88 *	17.55 *	17.16 *	16.70 *	16.18 *	19.39 *
65	18.67 *	37.31 *	37.22 *	37.06 *	36.85 *	36.58 *	36.24 *	35.82 *	35.32 *	43.27 *
55	15.17 *	30.33 *	30.36 *	30.41 *	30.46 *	30.51 *	30.57 *	30.61 *	30.63 *	38.23 *
47.5	8.00 *	16.02 *	16.08 *	16.17 *	16.28 *	16.43 *	16.58 *	16.77 *	16.99 *	21.53 *
42.5	5.94 *	11.91 *	11.99 *	12.11 *	12.30 *	12.54 *	12.81 *	13.13 *	13.50 *	17.41 *
37.5	3.74 *	7.50 *	7.56 *	7.66 *	7.81 *	8.03 *	8.33 *	8.67 *	9.06 *	11.95 *
33	2.71 *	5.43 *	5.44 *	5.46 *	5.49 *	5.55 *	5.66 *	5.80 *	6.01 *	7.97 *
29	2.38 *	4.76 *	4.74 *	4.72 *	4.69 *	4.64 *	4.60 *	4.56 *	4.55 *	5.77 *
25.5	2.09 *	4.17 *	4.16 *	4.13 *	4.10 *	4.06 *	4.01 *	3.95 *	3.89 *	4.77 *
22.5	2.14 *	4.27 *	4.25 *	4.22 *	4.19 *	4.14 *	4.08 *	4.02 *	3.95 *	4.84 *
19.5	1.81 *	3.63 *	3.61 *	3.59 *	3.56 *	3.52 *	3.46 *	3.41 *	3.34 *	4.08 *
17	1.45 *	2.91 *	2.91 *	2.90 *	2.88 *	2.85 *	2.81 *	2.76 *	2.71 *	3.30 *
15	1.43 *	2.86 *	2.87 *	2.88 *	2.88 *	2.87 *	2.84 *	2.79 *	2.74 *	3.33 *
13	1.39 *	2.79 *	2.81 *	2.83 *	2.85 *	2.86 *	2.85 *	2.82 *	2.76 *	3.36 *
11	1.36 *	2.73 *	2.74 *	2.76 *	2.79 *	2.82 *	2.84 *	2.83 *	2.78 *	3.39 *
9	1.34 *	2.68 *	2.69 *	2.71 *	2.74 *	2.78 *	2.81 *	2.82 *	2.80 *	3.41 *
7	1.31 *	2.64 *	2.65 *	2.67 *	2.70 *	2.74 *	2.78 *	2.81 *	2.80 *	3.43 *
5	1.30 *	2.60 *	2.62 *	2.64 *	2.67 *	2.71 *	2.75 *	2.79 *	2.80 *	3.44 *
3	1.28 *	2.58 *	2.60 *	2.62 *	2.65 *	2.69 *	2.74 *	2.78 *	2.80 *	3.44 *
1	0.64 *	1.28 *	1.29 *	1.31 *	1.32 *	1.34 *	1.36 *	1.39 *	1.40 *	1.72 *
0	0.64 *	1.28 *	1.29 *	1.31 *	1.32 *	1.34 *	1.36 *	1.39 *	1.40 *	1.72 *
-1	1.28 *	2.58 *	2.60 *	2.62 *	2.65 *	2.69 *	2.74 *	2.78 *	2.80 *	3.44 *

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 : EPLC2-HB-150LED-RT-140DB_2016.IES

LUMENS TABULATION - (Cont.)

-3	1.30 *	2.60 *	2.62 *	2.64 *	2.67 *	2.71 *	2.75 *	2.79 *	2.80 *	3.44 *
-5	1.31 *	2.64 *	2.65 *	2.67 *	2.70 *	2.74 *	2.78 *	2.81 *	2.80 *	3.43 *
-7	1.34 *	2.68 *	2.69 *	2.71 *	2.74 *	2.78 *	2.81 *	2.82 *	2.80 *	3.41 *
-9	1.36 *	2.73 *	2.74 *	2.76 *	2.79 *	2.82 *	2.84 *	2.83 *	2.78 *	3.39 *
-11	1.39 *	2.79 *	2.81 *	2.83 *	2.85 *	2.86 *	2.85 *	2.82 *	2.76 *	3.36 *
-13	1.43 *	2.86 *	2.87 *	2.88 *	2.88 *	2.87 *	2.84 *	2.79 *	2.74 *	3.33 *
-15	1.45 *	2.91 *	2.91 *	2.90 *	2.88 *	2.85 *	2.81 *	2.76 *	2.71 *	3.30 *
-17	1.81 *	3.63 *	3.61 *	3.59 *	3.56 *	3.52 *	3.46 *	3.41 *	3.34 *	4.08 *
-19.5	2.14 *	4.27 *	4.25 *	4.22 *	4.19 *	4.14 *	4.08 *	4.02 *	3.95 *	4.84 *
-22.5	2.09 *	4.17 *	4.16 *	4.13 *	4.10 *	4.06 *	4.01 *	3.95 *	3.89 *	4.77 *
-25.5	2.38 *	4.76 *	4.74 *	4.72 *	4.69 *	4.64 *	4.60 *	4.56 *	4.55 *	5.77 *
-29	2.71 *	5.43 *	5.44 *	5.46 *	5.49 *	5.55 *	5.66 *	5.80 *	6.01 *	7.97 *
-33	3.74 *	7.50 *	7.56 *	7.66 *	7.81 *	8.03 *	8.33 *	8.67 *	9.06 *	11.95 *
-37.5	5.94 *	11.91 *	11.99 *	12.11 *	12.30 *	12.54 *	12.81 *	13.13 *	13.50 *	17.41 *
-42.5	8.00 *	16.02 *	16.08 *	16.17 *	16.28 *	16.43 *	16.58 *	16.77 *	16.99 *	21.53 *
-47.5	15.17 *	30.33 *	30.36 *	30.41 *	30.46 *	30.51 *	30.57 *	30.61 *	30.63 *	38.23 *
-55	18.67 *	37.31 *	37.22 *	37.06 *	36.85 *	36.58 *	36.24 *	35.82 *	35.32 *	43.27 *
-65	9.24 *	18.46 *	18.37 *	18.16 *	17.88 *	17.55 *	17.16 *	16.70 *	16.18 *	19.39 *
-75	1.95	3.91	3.90	3.85	3.77	3.70	3.60	3.49	3.37	4.02
-85	0.13	0.26	0.26	0.26	0.26	0.25	0.25	0.25	0.24	0.30
-90										
Total	170.96	342.07	342.24	342.25	342.22	342.32	342.26	341.93	341.23	424.74

Vert. Angles	**Horizontal Angles**									
	19.5	**22.5**	**25.5**	**29**	**33**	**37.5**	**42.5**	**47.5**	**55**	**65**
90	0.35	0.34	0.38	0.40	0.42	0.43	0.38	0.48	0.48	0.31
85	4.51	4.16	4.38	4.37	4.12	3.64	2.76	2.84	2.10	0.97
75	21.92 *	20.30 *	21.40 *	21.27 *	19.74 *	16.87 *	12.16 *	11.33 *	6.70	2.06
65	50.28 *	47.78 *	51.48 *	52.34 *	50.06 *	44.74 *	33.86 *	32.27 *	18.24 *	4.59
55	45.57 *	44.78 *	50.50 *	54.75 *	56.98 *	54.88 *	43.48 *	43.54 *	25.76 *	6.19 *

LUMENS TABULATION - (Cont.)

47.5	26.25 *	26.67 *	31.54 *	36.35 *	40.68 *	42.76 *	36.51 *	38.47 *	23.92 *	5.88 *
42.5	21.70 *	22.60 *	27.42 *	32.49 *	37.50 *	41.91 *	39.47 *	44.82 *	29.17 *	7.52 *
37.5	15.34 *	16.48 *	20.69 *	25.45 *	30.49 *	35.18 *	35.22 *	43.65 *	30.62 *	8.26 *
33	10.45 *	11.62 *	15.16 *	19.42 *	24.25 *	29.03 *	29.98 *	39.96 *	30.50 *	8.48 *
29	7.30 *	8.13 *	10.94 *	14.62 *	19.00 *	23.62 *	25.08 *	35.54 *	28.92 *	8.22 *
25.5	5.68 *	5.94 *	7.91 *	10.90 *	14.73 *	18.94 *	20.64 *	30.66 *	26.12 *	7.59 *
22.5	5.64 *	5.56 *	6.96 *	9.59 *	13.41 *	17.81 *	19.88 *	30.53 *	26.90 *	8.02 *
19.5	4.76 *	4.59 *	5.40 *	7.19 *	10.27 *	14.04 *	16.03 *	25.18 *	22.76 *	6.97 *
17	3.84 *	3.70 *	4.20 *	5.36 *	7.70 *	10.75 *	12.49 *	19.93 *	18.35 *	5.75 *
15	3.87 *	3.72 *	4.17 *	5.12 *	7.29 *	10.36 *	12.22 *	19.73 *	18.44 *	5.88 *
13	3.90 *	3.74 *	4.18 *	4.96 *	6.95 *	10.03 *	11.98 *	19.55 *	18.50 *	5.99 *
11	3.92 *	3.76 *	4.19 *	4.83 *	6.66 *	9.75 *	11.79 *	19.38 *	18.55 *	6.09 *
9	3.95 *	3.78 *	4.21 *	4.75 *	6.44 *	9.51 *	11.63 *	19.24 *	18.58 *	6.17 *
7	3.97 *	3.80 *	4.22 *	4.71 *	6.29 *	9.33 *	11.49 *	19.13 *	18.61 *	6.24 *
5	3.98 *	3.81 *	4.23 *	4.68 *	6.19 *	9.21 *	11.39 *	19.04 *	18.63 *	6.29 *
3	3.99 *	3.81 *	4.23 *	4.65 *	6.12 *	9.13 *	11.34 *	18.99 *	18.65 *	6.31 *
1	2.00 *	1.91 *	2.12 *	2.32 *	3.05 *	4.55 *	5.66 *	9.49 *	9.32 *	3.16 *
0	2.00 *	1.91 *	2.12 *	2.32 *	3.05 *	4.55 *	5.66 *	9.49 *	9.32 *	3.16 *
-1	3.99 *	3.81 *	4.23 *	4.65 *	6.12 *	9.13 *	11.34 *	18.99 *	18.65 *	6.31 *
-3	3.98 *	3.81 *	4.23 *	4.68 *	6.19 *	9.21 *	11.39 *	19.04 *	18.63 *	6.29 *
-5	3.97 *	3.80 *	4.22 *	4.71 *	6.29 *	9.33 *	11.49 *	19.13 *	18.61 *	6.24 *
-7	3.95 *	3.78 *	4.21 *	4.75 *	6.44 *	9.51 *	11.63 *	19.24 *	18.58 *	6.17 *
-9	3.92 *	3.76 *	4.19 *	4.83 *	6.66 *	9.75 *	11.79 *	19.38 *	18.55 *	6.09 *
-11	3.90 *	3.74 *	4.18 *	4.96 *	6.95 *	10.03 *	11.98 *	19.55 *	18.50 *	5.99 *
-13	3.87 *	3.72 *	4.17 *	5.12 *	7.29 *	10.36 *	12.22 *	19.73 *	18.44 *	5.88 *
-15	3.84 *	3.70 *	4.20 *	5.36 *	7.70 *	10.75 *	12.49 *	19.93 *	18.35 *	5.75 *
-17	4.76 *	4.59 *	5.40 *	7.19 *	10.27 *	14.04 *	16.03 *	25.18 *	22.76 *	6.97 *
-19.5	5.64 *	5.56 *	6.96 *	9.59 *	13.41 *	17.81 *	19.88 *	30.53 *	26.90 *	8.02 *

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 : EPLC2-HB-150LED-RT-140DB_2016.IES

LUMENS TABULATION - (Cont.)

-22.5	5.68 *	5.94 *	7.91 *	10.90 *	14.73 *	18.94 *	20.64 *	30.66 *	26.12 *	7.59 *
-25.5	7.30 *	8.13 *	10.94 *	14.62 *	19.00 *	23.62 *	25.08 *	35.54 *	28.92 *	8.22 *
-29	10.45 *	11.62 *	15.16 *	19.42 *	24.25 *	29.03 *	29.98 *	39.96 *	30.50 *	8.48 *
-33	15.34 *	16.48 *	20.69 *	25.45 *	30.49 *	35.18 *	35.22 *	43.65 *	30.62 *	8.26 *
-37.5	21.70 *	22.60 *	27.42 *	32.49 *	37.50 *	41.91 *	39.47 *	44.82 *	29.17 *	7.52 *
-42.5	26.25 *	26.67 *	31.54 *	36.35 *	40.68 *	42.76 *	36.51 *	38.47 *	23.92 *	5.88 *
-47.5	45.57 *	44.78 *	50.50 *	54.75 *	56.98 *	54.88 *	43.48 *	43.54 *	25.76 *	6.19 *
-55	50.28 *	47.78 *	51.48 *	52.34 *	50.06 *	44.74 *	33.86 *	32.27 *	18.24 *	4.59
-65	21.92 *	20.30 *	21.40 *	21.27 *	19.74 *	16.87 *	12.16 *	11.33 *	6.70	2.06
-75	4.51	4.16	4.38	4.37	4.12	3.64	2.76	2.84	2.10	0.97
-85	0.35	0.34	0.38	0.40	0.42	0.43	0.38	0.48	0.48	0.31
-90										
Total	506.32	501.93	579.80	661.06	756.71	852.93	830.89	1087.5	859.66	253.86

Vert. Angles	**Horizontal Angles**		
	75	**85**	**90**	**Total**
90	0.15	0.02	6.58
85	0.36	0.04	69.81
75	0.49	0.04	323.38
65	0.73	0.04	740.76
55	0.79	0.03	724.53
47.5	0.68	0.02	470.58
42.5	0.82	0.02	429.11
37.5	0.88	0.02	342.58
33	0.88	0.02	275.27
29	0.85	0.02	227.65
25.5	0.79	0.02	189.25
22.5	0.84	0.02	185.26
19.5	0.73	0.01	151.95
17	0.61	0.01	120.17

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.

LUMENS TABULATION - (Cont.)

15	0.62	0.01	118.95
13	0.64	0.01	117.75
11	0.65	0.01	116.64
9	0.66	0.01	115.69
7	0.67	0.01	114.97
5	0.68	0.01	114.45
3	0.68	0.01	114.09
1	0.34	0.01	56.97
0	0.34	0.01	56.97
-1	0.68	0.01	114.09
-3	0.68	0.01	114.45
-5	0.67	0.01	114.97
-7	0.66	0.01	115.69
-9	0.65	0.01	116.64
-11	0.64	0.01	117.75
-13	0.62	0.01	118.95
-15	0.61	0.01	120.17
-17	0.73	0.01	151.95
-19.5	0.84	0.02	185.26
-22.5	0.79	0.02	189.25
-25.5	0.85	0.02	227.65
-29	0.88	0.02	275.27
-33	0.88	0.02	342.58
-37.5	0.82	0.02	429.11
-42.5	0.68	0.02	470.58
-47.5	0.79	0.03	724.53
-55	0.73	0.04	740.76
-65	0.49	0.04	323.38

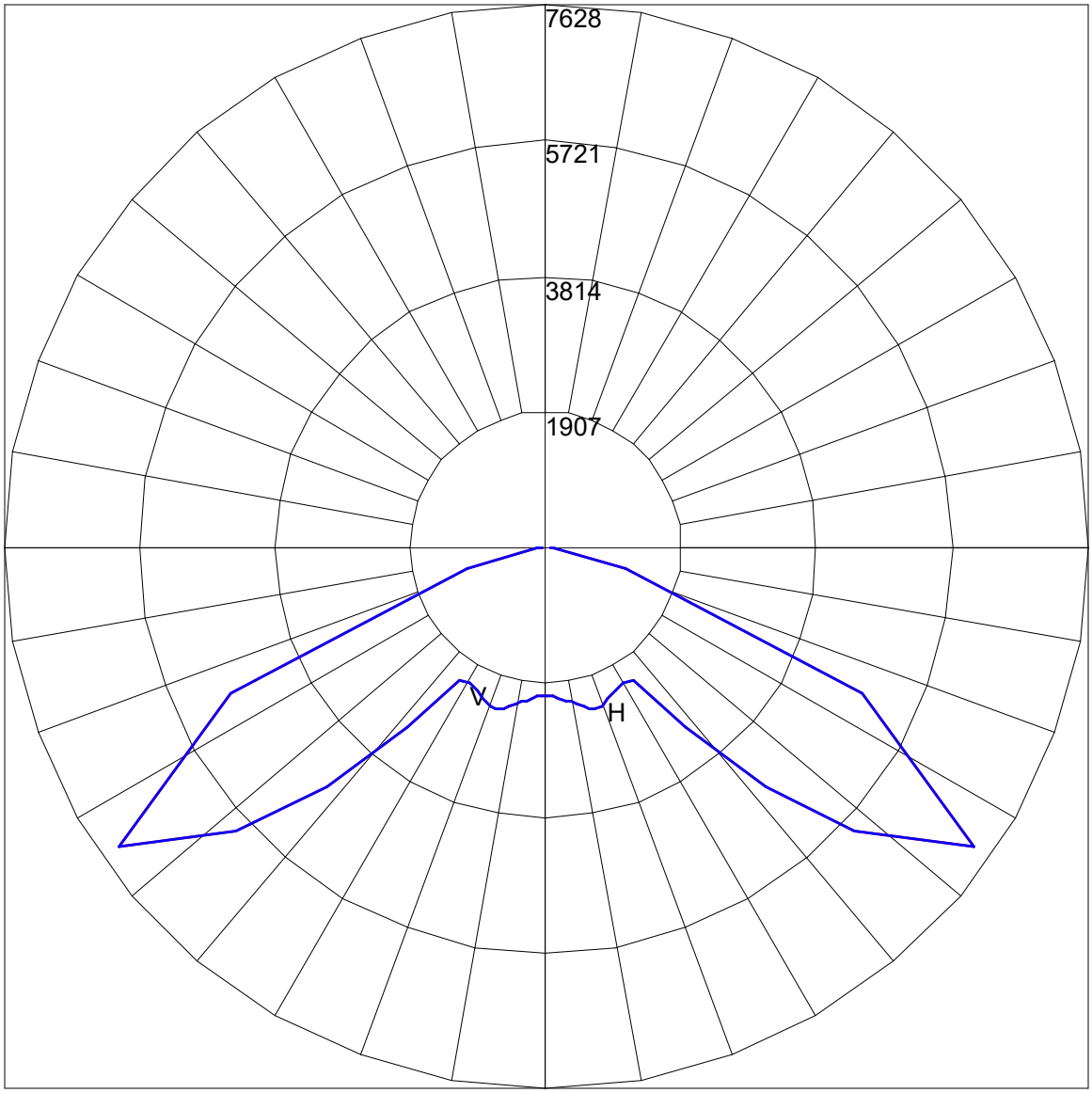
Photometric Toolbox Professional Edition - Copyright 2002-2015 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

LUMENS TABULATION - (Cont.)

-75			
	0.36	0.04	69.81
-85			
	0.15	0.02	6.58
-90			
Total	29.07	0.84	10252.8

IES FLOOD REPORT
PHOTOMETRIC FILENAME : EPLC2-HB-150LED-RT-140DB_2016.IES

AXIAL CANDELA DISPLAY

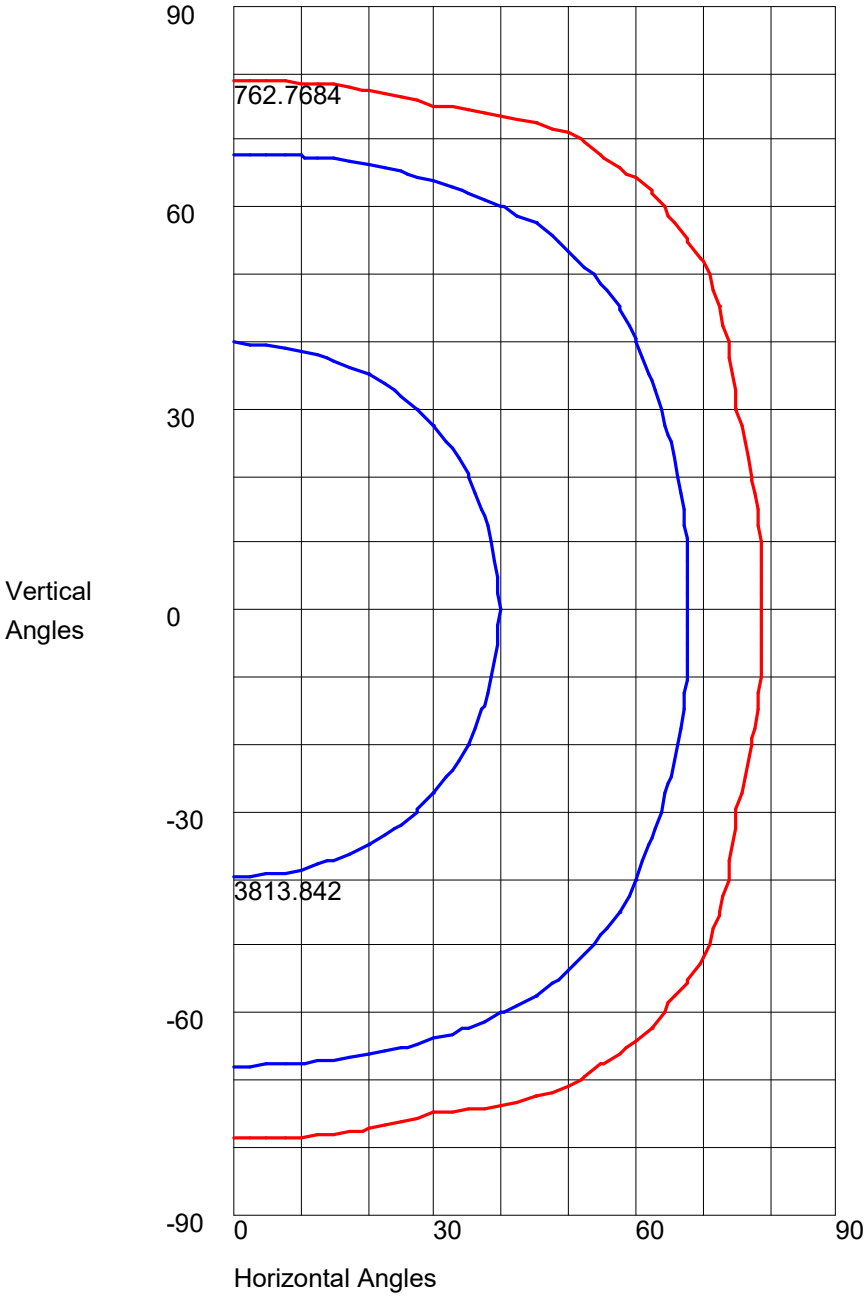


Maximum Candela = 7627.684 Located At Horizontal Angle =-42.5, Vertical Angle =-42.5
H - Horizontal Axial Candela
V - Vertical Axial Candela

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 : EPLC2-HB-150LED-RT-140DB_2016.IES

ISOCANDELA CURVES



Maximum Candela = 7627.684 Located At Horizontal Angle =-42.5, Vertical Angle =-42.5
50% Maximum Candela = 3813.842
10% Maximum Candela = 762.7684