



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510720.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L052510720

[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)

[ISSUE DATE] 6/5/2025

[MANUFAC] Vista Professional Outdoor Lighting

[LUMCAT] 1051-WG-RGBW-(W)

[LUMINAIRE] 1051 Wall Grazer White Output

[BALLASTCAT] ELDOLED PW50U-M4Z0X1

[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.

[MORE] Base file 80239581-44

[INPUT] 120VAC

[TEST PROCEDURE] IESNA:LM-79-19

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

CHARACTERISTICS

NEMA Type	7 H x 4 V
Maximum Candela	3501
Maximum Candela Angle	-3H 7V
Horizontal Beam Angle (50%)	101.2
Vertical Beam Angle (50%)	20.6
Horizontal Field Angle (10%)	137.3
Vertical Field Angle (10%)	56.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1057
Beam Efficiency	N.A.
Field Lumens	2383
Field Efficiency	N.A.
Spill Lumens	163
Luminaire Lumens	2546
Total Efficiency	N.A.
Total Luminaire Watts	34
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	3	85	0
75	56	75	5
65	437	65	17
55	981	55	34
47.5	1299	47.5	49
42.5	1480	42.5	63
37.5	1642	37.5	89
33	1781	33	146
29	1886	29	717
25.5	1965	25.5	1111
22.5	2029	22.5	1251
19.5	2092	19.5	1495
17	2137	17	1768
15	2163	15	2041
13	2187	13	2346
11	2206	11	2730
9	2222	9	3158
7	2237	7	3462
5	2247	5	3338
3	2251	3	2880
1	2246	1	2452
0	2242	0	2242
-1	2246	-1	2079
-3	2251	-3	1788
-5	2247	-5	1601
-7	2237	-7	1477
-9	2222	-9	1382
-11	2206	-11	1305
-13	2187	-13	1242
-15	2163	-15	1191
-17	2137	-17	1159
-19.5	2092	-19.5	1097
-22.5	2029	-22.5	744
-25.5	1965	-25.5	203
-29	1886	-29	96
-33	1781	-33	81
-37.5	1642	-37.5	72
-42.5	1480	-42.5	59
-47.5	1299	-47.5	41
-55	981	-55	21
-65	437	-65	11
-75	56	-75	4
-85	3	-85	0
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 3501

Beam Edge = 1750.5 Cd (50% of Max.)

Field Edge = 350.1 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	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	0	1	2	2	2	3	3	4	4
65.0	0	0	2	4	7	9	10	12	13	14
55.0	0	0	3	8	14	19	22	25	28	29
47.5	0	1	5	14	22	30	34	38	41	43
42.5	0	1	7	20	31	40	44	50	53	56
37.5	0	2	12	32	62	62	66	71	74	78
33.0	0	2	18	78	164	187	158	145	128	146
29.0	0	2	26	142	340	434 *	494 *	539 *	597 *	649 *
25.5	0	2	34	203	493 *	661 *	776 *	852 *	909 *	954 *
22.5	0	2	40	253	612 *	805 *	905 *	983 *	1047 *	1091 *
19.5	0	2	47	320	709 *	930 *	1035 *	1150 *	1234 *	1287 *
17.0	0	3	49	381 *	799 *	1046 *	1201 *	1325 *	1428 *	1505 *
15.0	0	3	51	433 *	875 *	1213 *	1345 *	1501 *	1621 *	1704 *
13.0	0	3	52	486 *	1022 *	1389 *	1559 *	1710 *	1849 *	1953 *
11.0	0	3	53	539 *	1187 *	1564 *	1822 *	1977 *	2149 *	2252 *
9.0	0	3	54	533 *	1353 *	1755 *	2067 *	2307 *	2458 *	2639 *
7.0	0	3	55	518 *	1491 *	1931 *	2164 *	2487 *	2745 *	2852 *
5.0	0	3	56	498 *	1352 *	1994 *	2244 *	2418 *	2636 *	2839 *
3.0	0	3	56	478 *	1211 *	1725 *	1993 *	2209 *	2386 *	2504 *
1.0	0	3	56	451 *	1058 *	1441 *	1651 *	1832 *	1983 *	2095 *
0.0	0	3	56	437 *	981 *	1299 *	1480 *	1642 *	1781 *	1886 *
-1.0	0	3	54	423 *	940 *	1237 *	1403 *	1551 *	1676 *	1770 *
-3.0	0	3	51	394 *	859 *	1112 *	1248 *	1365 *	1464 *	1547 *
-5.0	0	3	48	361 *	772 *	980 *	1105 *	1234 *	1336 *	1404 *
-7.0	0	3	44	329	687 *	913 *	1039 *	1144 *	1229 *	1294 *
-9.0	0	3	41	296	656 *	864 *	971 *	1072 *	1152 *	1204 *
-11.0	0	3	37	266	629 *	815 *	922 *	1013 *	1086 *	1133 *
-13.0	0	2	34	249	602 *	782 *	876 *	962 *	1030 *	1076 *
-15.0	0	2	30	230	571 *	749 *	837 *	919 *	987 *	1025 *
-17.0	0	2	26	208	525 *	716 *	807 *	881 *	954 *	996 *
-19.5	0	2	22	177	453 *	609 *	762 *	820 *	880 *	934 *
-22.5	0	2	19	133	341	414 *	473 *	570 *	617 *	632 *
-25.5	0	2	16	87	196	200	163	201	226	222
-29.0	0	2	13	52	82	83	77	81	82	86
-33.0	0	1	9	28	39	52	59	64	68	72
-37.5	0	1	7	19	33	45	51	56	60	63
-42.5	0	1	5	14	27	36	41	45	49	51
-47.5	0	1	4	10	18	24	28	31	34	35
-55.0	0	0	2	5	9	12	14	15	18	18
-65.0	0	0	1	2	4	5	7	8	9	9
-75.0	0	0	0	1	1	1	1	2	2	2
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

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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	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	4	4	4	4	5	5	5	5	5	5
65.0	15	15	16	16	16	16	16	16	17	17
55.0	29	30	31	32	32	33	33	33	33	34
47.5	44	45	46	47	48	48	49	49	49	49
42.5	58	59	60	60	61	61	62	62	63	63
37.5	80	83	84	85	86	86	87	88	89	89
33.0	161	167	144	159	157	144	155	162	159	154
29.0	660 *	669 *	677 *	711 *	730 *	704 *	741 *	770 *	742 *	724 *
25.5	985 *	1014 *	1052 *	1066 *	1084 *	1087 *	1099 *	1109 *	1110 *	1110 *
22.5	1126 *	1158 *	1189 *	1209 *	1215 *	1230 *	1237 *	1247 *	1252 *	1254 *
19.5	1325 *	1367 *	1406 *	1433 *	1446 *	1455 *	1463 *	1481 *	1483 *	1484 *
17.0	1557 *	1602 *	1657 *	1689 *	1703 *	1724 *	1734 *	1748 *	1758 *	1760 *
15.0	1775 *	1832 *	1893 *	1935 *	1956 *	1977 *	1995 *	2005 *	2023 *	2031 *
13.0	2021 *	2095 *	2165 *	2211 *	2232 *	2260 *	2283 *	2301 *	2319 *	2338 *
11.0	2341 *	2409 *	2497 *	2548 *	2579 *	2616 *	2638 *	2663 *	2684 *	2705 *
9.0	2713 *	2814 *	2902 *	2971 *	3015 *	3044 *	3072 *	3103 *	3121 *	3158 *
7.0	3019 *	3110 *	3219 *	3286 *	3345 *	3387 *	3411 *	3416 *	3488 *	3423 *
5.0	2970 *	3038 *	3159 *	3219 *	3248 *	3281 *	3306 *	3321 *	3319 *	3333 *
3.0	2599 *	2686 *	2770 *	2832 *	2861 *	2886 *	2909 *	2917 *	2920 *	2915 *
1.0	2179 *	2250 *	2317 *	2370 *	2402 *	2425 *	2446 *	2463 *	2474 *	2478 *
0.0	1965 *	2029 *	2092 *	2137 *	2163 *	2187 *	2206 *	2222 *	2237 *	2247 *
-1.0	1839 *	1895 *	1950 *	1992 *	2017 *	2039 *	2058 *	2073 *	2084 *	2096 *
-3.0	1610 *	1661 *	1706 *	1738 *	1759 *	1777 *	1785 *	1791 *	1793 *	1798 *
-5.0	1445 *	1492 *	1531 *	1557 *	1574 *	1584 *	1594 *	1599 *	1606 *	1608 *
-7.0	1333 *	1370 *	1404 *	1428 *	1444 *	1454 *	1464 *	1471 *	1473 *	1476 *
-9.0	1244 *	1275 *	1306 *	1331 *	1343 *	1355 *	1364 *	1370 *	1372 *	1377 *
-11.0	1169 *	1200 *	1231 *	1255 *	1269 *	1280 *	1289 *	1291 *	1300 *	1300 *
-13.0	1109 *	1143 *	1173 *	1196 *	1210 *	1221 *	1227 *	1234 *	1240 *	1243 *
-15.0	1064 *	1094 *	1123 *	1144 *	1161 *	1167 *	1178 *	1183 *	1187 *	1193 *
-17.0	1027 *	1058 *	1089 *	1113 *	1124 *	1133 *	1142 *	1150 *	1151 *	1153 *
-19.5	978 *	1006 *	1036 *	1045 *	1065 *	1071 *	1094 *	1082 *	1089 *	1102 *
-22.5	648 *	669 *	692 *	720 *	705 *	727 *	739 *	709 *	730 *	754 *
-25.5	215	214	214	197	225	223	191	220	230	222
-29.0	88	91	94	93	95	95	95	96	97	97
-33.0	74	76	77	78	79	79	80	80	81	81
-37.5	65	67	68	69	70	70	71	71	72	72
-42.5	53	54	55	56	57	57	57	58	58	59
-47.5	37	37	38	39	40	39	39	40	40	40
-55.0	19	20	20	20	20	20	20	20	21	21
-65.0	10	10	10	10	10	10	11	11	11	11
-75.0	3	3	3	3	3	3	4	4	4	4
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	5	5	5	5	5	5	5	5	5	5
65.0	17	17	17	17	17	17	17	16	16	16

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CANDELA TABULATION - (Cont.)

55.0	34	34	34	34	34	34	33	33	33	33
47.5	49	49	49	49	49	49	49	49	49	48
42.5	63	63	63	63	63	63	63	62	62	61
37.5	89	89	89	89	89	89	89	88	87	86
33.0	151	148	146	148	151	154	159	162	155	144
29.0	727 *	725 *	717 *	725 *	727 *	724 *	742 *	770 *	741 *	704 *
25.5	1112 *	1113 *	1111 *	1113 *	1112 *	1110 *	1110 *	1109 *	1099 *	1087 *
22.5	1254 *	1254 *	1251 *	1254 *	1254 *	1254 *	1252 *	1247 *	1237 *	1230 *
19.5	1488 *	1493 *	1495 *	1493 *	1488 *	1484 *	1483 *	1481 *	1463 *	1455 *
17.0	1763 *	1768 *	1768 *	1768 *	1763 *	1760 *	1758 *	1748 *	1734 *	1724 *
15.0	2038 *	2043 *	2041 *	2043 *	2038 *	2031 *	2023 *	2005 *	1995 *	1977 *
13.0	2344 *	2340 *	2346 *	2340 *	2344 *	2338 *	2319 *	2301 *	2283 *	2260 *
11.0	2717 *	2732 *	2730 *	2732 *	2717 *	2705 *	2684 *	2663 *	2638 *	2616 *
9.0	3141 *	3149 *	3158 *	3149 *	3141 *	3158 *	3121 *	3103 *	3072 *	3044 *
7.0	3501 *	3443 *	3462 *	3443 *	3501 *	3423 *	3488 *	3416 *	3411 *	3387 *
5.0	3307 *	3306 *	3338 *	3306 *	3307 *	3333 *	3319 *	3321 *	3306 *	3281 *
3.0	2895 *	2881 *	2880 *	2881 *	2895 *	2915 *	2920 *	2917 *	2909 *	2886 *
1.0	2476 *	2447 *	2452 *	2447 *	2476 *	2478 *	2474 *	2463 *	2446 *	2425 *
0.0	2251 *	2246 *	2242 *	2246 *	2251 *	2247 *	2237 *	2222 *	2206 *	2187 *
-1.0	2089 *	2075 *	2079 *	2075 *	2089 *	2096 *	2084 *	2073 *	2058 *	2039 *
-3.0	1796 *	1795 *	1788 *	1795 *	1796 *	1798 *	1793 *	1791 *	1785 *	1777 *
-5.0	1609 *	1605 *	1601 *	1605 *	1609 *	1608 *	1606 *	1599 *	1594 *	1584 *
-7.0	1474 *	1476 *	1477 *	1476 *	1474 *	1476 *	1473 *	1471 *	1464 *	1454 *
-9.0	1381 *	1381 *	1382 *	1381 *	1381 *	1377 *	1372 *	1370 *	1364 *	1355 *
-11.0	1305 *	1305 *	1305 *	1305 *	1305 *	1300 *	1300 *	1291 *	1289 *	1280 *
-13.0	1243 *	1243 *	1242 *	1243 *	1243 *	1243 *	1240 *	1234 *	1227 *	1221 *
-15.0	1192 *	1193 *	1191 *	1193 *	1192 *	1193 *	1187 *	1183 *	1178 *	1167 *
-17.0	1157 *	1159 *	1159 *	1159 *	1157 *	1153 *	1151 *	1150 *	1142 *	1133 *
-19.5	1103 *	1099 *	1097 *	1099 *	1103 *	1102 *	1089 *	1082 *	1094 *	1071 *
-22.5	768 *	764 *	744 *	764 *	768 *	754 *	730 *	709 *	739 *	727 *
-25.5	211	205	203	205	211	222	230	220	191	223
-29.0	97	97	96	97	97	97	97	96	95	95
-33.0	81	81	81	81	81	81	81	80	80	79
-37.5	73	72	72	72	73	72	72	71	71	70
-42.5	59	59	59	59	59	59	58	58	57	57
-47.5	41	41	41	41	41	40	40	40	39	39
-55.0	21	21	21	21	21	21	21	20	20	20
-65.0	11	11	11	11	11	11	11	11	11	10
-75.0	4	4	4	4	4	4	4	4	4	3
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles **Horizontal Angles**

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	5	4	4	4	4	4	4	3	3	2
65.0	16	16	16	15	15	14	13	12	10	9
55.0	32	32	31	30	29	29	28	25	22	19
47.5	48	47	46	45	44	43	41	38	34	30
42.5	61	60	60	59	58	56	53	50	44	40
37.5	86	85	84	83	80	78	74	71	66	62
33.0	157	159	144	167	161	146	128	145	158	187
29.0	730 *	711 *	677 *	669 *	660 *	649 *	597 *	539 *	494 *	434 *
25.5	1084 *	1066 *	1052 *	1014 *	985 *	954 *	909 *	852 *	776 *	661 *

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CANDELA TABULATION - (Cont.)

22.5	1215 *	1209 *	1189 *	1158 *	1126 *	1091 *	1047 *	983 *	905 *	805 *
19.5	1446 *	1433 *	1406 *	1367 *	1325 *	1287 *	1234 *	1150 *	1035 *	930 *
17.0	1703 *	1689 *	1657 *	1602 *	1557 *	1505 *	1428 *	1325 *	1201 *	1046 *
15.0	1956 *	1935 *	1893 *	1832 *	1775 *	1704 *	1621 *	1501 *	1345 *	1213 *
13.0	2232 *	2211 *	2165 *	2095 *	2021 *	1953 *	1849 *	1710 *	1559 *	1389 *
11.0	2579 *	2548 *	2497 *	2409 *	2341 *	2252 *	2149 *	1977 *	1822 *	1564 *
9.0	3015 *	2971 *	2902 *	2814 *	2713 *	2639 *	2458 *	2307 *	2067 *	1755 *
7.0	3345 *	3286 *	3219 *	3110 *	3019 *	2852 *	2745 *	2487 *	2164 *	1931 *
5.0	3248 *	3219 *	3159 *	3038 *	2970 *	2839 *	2636 *	2418 *	2244 *	1994 *
3.0	2861 *	2832 *	2770 *	2686 *	2599 *	2504 *	2386 *	2209 *	1993 *	1725 *
1.0	2402 *	2370 *	2317 *	2250 *	2179 *	2095 *	1983 *	1832 *	1651 *	1441 *
0.0	2163 *	2137 *	2092 *	2029 *	1965 *	1886 *	1781 *	1642 *	1480 *	1299 *
-1.0	2017 *	1992 *	1950 *	1895 *	1839 *	1770 *	1676 *	1551 *	1403 *	1237 *
-3.0	1759 *	1738 *	1706 *	1661 *	1610 *	1547 *	1464 *	1365 *	1248 *	1112 *
-5.0	1574 *	1557 *	1531 *	1492 *	1445 *	1404 *	1336 *	1234 *	1105 *	980 *
-7.0	1444 *	1428 *	1404 *	1370 *	1333 *	1294 *	1229 *	1144 *	1039 *	913 *
-9.0	1343 *	1331 *	1306 *	1275 *	1244 *	1204 *	1152 *	1072 *	971 *	864 *
-11.0	1269 *	1255 *	1231 *	1200 *	1169 *	1133 *	1086 *	1013 *	922 *	815 *
-13.0	1210 *	1196 *	1173 *	1143 *	1109 *	1076 *	1030 *	962 *	876 *	782 *
-15.0	1161 *	1144 *	1123 *	1094 *	1064 *	1025 *	987 *	919 *	837 *	749 *
-17.0	1124 *	1113 *	1089 *	1058 *	1027 *	996 *	954 *	881 *	807 *	716 *
-19.5	1065 *	1045 *	1036 *	1006 *	978 *	934 *	880 *	820 *	762 *	609 *
-22.5	705 *	720 *	692 *	669 *	648 *	632 *	617 *	570 *	473 *	414 *
-25.5	225	197	214	214	215	222	226	201	163	200
-29.0	95	93	94	91	88	86	82	81	77	83
-33.0	79	78	77	76	74	72	68	64	59	52
-37.5	70	69	68	67	65	63	60	56	51	45
-42.5	57	56	55	54	53	51	49	45	41	36
-47.5	40	39	38	37	37	35	34	31	28	24
-55.0	20	20	20	20	19	18	18	15	14	12
-65.0	10	10	10	10	10	9	9	8	7	5
-75.0	3	3	3	3	3	2	2	2	1	1
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

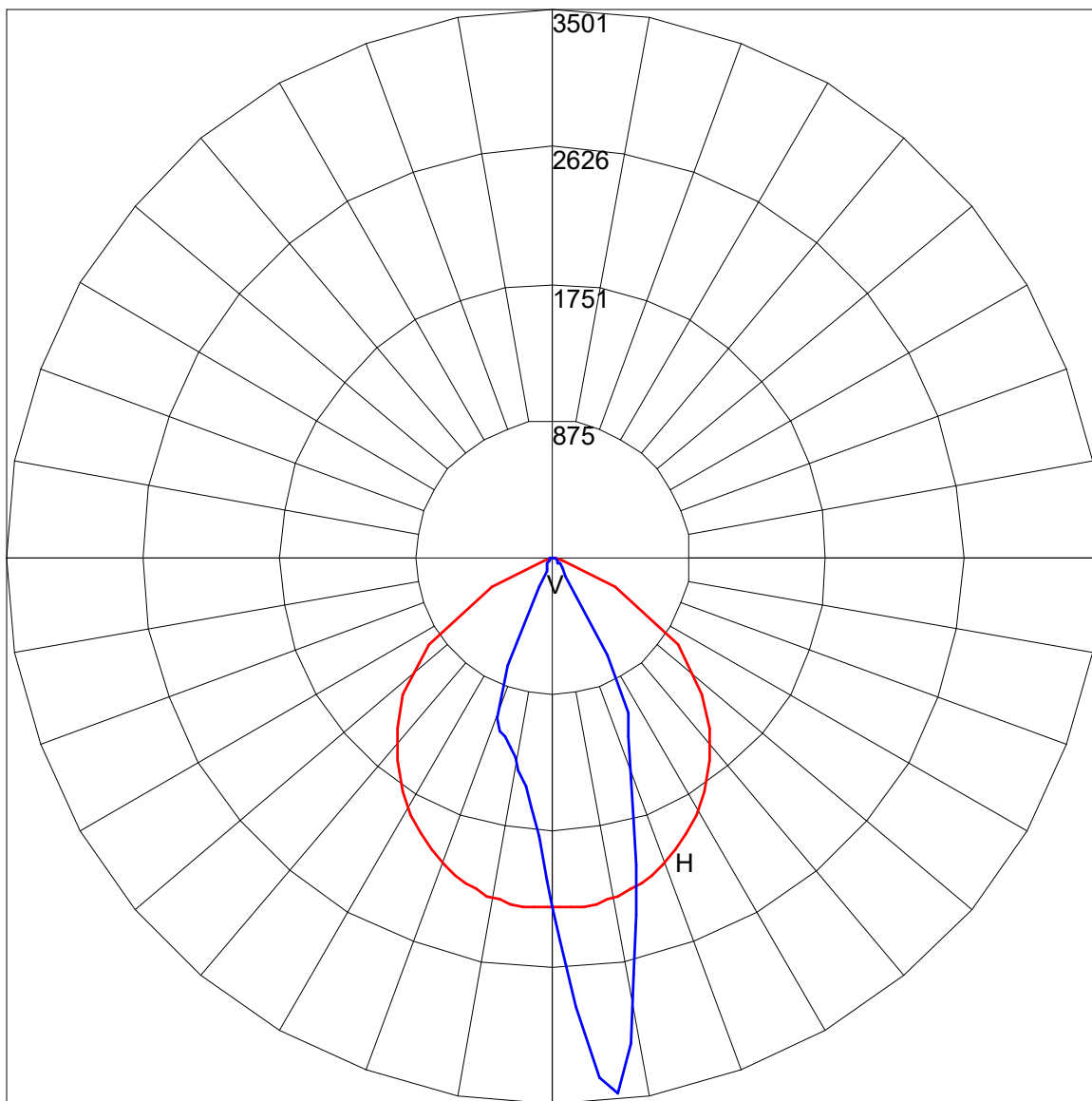
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	2	2	1	0	0
65.0	7	4	2	0	0
55.0	14	8	3	0	0
47.5	22	14	5	1	0
42.5	31	20	7	1	0
37.5	62	32	12	2	0
33.0	164	78	18	2	0
29.0	340	142	26	2	0
25.5	493 *	203	34	2	0
22.5	612 *	253	40	2	0
19.5	709 *	320	47	2	0
17.0	799 *	381 *	49	3	0
15.0	875 *	433 *	51	3	0
13.0	1022 *	486 *	52	3	0
11.0	1187 *	539 *	53	3	0
9.0	1353 *	533 *	54	3	0

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510720.IES

CANDELA TABULATION - (Cont.)

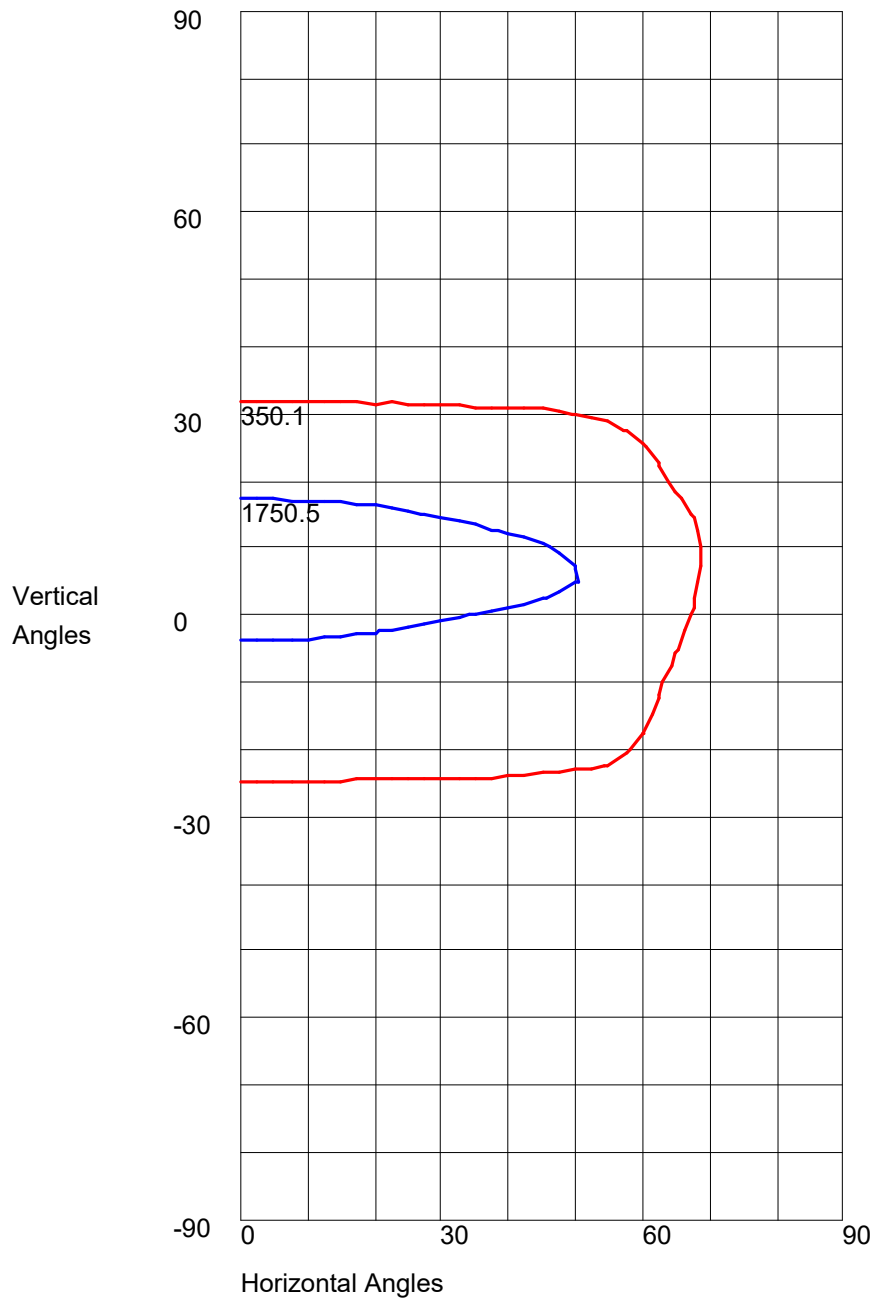
7.0	1491 *	518 *	55	3	0
5.0	1352 *	498 *	56	3	0
3.0	1211 *	478 *	56	3	0
1.0	1058 *	451 *	56	3	0
0.0	981 *	437 *	56	3	0
-1.0	940 *	423 *	54	3	0
-3.0	859 *	394 *	51	3	0
-5.0	772 *	361 *	48	3	0
-7.0	687 *	329	44	3	0
-9.0	656 *	296	41	3	0
-11.0	629 *	266	37	3	0
-13.0	602 *	249	34	2	0
-15.0	571 *	230	30	2	0
-17.0	525 *	208	26	2	0
-19.5	453 *	177	22	2	0
-22.5	341	133	19	2	0
-25.5	196	87	16	2	0
-29.0	82	52	13	2	0
-33.0	39	28	9	1	0
-37.5	33	19	7	1	0
-42.5	27	14	5	1	0
-47.5	18	10	4	1	0
-55.0	9	5	2	0	0
-65.0	4	2	1	0	0
-75.0	1	1	0	0	0
-85.0	0	0	0	0	0
-90.0	0	0	0	0	0

AXIAL CANDELA DISPLAY



Maximum Candela = 3501 Located At Horizontal Angle = -3, Vertical Angle = 7
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 3501 Located At Horizontal Angle = -3, Vertical Angle = 7
50% Maximum Candela = 1750.5
10% Maximum Candela = 350.1