



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510767.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L052510767

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

[ISSUE DATE] 6/10/2025

[MANUFAC] Vista Professional Outdoor Lighting

[LUMCAT] 1054-WG-RGBW-(B)

[LUMINAIRE] 1054 Wall Grazer Blue 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 80239581-43

[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	732
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	101.3
Vertical Beam Angle (50%)	36.6
Horizontal Field Angle (10%)	150.5
Vertical Field Angle (10%)	59.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	386
Beam Efficiency	N.A.
Field Lumens	648
Field Efficiency	N.A.
Spill Lumens	32
Luminaire Lumens	680
Total Efficiency	N.A.
Total Luminaire Watts	41.9
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	84	75	0
65	184	65	0
55	278	55	4
47.5	344	47.5	10
42.5	388	42.5	16
37.5	426	37.5	22
33	459	33	76
29	488	29	270
25.5	512	25.5	350
22.5	530	22.5	410
19.5	544	19.5	481
17	554	17	533
15	564	15	568
13	572	13	595
11	579	11	618
9	584	9	648
7	587	7	689
5	590	5	732
3	592	3	679
1	591	1	620
0	590	0	590
-1	591	-1	565
-3	592	-3	518
-5	590	-5	476
-7	587	-7	441
-9	584	-9	406
-11	579	-11	376
-13	572	-13	353
-15	564	-15	334
-17	554	-17	320
-19.5	544	-19.5	305
-22.5	530	-22.5	252
-25.5	512	-25.5	86
-29	488	-29	25
-33	459	-33	21
-37.5	426	-37.5	18
-42.5	388	-42.5	14
-47.5	344	-47.5	6
-55	278	-55	0
-65	184	-65	0
-75	84	-75	0
-85	0	-85	0
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 732

Beam Edge = 366 Cd (50% of Max.)

Field Edge = 73.2 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	0	0	0	0	0
55.0	0	0	0	0	0	1	2	2	3	4
47.5	0	0	0	2	3	4	6	6	8	8
42.5	0	0	2	5	8	9	10	11	13	12
37.5	0	0	6	14	20	19	20	20	20	20
33.0	0	0	14	33	53	64	63	65	61	64
29.0	0	0	22	59	102 *	141 *	162 *	182 *	203 *	225 *
25.5	0	0	30	84 *	149 *	201 *	235 *	261 *	280 *	295 *
22.5	0	0	37	104 *	182 *	239 *	273 *	303 *	324 *	343 *
19.5	0	0	44	121 *	205 *	270 *	311 *	346 *	374 *	397 *
17.0	0	0	50	135 *	225 *	296 *	339 *	379 *	412 *	437 *
15.0	0	0	54	146 *	240 *	314 *	360 *	402 *	436 *	466 *
13.0	0	0	58	157 *	259 *	332 *	380 *	422 *	458 *	488 *
11.0	0	0	63	168 *	279 *	348 *	401 *	445 *	478 *	510 *
9.0	0	0	67	173 *	297 *	374 *	423 *	471 *	506 *	535 *
7.0	0	0	71	176 *	313 *	398 *	452 *	497 *	543 *	574 *
5.0	0	0	75 *	179 *	304 *	411 *	480 *	520 *	557 *	599 *
3.0	0	0	79 *	182 *	295 *	386 *	453 *	509 *	554 *	582 *
1.0	0	0	82 *	183 *	284 *	358 *	410 *	454 *	491 *	521 *
0.0	0	0	84 *	184 *	278 *	344 *	388 *	426 *	459 *	488 *
-1.0	0	0	81 *	177 *	267 *	330 *	372 *	409 *	440 *	469 *
-3.0	0	0	75 *	162 *	244 *	302 *	341 *	375 *	403 *	430 *
-5.0	0	0	70	147 *	219 *	273 *	310 *	348 *	377 *	401 *
-7.0	0	0	63	131 *	195 *	255 *	292 *	325 *	352 *	374 *
-9.0	0	0	56	116 *	185 *	240 *	274 *	304 *	328 *	347 *
-11.0	0	0	50	102 *	176 *	225 *	258 *	286 *	306 *	323 *
-13.0	0	0	44	96 *	166 *	214 *	244 *	269 *	287 *	303 *
-15.0	0	0	37	90 *	157 *	204 *	231 *	254 *	272 *	285 *
-17.0	0	0	31	84 *	149 *	194 *	221 *	242 *	260 *	274 *
-19.5	0	0	24	76 *	137 *	175 *	209 *	228 *	245 *	259 *
-22.5	0	0	19	64	117 *	140 *	150 *	177 *	199 *	209 *
-25.5	0	0	14	45	71	80 *	71	77 *	85 *	90 *
-29.0	0	0	9	25	30	27	24	24	21	20
-33.0	0	0	5	9	10	13	14	15	18	18
-37.5	0	0	2	3	7	10	11	13	14	15
-42.5	0	0	0	2	4	7	8	9	10	12
-47.5	0	0	0	0	1	2	4	4	5	6
-55.0	0	0	0	0	0	0	0	0	0	0
-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	0	0	0	0	0	0	0	0	0	0
55.0	3	4	4	4	4	5	5	4	4	4
47.5	9	9	10	9	9	9	9	9	10	10
42.5	13	13	14	14	14	14	14	15	15	16
37.5	21	21	22	22	22	22	22	23	23	23
33.0	71	74 *	70	74 *	76 *	71	75 *	77 *	76 *	74 *
29.0	236 *	236 *	248 *	251 *	265 *	260 *	262 *	274 *	277 *	270 *
25.5	308 *	316 *	324 *	329 *	335 *	340 *	343 *	346 *	349 *	351 *
22.5	359 *	369 *	378 *	385 *	391 *	398 *	402 *	406 *	409 *	410 *
19.5	415 *	429 *	441 *	450 *	458 *	464 *	469 *	473 *	477 *	481 *
17.0	460 *	474 *	488 *	497 *	507 *	513 *	520 *	524 *	528 *	531 *
15.0	489 *	505 *	519 *	531 *	538 *	546 *	551 *	557 *	561 *	564 *
13.0	513 *	530 *	544 *	556 *	567 *	574 *	579 *	584 *	588 *	592 *
11.0	534 *	552 *	567 *	577 *	586 *	596 *	602 *	607 *	611 *	614 *
9.0	562 *	575 *	591 *	602 *	608 *	618 *	627 *	629 *	638 *	638 *
7.0	600 *	621 *	633 *	647 *	656 *	667 *	675 *	679 *	683 *	689 *
5.0	636 *	649 *	671 *	684 *	692 *	703 *	712 *	716 *	715 *	719 *
3.0	604 *	623 *	640 *	653 *	662 *	670 *	676 *	680 *	682 *	684 *
1.0	546 *	563 *	577 *	588 *	597 *	606 *	613 *	618 *	622 *	624 *
0.0	512 *	530 *	544 *	554 *	564 *	572 *	579 *	584 *	587 *	590 *
-1.0	492 *	508 *	522 *	531 *	540 *	548 *	554 *	560 *	563 *	567 *
-3.0	453 *	468 *	481 *	491 *	499 *	507 *	512 *	515 *	517 *	519 *
-5.0	419 *	434 *	446 *	454 *	459 *	465 *	470 *	474 *	475 *	477 *
-7.0	389 *	402 *	410 *	418 *	423 *	429 *	433 *	436 *	438 *	439 *
-9.0	361 *	371 *	379 *	386 *	390 *	395 *	399 *	401 *	403 *	403 *
-11.0	336 *	344 *	353 *	358 *	361 *	367 *	370 *	373 *	373 *	375 *
-13.0	315 *	323 *	330 *	334 *	338 *	343 *	347 *	349 *	350 *	352 *
-15.0	298 *	306 *	311 *	316 *	320 *	324 *	328 *	329 *	332 *	333 *
-17.0	284 *	291 *	297 *	302 *	306 *	310 *	312 *	315 *	317 *	318 *
-19.5	271 *	278 *	284 *	287 *	292 *	295 *	299 *	301 *	303 *	303 *
-22.5	211 *	215 *	226 *	232 *	233 *	233 *	248 *	237 *	235 *	241 *
-25.5	90 *	90 *	91 *	86 *	91 *	92 *	85 *	92 *	93 *	91 *
-29.0	22	24	25	24	23	25	24	24	26	26
-33.0	18	19	20	20	20	20	20	21	21	21
-37.5	15	16	17	16	16	17	17	17	18	18
-42.5	11	12	12	12	12	13	13	13	12	12
-47.5	6	7	7	7	7	7	6	7	7	6
-55.0	1	1	0	1	1	0	0	1	1	0
-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	0	0	0	0	0	0	0	0	0	0

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CANDELA TABULATION - (Cont.)

55.0	4	4	4	4	4	4	4	4	5	5
47.5	10	10	10	10	10	10	10	9	9	9
42.5	16	16	16	16	16	16	15	15	14	14
37.5	24	23	22	23	24	23	23	23	22	22
33.0	74 *	76 *	76 *	76 *	74 *	74 *	76 *	77 *	75 *	71
29.0	270 *	271 *	270 *	271 *	270 *	270 *	277 *	274 *	262 *	260 *
25.5	351 *	350 *	350 *	350 *	351 *	351 *	349 *	346 *	343 *	340 *
22.5	410 *	411 *	410 *	411 *	410 *	410 *	409 *	406 *	402 *	398 *
19.5	481 *	481 *	481 *	481 *	481 *	481 *	477 *	473 *	469 *	464 *
17.0	532 *	533 *	533 *	533 *	532 *	531 *	528 *	524 *	520 *	513 *
15.0	566 *	568 *	568 *	568 *	566 *	564 *	561 *	557 *	551 *	546 *
13.0	594 *	595 *	595 *	595 *	594 *	592 *	588 *	584 *	579 *	574 *
11.0	617 *	617 *	618 *	617 *	617 *	614 *	611 *	607 *	602 *	596 *
9.0	644 *	647 *	648 *	647 *	644 *	638 *	638 *	629 *	627 *	618 *
7.0	693 *	688 *	689 *	688 *	693 *	689 *	683 *	679 *	675 *	667 *
5.0	715 *	731 *	732 *	731 *	715 *	719 *	715 *	716 *	712 *	703 *
3.0	682 *	677 *	679 *	677 *	682 *	684 *	682 *	680 *	676 *	670 *
1.0	623 *	621 *	620 *	621 *	623 *	624 *	622 *	618 *	613 *	606 *
0.0	592 *	591 *	590 *	591 *	592 *	590 *	587 *	584 *	579 *	572 *
-1.0	567 *	565 *	565 *	565 *	567 *	567 *	563 *	560 *	554 *	548 *
-3.0	520 *	519 *	518 *	519 *	520 *	519 *	517 *	515 *	512 *	507 *
-5.0	477 *	479 *	476 *	479 *	477 *	477 *	475 *	474 *	470 *	465 *
-7.0	439 *	440 *	441 *	440 *	439 *	439 *	438 *	436 *	433 *	429 *
-9.0	405 *	406 *	406 *	406 *	405 *	403 *	403 *	401 *	399 *	395 *
-11.0	376 *	377 *	376 *	377 *	376 *	375 *	373 *	373 *	370 *	367 *
-13.0	353 *	353 *	353 *	353 *	353 *	352 *	350 *	349 *	347 *	343 *
-15.0	334 *	334 *	334 *	334 *	334 *	333 *	332 *	329 *	328 *	324 *
-17.0	320 *	319 *	320 *	319 *	320 *	318 *	317 *	315 *	312 *	310 *
-19.5	306 *	306 *	305 *	306 *	306 *	303 *	303 *	301 *	299 *	295 *
-22.5	249 *	254 *	252 *	254 *	249 *	241 *	235 *	237 *	248 *	233 *
-25.5	91 *	89 *	86 *	89 *	91 *	91 *	93 *	92 *	85 *	92 *
-29.0	26	25	25	25	26	26	26	24	24	25
-33.0	20	21	21	21	20	21	21	21	20	20
-37.5	18	18	18	18	18	18	18	17	17	17
-42.5	12	13	14	13	12	12	12	13	13	13
-47.5	6	6	6	6	6	6	7	7	6	7
-55.0	0	0	0	0	0	0	1	1	0	0
-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	0	0	0	0	0	0	0	0	0	0
55.0	4	4	4	4	3	4	3	2	2	1
47.5	9	9	10	9	9	8	8	6	6	4
42.5	14	14	14	13	13	12	13	11	10	9
37.5	22	22	22	21	21	20	20	20	20	19
33.0	76 *	74 *	70	74 *	71	64	61	65	63	64
29.0	265 *	251 *	248 *	236 *	236 *	225 *	203 *	182 *	162 *	141 *
25.5	335 *	329 *	324 *	316 *	308 *	295 *	280 *	261 *	235 *	201 *

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CANDELA TABULATION - (Cont.)

22.5	391 *	385 *	378 *	369 *	359 *	343 *	324 *	303 *	273 *	239 *
19.5	458 *	450 *	441 *	429 *	415 *	397 *	374 *	346 *	311 *	270 *
17.0	507 *	497 *	488 *	474 *	460 *	437 *	412 *	379 *	339 *	296 *
15.0	538 *	531 *	519 *	505 *	489 *	466 *	436 *	402 *	360 *	314 *
13.0	567 *	556 *	544 *	530 *	513 *	488 *	458 *	422 *	380 *	332 *
11.0	586 *	577 *	567 *	552 *	534 *	510 *	478 *	445 *	401 *	348 *
9.0	608 *	602 *	591 *	575 *	562 *	535 *	506 *	471 *	423 *	374 *
7.0	656 *	647 *	633 *	621 *	600 *	574 *	543 *	497 *	452 *	398 *
5.0	692 *	684 *	671 *	649 *	636 *	599 *	557 *	520 *	480 *	411 *
3.0	662 *	653 *	640 *	623 *	604 *	582 *	554 *	509 *	453 *	386 *
1.0	597 *	588 *	577 *	563 *	546 *	521 *	491 *	454 *	410 *	358 *
0.0	564 *	554 *	544 *	530 *	512 *	488 *	459 *	426 *	388 *	344 *
-1.0	540 *	531 *	522 *	508 *	492 *	469 *	440 *	409 *	372 *	330 *
-3.0	499 *	491 *	481 *	468 *	453 *	430 *	403 *	375 *	341 *	302 *
-5.0	459 *	454 *	446 *	434 *	419 *	401 *	377 *	348 *	310 *	273 *
-7.0	423 *	418 *	410 *	402 *	389 *	374 *	352 *	325 *	292 *	255 *
-9.0	390 *	386 *	379 *	371 *	361 *	347 *	328 *	304 *	274 *	240 *
-11.0	361 *	358 *	353 *	344 *	336 *	323 *	306 *	286 *	258 *	225 *
-13.0	338 *	334 *	330 *	323 *	315 *	303 *	287 *	269 *	244 *	214 *
-15.0	320 *	316 *	311 *	306 *	298 *	285 *	272 *	254 *	231 *	204 *
-17.0	306 *	302 *	297 *	291 *	284 *	274 *	260 *	242 *	221 *	194 *
-19.5	292 *	287 *	284 *	278 *	271 *	259 *	245 *	228 *	209 *	175 *
-22.5	233 *	232 *	226 *	215 *	211 *	209 *	199 *	177 *	150 *	140 *
-25.5	91 *	86 *	91 *	90 *	90 *	90 *	85 *	77 *	71 *	80 *
-29.0	23	24	25	24	22	20	21	24	24	27
-33.0	20	20	20	19	18	18	18	15	14	13
-37.5	16	16	17	16	15	15	14	13	11	10
-42.5	12	12	12	12	11	12	10	9	8	7
-47.5	7	7	7	7	6	6	5	4	4	2
-55.0	1	1	0	1	1	0	0	0	0	0
-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

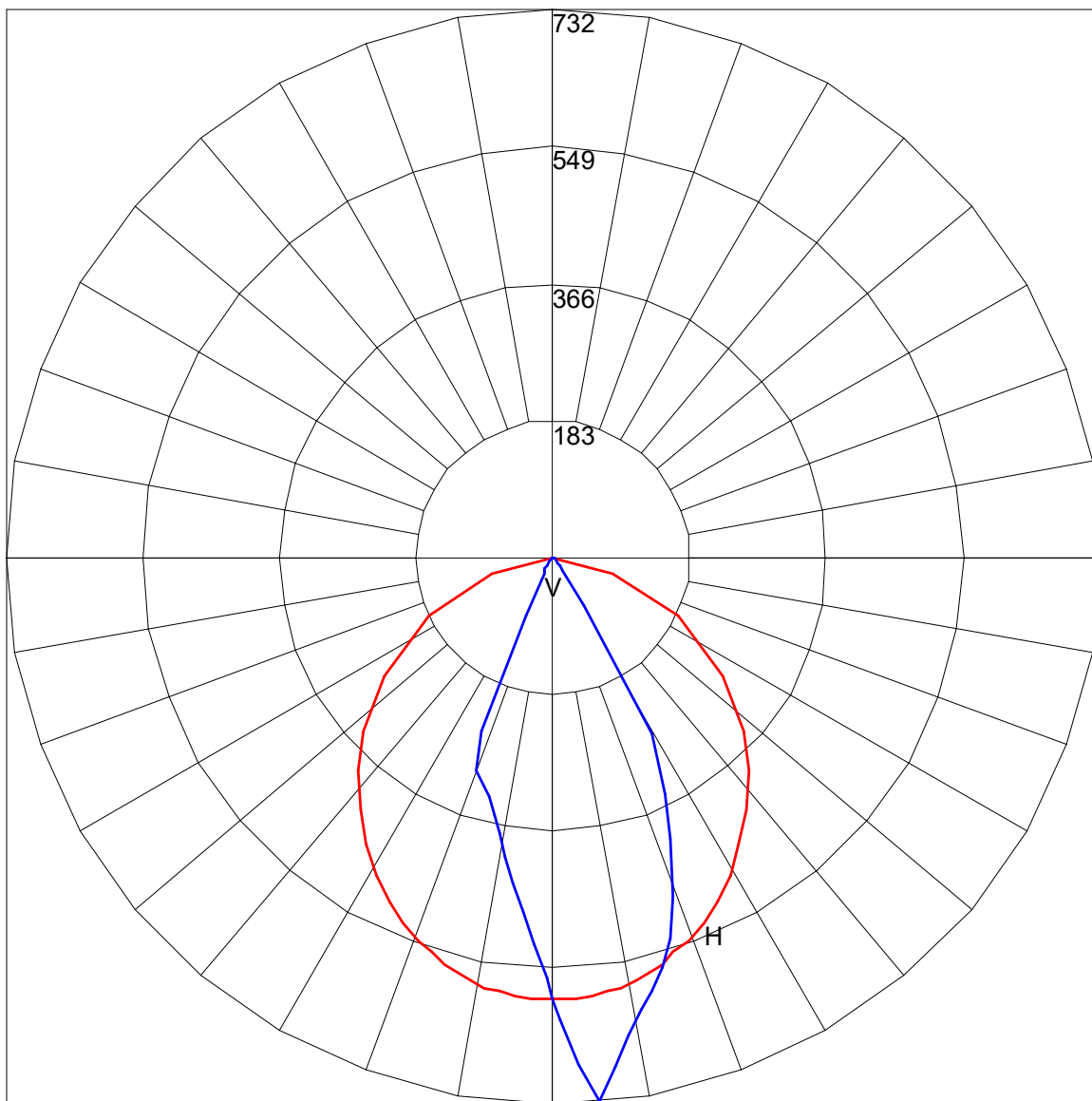
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	0	0	0	0	0
65.0	0	0	0	0	0
55.0	0	0	0	0	0
47.5	3	2	0	0	0
42.5	8	5	2	0	0
37.5	20	14	6	0	0
33.0	53	33	14	0	0
29.0	102 *	59	22	0	0
25.5	149 *	84 *	30	0	0
22.5	182 *	104 *	37	0	0
19.5	205 *	121 *	44	0	0
17.0	225 *	135 *	50	0	0
15.0	240 *	146 *	54	0	0
13.0	259 *	157 *	58	0	0
11.0	279 *	168 *	63	0	0
9.0	297 *	173 *	67	0	0

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CANDELA TABULATION - (Cont.)

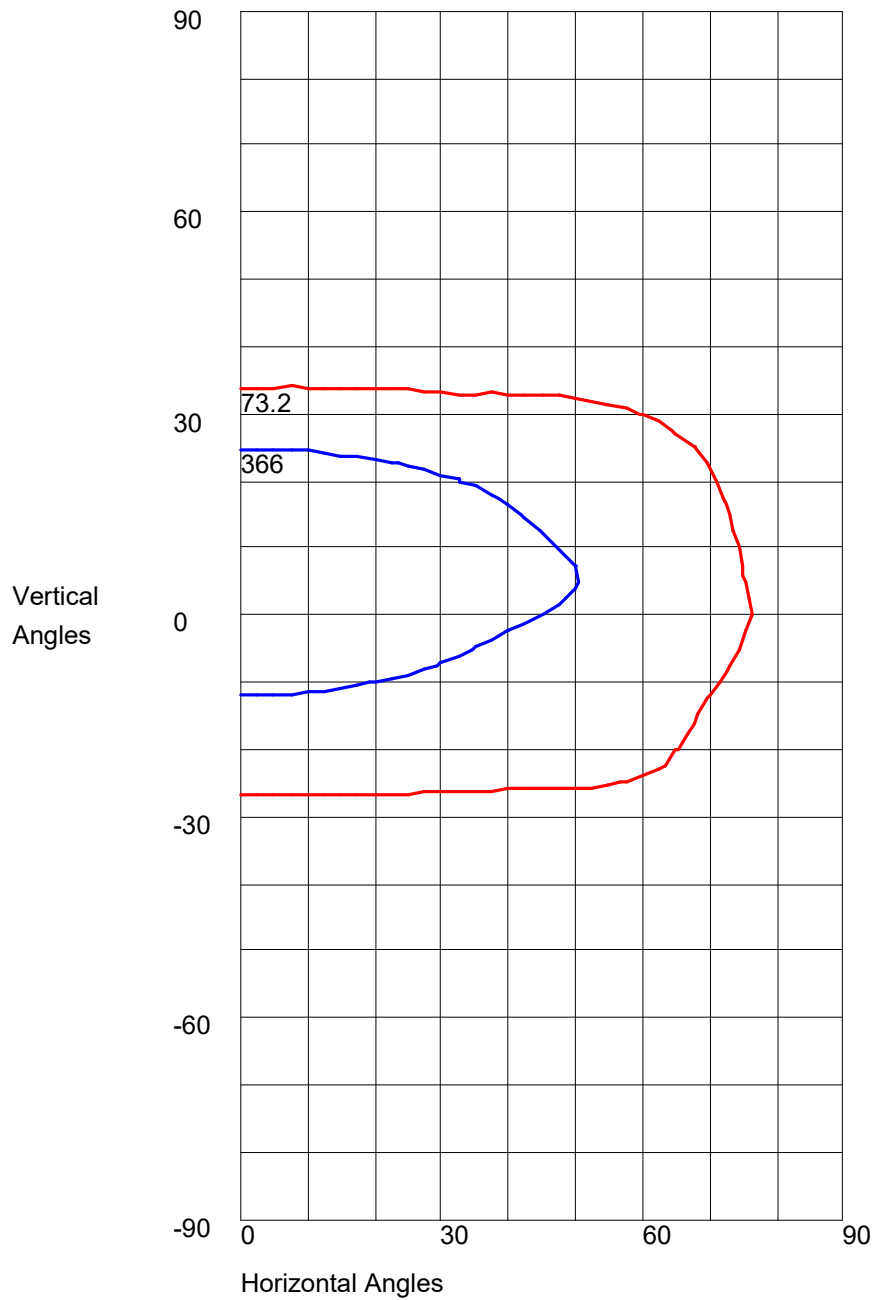
7.0	313 *	176 *	71	0	0
5.0	304 *	179 *	75 *	0	0
3.0	295 *	182 *	79 *	0	0
1.0	284 *	183 *	82 *	0	0
0.0	278 *	184 *	84 *	0	0
-1.0	267 *	177 *	81 *	0	0
-3.0	244 *	162 *	75 *	0	0
-5.0	219 *	147 *	70	0	0
-7.0	195 *	131 *	63	0	0
-9.0	185 *	116 *	56	0	0
-11.0	176 *	102 *	50	0	0
-13.0	166 *	96 *	44	0	0
-15.0	157 *	90 *	37	0	0
-17.0	149 *	84 *	31	0	0
-19.5	137 *	76 *	24	0	0
-22.5	117 *	64	19	0	0
-25.5	71	45	14	0	0
-29.0	30	25	9	0	0
-33.0	10	9	5	0	0
-37.5	7	3	2	0	0
-42.5	4	2	0	0	0
-47.5	1	0	0	0	0
-55.0	0	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 = 732 Located At Horizontal Angle = 0, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 732 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 366
10% Maximum Candela = 73.2