



IES FLOOD REPORT

PHOTOMETRIC FILENAME : SALSR25LED250DMV40-NVLAP-IES.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Dongguan New Testing Centre Co., Ltd

[TESTDATE] 26 December 2017

[ISSUEDATE] 2018-01-10 09:29:50

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] Mobern Lighting Co.

[LUMCAT] SALSR25LED250DMV40

[LUMINAIRE] LED

[BALLAST] 120-277Vac,50/60Hz

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
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[OTHER]	0- 10	785.31	785.31	2.39	2.39
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[OTHER]	10- 20	2329.43	3114.74	9.47	9.47
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[OTHER]	20- 30	3741.83	6856.56	20.85	20.85
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[OTHER]	30- 40	5010.15	11866.72	36.09	36.09
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[OTHER]	40- 50	6033.00	17899.72	54.43	54.43
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[OTHER]	50- 60	6644.91	24544.63	74.64	74.64
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[OTHER]	60- 70	5743.90	30288.53	92.11	92.11
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[OTHER]	70- 80	2125.12	32413.65	98.57	98.57
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[OTHER]	80- 90	467.12	32880.78	99.99	99.99
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[OTHER]	90-100	0.67	32881.44	99.99	99.99
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[OTHER]	100-110	0.34	32881.79	100.00	100.00
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[OTHER]	110-120	0.40	32882.19	100.00	100.00
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[OTHER]	120-130	0.30	32882.49	100.00	100.00
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[OTHER]	130-140	0.24	32882.72	100.00	100.00
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[OTHER]	140-150	0.21	32882.93	100.00	100.00
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[OTHER]	150-160	0.18	32883.11	100.00	100.00
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[OTHER]	160-170	0.12	32883.24	100.00	100.00
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[OTHER]	170-180	0.05	32883.28	100.00	100.00
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[OTHER]

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

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CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	15172.045
Maximum Candela Angle	-37.5H 55V
Horizontal Beam Angle (50%)	111.6
Vertical Beam Angle (50%)	73.9
Horizontal Field Angle (10%)	137.2
Vertical Field Angle (10%)	143.2
Lumens Per Lamp	32883 (1 lamp)
Total Lamp Lumens	32883
Beam Lumens	21441
Beam Efficiency	65 %
Field Lumens	31452
Field Efficiency	96 %
Spill Lumens	1348
Luminaire Lumens	32801
Total Efficiency	100 %
Total Luminaire Watts	252.162
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.057	90	.343
85	250.05	85	382.93
75	1463.74	75	1726.79
65	4770.93	65	6043.29
55	7112.74	55	11412.75
47.5	8022.35	47.5	12319.755
42.5	8346.145	42.5	12356.095
37.5	8496.445	37.5	12033.72
33	8524.7	33	11573.7
29	8493.12	29	11114.47
25.5	8437.37	25.5	10709.95
22.5	8377.47	22.5	10369.675
19.5	8316.265	19.5	10045.155
17	8270.2	17	9786.9
15	8238.73	15	9586.02
13	8213.65	13	9387.12
11	8194.9	11	9189.83
9	8183	9	8993.37
7	8175.81	7	8801.41
5	8172.35	5	8614.8
3	8173.43	3	8438.04
1	8180.48	1	8271.94
0	8193.169	0	8193.169
-1	8193.53	-1	8117.77
-3	8212.35	-3	7973.97
-5	8235.88	-5	7830.32
-7	8263.99	-7	7664.81
-9	8296.39	-9	7471.39
-11	8333.49	-11	7248.21
-13	8378.18	-13	7008.11
-15	8429.35	-15	6741.58
-17	8486.69	-17	6449.71
-19.5	8564.08	-19.5	6058.985
-22.5	8659.105	-22.5	5614.775
-25.5	8753.54	-25.5	5253.925
-29	8849.78	-29	4997.12
-33	8931.61	-33	4711.13
-37.5	8959.57	-37.5	4298.895
-42.5	8867.185	-42.5	3765.145
-47.5	8576.57	-47.5	3237.57
-55	7650.53	-55	2567.43
-65	5072.5	-65	1910.81
-75	1515.74	-75	1051.94
-85	236.27	-85	298.45
-90	.094	-90	1.877

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CANDELA TABULATION

Maximum Candela = 15172.045

Beam Edge = 7586.0225 Cd (50% of Max.)

Field Edge = 1517.2045 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	0.090	0.077	0.051	0.039	0.050	0.073	0.072	0.055	0.039	0.030
85.0	0.090	0.242	16.025	70.894	196.818	373.980	423.072	420.262	409.709	409.049
75.0	0.091	14.062	221.412	675.035	1088.645	1410.371	1640.458	*1791.391	*1777.918	*1671.226 *
65.0	0.092	51.987	523.988	1168.763	2779.451	*5366.674	*8190.976	*8917.102	*8678.996	*8032.137 *
55.0	0.092	87.024	713.606	1939.438	*8200.641	*13322.129	*5089.672	*5172.045	*4135.798	*3386.983 *
47.5	0.093	118.000	842.502	2876.496	*11307.977	*4289.705	*4500.227	*4605.520	*3972.796	*3502.585 *
42.5	0.093	136.984	933.850	3397.561	*11747.948	*3529.903	*3365.664	*3368.123	*3291.190	*2980.612 *
37.5	0.093	155.025	1030.887	3864.003	*11456.659	*2446.290	*2256.320	*2249.281	*2315.108	*2240.813 *
33.0	0.093	173.850	1122.014	4357.978	*10981.515	*1606.836	*1378.805	*1422.547	*1501.630	*1558.552 *
29.0	0.094	191.275	1199.253	4937.746	*10558.411	*1079.134	*0886.872	*0824.104	*0931.001	*0980.789 *
25.5	0.094	204.314	1267.541	5330.757	*10220.557	*0746.958	*0617.196	*0455.706	*0529.345	*0589.276 *
22.5	0.094	213.829	1318.918	5587.599	*9968.575	*10531.651	*0438.919	*0309.928	*0238.716	*0292.318 *
19.5	0.094	221.801	1367.947	5715.023	*9695.639	*10361.388	*0305.309	*0184.782	*0088.875	*0045.810 *
17.0	0.094	227.261	1407.409	5774.948	*9457.619	*10244.379	*0206.941	*0088.703	*9983.079	*9900.692 *
15.0	0.094	230.857	1434.697	5784.054	*9260.663	*10036.308	*0135.168	*0016.005	*9899.510	*9803.428 *
13.0	0.094	233.766	1458.143	5758.610	*9065.152	*9834.763	*9991.196	*9944.973	*9816.548	*9706.129 *
11.0	0.094	245.833	1477.721	5708.325	*8856.978	*9637.289	*9809.721	*9831.357	*9734.443	*9609.285 *
9.0	0.094	244.110	1493.417	5634.978	*8648.623	*9444.103	*9632.305	*9664.102	*9608.393	*9513.686 *
7.0	0.094	242.378	1505.211	5540.456	*8436.720	*9252.747	*9459.716	*9501.392	*9452.323	*9368.791 *
5.0	0.094	240.638	1525.262	*5426.763	*8220.137	*9061.501	*9289.647	*9344.441	*9298.657	*9214.151 *
3.0	0.094	238.893	1521.458	*5310.133	*8006.614	*8869.601	*9121.045	*9189.327	*9149.504	*9065.082 *
1.0	0.094	237.145	1517.647	*5151.757	*7769.319	*8675.243	*8952.221	*9036.005	*9003.453	*8920.200 *
0.0	0.094	236.270	1515.740	5072.500	*7650.530	*8576.570	*8867.185	*8959.570	*8931.610	*8849.780 *
-1.0	0.094	236.270	1508.034	4981.642	*7471.811	*8365.381	*8658.276	*8768.140	*8764.583	*8706.718 *
-3.0	0.094	238.305	1492.632	4800.083	*7114.803	*7938.569	*8237.045	*8382.877	*8428.774	*8420.164 *
-5.0	0.094	239.659	1477.262	4586.100	*6732.040	*7504.995	*7809.147	*7990.924	*8086.004	*8126.961 *
-7.0	0.094	241.009	1440.402	4376.874	*6352.860	*7063.688	*7372.146	*7592.754	*7731.064	*7821.492 *
-9.0	0.094	242.353	1412.164	4161.681	*5968.496	*6613.120	*6922.937	*7168.392	*7366.041	*7492.331 *
-11.0	0.094	243.689	1381.562	3942.102	*5579.976	*6152.868	*6460.292	*6730.326	*6975.332	*7129.175 *
-13.0	0.094	231.257	1348.932	3719.684	*5192.105	*5683.028	*5995.162	*6331.347	*6593.096	*6745.430 *
-15.0	0.094	227.978	1314.600	3495.922	*4794.069	*5202.780	*5563.357	*5970.510	*6199.297	*6341.037 *
-17.0	0.094	224.018	1278.883	3270.084	*4400.281	*4712.950	*5257.209	*5605.955	*5800.372	*5917.244 *
-19.5	0.094	218.113	1232.760	2989.392	*3908.954	*4426.686	*4881.311	*5148.431	*5298.874	*5431.512 *
-22.5	0.094	209.625	1177.819	2665.260	*3324.360	*4094.719	*4455.986	*4607.923	*4734.967	*5037.040 *
-25.5	0.094	199.614	1122.504	2349.919	*3107.723	*3779.699	*4040.158	*4104.129	*4430.586	*4684.233 *
-29.0	0.094	186.026	1056.102	2015.143	*2861.225	*3438.733	*3611.564	*3813.255	*4124.228	*4353.323 *
-33.0	0.093	168.018	982.089	1684.100	*2595.251	*3079.241	*3235.970	*3559.289	*3830.245	*4025.696 *
-37.5	0.093	148.582	900.877	1479.932	2323.472	*2719.452	*2983.082	*3271.698	*3514.969	*3701.298 *
-42.5	0.093	130.179	821.543	1361.786	2062.372	*2434.284	*2696.930	*2935.605	*3140.640	*3289.093 *
-47.5	0.093	110.941	748.990	1248.299	1834.984	*2186.034	*2399.476	*2599.117	*2758.216	*2878.110 *
-55.0	0.092	80.934	649.822	1091.841	1549.964	*1827.220	*1989.971	*2132.030	*2244.873	*2327.722 *
-65.0	0.092	53.040	491.798	845.735	1181.608	1380.479	1502.024	1593.305	*1670.206	*1732.622 *
-75.0	0.091	23.951	191.487	552.756	752.135	846.046	905.855	958.973	991.709	1009.666
-85.0	0.090	9.896	46.610	147.403	239.910	274.526	306.893	338.654	345.946	347.373
-90.0	0.090	6.863	20.443	7.170	13.769	33.477	33.487	20.416	8.665	0.833

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0.036	0.040	0.044	0.048	0.051	0.090	0.129	0.168	0.207	0.246
85.0	413.539	414.939	414.001	411.385	407.723	408.892	425.357	417.644	409.930	402.216
75.0	1714.126	*1735.048	*1745.453	*1744.336	*1735.076	*1736.776	*1741.310	*1743.536	*1743.515	*1747.488 *
65.0	7618.834	*7390.693	*7055.330	*6742.031	*6457.498	*6256.101	*6282.108	*6287.353	*6271.396	*6233.852 *
55.0	12871.127	*12595.401	*12329.043	*12112.542	*11939.631	*11774.131	*11699.264	*11667.537	*11627.016	*11577.464 *
47.5	13307.654	*13219.334	*13005.989	*12856.760	*12752.126	*12660.950	*12582.502	*12540.287	*12495.233	*12446.965 *
42.5	12895.517	*12912.253	*12840.133	*12725.989	*12657.537	*12604.334	*12574.298	*12533.866	*12488.053	*12444.348 *
37.5	12215.885	*12252.975	*12328.783	*12249.749	*12205.649	*12180.070	*12173.447	*12173.214	*12120.621	*12087.016 *
33.0	11559.233	*11591.827	*11648.692	*11686.607	*11651.514	*11636.001	*11637.188	*11645.466	*11633.549	*11599.633 *
29.0	11018.811	*11035.661	*11086.541	*11126.905	*11143.522	*11129.379	*11130.703	*11145.465	*11159.558	*11127.915 *
25.5	10611.883	*10623.713	*10649.741	*10676.239	*10701.340	*10710.591	*10706.553	*10714.660	*10737.552	*10719.284 *
22.5	10315.745	*10314.115	*10317.931	*10333.294	*10348.046	*10367.711	*10367.336	*10368.396	*10382.298	*10380.256 *
19.5	10055.697	*10045.410	*10028.738	*10026.347	*10032.368	*10040.174	*10054.172	*10048.258	*10052.582	*10066.851 *
17.0	9860.920	*9843.146	*9817.612	*9799.660	*9792.997	*9793.060	*9798.929	*9802.688	*9796.522	*9804.168 *
15.0	9731.435	*9692.229	*9659.443	*9632.786	*9611.064	*9609.601	*9606.573	*9611.098	*9602.787	*9600.509 *
13.0	9619.864	*9555.493	*9507.597	*9473.181	*9451.258	*9436.113	*9423.406	*9419.064	*9418.293	*9404.848 *
11.0	9508.195	*9430.837	*9363.894	*9319.795	*9290.583	*9265.757	*9249.372	*9234.992	*9227.671	*9208.477 *
9.0	9397.246	*9306.991	*9226.001	*9170.804	*9135.219	*9102.026	*9076.363	*9059.524	*9040.884	*9032.076 *
7.0	9279.439	*9185.508	*9090.704	*9023.256	*8978.062	*8941.819	*8910.083	*8882.915	*8863.042	*8842.662 *
5.0	9121.841	*9035.758	*8951.515	*8879.912	*8825.933	*8780.072	*8741.099	*8716.114	*8687.212	*8659.546 *
3.0	8970.480	*8880.925	*8790.993	*8719.097	*8667.098	*8621.499	*8583.773	*8548.216	*8519.226	*8496.279 *
1.0	8824.628	*8731.572	*8638.012	*8561.253	*8505.437	*8455.960	*8413.277	*8378.156	*8348.355	*8323.303 *
0.0	8753.540	*8659.105	*8564.080	*8486.690	*8429.350	*8378.180	*8333.490	*8296.390	*8263.990	*8235.880 *
-1.0	8629.859	*8550.364	*8467.674	*8398.092	*8345.834	*8298.037	*8255.814	*8219.776	*8188.119	*8161.122 *
-3.0	8382.559	*8333.539	*8276.126	*8224.375	*8182.487	*8141.634	*8104.739	*8070.804	*8043.686	*8018.561 *
-5.0	8130.164	*8112.550	*8080.650	*8040.660	*8001.772	*7967.363	*7940.280	*7915.641	*7890.937	*7868.178 *
-7.0	7864.519	*7863.051	*7836.633	*7810.238	*7788.315	*7769.071	*7752.282	*7731.107	*7709.277	*7698.029 *
-9.0	7548.928	*7563.202	*7560.508	*7555.133	*7548.556	*7541.707	*7529.147	*7512.602	*7510.669	*7497.141 *
-11.0	7203.593	*7239.209	*7256.759	*7275.094	*7285.056	*7282.823	*7270.182	*7282.742	*7278.752	*7283.031 *
-13.0	6834.635	*6887.126	*6941.874	*6975.291	*6990.787	*6989.252	*7013.201	*7024.837	*7022.836	*7032.494 *
-15.0	6438.810	*6534.713	*6612.206	*6648.023	*6672.093	*6699.703	*6726.439	*6733.131	*6753.278	*6756.457 *
-17.0	6062.174	*6190.788	*6260.869	*6291.085	*6340.008	*6386.899	*6410.722	*6426.560	*6454.691	*6452.622 *
-19.5	5646.231	*5755.705	*5796.824	*5874.842	*5941.884	*5975.659	*5987.081	*6036.895	*6057.860	*6053.448 *
-22.5	5172.828	*5240.229	*5335.742	*5429.123	*5474.058	*5498.904	*5545.547	*5586.552	*5600.016	*5614.344 *
-25.5	4775.159	*4829.353	*4989.073	*5069.025	*5092.857	*5126.466	*5183.315	*5217.137	*5226.774	*5244.805 *
-29.0	4433.094	*4575.173	*4688.368	*4764.088	*4809.219	*4861.072	*4904.686	*4938.557	*4962.729	*4983.281 *
-33.0	4173.565	*4292.653	*4400.706	*4479.248	*4531.276	*4577.146	*4616.920	*4656.536	*4677.204	*4697.053 *
-37.5	3831.297	*3938.389	*4036.647	*4102.842	*4148.702	*4188.091	*4221.110	*4247.631	*4279.510	*4292.035 *
-42.5	3402.538	*3496.475	*3566.121	*3619.253	*3655.324	*3693.010	*3706.297	*3730.085	*3751.733	*3765.780 *
-47.5	2966.395	*3031.981	*3092.815	*3133.202	*3159.289	*3179.149	*3194.080	*3215.865	*3231.675	*3241.445 *
-55.0	2388.202	*2435.070	*2475.491	*2502.049	*2518.627	*2532.382	*2544.698	*2557.390	*2566.279	*2571.358 *
-65.0	1774.747	*1805.276	*1830.546	*1849.910	*1862.791	*1873.545	*1884.706	*1893.930	*1901.188	*1906.457 *
-75.0	1022.478	1030.547	1036.674	1039.307	1039.018	1043.116	1047.955	1051.546	1053.873	1058.965
-85.0	337.608	328.009	317.307	307.571	299.265	300.138	306.598	305.117	303.636	302.154
-90.0	0.818	0.803	0.785	0.767	0.753	0.905	1.056	1.207	1.357	1.507

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0.285	0.324	0.343	0.324	0.285	0.246	0.207	0.168	0.129	0.090
85.0	394.502	386.787	382.930	385.784	391.493	397.201	402.909	408.616	414.323	398.818
75.0	1739.210	*1730.930	*1726.790	*1729.903	*1736.130	*1742.354	*1735.992	*1733.583	*1728.719	*1721.292 *
65.0	6199.669	*6095.426	*6043.290	*6100.092	*6213.664	*6256.737	*6302.841	*6326.765	*6328.734	*6309.026 *

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

22.5	10093.574	*0052.116	*0002.821	9966.802	*9951.640	*9913.896	*9845.266	*9883.773	*9985.192	*10076.671 *
19.5	9797.591	*9764.337	*9738.630	*9732.550	*9724.438	*9699.083	*9715.225	*9779.600	*9877.703	*9942.474 *
17.0	9571.082	*9551.536	*9546.865	*9550.454	*9550.600	*9567.657	*9619.360	*9695.967	*9796.011	*9850.225 *
15.0	9398.200	*9397.061	*9399.936	*9410.700	*9429.983	*9474.723	*9541.387	*9630.515	*9735.970	*9623.408 *
13.0	9242.722	*9244.850	*9255.433	*9279.255	*9319.774	*9379.464	*9462.480	*9566.406	*9585.926	*9402.943 *
11.0	9085.602	*9093.803	*9114.117	*9153.248	*9207.473	*9283.193	*9382.910	*9449.956	*9386.911	*9186.733 *
9.0	8931.152	*8943.798	*8973.952	*9027.073	*9094.870	*9186.551	*9252.385	*9268.146	*9192.301	*8974.648 *
7.0	8773.336	*8794.151	*8834.654	*8901.324	*8973.736	*9036.457	*9085.393	*9091.474	*9002.465	*8764.495 *
5.0	8618.426	*8647.112	*8692.701	*8751.609	*8813.550	*8875.813	*8921.098	*8919.841	*8814.724	*8554.655 *
3.0	8463.711	*8492.874	*8537.527	*8598.534	*8659.577	*8720.177	*8760.848	*8749.926	*8628.031	*8344.011 *
1.0	8311.699	*8342.450	*8388.749	*8450.068	*8510.514	*8567.960	*8603.053	*8581.026	*8440.652	*8130.653 *
0.0	8238.730	*8270.200	*8316.265	*8377.470	*8437.370	*8493.120	*8524.700	*8496.445	*8346.145	*8022.350 *
-1.0	8161.751	*8188.101	*8226.300	*8275.314	*8320.881	*8358.358	*8368.526	*8318.248	*8154.029	*7829.854 *
-3.0	8007.809	*8024.297	*8046.069	*8070.476	*8086.859	*8086.913	*8053.171	*7958.897	*7766.192	*7440.279 *
-5.0	7834.575	*7848.661	*7859.984	*7860.499	*7846.530	*7808.088	*7730.245	*7592.589	*7371.766	*7044.035 *
-7.0	7627.997	*7626.298	*7624.455	*7620.859	*7591.959	*7516.493	*7394.739	*7220.507	*6968.739	*6640.484 *
-9.0	7394.243	*7377.702	*7356.551	*7331.338	*7289.035	*7202.524	*7049.437	*6823.140	*6553.238	*6228.484 *
-11.0	7138.679	*7105.878	*7060.915	*7017.539	*6957.579	*6858.100	*6680.149	*6413.766	*6124.811	*5807.531 *
-13.0	6853.811	*6816.877	*6756.852	*6675.181	*6603.872	*6494.095	*6320.701	*6041.557	*5694.541	*5377.731 *
-15.0	6546.473	*6501.570	*6442.985	*6340.941	*6225.169	*6111.850	*5951.653	*5705.463	*5296.066	*4938.699 *
-17.0	6223.685	*6159.492	*6107.669	*6014.681	*5869.283	*5712.209	*5576.996	*5367.068	*5013.894	*4490.802 *
-19.5	5839.504	*5760.567	*5668.878	*5604.742	*5479.620	*5255.118	*5107.856	*4943.172	*4666.655	*4223.764 *
-22.5	5391.200	*5330.679	*5229.029	*5119.124	*5035.169	*4888.413	*4584.748	*4442.156	*4272.185	*3915.411 *
-25.5	5020.686	*4986.532	*4897.364	*4729.351	*4659.618	*4553.439	*4299.021	*3972.549	*3886.899	*3623.839 *
-29.0	4742.918	*4690.374	*4605.553	*4484.557	*4333.199	*4241.537	*4009.128	*3697.008	*3487.349	*3306.609 *
-33.0	4471.906	*4411.960	*4326.415	*4210.069	*4082.188	*3927.170	*3727.090	*3456.066	*3134.702	*2973.368 *
-37.5	4097.589	*4045.545	*3972.237	*3866.812	*3752.615	*3614.842	*3425.890	*3183.423	*2896.317	*2635.419 *
-42.5	3614.545	*3573.793	*3515.373	*3438.580	*3339.335	*3220.933	*3069.879	*2863.511	*2625.242	*2364.712 *
-47.5	3128.742	*3098.629	*3053.806	*2989.061	*2918.753	*2825.598	*2703.048	*2542.638	*2341.452	*2129.142 *
-55.0	2496.823	*2477.676	*2448.277	*2405.049	*2355.393	*2291.999	*2206.639	*2093.602	*1947.979	*1786.784 *
-65.0	1847.108	*1833.026	*1812.044	*1784.689	*1752.546	*1709.777	*1646.922	*1568.722	*1477.223	1357.006
-75.0	1033.229	1032.179	1027.625	1019.017	1008.443	992.496	975.067	943.462	891.753	832.727
-85.0	300.450	308.216	316.899	326.307	334.572	342.721	344.813	346.255	334.432	306.442
-90.0	2.011	10.286	20.630	33.040	45.449	59.924	51.418	32.451	11.371	0.796

Vert. Angles **Horizontal Angles**

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0.168	0.165	0.071	0.057	0.050
85.0	159.119	51.468	30.928	0.315	0.051
75.0	1059.212	659.494	291.261	10.985	0.052
65.0	2858.256	*1173.710	540.679	42.926	0.053
55.0	7974.403	*1991.286	*716.323	100.144	0.054
47.5	10715.236	2925.829	*847.146	136.990	0.054
42.5	11136.874	3438.873	*942.591	158.219	0.055
37.5	10887.962	3906.252	*1040.776	179.293	0.055
33.0	10467.741	4395.685	*1125.778	195.795	0.055
29.0	10101.388	4937.043	*1195.482	211.310	0.056
25.5	9817.196	*5286.898	*1261.843	222.950	0.056
22.5	9611.500	*5503.706	*1310.977	231.455	0.056
19.5	9314.803	*5593.237	*1355.974	238.574	0.056
17.0	9057.088	*5622.992	*1390.402	243.434	0.056
15.0	8844.108	*5608.759	*1413.519	246.613	0.056
13.0	8631.732	*5560.808	*1432.711	249.155	0.056
11.0	8407.323	*5489.964	*1447.997	260.716	0.056
9.0	8182.447	*5397.906	*1459.403	258.795	0.056

IES FLOOD REPORT
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CANDELA TABULATION - (Cont.)

7.0	7954.074	*5286.402	*1466.960	256.863	0.056
5.0	7721.217	*5157.350	*1482.153	254.922	0.056
3.0	7491.032	*5025.460	*1474.798	252.976	0.057
1.0	7238.938	*4855.823	*1467.428	250.050	0.057
0.0	7112.740	*4770.930	*1463.740	250.050	0.057
-1.0	6950.937	*4687.964	*1456.762	251.030	0.057
-3.0	6627.719	*4522.179	*1442.817	252.987	0.057
-5.0	6280.988	*4327.109	*1428.902	254.941	0.057
-7.0	5937.652	*4136.247	*1394.684	256.889	0.056
-9.0	5589.749	*3939.880	*1368.462	258.829	0.056
-11.0	5238.283	*3739.401	*1339.865	260.758	0.056
-13.0	4887.645	*3536.162	*1309.166	248.997	0.056
-15.0	4526.198	*3331.480	*1276.635	246.353	0.056
-17.0	4168.061	*3124.838	*1242.535	243.039	0.056
-19.5	3721.354	*2867.771	*1198.092	237.960	0.056
-22.5	3191.351	*2570.271	*1144.745	230.493	0.056
-25.5	2993.108	*2277.165	*1091.382	221.540	0.056
-29.0	2766.726	*1965.359	*1027.895	209.236	0.056
-33.0	2515.466	*1654.794	*963.892	192.765	0.056
-37.5	2258.059	*1457.374	893.039	175.072	0.055
-42.5	2007.375	*1341.323	816.331	151.294	0.055
-47.5	1789.802	*1229.467	741.498	127.044	0.055
-55.0	1514.007	1067.616	645.708	86.844	0.054
-65.0	1161.914	837.077	517.848	34.285	0.053
-75.0	741.750	559.482	266.326	9.025	0.052
-85.0	232.045	113.716	24.949	0.658	0.051
-90.0	0.710	0.534	0.366	0.154	0.050

IES FLOOD REPORT
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LUMEN TABULATION

Average Of Right And Left Sides
 Total Luminaire Lumens (one side of beam only) = 16400.4
 Total Field Lumens (one side of beam only) = 15726.22
 * Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	0.29	0.59	0.60	0.61	0.62	0.62	0.61	0.60	0.59	0.74
75	3.22	6.46	6.50	6.50	6.48	6.46	6.39	6.30	6.25	7.75
65	11.88 *	24.01 *	24.21 *	24.26 *	24.24 *	24.13 *	23.91 *	23.98 *	24.50 *	31.39 *
55	26.65 *	53.68 *	53.97 *	54.05 *	54.02 *	53.84 *	53.57 *	53.74 *	54.42 *	68.97 *
47.5	27.14 *	54.42 *	54.51 *	54.51 *	54.43 *	54.25 *	54.08 *	54.03 *	54.04 *	67.52 *
42.5	18.80 *	37.63 *	37.63 *	37.59 *	37.51 *	37.38 *	37.21 *	37.04 *	36.87 *	45.84 *
37.5	18.57 *	37.13 *	37.08 *	37.01 *	36.91 *	36.75 *	36.50 *	36.23 *	35.97 *	44.62 *
33	16.17 *	32.30 *	32.23 *	32.14 *	32.03 *	31.84 *	31.57 *	31.29 *	31.02 *	38.34 *
29	13.81 *	27.57 *	27.49 *	27.42 *	27.28 *	27.07 *	26.83 *	26.58 *	26.31 *	32.40 *
25.5	11.62 *	23.20 *	23.13 *	23.06 *	22.93 *	22.73 *	22.52 *	22.31 *	22.05 *	27.12 *
22.5	9.62 *	19.21 *	19.15 *	19.08 *	18.96 *	18.80 *	18.64 *	18.45 *	18.23 *	22.43 *
19.5	9.32 *	18.60 *	18.56 *	18.48 *	18.36 *	18.22 *	18.07 *	17.88 *	17.67 *	21.77 *
17	7.55 *	15.06 *	15.03 *	14.97 *	14.87 *	14.77 *	14.64 *	14.49 *	14.34 *	17.69 *
15	5.90 *	11.77 *	11.75 *	11.70 *	11.63 *	11.55 *	11.46 *	11.35 *	11.24 *	13.89 *
13	5.77 *	11.53 *	11.51 *	11.46 *	11.40 *	11.33 *	11.24 *	11.15 *	11.05 *	13.66 *
11	5.65 *	11.30 *	11.27 *	11.23 *	11.18 *	11.11 *	11.03 *	10.95 *	10.86 *	13.45 *
9	5.53 *	11.06 *	11.04 *	11.00 *	10.96 *	10.90 *	10.83 *	10.76 *	10.68 *	13.24 *
7	5.42 *	10.82 *	10.81 *	10.78 *	10.74 *	10.69 *	10.64 *	10.57 *	10.50 *	13.03 *
5	5.30 *	10.60 *	10.59 *	10.56 *	10.53 *	10.49 *	10.44 *	10.39 *	10.33 *	12.82 *
3	5.19 *	10.38 *	10.37 *	10.35 *	10.33 *	10.29 *	10.25 *	10.20 *	10.15 *	12.60 *
1	5.09 *	10.18 *	10.17 *	10.15 *	10.12 *	10.09 *	10.06 *	10.01 *	9.96 *	12.38 *
0	2.51 *	5.01 *	5.01 *	5.00 *	4.99 *	4.97 *	4.96 *	4.94 *	4.92 *	6.11 *
-1	2.48 *	4.97 *	4.96 *	4.95 *	4.94 *	4.93 *	4.91 *	4.89 *	4.87 *	6.05 *
-1	4.90 *	9.80 *	9.79 *	9.78 *	9.76 *	9.73 *	9.69 *	9.65 *	9.59 *	11.91 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

-3	4.82 *	9.63 *	9.62 *	9.60 *	9.58 *	9.54 *	9.50 *	9.45 *	9.39 *	11.64 *
-5	4.72 *	9.44 *	9.43 *	9.41 *	9.38 *	9.34 *	9.29 *	9.23 *	9.16 *	11.34 *
-7	4.61 *	9.23 *	9.21 *	9.18 *	9.14 *	9.10 *	9.04 *	8.97 *	8.89 *	10.98 *
-9	4.49 *	8.97 *	8.95 *	8.93 *	8.88 *	8.82 *	8.76 *	8.68 *	8.59 *	10.59 *
-11	4.35 *	8.69 *	8.67 *	8.64 *	8.59 *	8.52 *	8.44 *	8.36 *	8.26 *	10.16 *
-13	4.19 *	8.38 *	8.36 *	8.32 *	8.27 *	8.20 *	8.11 *	8.01 *	7.91 *	9.71 *
-15	4.02 *	8.04 *	8.01 *	7.97 *	7.92 *	7.84 *	7.76 *	7.65 *	7.52 *	9.22 *
-17	4.77 *	9.53 *	9.49 *	9.44 *	9.37 *	9.27 *	9.16 *	9.03 *	8.86 *	10.83 *
-19.5	5.34 *	10.68 *	10.63 *	10.56 *	10.49 *	10.36 *	10.22 *	10.07 *	9.89 *	12.05 *
-22.5	4.97 *	9.93 *	9.89 *	9.82 *	9.75 *	9.64 *	9.49 *	9.33 *	9.18 *	11.19 *
-25.5	5.47 *	10.92 *	10.87 *	10.79 *	10.70 *	10.58 *	10.41 *	10.22 *	10.04 *	12.24 *
-29	5.91 *	11.81 *	11.76 *	11.67 *	11.56 *	11.42 *	11.24 *	11.03 *	10.80 *	13.15 *
-33	6.18 *	12.34 *	12.29 *	12.20 *	12.08 *	11.93 *	11.74 *	11.53 *	11.29 *	13.74 *
-37.5	6.14 *	12.28 *	12.24 *	12.16 *	12.04 *	11.88 *	11.72 *	11.53 *	11.29 *	13.75 *
-42.5	5.33 *	10.67 *	10.64 *	10.57 *	10.48 *	10.35 *	10.22 *	10.06 *	9.88 *	12.05 *
-47.5	6.63 *	13.27 *	13.24 *	13.16 *	13.06 *	12.91 *	12.75 *	12.57 *	12.36 *	15.11 *
-55	6.82 *	13.65 *	13.61 *	13.52 *	13.42 *	13.28 *	13.12 *	12.93 *	12.73 *	15.57 *
-65	4.51	9.03	9.01	8.95	8.88	8.79	8.69	8.57	8.44	10.36
-75	2.06	4.12	4.13	4.12	4.09	4.06	4.01	3.96	3.92	4.87
-85	0.23	0.46	0.46	0.46	0.46	0.46	0.46	0.45	0.45	0.58
-90										
Total	323.97	648.34	647.85	646.15	643.35	639.24	634.15	629.40	625.29	774.84

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.88	0.86	0.97	1.05	1.12	1.16	0.99	0.93	0.46	0.11
85	9.12	8.85	9.86	11.02	12.19	12.31	10.17	10.71	7.53	2.62
75	38.45 *	38.81 *	45.48 *	53.03 *	59.65 *	60.49 *	45.27 *	38.43 *	21.80	6.83
65	83.77 *	84.30 *	98.99 *	114.80 *	130.15 *	137.00 *	112.08 *	105.16 *	53.40 *	11.40
55	80.88 *	80.33 *	92.82 *	105.57 *	118.69 *	126.71 *	112.73 *	123.40 *	68.35 *	12.54 *

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

47.5	54.56 *	53.63 *	61.11 *	68.41 *	75.09 *	79.02 *	72.74 *	88.33 *	54.71 *	10.54 *
42.5	52.73 *	51.42 *	58.28 *	64.62 *	69.62 *	72.50 *	67.34 *	85.37 *	56.89 *	12.07 *
37.5	45.05 *	43.81 *	49.56 *	54.52 *	58.20 *	60.34 *	56.09 *	72.74 *	51.61 *	12.20 *
33	38.00 *	36.98 *	41.81 *	45.87 *	48.79 *	50.58 *	47.11 *	61.64 *	46.20 *	12.11 *
29	31.83 *	31.01 *	35.09 *	38.48 *	40.93 *	42.64 *	39.83 *	52.07 *	40.72 *	11.57 *
25.5	26.37 *	25.74 *	29.16 *	31.98 *	34.14 *	35.79 *	33.42 *	43.52 *	34.98 *	10.48 *
22.5	25.64 *	25.08 *	28.43 *	31.26 *	33.59 *	35.33 *	32.91 *	42.60 *	34.79 *	10.83 *
19.5	20.87 *	20.44 *	23.22 *	25.66 *	27.68 *	29.14 *	27.11 *	34.80 *	28.63 *	9.18 *
17	16.40 *	16.08 *	18.32 *	20.31 *	21.96 *	23.13 *	21.43 *	27.28 *	22.59 *	7.40 *
15	16.16 *	15.87 *	18.12 *	20.12 *	21.79 *	22.92 *	21.09 *	26.69 *	22.25 *	7.40 *
13	15.92 *	15.67 *	17.92 *	19.94 *	21.60 *	22.62 *	20.68 *	26.09 *	21.86 *	7.37 *
11	15.70 *	15.47 *	17.72 *	19.73 *	21.32 *	22.23 *	20.26 *	25.49 *	21.42 *	7.31 *
9	15.47 *	15.27 *	17.50 *	19.45 *	20.96 *	21.81 *	19.84 *	24.88 *	20.95 *	7.23 *
7	15.24 *	15.04 *	17.22 *	19.12 *	20.60 *	21.41 *	19.43 *	24.28 *	20.44 *	7.13 *
5	14.98 *	14.78 *	16.93 *	18.80 *	20.24 *	21.01 *	19.03 *	23.67 *	19.91 *	7.00 *
3	14.72 *	14.53 *	16.64 *	18.48 *	19.89 *	20.62 *	18.62 *	23.05 *	19.34 *	6.85 *
1	7.26 *	7.17 *	8.22 *	9.12 *	9.81 *	10.16 *	9.15 *	11.28 *	9.44 *	3.36 *
0	7.19 *	7.10 *	8.12 *	9.01 *	9.67 *	10.00 *	8.99 *	11.07 *	9.26 *	3.31 *
-1	14.13 *	13.91 *	15.87 *	17.54 *	18.76 *	19.32 *	17.33 *	21.34 *	17.93 *	6.48 *
-3	13.79 *	13.53 *	15.37 *	16.90 *	17.97 *	18.40 *	16.45 *	20.25 *	17.11 *	6.26 *
-5	13.41 *	13.12 *	14.86 *	16.24 *	17.16 *	17.47 *	15.55 *	19.13 *	16.25 *	6.03 *
-7	12.96 *	12.66 *	14.29 *	15.55 *	16.32 *	16.51 *	14.63 *	18.00 *	15.39 *	5.78 *
-9	12.45 *	12.14 *	13.67 *	14.82 *	15.45 *	15.51 *	13.69 *	16.85 *	14.51 *	5.54 *
-11	11.91 *	11.57 *	12.99 *	14.04 *	14.57 *	14.52 *	12.73 *	15.69 *	13.63 *	5.29 *
-13	11.34 *	10.96 *	12.27 *	13.25 *	13.74 *	13.59 *	11.78 *	14.50 *	12.73 *	5.03 *
-15	10.77 *	10.37 *	11.53 *	12.43 *	12.92 *	12.77 *	10.89 *	13.30 *	11.83 *	4.77 *
-17	12.64 *	12.16 *	13.44 *	14.39 *	14.99 *	14.90 *	12.68 *	15.21 *	13.52 *	5.59 *
-19.5	14.00 *	13.48 *	14.91 *	15.80 *	16.31 *	16.37 *	14.11 *	16.51 *	14.40 *	6.18 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : SALSR25LED250DMV40-NVLAP-IES.IES

LUMENS TABULATION - (Cont.)

-22.5	12.91 *	12.38 *	13.79 *	14.57 *	14.76 *	14.78 *	12.95 *	15.02 *	12.82 *	5.62 *
-25.5	14.11 *	13.45 *	14.94 *	15.85 *	15.89 *	15.62 *	13.74 *	16.18 *	13.53 *	5.87 *
-29	15.18 *	14.43 *	15.91 *	16.83 *	16.91 *	16.33 *	14.14 *	16.82 *	13.73 *	5.90
-33	15.86 *	15.09 *	16.58 *	17.48 *	17.61 *	16.87 *	14.33 *	16.96 *	13.66 *	5.86
-37.5	15.90 *	15.16 *	16.67 *	17.61 *	17.77 *	17.10 *	14.37 *	16.80 *	13.59 *	5.90
-42.5	13.96 *	13.35 *	14.71 *	15.59 *	15.82 *	15.31 *	12.90 *	15.01 *	12.24 *	5.40
-47.5	17.54 *	16.82 *	18.62 *	19.81 *	20.23 *	19.73 *	16.76 *	19.58 *	16.15	7.24
-55	18.12 *	17.43 *	19.35 *	20.66 *	21.20 *	20.86 *	17.86 *	21.00	17.59	8.00
-65	12.10	11.68	13.03	14.00	14.48	14.35	12.37	14.74	12.61	5.54
-75	5.76	5.64	6.39	6.98	7.34	7.33	6.32	7.55	6.35	2.47
-85	0.72	0.73	0.87	0.98	1.04	1.04	0.88	0.98	0.72	0.23
-90										
Total	916.72	898.30	1021.54	1131.68	1218.89	1257.58	1112.76	1314.93	967.83	301.84

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90				
	0.02	0.00		14.41
85				
	0.39	0.00		157.06
75				
	1.12	0.01		645.88
65				
	1.83	0.02		1459.82
55				
	1.76	0.03		1452.75
47.5				
	1.36	0.02		983.01
42.5				
	1.51	0.03		949.15
37.5				
	1.49	0.03		814.57
33				
	1.43	0.03		693.31
29				
	1.33	0.02		586.20
25.5				
	1.19	0.02		489.38
22.5				
	1.24	0.02		478.65
19.5				
	1.07	0.02		391.22
17				
	0.87	0.02		308.02

IES FLOOD REPORT
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LUMENS TABULATION - (Cont.)

15	0.88	0.02	303.41
13	0.90	0.02	298.61
11	0.91	0.02	293.57
9	0.91	0.02	288.30
7	0.92	0.02	282.88
5	0.92	0.02	277.40
3	0.92	0.02	271.87
1	0.46	0.01	133.85
0	0.46	0.01	132.14
-1	0.91	0.02	258.13
-3	0.90	0.02	249.73
-5	0.89	0.02	240.86
-7	0.87	0.02	231.35
-9	0.86	0.02	221.15
-11	0.84	0.02	210.47
-13	0.82	0.02	199.49
-15	0.80	0.02	188.36
-17	0.97	0.02	220.26
-19.5	1.12	0.02	243.48
-22.5	1.07	0.02	223.90
-25.5	1.18	0.02	242.62
-29	1.26	0.03	257.84
-33	1.31	0.03	266.97
-37.5	1.33	0.03	267.26
-42.5	1.20	0.02	235.77
-47.5	1.58	0.03	299.15
-55	1.69	0.02	312.43
-65	1.05	0.01	211.21

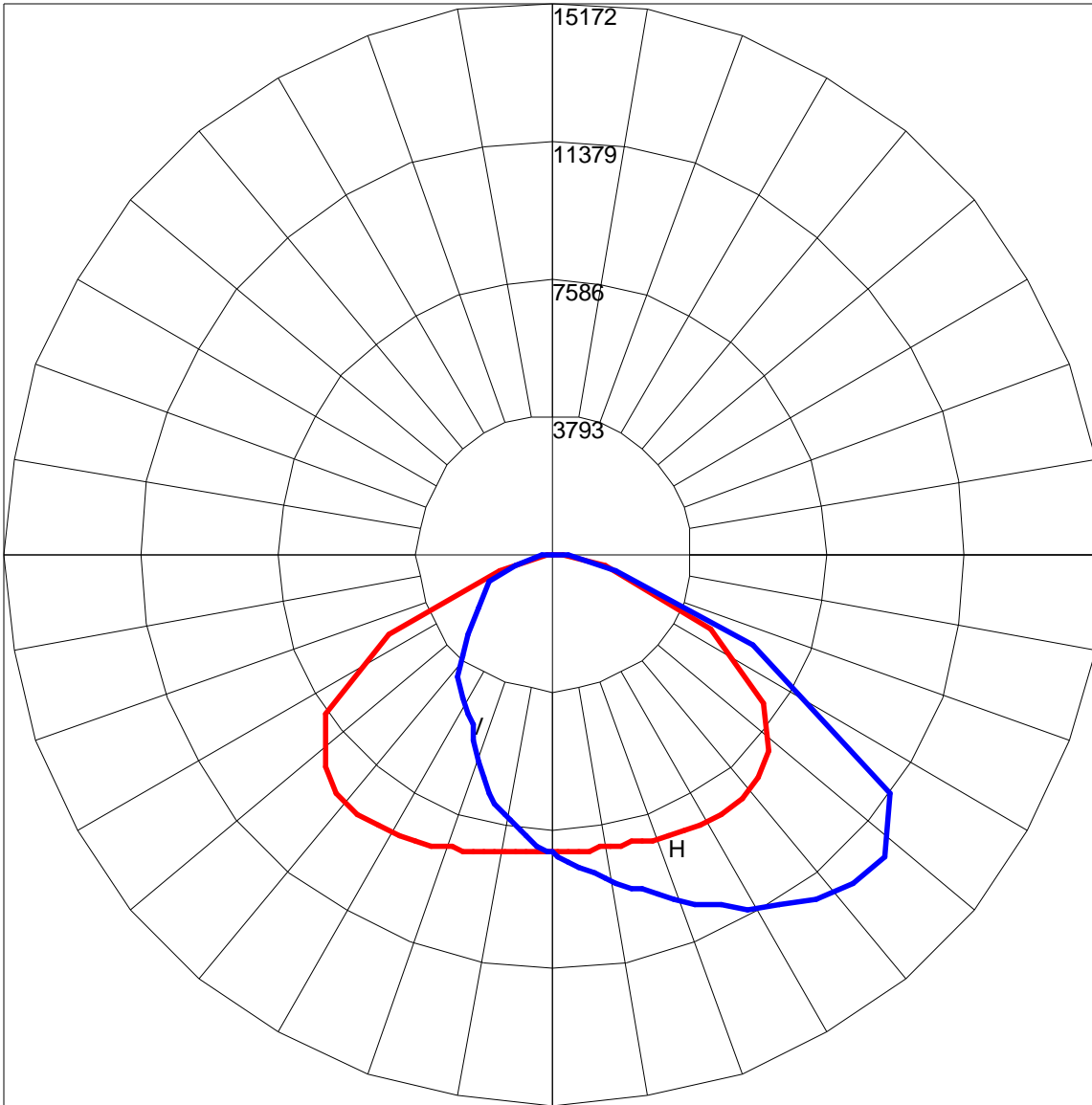
IES FLOOD REPORT

PHOTOMETRIC FILENAME : SALSR25LED250DMV40-NVLAP-IES.IES

LUMENS TABULATION - (Cont.)

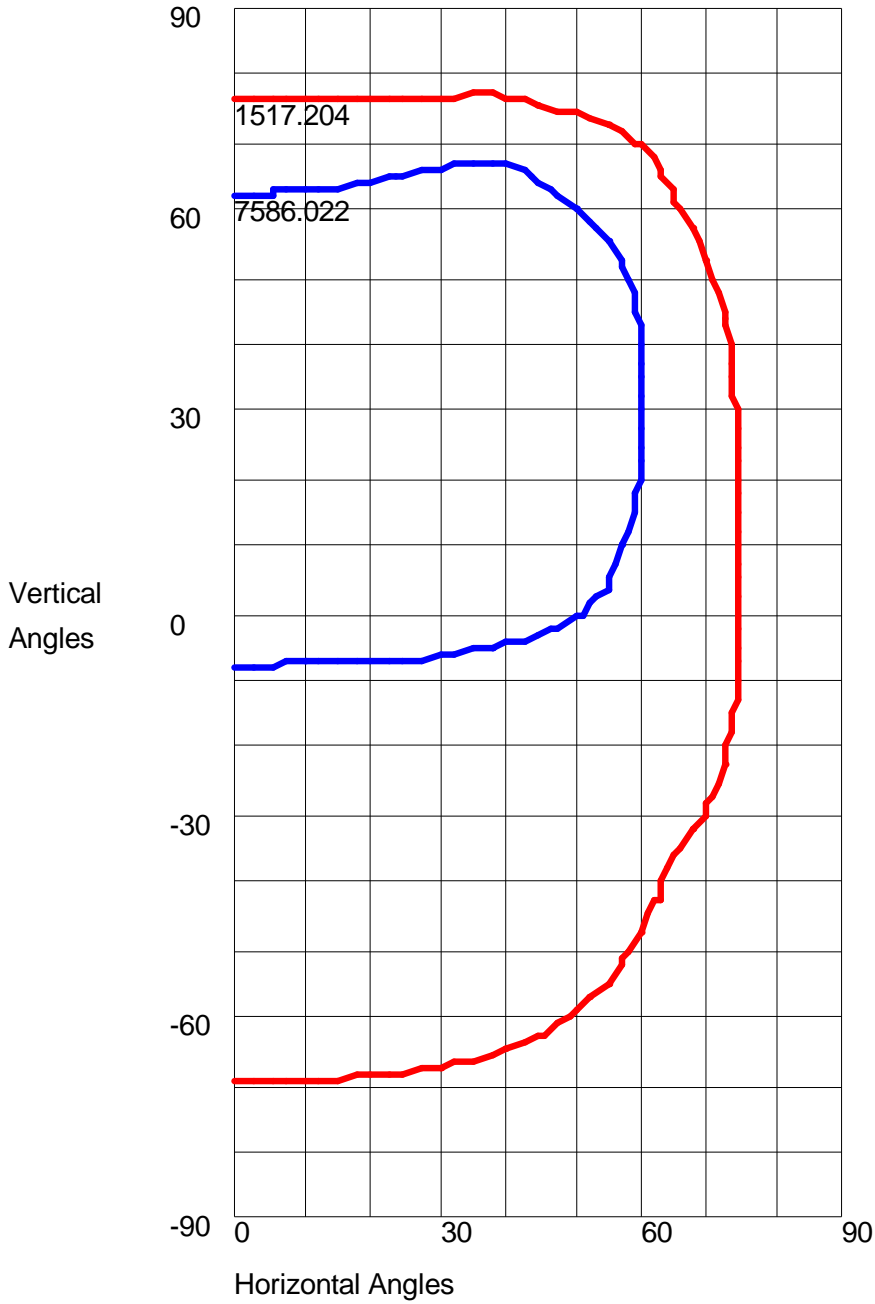
-75	0.38	0.00	101.86
-85	0.04	0.00	12.70
-90			
Total	44.99	0.77	16400.42

AXIAL CANDELA DISPLAY



Maximum Candela = 15172.045 Located At Horizontal Angle = -37.5, Vertical Angle = 55
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 15172.045 Located At Horizontal Angle = -37.5, Vertical Angle = 55
50% Maximum Candela = 7586.0225
10% Maximum Candela = 1517.2045