



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510718.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L052510718

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

[ISSUE DATE] 6/5/2025

[MANUFAC] Vista Professional Outdoor Lighting

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

[LUMINAIRE] 1051 Wall Grazer Green 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 80239581-42

[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	761
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	102.7
Vertical Beam Angle (50%)	35.8
Horizontal Field Angle (10%)	148.8
Vertical Field Angle (10%)	59.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	400
Beam Efficiency	N.A.
Field Lumens	672
Field Efficiency	N.A.
Spill Lumens	42
Luminaire Lumens	714
Total Efficiency	N.A.
Total Luminaire Watts	11.67
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	3	85	0
75	69	75	1
65	168	65	4
55	268	55	8
47.5	340	47.5	13
42.5	390	42.5	19
37.5	433	37.5	27
33	470	33	77
29	504	29	272
25.5	527	25.5	355
22.5	544	22.5	426
19.5	562	19.5	500
17	574	17	554
15	584	15	590
13	592	13	619
11	598	11	643
9	604	9	675
7	608	7	718
5	610	5	761
3	612	3	706
1	614	1	645
0	614	0	614
-1	614	-1	588
-3	612	-3	539
-5	610	-5	494
-7	608	-7	454
-9	604	-9	419
-11	598	-11	386
-13	592	-13	356
-15	584	-15	336
-17	574	-17	322
-19.5	562	-19.5	309
-22.5	544	-22.5	253
-25.5	527	-25.5	91
-29	504	-29	30
-33	470	-33	25
-37.5	433	-37.5	21
-42.5	390	-42.5	17
-47.5	340	-47.5	11
-55	268	-55	4
-65	168	-65	2
-75	69	-75	0
-85	3	-85	0
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 761

Beam Edge = 380.5 Cd (50% of Max.)

Field Edge = 76.1 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	0	0	0	0	0	1	0	0
65.0	0	0	1	1	2	2	2	3	3	3
55.0	0	0	1	3	4	5	6	6	7	7
47.5	0	1	2	5	8	9	10	11	12	12
42.5	0	1	5	10	12	14	15	15	16	17
37.5	0	1	13	23	31	24	25	25	24	24
33.0	0	2	23	48	75	85 *	80 *	79 *	69	73
29.0	0	2	34	78 *	128 *	164 *	184 *	199 *	216 *	236 *
25.5	0	2	43	102 *	168 *	217 *	247 *	272 *	290 *	305 *
22.5	0	2	51	121 *	199 *	254 *	288 *	318 *	339 *	357 *
19.5	0	2	59	139 *	223 *	286 *	331 *	365 *	393 *	415 *
17.0	0	2	62	155 *	242 *	313 *	359 *	399 *	431 *	458 *
15.0	0	3	64	168 *	257 *	333 *	379 *	423 *	456 *	490 *
13.0	0	3	65	180 *	281 *	351 *	400 *	443 *	479 *	513 *
11.0	0	3	66	193 *	307 *	368 *	423 *	469 *	503 *	536 *
9.0	0	3	67	191 *	333 *	396 *	446 *	502 *	535 *	564 *
7.0	0	3	68	187 *	354 *	423 *	471 *	527 *	578 *	606 *
5.0	0	3	69	183 *	330 *	434 *	494 *	537 *	581 *	628 *
3.0	0	3	69	178 *	307 *	398 *	463 *	518 *	565 *	597 *
1.0	0	3	69	171 *	281 *	359 *	414 *	462 *	502 *	536 *
0.0	0	3	69	168 *	268 *	340 *	390 *	433 *	470 *	504 *
-1.0	0	3	67	162 *	258 *	328 *	375 *	417 *	452 *	484 *
-3.0	0	3	64	152 *	239 *	303 *	346 *	384 *	414 *	446 *
-5.0	0	3	60	140 *	219 *	277 *	316 *	356 *	386 *	413 *
-7.0	0	3	56	128 *	199 *	260 *	297 *	330 *	359 *	383 *
-9.0	0	3	52	116 *	189 *	245 *	278 *	308 *	333 *	354 *
-11.0	0	2	47	105 *	180 *	230 *	262 *	289 *	310 *	327 *
-13.0	0	2	43	99 *	171 *	219 *	247 *	272 *	290 *	307 *
-15.0	0	2	38	93 *	162 *	209 *	234 *	257 *	275 *	289 *
-17.0	0	2	34	86 *	152 *	199 *	224 *	245 *	262 *	277 *
-19.5	0	2	28	75	138 *	177 *	212 *	232 *	247 *	262 *
-22.5	0	2	22	59	112 *	135 *	149 *	176 *	197 *	206 *
-25.5	0	1	17	41	66	74	68	77 *	86 *	89 *
-29.0	0	1	12	24	29	29	28	28	26	25
-33.0	0	1	7	12	14	16	18	19	21	22
-37.5	0	1	4	7	11	14	15	17	18	19
-42.5	0	0	2	5	9	11	12	13	14	15
-47.5	0	0	1	3	5	7	8	8	9	9
-55.0	0	0	0	2	3	3	3	4	4	4
-65.0	0	0	0	0	1	1	1	1	1	2
-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	1	1	1	1	1	1	1	1	1
65.0	3	3	3	4	4	4	4	4	4	4
55.0	7	8	8	8	8	8	8	8	8	8
47.5	13	13	13	13	14	14	14	14	14	14
42.5	17	18	18	18	18	18	19	19	19	19
37.5	25	25	26	26	26	27	27	27	27	27
33.0	80 *	83 *	78 *	80 *	82 *	75	77 *	80 *	82 *	82 *
29.0	245 *	247 *	255 *	258 *	271 *	268 *	269 *	281 *	286 *	282 *
25.5	316 *	326 *	332 *	339 *	344 *	348 *	349 *	353 *	356 *	357 *
22.5	373 *	384 *	393 *	399 *	405 *	413 *	417 *	420 *	422 *	425 *
19.5	436 *	449 *	461 *	471 *	477 *	484 *	491 *	492 *	496 *	500 *
17.0	480 *	498 *	510 *	520 *	527 *	535 *	543 *	545 *	549 *	553 *
15.0	510 *	528 *	542 *	554 *	560 *	569 *	575 *	580 *	584 *	586 *
13.0	536 *	553 *	568 *	580 *	590 *	596 *	603 *	609 *	611 *	615 *
11.0	558 *	575 *	591 *	602 *	610 *	620 *	626 *	632 *	637 *	639 *
9.0	589 *	602 *	617 *	628 *	636 *	645 *	654 *	655 *	665 *	665 *
7.0	630 *	651 *	665 *	677 *	686 *	696 *	705 *	709 *	715 *	719 *
5.0	661 *	675 *	699 *	712 *	719 *	729 *	738 *	746 *	744 *	750 *
3.0	622 *	643 *	663 *	676 *	685 *	694 *	702 *	707 *	707 *	709 *
1.0	560 *	579 *	596 *	609 *	619 *	626 *	635 *	642 *	646 *	648 *
0.0	527 *	544 *	562 *	574 *	584 *	592 *	598 *	604 *	608 *	610 *
-1.0	508 *	524 *	540 *	552 *	562 *	569 *	577 *	583 *	586 *	590 *
-3.0	470 *	485 *	499 *	510 *	517 *	525 *	531 *	534 *	537 *	540 *
-5.0	432 *	448 *	462 *	470 *	477 *	483 *	488 *	490 *	492 *	493 *
-7.0	400 *	413 *	423 *	432 *	438 *	442 *	449 *	451 *	452 *	455 *
-9.0	367 *	378 *	388 *	396 *	400 *	406 *	409 *	413 *	417 *	417 *
-11.0	339 *	348 *	357 *	364 *	368 *	373 *	375 *	379 *	382 *	381 *
-13.0	317 *	326 *	333 *	338 *	343 *	346 *	350 *	352 *	354 *	355 *
-15.0	301 *	308 *	315 *	320 *	324 *	327 *	331 *	333 *	335 *	335 *
-17.0	287 *	294 *	301 *	306 *	310 *	313 *	315 *	318 *	320 *	321 *
-19.5	274 *	282 *	288 *	291 *	296 *	298 *	302 *	303 *	305 *	307 *
-22.5	211 *	217 *	225 *	234 *	233 *	235 *	247 *	239 *	239 *	244 *
-25.5	90 *	92 *	92 *	88 *	94 *	95 *	86 *	96 *	100 *	97 *
-29.0	26	28	29	27	28	29	28	27	29	30
-33.0	22	23	23	24	24	24	24	24	24	24
-37.5	19	20	20	20	21	21	21	21	21	21
-42.5	15	16	16	16	16	17	16	16	17	17
-47.5	10	10	11	11	11	10	10	11	11	11
-55.0	4	4	4	4	4	5	4	4	4	4
-65.0	2	1	1	2	2	2	2	2	2	2
-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	1	1	1	1	1	1	1	1	1	1
65.0	4	4	4	4	4	4	4	4	4	4

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CANDELA TABULATION - (Cont.)

55.0	8	8	8	8	8	8	8	8	8	8
47.5	14	13	13	13	14	14	14	14	14	14
42.5	19	19	19	19	19	19	19	19	19	18
37.5	27	27	27	27	27	27	27	27	27	27
33.0	81 *	79 *	77 *	79 *	81 *	82 *	82 *	80 *	77 *	75
29.0	276 *	274 *	272 *	274 *	276 *	282 *	286 *	281 *	269 *	268 *
25.5	357 *	356 *	355 *	356 *	357 *	357 *	356 *	353 *	349 *	348 *
22.5	428 *	428 *	426 *	428 *	428 *	425 *	422 *	420 *	417 *	413 *
19.5	500 *	501 *	500 *	501 *	500 *	500 *	496 *	492 *	491 *	484 *
17.0	554 *	555 *	554 *	555 *	554 *	553 *	549 *	545 *	543 *	535 *
15.0	589 *	592 *	590 *	592 *	589 *	586 *	584 *	580 *	575 *	569 *
13.0	618 *	621 *	619 *	621 *	618 *	615 *	611 *	609 *	603 *	596 *
11.0	641 *	643 *	643 *	643 *	641 *	639 *	637 *	632 *	626 *	620 *
9.0	669 *	675 *	675 *	675 *	669 *	665 *	665 *	655 *	654 *	645 *
7.0	725 *	719 *	718 *	719 *	725 *	719 *	715 *	709 *	705 *	696 *
5.0	745 *	756 *	761 *	756 *	745 *	750 *	744 *	746 *	738 *	729 *
3.0	709 *	704 *	706 *	704 *	709 *	709 *	707 *	707 *	702 *	694 *
1.0	647 *	645 *	645 *	645 *	647 *	648 *	646 *	642 *	635 *	626 *
0.0	612 *	614 *	614 *	614 *	612 *	610 *	608 *	604 *	598 *	592 *
-1.0	589 *	587 *	588 *	587 *	589 *	590 *	586 *	583 *	577 *	569 *
-3.0	538 *	536 *	539 *	536 *	538 *	540 *	537 *	534 *	531 *	525 *
-5.0	494 *	498 *	494 *	498 *	494 *	493 *	492 *	490 *	488 *	483 *
-7.0	454 *	455 *	454 *	455 *	454 *	455 *	452 *	451 *	449 *	442 *
-9.0	418 *	418 *	419 *	418 *	418 *	417 *	417 *	413 *	409 *	406 *
-11.0	384 *	384 *	386 *	384 *	384 *	381 *	382 *	379 *	375 *	373 *
-13.0	356 *	357 *	356 *	357 *	356 *	355 *	354 *	352 *	350 *	346 *
-15.0	336 *	337 *	336 *	337 *	336 *	335 *	335 *	333 *	331 *	327 *
-17.0	322 *	323 *	322 *	323 *	322 *	321 *	320 *	318 *	315 *	313 *
-19.5	308 *	309 *	309 *	309 *	308 *	307 *	305 *	303 *	302 *	298 *
-22.5	251 *	255 *	253 *	255 *	251 *	244 *	239 *	239 *	247 *	235 *
-25.5	93 *	92 *	91 *	92 *	93 *	97 *	100 *	96 *	86 *	95 *
-29.0	29	30	30	30	29	30	29	27	28	29
-33.0	25	25	25	25	25	24	24	24	24	24
-37.5	21	21	21	21	21	21	21	21	21	21
-42.5	17	17	17	17	17	17	17	16	16	17
-47.5	11	11	11	11	11	11	11	11	10	10
-55.0	4	4	4	4	4	4	4	4	4	5
-65.0	2	2	2	2	2	2	2	2	2	2
-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. Horizontal Angles
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	1	1	1	1	0	0	0	1	0	0
65.0	4	4	3	3	3	3	3	3	2	2
55.0	8	8	8	8	7	7	7	6	6	5
47.5	14	13	13	13	13	12	12	11	10	9
42.5	18	18	18	18	17	17	16	15	15	14
37.5	26	26	26	25	25	24	24	25	25	24
33.0	82 *	80 *	78 *	83 *	80 *	73	69	79 *	80 *	85 *
29.0	271 *	258 *	255 *	247 *	245 *	236 *	216 *	199 *	184 *	164 *
25.5	344 *	339 *	332 *	326 *	316 *	305 *	290 *	272 *	247 *	217 *

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CANDELA TABULATION - (Cont.)

22.5	405 *	399 *	393 *	384 *	373 *	357 *	339 *	318 *	288 *	254 *
19.5	477 *	471 *	461 *	449 *	436 *	415 *	393 *	365 *	331 *	286 *
17.0	527 *	520 *	510 *	498 *	480 *	458 *	431 *	399 *	359 *	313 *
15.0	560 *	554 *	542 *	528 *	510 *	490 *	456 *	423 *	379 *	333 *
13.0	590 *	580 *	568 *	553 *	536 *	513 *	479 *	443 *	400 *	351 *
11.0	610 *	602 *	591 *	575 *	558 *	536 *	503 *	469 *	423 *	368 *
9.0	636 *	628 *	617 *	602 *	589 *	564 *	535 *	502 *	446 *	396 *
7.0	686 *	677 *	665 *	651 *	630 *	606 *	578 *	527 *	471 *	423 *
5.0	719 *	712 *	699 *	675 *	661 *	628 *	581 *	537 *	494 *	434 *
3.0	685 *	676 *	663 *	643 *	622 *	597 *	565 *	518 *	463 *	398 *
1.0	619 *	609 *	596 *	579 *	560 *	536 *	502 *	462 *	414 *	359 *
0.0	584 *	574 *	562 *	544 *	527 *	504 *	470 *	433 *	390 *	340 *
-1.0	562 *	552 *	540 *	524 *	508 *	484 *	452 *	417 *	375 *	328 *
-3.0	517 *	510 *	499 *	485 *	470 *	446 *	414 *	384 *	346 *	303 *
-5.0	477 *	470 *	462 *	448 *	432 *	413 *	386 *	356 *	316 *	277 *
-7.0	438 *	432 *	423 *	413 *	400 *	383 *	359 *	330 *	297 *	260 *
-9.0	400 *	396 *	388 *	378 *	367 *	354 *	333 *	308 *	278 *	245 *
-11.0	368 *	364 *	357 *	348 *	339 *	327 *	310 *	289 *	262 *	230 *
-13.0	343 *	338 *	333 *	326 *	317 *	307 *	290 *	272 *	247 *	219 *
-15.0	324 *	320 *	315 *	308 *	301 *	289 *	275 *	257 *	234 *	209 *
-17.0	310 *	306 *	301 *	294 *	287 *	277 *	262 *	245 *	224 *	199 *
-19.5	296 *	291 *	288 *	282 *	274 *	262 *	247 *	232 *	212 *	177 *
-22.5	233 *	234 *	225 *	217 *	211 *	206 *	197 *	176 *	149 *	135 *
-25.5	94 *	88 *	92 *	92 *	90 *	89 *	86 *	77 *	68	74
-29.0	28	27	29	28	26	25	26	28	28	29
-33.0	24	24	23	23	22	22	21	19	18	16
-37.5	21	20	20	20	19	19	18	17	15	14
-42.5	16	16	16	16	15	15	14	13	12	11
-47.5	11	11	11	10	10	9	9	8	8	7
-55.0	4	4	4	4	4	4	4	4	3	3
-65.0	2	2	1	1	2	2	1	1	1	1
-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

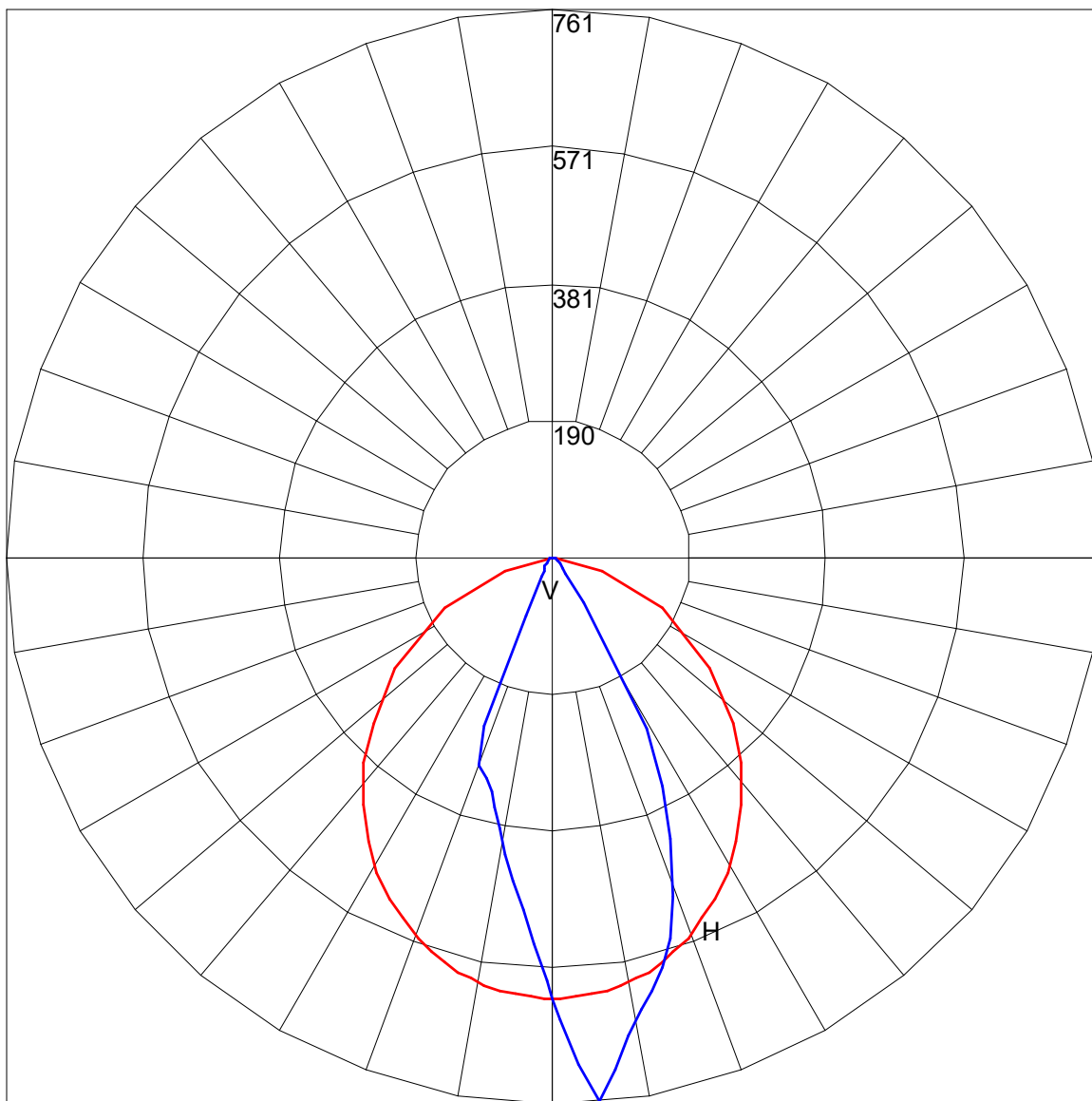
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	0	0	0	0	0
65.0	2	1	1	0	0
55.0	4	3	1	0	0
47.5	8	5	2	1	0
42.5	12	10	5	1	0
37.5	31	23	13	1	0
33.0	75	48	23	2	0
29.0	128 *	78 *	34	2	0
25.5	168 *	102 *	43	2	0
22.5	199 *	121 *	51	2	0
19.5	223 *	139 *	59	2	0
17.0	242 *	155 *	62	2	0
15.0	257 *	168 *	64	3	0
13.0	281 *	180 *	65	3	0
11.0	307 *	193 *	66	3	0
9.0	333 *	191 *	67	3	0

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CANDELA TABULATION - (Cont.)

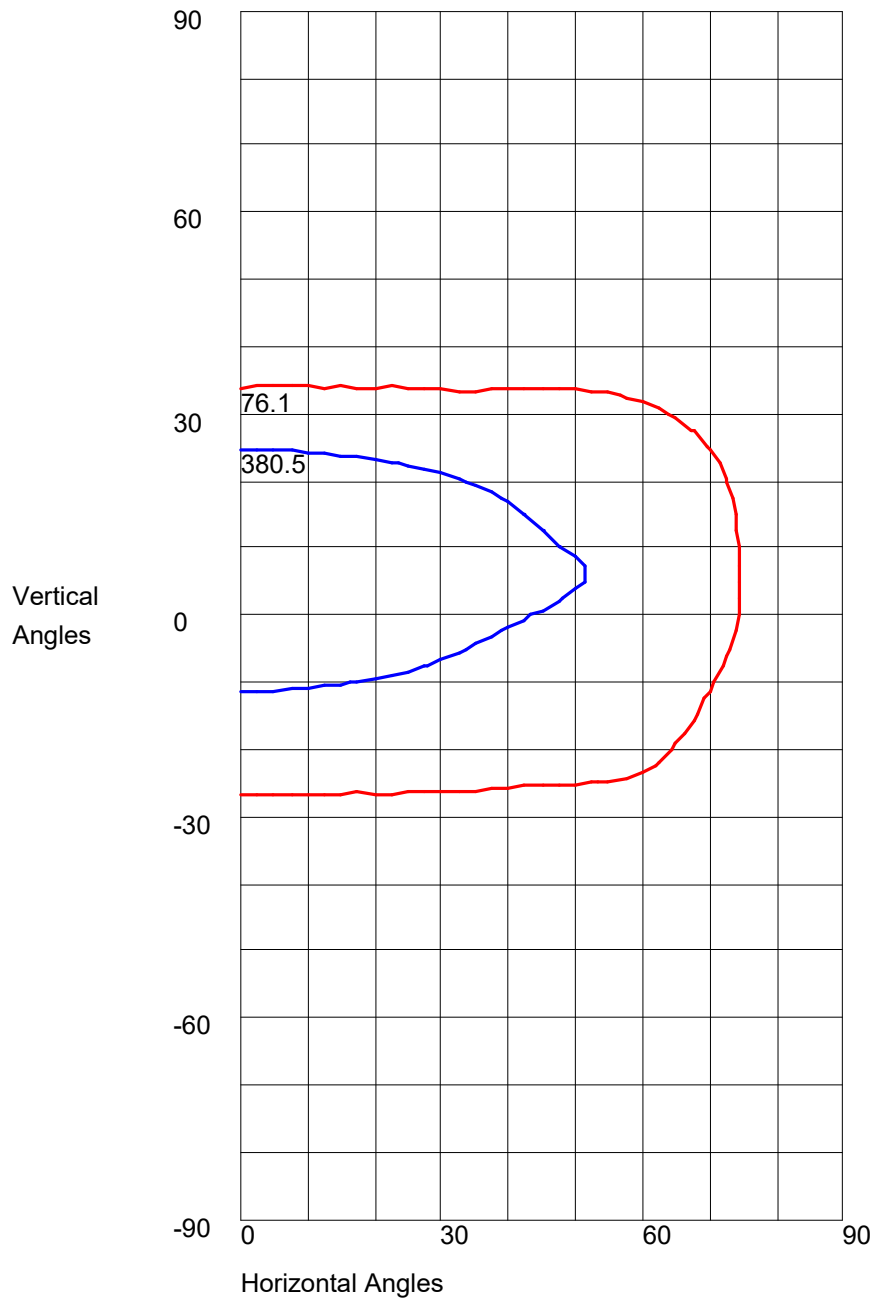
7.0	354 *	187 *	68	3	0
5.0	330 *	183 *	69	3	0
3.0	307 *	178 *	69	3	0
1.0	281 *	171 *	69	3	0
0.0	268 *	168 *	69	3	0
-1.0	258 *	162 *	67	3	0
-3.0	239 *	152 *	64	3	0
-5.0	219 *	140 *	60	3	0
-7.0	199 *	128 *	56	3	0
-9.0	189 *	116 *	52	3	0
-11.0	180 *	105 *	47	2	0
-13.0	171 *	99 *	43	2	0
-15.0	162 *	93 *	38	2	0
-17.0	152 *	86 *	34	2	0
-19.5	138 *	75	28	2	0
-22.5	112 *	59	22	2	0
-25.5	66	41	17	1	0
-29.0	29	24	12	1	0
-33.0	14	12	7	1	0
-37.5	11	7	4	1	0
-42.5	9	5	2	0	0
-47.5	5	3	1	0	0
-55.0	3	2	0	0	0
-65.0	1	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 = 761 Located At Horizontal Angle = 0, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 761 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 380.5
10% Maximum Candela = 76.1