



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510765.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L052510765
[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
[ISSUE DATE] 6/10/2025
[MANUFAC] Vista Professional Outdoor Lighting
[LUMCAT] 1054-WG-RGBW-(R)
[LUMINAIRE] 1054 Wall Grazer Red 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 80239581-41
[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	1184
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	102.2
Vertical Beam Angle (50%)	33.9
Horizontal Field Angle (10%)	148.2
Vertical Field Angle (10%)	58.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	574
Beam Efficiency	N.A.
Field Lumens	1017
Field Efficiency	N.A.
Spill Lumens	57
Luminaire Lumens	1073
Total Efficiency	N.A.
Total Luminaire Watts	30.62
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	2	85	0
75	108	75	0
65	276	65	4
55	434	55	10
47.5	542	47.5	16
42.5	614	42.5	24
37.5	676	37.5	36
33	730	33	113
29	777	29	420
25.5	815	25.5	534
22.5	842	22.5	624
19.5	865	19.5	740
17	882	17	823
15	896	15	876
13	907	13	926
11	918	11	966
9	927	9	1015
7	933	7	1086
5	938	5	1184
3	941	3	1091
1	940	1	990
0	938	0	938
-1	940	-1	896
-3	941	-3	816
-5	938	-5	744
-7	933	-7	682
-9	927	-9	624
-11	918	-11	575
-13	907	-13	536
-15	896	-15	506
-17	882	-17	485
-19.5	865	-19.5	466
-22.5	842	-22.5	390
-25.5	815	-25.5	127
-29	777	-29	43
-33	730	-33	34
-37.5	676	-37.5	28
-42.5	614	-42.5	22
-47.5	542	-47.5	14
-55	434	-55	4
-65	276	-65	0
-75	108	-75	0
-85	2	-85	0
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 1184

Beam Edge = 592 Cd (50% of Max.)

Field Edge = 118.4 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	0	0	0	0	0	0	0	0
65.0	0	0	0	0	0	1	2	2	3	3
55.0	0	0	0	1	3	5	6	8	8	8
47.5	0	1	0	5	9	10	12	12	14	15
42.5	0	1	5	12	14	16	18	19	21	22
37.5	0	1	14	28	39	33	33	32	32	32
33.0	0	1	26	62	97	114	109	112	98	103
29.0	0	1	40	104	175 *	236 *	263 *	296 *	323 *	356 *
25.5	0	2	52	143 *	245 *	321 *	369 *	409 *	436 *	457 *
22.5	0	2	62	173 *	294 *	378 *	430 *	473 *	505 *	531 *
19.5	0	2	73	201 *	334 *	430 *	491 *	543 *	585 *	621 *
17.0	0	2	79	224 *	367 *	473 *	538 *	597 *	646 *	685 *
15.0	0	2	83	244 *	393 *	505 *	574 *	638 *	687 *	729 *
13.0	0	2	87	263 *	428 *	536 *	610 *	674 *	726 *	770 *
11.0	0	2	91	282 *	465 *	564 *	646 *	714 *	763 *	811 *
9.0	0	2	95	285 *	501 *	610 *	682 *	760 *	813 *	852 *
7.0	0	2	98	285 *	532 *	652 *	726 *	803 *	877 *	923 *
5.0	0	2	102	283 *	506 *	672 *	768 *	835 *	898 *	968 *
3.0	0	2	104	282 *	479 *	622 *	723 *	814 *	889 *	935 *
1.0	0	2	107	278 *	449 *	569 *	650 *	722 *	783 *	833 *
0.0	0	2	108	276 *	434 *	542 *	614 *	676 *	730 *	777 *
-1.0	0	2	105	266 *	417 *	520 *	589 *	648 *	699 *	744 *
-3.0	0	2	99	245 *	382 *	476 *	539 *	592 *	637 *	680 *
-5.0	0	2	92	223 *	345 *	429 *	491 *	547 *	592 *	631 *
-7.0	0	2	85	202 *	308 *	401 *	460 *	511 *	550 *	585 *
-9.0	0	2	77	180 *	292 *	378 *	429 *	477 *	511 *	541 *
-11.0	0	2	70	159 *	278 *	354 *	404 *	444 *	475 *	499 *
-13.0	0	1	63	151 *	263 *	336 *	380 *	416 *	444 *	467 *
-15.0	0	1	55	141 *	248 *	319 *	359 *	392 *	419 *	438 *
-17.0	0	1	48	131 *	234 *	303 *	342 *	373 *	398 *	420 *
-19.5	0	1	39	116	214 *	272 *	323 *	354 *	375 *	397 *
-22.5	0	1	30	93	179 *	210 *	225 *	269 *	303 *	313 *
-25.5	0	1	23	65	106	116	98	115	128 *	131 *
-29.0	0	1	15	37	44	42	39	40	36	35
-33.0	0	1	8	16	18	23	25	27	28	30
-37.5	0	0	4	7	14	18	21	23	24	25
-42.5	0	0	1	6	10	14	16	18	19	20
-47.5	0	0	0	3	6	8	9	11	12	12
-55.0	0	0	0	0	1	2	3	4	4	4
-65.0	0	0	0	0	0	0	0	0	0	0
-75.0	0	0	0	0	0	0	0	0	0	0
-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	0	0	0	0	0	0	0	0	0	0
65.0	3	2	3	3	3	3	4	4	4	4
55.0	9	10	10	9	9	9	9	10	10	10
47.5	15	16	16	16	17	17	17	17	17	18
42.5	23	23	24	23	23	23	24	25	25	25
37.5	33	33	34	34	34	36	36	36	35	35
33.0	113	116	109	113	116	107	114	120 *	118	111
29.0	369 *	370 *	391 *	388 *	410 *	404 *	408 *	425 *	430 *	425 *
25.5	476 *	488 *	497 *	503 *	512 *	519 *	523 *	529 *	531 *	535 *
22.5	554 *	569 *	581 *	589 *	597 *	607 *	612 *	618 *	621 *	624 *
19.5	648 *	666 *	682 *	694 *	705 *	715 *	724 *	727 *	733 *	737 *
17.0	716 *	738 *	756 *	770 *	783 *	792 *	802 *	809 *	813 *	818 *
15.0	761 *	785 *	804 *	823 *	832 *	843 *	854 *	863 *	866 *	872 *
13.0	804 *	829 *	850 *	867 *	883 *	892 *	903 *	910 *	916 *	920 *
11.0	845 *	871 *	890 *	907 *	920 *	936 *	943 *	951 *	957 *	961 *
9.0	892 *	913 *	934 *	950 *	960 *	974 *	988 *	989 *	1002 *	1001 *
7.0	955 *	987 *	1006 *	1025 *	1038 *	1052 *	1063 *	1074 *	1074 *	1088 *
5.0	1024 *	1042 *	1078 *	1099 *	1110 *	1130 *	1145 *	1153 *	1151 *	1157 *
3.0	970 *	1002 *	1032 *	1054 *	1064 *	1077 *	1089 *	1095 *	1099 *	1100 *
1.0	871 *	898 *	921 *	937 *	953 *	965 *	976 *	984 *	990 *	995 *
0.0	815 *	842 *	865 *	882 *	896 *	907 *	918 *	927 *	933 *	938 *
-1.0	780 *	806 *	828 *	844 *	856 *	867 *	878 *	888 *	896 *	901 *
-3.0	714 *	738 *	759 *	774 *	786 *	797 *	807 *	811 *	813 *	815 *
-5.0	659 *	680 *	697 *	710 *	720 *	729 *	735 *	739 *	743 *	745 *
-7.0	609 *	626 *	639 *	651 *	659 *	667 *	674 *	677 *	679 *	682 *
-9.0	560 *	574 *	586 *	595 *	603 *	609 *	614 *	618 *	622 *	622 *
-11.0	517 *	531 *	540 *	548 *	556 *	561 *	566 *	569 *	572 *	573 *
-13.0	482 *	496 *	504 *	512 *	518 *	523 *	528 *	531 *	532 *	535 *
-15.0	456 *	467 *	475 *	483 *	489 *	493 *	499 *	501 *	504 *	506 *
-17.0	435 *	445 *	456 *	463 *	468 *	473 *	477 *	480 *	482 *	483 *
-19.5	415 *	428 *	436 *	441 *	448 *	450 *	458 *	459 *	458 *	462 *
-22.5	321 *	330 *	344 *	357 *	360 *	355 *	381 *	364 *	359 *	371 *
-25.5	130 *	133 *	135 *	126 *	139 *	138 *	123 *	140 *	143 *	139 *
-29.0	35	39	41	40	40	41	39	38	41	43
-33.0	31	32	32	32	33	33	33	33	34	33
-37.5	26	27	27	28	28	29	28	29	29	29
-42.5	21	21	21	22	22	22	22	22	22	22
-47.5	13	14	14	13	13	13	14	14	13	14
-55.0	5	5	4	5	5	5	5	4	4	4
-65.0	0	0	0	0	0	0	0	0	0	0
-75.0	0	0	0	0	0	0	0	0	0	0
-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	0	0	0	0	0	0	0	0	0	0
65.0	4	4	4	4	4	4	4	4	4	3

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CANDELA TABULATION - (Cont.)

55.0	10	10	10	10	10	10	10	10	9	9
47.5	18	17	16	17	18	18	17	17	17	17
42.5	24	24	24	24	24	25	25	25	24	23
37.5	36	36	36	36	36	35	35	36	36	36
33.0	111	113	113	113	111	111	118	120 *	114	107
29.0	422 *	422 *	420 *	422 *	422 *	425 *	430 *	425 *	408 *	404 *
25.5	536 *	535 *	534 *	535 *	536 *	535 *	531 *	529 *	523 *	519 *
22.5	626 *	625 *	624 *	625 *	626 *	624 *	621 *	618 *	612 *	607 *
19.5	739 *	741 *	740 *	741 *	739 *	737 *	733 *	727 *	724 *	715 *
17.0	821 *	825 *	823 *	825 *	821 *	818 *	813 *	809 *	802 *	792 *
15.0	874 *	879 *	876 *	879 *	874 *	872 *	866 *	863 *	854 *	843 *
13.0	923 *	927 *	926 *	927 *	923 *	920 *	916 *	910 *	903 *	892 *
11.0	964 *	967 *	966 *	967 *	964 *	961 *	957 *	951 *	943 *	936 *
9.0	1010 *	1017 *	1015 *	1017 *	1010 *	1001 *	1002 *	989 *	988 *	974 *
7.0	1089 *	1087 *	1086 *	1087 *	1089 *	1088 *	1074 *	1074 *	1063 *	1052 *
5.0	1146 *	1177 *	1184 *	1177 *	1146 *	1157 *	1151 *	1153 *	1145 *	1130 *
3.0	1099 *	1088 *	1091 *	1088 *	1099 *	1100 *	1099 *	1095 *	1089 *	1077 *
1.0	994 *	989 *	990 *	989 *	994 *	995 *	990 *	984 *	976 *	965 *
0.0	941 *	940 *	938 *	940 *	941 *	938 *	933 *	927 *	918 *	907 *
-1.0	899 *	896 *	896 *	896 *	899 *	901 *	896 *	888 *	878 *	867 *
-3.0	817 *	815 *	816 *	815 *	817 *	815 *	813 *	811 *	807 *	797 *
-5.0	745 *	749 *	744 *	749 *	745 *	745 *	743 *	739 *	735 *	729 *
-7.0	681 *	684 *	682 *	684 *	681 *	682 *	679 *	677 *	674 *	667 *
-9.0	622 *	626 *	624 *	626 *	622 *	622 *	622 *	618 *	614 *	609 *
-11.0	575 *	576 *	575 *	576 *	575 *	573 *	572 *	569 *	566 *	561 *
-13.0	537 *	538 *	536 *	538 *	537 *	535 *	532 *	531 *	528 *	523 *
-15.0	507 *	508 *	506 *	508 *	507 *	506 *	504 *	501 *	499 *	493 *
-17.0	485 *	486 *	485 *	486 *	485 *	483 *	482 *	480 *	477 *	473 *
-19.5	466 *	467 *	466 *	467 *	466 *	462 *	458 *	459 *	458 *	450 *
-22.5	386 *	393 *	390 *	393 *	386 *	371 *	359 *	364 *	381 *	355 *
-25.5	133 *	129 *	127 *	129 *	133 *	139 *	143 *	140 *	123 *	138 *
-29.0	43	43	43	43	43	43	41	38	39	41
-33.0	34	34	34	34	34	33	34	33	33	33
-37.5	28	28	28	28	28	29	29	29	28	29
-42.5	22	22	22	22	22	22	22	22	22	22
-47.5	14	14	14	14	14	14	13	14	14	13
-55.0	4	4	4	4	4	4	4	4	5	5
-65.0	0	0	0	0	0	0	0	0	0	0
-75.0	0	0	0	0	0	0	0	0	0	0
-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	0	0	0	0	0	0	0	0	0	0
65.0	3	3	3	2	3	3	3	2	2	1
55.0	9	9	10	10	9	8	8	8	6	5
47.5	17	16	16	16	15	15	14	12	12	10
42.5	23	23	24	23	23	22	21	19	18	16
37.5	34	34	34	33	33	32	32	32	33	33
33.0	116	113	109	116	113	103	98	112	109	114
29.0	410 *	388 *	391 *	370 *	369 *	356 *	323 *	296 *	263 *	236 *
25.5	512 *	503 *	497 *	488 *	476 *	457 *	436 *	409 *	369 *	321 *

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CANDELA TABULATION - (Cont.)

22.5	597 *	589 *	581 *	569 *	554 *	531 *	505 *	473 *	430 *	378 *
19.5	705 *	694 *	682 *	666 *	648 *	621 *	585 *	543 *	491 *	430 *
17.0	783 *	770 *	756 *	738 *	716 *	685 *	646 *	597 *	538 *	473 *
15.0	832 *	823 *	804 *	785 *	761 *	729 *	687 *	638 *	574 *	505 *
13.0	883 *	867 *	850 *	829 *	804 *	770 *	726 *	674 *	610 *	536 *
11.0	920 *	907 *	890 *	871 *	845 *	811 *	763 *	714 *	646 *	564 *
9.0	960 *	950 *	934 *	913 *	892 *	852 *	813 *	760 *	682 *	610 *
7.0	1038 *	1025 *	1006 *	987 *	955 *	923 *	877 *	803 *	726 *	652 *
5.0	1110 *	1099 *	1078 *	1042 *	1024 *	968 *	898 *	835 *	768 *	672 *
3.0	1064 *	1054 *	1032 *	1002 *	970 *	935 *	889 *	814 *	723 *	622 *
1.0	953 *	937 *	921 *	898 *	871 *	833 *	783 *	722 *	650 *	569 *
0.0	896 *	882 *	865 *	842 *	815 *	777 *	730 *	676 *	614 *	542 *
-1.0	856 *	844 *	828 *	806 *	780 *	744 *	699 *	648 *	589 *	520 *
-3.0	786 *	774 *	759 *	738 *	714 *	680 *	637 *	592 *	539 *	476 *
-5.0	720 *	710 *	697 *	680 *	659 *	631 *	592 *	547 *	491 *	429 *
-7.0	659 *	651 *	639 *	626 *	609 *	585 *	550 *	511 *	460 *	401 *
-9.0	603 *	595 *	586 *	574 *	560 *	541 *	511 *	477 *	429 *	378 *
-11.0	556 *	548 *	540 *	531 *	517 *	499 *	475 *	444 *	404 *	354 *
-13.0	518 *	512 *	504 *	496 *	482 *	467 *	444 *	416 *	380 *	336 *
-15.0	489 *	483 *	475 *	467 *	456 *	438 *	419 *	392 *	359 *	319 *
-17.0	468 *	463 *	456 *	445 *	435 *	420 *	398 *	373 *	342 *	303 *
-19.5	448 *	441 *	436 *	428 *	415 *	397 *	375 *	354 *	323 *	272 *
-22.5	360 *	357 *	344 *	330 *	321 *	313 *	303 *	269 *	225 *	210 *
-25.5	139 *	126 *	135 *	133 *	130 *	131 *	128 *	115 *	98 *	116 *
-29.0	40	40	41	39	35	35	36	40	39	42
-33.0	33	32	32	32	31	30	28	27	25	23
-37.5	28	28	27	27	26	25	24	23	21	18
-42.5	22	22	21	21	21	20	19	18	16	14
-47.5	13	13	14	14	13	12	12	11	9	8
-55.0	5	5	4	5	5	4	4	4	3	2
-65.0	0	0	0	0	0	0	0	0	0	0
-75.0	0	0	0	0	0	0	0	0	0	0
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

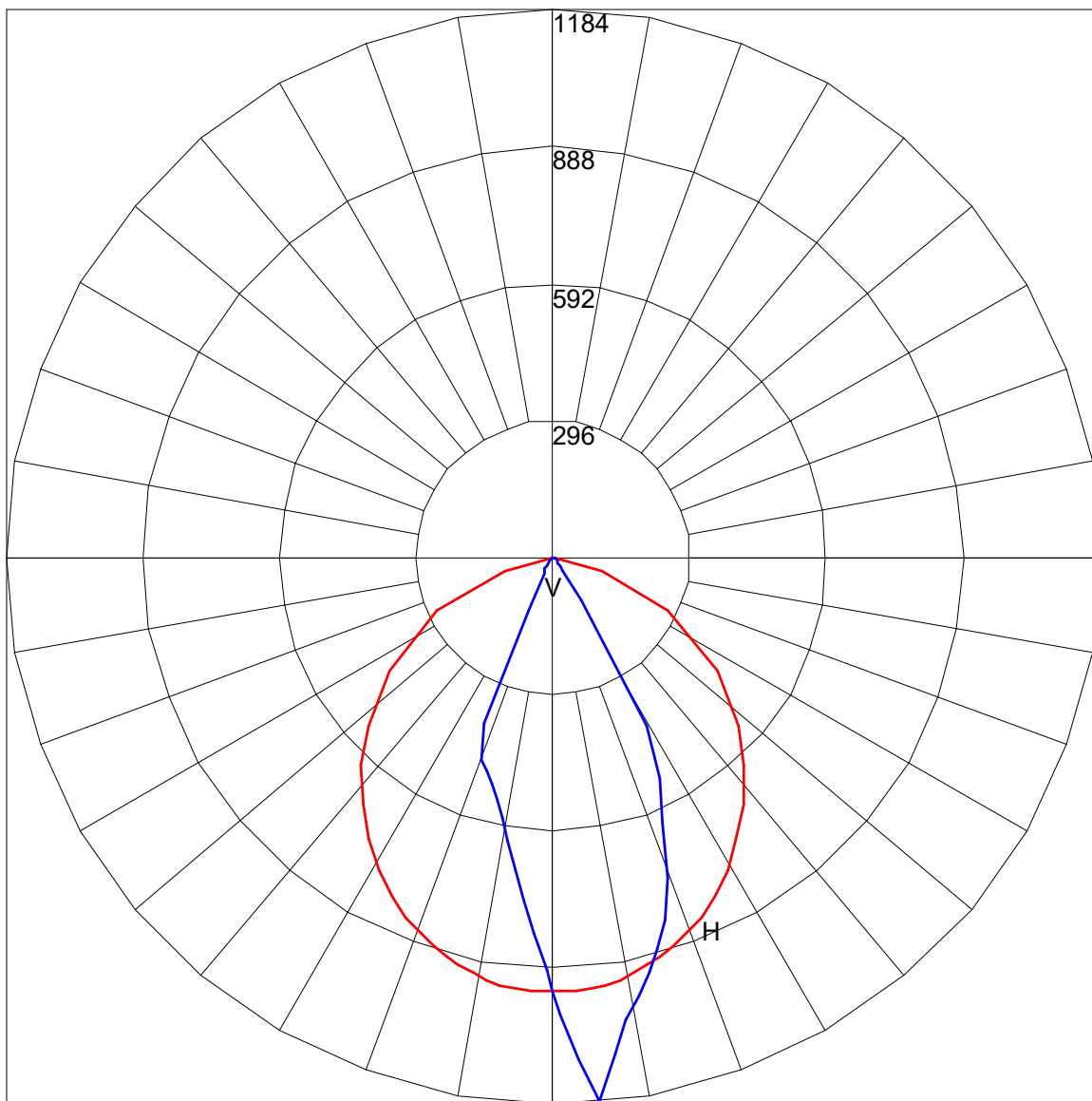
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	0	0	0	0	0
65.0	0	0	0	0	0
55.0	3	1	0	0	0
47.5	9	5	0	1	0
42.5	14	12	5	1	0
37.5	39	28	14	1	0
33.0	97	62	26	1	0
29.0	175 *	104	40	1	0
25.5	245 *	143 *	52	2	0
22.5	294 *	173 *	62	2	0
19.5	334 *	201 *	73	2	0
17.0	367 *	224 *	79	2	0
15.0	393 *	244 *	83	2	0
13.0	428 *	263 *	87	2	0
11.0	465 *	282 *	91	2	0
9.0	501 *	285 *	95	2	0

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CANDELA TABULATION - (Cont.)

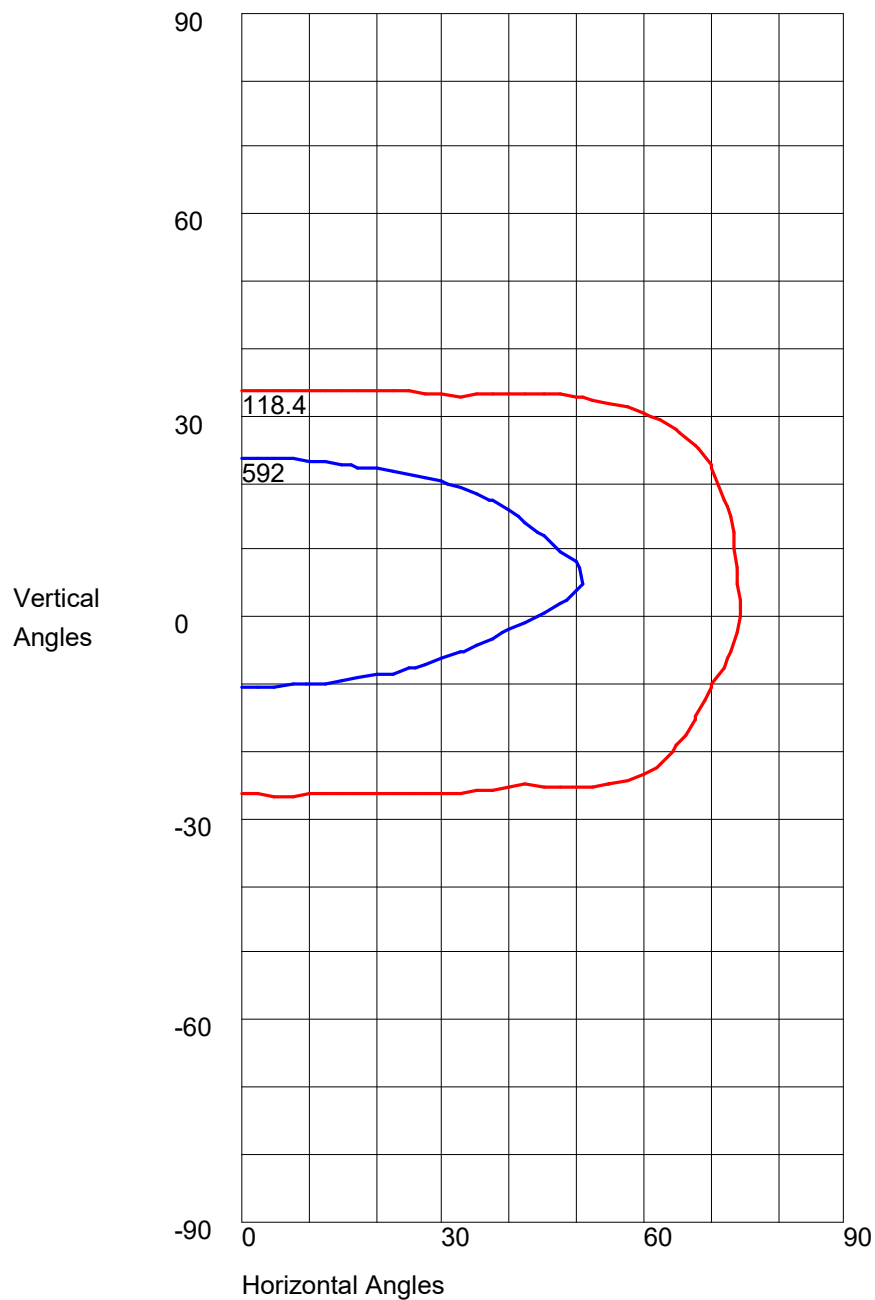
7.0	532 *	285 *	98	2	0
5.0	506 *	283 *	102	2	0
3.0	479 *	282 *	104	2	0
1.0	449 *	278 *	107	2	0
0.0	434 *	276 *	108	2	0
-1.0	417 *	266 *	105	2	0
-3.0	382 *	245 *	99	2	0
-5.0	345 *	223 *	92	2	0
-7.0	308 *	202 *	85	2	0
-9.0	292 *	180 *	77	2	0
-11.0	278 *	159 *	70	2	0
-13.0	263 *	151 *	63	1	0
-15.0	248 *	141 *	55	1	0
-17.0	234 *	131 *	48	1	0
-19.5	214 *	116	39	1	0
-22.5	179 *	93	30	1	0
-25.5	106	65	23	1	0
-29.0	44	37	15	1	0
-33.0	18	16	8	1	0
-37.5	14	7	4	0	0
-42.5	10	6	1	0	0
-47.5	6	3	0	0	0
-55.0	1	0	0	0	0
-65.0	0	0	0	0	0
-75.0	0	0	0	0	0
-85.0	0	0	0	0	0
-90.0	0	0	0	0	0

AXIAL CANDELA DISPLAY



Maximum Candela = 1184 Located At Horizontal Angle = 0, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1184 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 592
10% Maximum Candela = 118.4