



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510717.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L052510717

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

[ISSUE DATE] 6/5/2025

[MANUFAC] Vista Professional Outdoor Lighting

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

[LUMINAIRE] 1051 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	332
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	102.2
Vertical Beam Angle (50%)	33.9
Horizontal Field Angle (10%)	148.0
Vertical Field Angle (10%)	58.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	160
Beam Efficiency	N.A.
Field Lumens	285
Field Efficiency	N.A.
Spill Lumens	16
Luminaire Lumens	301
Total Efficiency	N.A.
Total Luminaire Watts	8.57
Ballast Factor	1.00

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510717.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	1	85	0
75	30	75	0
65	77	65	1
55	122	55	3
47.5	152	47.5	4
42.5	172	42.5	7
37.5	189	37.5	10
33	204	33	31
29	217	29	118
25.5	228	25.5	150
22.5	236	22.5	175
19.5	242	19.5	207
17	247	17	231
15	251	15	245
13	254	13	259
11	257	11	271
9	260	9	284
7	261	7	304
5	263	5	332
3	264	3	306
1	263	1	277
0	263	0	263
-1	263	-1	251
-3	264	-3	229
-5	263	-5	208
-7	261	-7	190
-9	260	-9	175
-11	257	-11	161
-13	254	-13	150
-15	251	-15	142
-17	247	-17	136
-19.5	242	-19.5	130
-22.5	236	-22.5	109
-25.5	228	-25.5	36
-29	217	-29	12
-33	204	-33	10
-37.5	189	-37.5	8
-42.5	172	-42.5	6
-47.5	152	-47.5	4
-55	122	-55	1
-65	77	-65	0
-75	30	-75	0
-85	1	-85	0
-90	0	-90	0

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510717.IES

CANDELA TABULATION

Maximum Candela = 332

Beam Edge = 166 Cd (50% of Max.)

Field Edge = 33.2 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	1	1	1	1	1
55.0	0	0	0	1	1	2	2	2	2	2
47.5	0	0	0	2	3	3	3	3	4	4
42.5	0	0	1	4	4	5	5	5	6	6
37.5	0	1	4	8	11	10	9	9	9	9
33.0	0	1	7	17	27	32	31	31	28	29
29.0	0	1	11	29	49 *	66 *	74 *	83 *	91 *	100 *
25.5	0	1	15	40 *	68 *	90 *	104 *	114 *	122 *	128 *
22.5	0	1	18	48 *	82 *	105 *	121 *	133 *	141 *	149 *
19.5	0	1	21	56 *	93 *	120 *	138 *	152 *	164 *	174 *
17.0	0	1	22	63 *	103 *	132 *	151 *	167 *	181 *	192 *
15.0	0	1	23	68 *	110 *	141 *	161 *	178 *	192 *	204 *
13.0	0	1	24	74 *	120 *	150 *	171 *	189 *	203 *	216 *
11.0	0	1	25	79 *	130 *	158 *	181 *	200 *	214 *	227 *
9.0	0	1	26	80 *	140 *	171 *	191 *	213 *	228 *	239 *
7.0	0	1	27	80 *	149 *	183 *	203 *	225 *	246 *	258 *
5.0	0	1	28	79 *	142 *	188 *	215 *	234 *	251 *	271 *
3.0	0	1	29	79 *	135 *	175 *	202 *	228 *	249 *	262 *
1.0	0	1	30	78 *	126 *	160 *	182 *	202 *	219 *	233 *
0.0	0	1	30	77 *	122 *	152 *	172 *	189 *	204 *	217 *
-1.0	0	1	29	74 *	117 *	146 *	165 *	181 *	196 *	208 *
-3.0	0	1	27	68 *	107 *	133 *	151 *	166 *	179 *	191 *
-5.0	0	1	26	62 *	97 *	120 *	137 *	154 *	166 *	177 *
-7.0	0	1	24	56 *	87 *	112 *	129 *	143 *	154 *	164 *
-9.0	0	1	22	50 *	82 *	105 *	120 *	134 *	143 *	152 *
-11.0	0	1	20	44 *	78 *	99 *	113 *	124 *	133 *	140 *
-13.0	0	1	18	42 *	74 *	94 *	106 *	117 *	125 *	131 *
-15.0	0	1	15	40 *	70 *	89 *	100 *	110 *	117 *	122 *
-17.0	0	1	13	37 *	66 *	85 *	96 *	104 *	111 *	118 *
-19.5	0	1	11	33	60 *	76 *	90 *	99 *	105 *	111 *
-22.5	0	1	9	27	50 *	59 *	63 *	76 *	84 *	88 *
-25.5	0	0	7	18	30	33	28	32	36 *	37 *
-29.0	0	0	5	10	13	12	11	11	10	10
-33.0	0	0	3	4	5	7	7	8	8	8
-37.5	0	0	1	2	4	5	6	7	7	7
-42.5	0	0	0	2	3	4	4	5	5	6
-47.5	0	0	0	1	2	2	2	3	3	3
-55.0	0	0	0	0	1	1	1	1	1	1
-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

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510717.IES

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	1	1	1	1	1	1	1	1	1	1
55.0	2	3	3	2	2	3	3	3	3	3
47.5	4	4	4	4	5	5	5	5	5	5
42.5	7	6	7	7	6	6	7	7	7	7
37.5	9	10	10	10	10	10	10	10	10	10
33.0	32	33	31	32	32	30	32	34 *	33	31
29.0	104 *	104 *	110 *	109 *	115 *	113 *	114 *	119 *	120 *	119 *
25.5	134 *	137 *	139 *	141 *	144 *	145 *	147 *	148 *	149 *	150 *
22.5	155 *	160 *	163 *	165 *	167 *	170 *	171 *	173 *	174 *	175 *
19.5	181 *	187 *	191 *	195 *	197 *	200 *	202 *	203 *	205 *	207 *
17.0	200 *	207 *	212 *	216 *	219 *	222 *	224 *	226 *	228 *	229 *
15.0	213 *	220 *	225 *	231 *	233 *	236 *	239 *	242 *	242 *	244 *
13.0	225 *	232 *	238 *	243 *	247 *	250 *	253 *	255 *	257 *	257 *
11.0	237 *	244 *	249 *	254 *	258 *	262 *	264 *	266 *	268 *	269 *
9.0	250 *	256 *	261 *	266 *	269 *	273 *	276 *	277 *	281 *	280 *
7.0	268 *	276 *	282 *	287 *	291 *	295 *	297 *	301 *	301 *	305 *
5.0	286 *	292 *	302 *	308 *	311 *	316 *	320 *	323 *	322 *	323 *
3.0	272 *	281 *	289 *	295 *	298 *	302 *	305 *	307 *	308 *	308 *
1.0	244 *	251 *	258 *	262 *	267 *	270 *	273 *	276 *	278 *	278 *
0.0	228 *	236 *	242 *	247 *	251 *	254 *	257 *	260 *	261 *	263 *
-1.0	219 *	226 *	232 *	237 *	240 *	243 *	246 *	249 *	251 *	253 *
-3.0	200 *	207 *	213 *	217 *	220 *	223 *	226 *	227 *	228 *	229 *
-5.0	184 *	190 *	195 *	199 *	202 *	204 *	206 *	207 *	208 *	209 *
-7.0	171 *	175 *	179 *	182 *	184 *	186 *	189 *	190 *	190 *	191 *
-9.0	157 *	161 *	164 *	167 *	169 *	170 *	172 *	173 *	174 *	174 *
-11.0	145 *	149 *	151 *	154 *	156 *	157 *	158 *	159 *	161 *	160 *
-13.0	135 *	139 *	141 *	144 *	145 *	147 *	148 *	149 *	149 *	150 *
-15.0	128 *	131 *	133 *	136 *	137 *	138 *	140 *	140 *	141 *	141 *
-17.0	122 *	124 *	128 *	130 *	131 *	132 *	133 *	135 *	135 *	136 *
-19.5	116 *	120 *	122 *	123 *	125 *	126 *	128 *	129 *	128 *	129 *
-22.5	90 *	92 *	96 *	100 *	101 *	99 *	107 *	102 *	100 *	104 *
-25.5	37 *	37 *	38 *	35 *	39 *	39 *	34 *	39 *	40 *	39 *
-29.0	10	11	11	11	11	11	11	11	12	12
-33.0	9	9	9	9	9	9	9	9	10	10
-37.5	7	8	7	8	8	8	8	8	8	8
-42.5	6	6	6	6	6	6	7	6	6	6
-47.5	4	3	4	4	3	3	4	4	4	4
-55.0	1	1	1	1	1	2	1	1	1	1
-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	1	1	1	1	1	1	1	1	1	1

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510717.IES

CANDELA TABULATION - (Cont.)

55.0	3	3	3	3	3	3	3	3	3	3
47.5	5	4	4	4	5	5	5	5	5	5
42.5	7	7	7	7	7	7	7	7	7	6
37.5	10	10	10	10	10	10	10	10	10	10
33.0	31	31	31	31	31	31	33	34 *	32	30
29.0	119 *	118 *	118 *	118 *	119 *	119 *	120 *	119 *	114 *	113 *
25.5	150 *	150 *	150 *	150 *	150 *	150 *	149 *	148 *	147 *	145 *
22.5	175 *	175 *	175 *	175 *	175 *	175 *	174 *	173 *	171 *	170 *
19.5	206 *	207 *	207 *	207 *	206 *	207 *	205 *	203 *	202 *	200 *
17.0	230 *	231 *	231 *	231 *	230 *	229 *	228 *	226 *	224 *	222 *
15.0	244 *	246 *	245 *	246 *	244 *	244 *	242 *	242 *	239 *	236 *
13.0	258 *	259 *	259 *	259 *	258 *	257 *	257 *	255 *	253 *	250 *
11.0	270 *	271 *	271 *	271 *	270 *	269 *	268 *	266 *	264 *	262 *
9.0	283 *	285 *	284 *	285 *	283 *	280 *	281 *	277 *	276 *	273 *
7.0	305 *	304 *	304 *	304 *	305 *	305 *	301 *	301 *	297 *	295 *
5.0	321 *	330 *	332 *	330 *	321 *	323 *	322 *	323 *	320 *	316 *
3.0	308 *	304 *	306 *	304 *	308 *	308 *	308 *	307 *	305 *	302 *
1.0	278 *	277 *	277 *	277 *	278 *	278 *	278 *	276 *	273 *	270 *
0.0	264 *	263 *	263 *	263 *	264 *	263 *	261 *	260 *	257 *	254 *
-1.0	251 *	251 *	251 *	251 *	251 *	253 *	251 *	249 *	246 *	243 *
-3.0	229 *	228 *	229 *	228 *	229 *	229 *	228 *	227 *	226 *	223 *
-5.0	208 *	209 *	208 *	209 *	208 *	209 *	208 *	207 *	206 *	204 *
-7.0	191 *	191 *	190 *	191 *	191 *	191 *	190 *	190 *	189 *	186 *
-9.0	174 *	175 *	175 *	175 *	174 *	174 *	174 *	173 *	172 *	170 *
-11.0	161 *	161 *	161 *	161 *	161 *	160 *	161 *	159 *	158 *	157 *
-13.0	150 *	151 *	150 *	151 *	150 *	150 *	149 *	149 *	148 *	147 *
-15.0	142 *	142 *	142 *	142 *	142 *	141 *	141 *	140 *	140 *	138 *
-17.0	136 *	136 *	136 *	136 *	136 *	136 *	135 *	135 *	133 *	132 *
-19.5	131 *	131 *	130 *	131 *	131 *	129 *	128 *	129 *	128 *	126 *
-22.5	108 *	110 *	109 *	110 *	108 *	104 *	100 *	102 *	107 *	99 *
-25.5	37 *	36 *	36 *	36 *	37 *	39 *	40 *	39 *	34 *	39 *
-29.0	12	12	12	12	12	12	12	11	11	11
-33.0	10	10	10	10	10	10	10	9	9	9
-37.5	8	8	8	8	8	8	8	8	8	8
-42.5	6	6	6	6	6	6	6	6	7	6
-47.5	4	4	4	4	4	4	4	4	4	3
-55.0	1	1	1	1	1	1	1	1	1	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. 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	0	0	0	0	0	0	0	0	0	0
65.0	1	1	1	1	1	1	1	1	1	1
55.0	2	2	3	3	2	2	2	2	2	2
47.5	5	4	4	4	4	4	4	3	3	3
42.5	6	7	7	6	7	6	6	5	5	5
37.5	10	10	10	10	9	9	9	9	9	10
33.0	32	32	31	33	32	29	28	31	31	32
29.0	115 *	109 *	110 *	104 *	104 *	100 *	91 *	83 *	74 *	66 *
25.5	144 *	141 *	139 *	137 *	134 *	128 *	122 *	114 *	104 *	90 *

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510717.IES

CANDELA TABULATION - (Cont.)

22.5	167 *	165 *	163 *	160 *	155 *	149 *	141 *	133 *	121 *	105 *
19.5	197 *	195 *	191 *	187 *	181 *	174 *	164 *	152 *	138 *	120 *
17.0	219 *	216 *	212 *	207 *	200 *	192 *	181 *	167 *	151 *	132 *
15.0	233 *	231 *	225 *	220 *	213 *	204 *	192 *	178 *	161 *	141 *
13.0	247 *	243 *	238 *	232 *	225 *	216 *	203 *	189 *	171 *	150 *
11.0	258 *	254 *	249 *	244 *	237 *	227 *	214 *	200 *	181 *	158 *
9.0	269 *	266 *	261 *	256 *	250 *	239 *	228 *	213 *	191 *	171 *
7.0	291 *	287 *	282 *	276 *	268 *	258 *	246 *	225 *	203 *	183 *
5.0	311 *	308 *	302 *	292 *	286 *	271 *	251 *	234 *	215 *	188 *
3.0	298 *	295 *	289 *	281 *	272 *	262 *	249 *	228 *	202 *	175 *
1.0	267 *	262 *	258 *	251 *	244 *	233 *	219 *	202 *	182 *	160 *
0.0	251 *	247 *	242 *	236 *	228 *	217 *	204 *	189 *	172 *	152 *
-1.0	240 *	237 *	232 *	226 *	219 *	208 *	196 *	181 *	165 *	146 *
-3.0	220 *	217 *	213 *	207 *	200 *	191 *	179 *	166 *	151 *	133 *
-5.0	202 *	199 *	195 *	190 *	184 *	177 *	166 *	154 *	137 *	120 *
-7.0	184 *	182 *	179 *	175 *	171 *	164 *	154 *	143 *	129 *	112 *
-9.0	169 *	167 *	164 *	161 *	157 *	152 *	143 *	134 *	120 *	105 *
-11.0	156 *	154 *	151 *	149 *	145 *	140 *	133 *	124 *	113 *	99 *
-13.0	145 *	144 *	141 *	139 *	135 *	131 *	125 *	117 *	106 *	94 *
-15.0	137 *	136 *	133 *	131 *	128 *	122 *	117 *	110 *	100 *	89 *
-17.0	131 *	130 *	128 *	124 *	122 *	118 *	111 *	104 *	96 *	85 *
-19.5	125 *	123 *	122 *	120 *	116 *	111 *	105 *	99 *	90 *	76 *
-22.5	101 *	100 *	96 *	92 *	90 *	88 *	84 *	76 *	63 *	59 *
-25.5	39 *	35 *	38 *	37 *	37 *	37 *	36 *	32	28	33
-29.0	11	11	11	11	10	10	10	11	11	12
-33.0	9	9	9	9	9	8	8	8	7	7
-37.5	8	8	7	8	7	7	7	7	6	5
-42.5	6	6	6	6	6	6	5	5	4	4
-47.5	3	4	4	3	4	3	3	3	2	2
-55.0	1	1	1	1	1	1	1	1	1	1
-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**

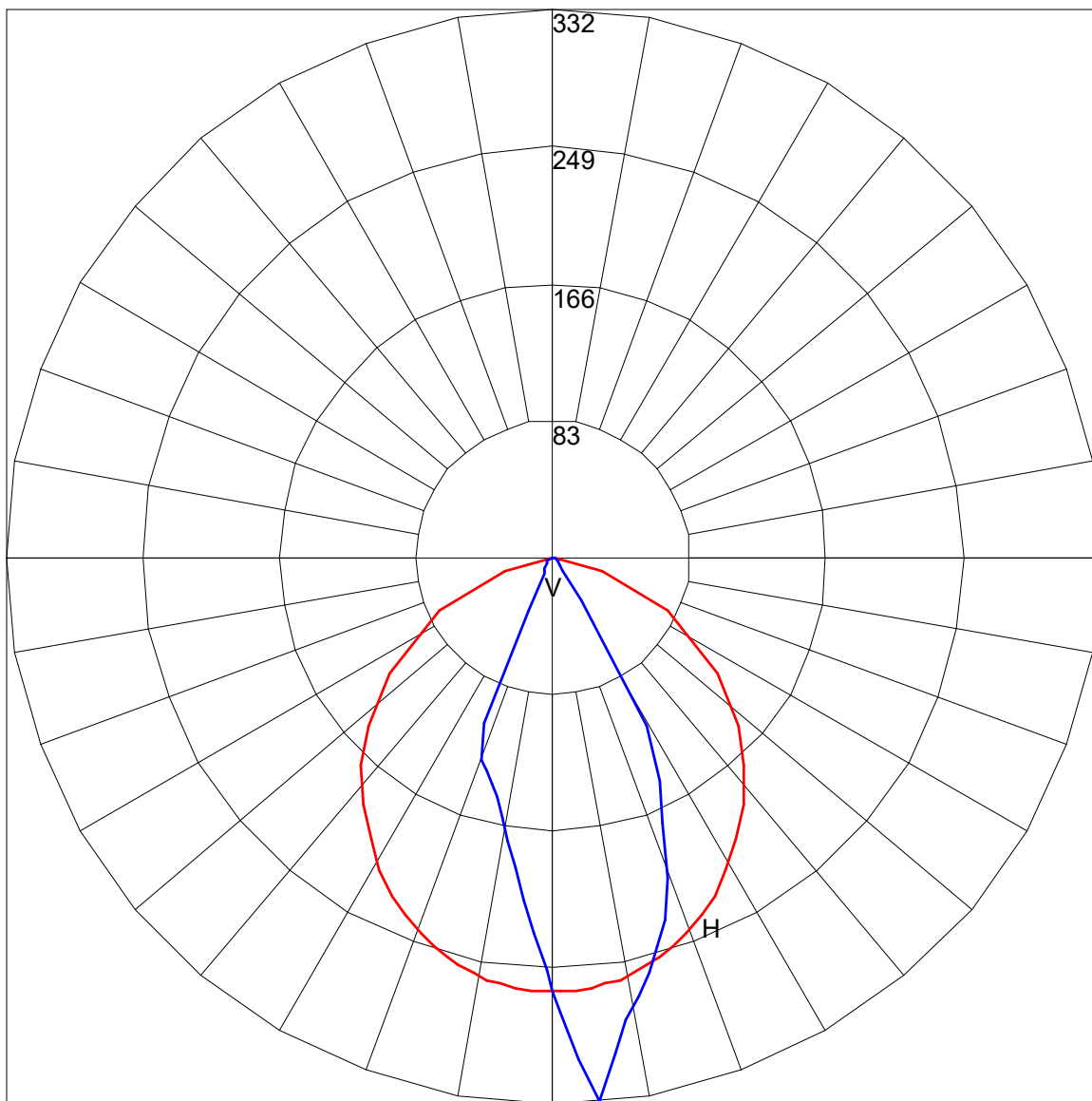
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	0	0	0	0	0
65.0	0	0	0	0	0
55.0	1	1	0	0	0
47.5	3	2	0	0	0
42.5	4	4	1	0	0
37.5	11	8	4	1	0
33.0	27	17	7	1	0
29.0	49 *	29	11	1	0
25.5	68 *	40 *	15	1	0
22.5	82 *	48 *	18	1	0
19.5	93 *	56 *	21	1	0
17.0	103 *	63 *	22	1	0
15.0	110 *	68 *	23	1	0
13.0	120 *	74 *	24	1	0
11.0	130 *	79 *	25	1	0
9.0	140 *	80 *	26	1	0

IES FLOOD REPORT
PHOTOMETRIC FILENAME : L052510717.IES

CANDELA TABULATION - (Cont.)

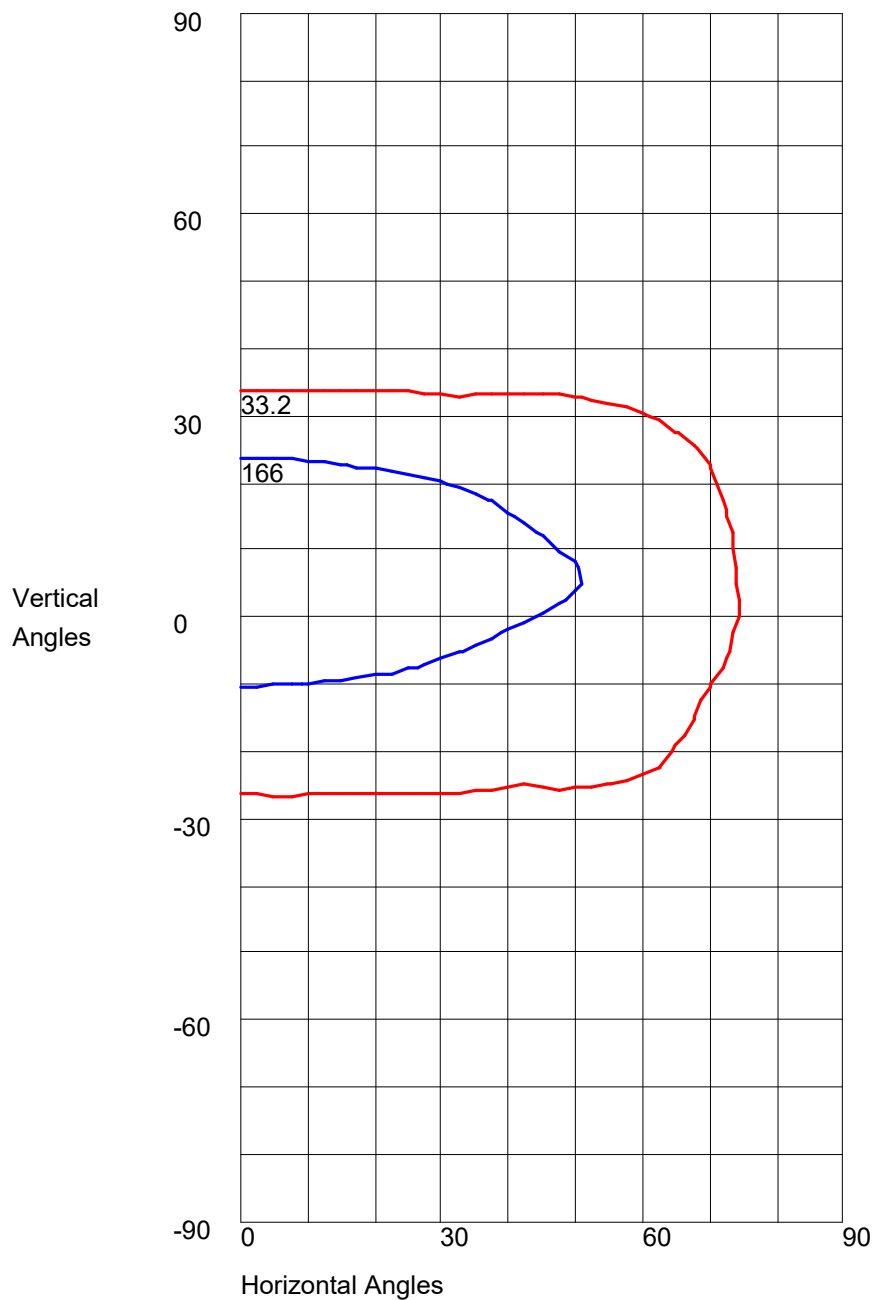
7.0	149 *	80 *	27	1	0
5.0	142 *	79 *	28	1	0
3.0	135 *	79 *	29	1	0
1.0	126 *	78 *	30	1	0
0.0	122 *	77 *	30	1	0
-1.0	117 *	74 *	29	1	0
-3.0	107 *	68 *	27	1	0
-5.0	97 *	62 *	26	1	0
-7.0	87 *	56 *	24	1	0
-9.0	82 *	50 *	22	1	0
-11.0	78 *	44 *	20	1	0
-13.0	74 *	42 *	18	1	0
-15.0	70 *	40 *	15	1	0
-17.0	66 *	37 *	13	1	0
-19.5	60 *	33	11	1	0
-22.5	50 *	27	9	1	0
-25.5	30	18	7	0	0
-29.0	13	10	5	0	0
-33.0	5	4	3	0	0
-37.5	4	2	1	0	0
-42.5	3	2	0	0	0
-47.5	2	1	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 = 332 Located At Horizontal Angle = 0, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 332 Located At Horizontal Angle = 0, Vertical Angle = 5
50% Maximum Candela = 166
10% Maximum Candela = 33.2