



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

Photometric Test Report

IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510719.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L052510719

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

[ISSUE DATE] 6/5/2025

[MANUFAC] Vista Professional Outdoor Lighting

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

[LUMINAIRE] 1051 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	205
Maximum Candela Angle	-1H 5V
Horizontal Beam Angle (50%)	101.3
Vertical Beam Angle (50%)	36.5
Horizontal Field Angle (10%)	151.4
Vertical Field Angle (10%)	59.8
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	108
Beam Efficiency	N.A.
Field Lumens	182
Field Efficiency	N.A.
Spill Lumens	9
Luminaire Lumens	191
Total Efficiency	N.A.
Total Luminaire Watts	11.73
Ballast Factor	1.00

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AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	0	85	0
75	24	75	0
65	52	65	0
55	78	55	1
47.5	96	47.5	3
42.5	109	42.5	4
37.5	119	37.5	6
33	128	33	22
29	137	29	75
25.5	143	25.5	98
22.5	148	22.5	115
19.5	153	19.5	135
17	156	17	149
15	158	15	159
13	160	13	167
11	162	11	173
9	163	9	182
7	164	7	193
5	165	5	205
3	166	3	190
1	165	1	173
0	165	0	165
-1	165	-1	158
-3	166	-3	145
-5	165	-5	133
-7	164	-7	123
-9	163	-9	114
-11	162	-11	105
-13	160	-13	99
-15	158	-15	94
-17	156	-17	89
-19.5	153	-19.5	86
-22.5	148	-22.5	71
-25.5	143	-25.5	24
-29	137	-29	7
-33	128	-33	6
-37.5	119	-37.5	5
-42.5	109	-42.5	4
-47.5	96	-47.5	2
-55	78	-55	0
-65	52	-65	0
-75	24	-75	0
-85	0	-85	0
-90	0	-90	0

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CANDELA TABULATION

Maximum Candela = 205

Beam Edge = 102.5 Cd (50% of Max.)

Field Edge = 20.5 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	1	1	1	1
47.5	0	0	0	1	1	1	2	2	2	2
42.5	0	0	0	2	2	3	3	3	3	3
37.5	0	0	2	4	6	5	6	6	5	6
33.0	0	0	4	9	15	18	18	19	17	18
29.0	0	0	6	16	28 *	39 *	45 *	51 *	57 *	63 *
25.5	0	0	9	23 *	42 *	56 *	66 *	73 *	78 *	83 *
22.5	0	0	11	29 *	51 *	67 *	76 *	85 *	91 *	96 *
19.5	0	0	13	34 *	58 *	76 *	87 *	97 *	105 *	111 *
17.0	0	0	14	38 *	63 *	83 *	95 *	106 *	115 *	123 *
15.0	0	0	15	41 *	67 *	88 *	101 *	112 *	122 *	131 *
13.0	0	0	17	44 *	72 *	93 *	107 *	118 *	128 *	137 *
11.0	0	0	18	47 *	78 *	98 *	112 *	125 *	134 *	143 *
9.0	0	0	19	48 *	83 *	105 *	118 *	132 *	142 *	150 *
7.0	0	0	20	49 *	88 *	112 *	126 *	139 *	152 *	161 *
5.0	0	0	22 *	50 *	85 *	115 *	135 *	146 *	156 *	167 *
3.0	0	0	23 *	51 *	83 *	108 *	127 *	143 *	155 *	163 *
1.0	0	0	24 *	52 *	80 *	100 *	115 *	127 *	137 *	146 *
0.0	0	0	24 *	52 *	78 *	96 *	109 *	119 *	128 *	137 *
-1.0	0	0	23 *	50 *	75 *	92 *	104 *	114 *	123 *	131 *
-3.0	0	0	21 *	46 *	68 *	84 *	95 *	105 *	113 *	120 *
-5.0	0	0	20	41 *	62 *	76 *	87 *	97 *	105 *	112 *
-7.0	0	0	18	37 *	55 *	71 *	82 *	91 *	98 *	105 *
-9.0	0	0	16	33 *	52 *	67 *	77 *	85 *	92 *	97 *
-11.0	0	0	14	29 *	49 *	63 *	72 *	80 *	86 *	91 *
-13.0	0	0	12	27 *	47 *	60 *	68 *	75 *	81 *	85 *
-15.0	0	0	10	26 *	44 *	57 *	64 *	71 *	76 *	80 *
-17.0	0	0	8	24 *	41 *	54 *	62 *	67 *	73 *	77 *
-19.5	0	0	6	22 *	38 *	49 *	58 *	64 *	69 *	73 *
-22.5	0	0	5	18	33 *	39 *	42 *	50 *	56 *	58 *
-25.5	0	0	4	13	20	22 *	20	22 *	24 *	26 *
-29.0	0	0	3	7	8	8	7	7	6	6
-33.0	0	0	1	3	3	4	4	4	5	5
-37.5	0	0	0	1	2	3	3	4	4	4
-42.5	0	0	0	1	1	2	2	2	3	3
-47.5	0	0	0	0	1	1	1	1	2	2
-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	1	1	1	1	1	2	1	1	1	1
47.5	3	2	3	3	2	2	3	3	3	3
42.5	4	3	4	4	4	4	4	4	4	4
37.5	6	6	6	6	6	6	6	7	7	7
33.0	20	21 *	20	20	21 *	20	21 *	22 *	21 *	20
29.0	66 *	66 *	69 *	70 *	74 *	73 *	73 *	76 *	78 *	76 *
25.5	86 *	89 *	91 *	92 *	94 *	95 *	96 *	97 *	98 *	98 *
22.5	100 *	103 *	106 *	108 *	109 *	111 *	112 *	113 *	114 *	115 *
19.5	117 *	120 *	124 *	126 *	128 *	130 *	131 *	132 *	134 *	135 *
17.0	129 *	133 *	137 *	139 *	142 *	144 *	145 *	147 *	148 *	149 *
15.0	137 *	141 *	145 *	149 *	151 *	153 *	154 *	156 *	157 *	158 *
13.0	144 *	149 *	153 *	156 *	159 *	161 *	162 *	163 *	165 *	166 *
11.0	150 *	154 *	159 *	161 *	164 *	167 *	169 *	170 *	171 *	172 *
9.0	157 *	161 *	166 *	168 *	170 *	173 *	176 *	176 *	179 *	179 *
7.0	168 *	174 *	177 *	181 *	184 *	187 *	189 *	190 *	191 *	193 *
5.0	178 *	182 *	188 *	192 *	194 *	197 *	199 *	201 *	200 *	202 *
3.0	169 *	174 *	179 *	183 *	185 *	188 *	189 *	191 *	191 *	192 *
1.0	152 *	157 *	162 *	165 *	167 *	169 *	171 *	173 *	174 *	175 *
0.0	143 *	148 *	153 *	156 *	158 *	160 *	162 *	163 *	164 *	165 *
-1.0	137 *	142 *	146 *	149 *	151 *	153 *	155 *	157 *	158 *	159 *
-3.0	127 *	131 *	135 *	138 *	140 *	142 *	143 *	144 *	145 *	145 *
-5.0	117 *	121 *	125 *	127 *	129 *	130 *	131 *	133 *	133 *	134 *
-7.0	109 *	112 *	115 *	117 *	119 *	120 *	121 *	122 *	123 *	123 *
-9.0	101 *	104 *	106 *	108 *	109 *	110 *	112 *	113 *	113 *	113 *
-11.0	94 *	97 *	99 *	100 *	101 *	103 *	104 *	104 *	105 *	105 *
-13.0	88 *	91 *	92 *	93 *	95 *	96 *	97 *	98 *	98 *	98 *
-15.0	84 *	86 *	87 *	88 *	89 *	91 *	92 *	92 *	93 *	93 *
-17.0	80 *	81 *	83 *	84 *	86 *	87 *	87 *	88 *	89 *	89 *
-19.5	75 *	78 *	80 *	80 *	82 *	83 *	83 *	84 *	85 *	85 *
-22.5	59 *	60 *	64 *	65 *	65 *	65 *	70 *	67 *	66 *	68 *
-25.5	25 *	25 *	25 *	24 *	25 *	26 *	24 *	26 *	26 *	25 *
-29.0	6	7	7	7	6	7	7	7	7	7
-33.0	5	5	6	6	6	6	6	6	6	6
-37.5	4	4	4	4	4	4	4	5	5	5
-42.5	3	3	3	3	3	3	4	3	3	3
-47.5	2	2	2	2	2	2	2	2	2	2
-55.0	0	0	0	0	0	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	1	1	1	1	1	1	1	1	1	2
47.5	3	3	3	3	3	3	3	3	3	2
42.5	4	4	4	4	4	4	4	4	4	4
37.5	7	6	6	6	7	7	7	7	6	6
33.0	21 *	22 *	22 *	22 *	21 *	20	21 *	22 *	21 *	20
29.0	76 *	76 *	75 *	76 *	76 *	76 *	78 *	76 *	73 *	73 *
25.5	98 *	98 *	98 *	98 *	98 *	98 *	98 *	97 *	96 *	95 *
22.5	115 *	115 *	115 *	115 *	115 *	115 *	114 *	113 *	112 *	111 *
19.5	134 *	135 *	135 *	135 *	134 *	135 *	134 *	132 *	131 *	130 *
17.0	149 *	149 *	149 *	149 *	149 *	149 *	148 *	147 *	145 *	144 *
15.0	159 *	159 *	159 *	159 *	159 *	158 *	157 *	156 *	154 *	153 *
13.0	166 *	167 *	167 *	167 *	166 *	166 *	165 *	163 *	162 *	161 *
11.0	173 *	173 *	173 *	173 *	173 *	172 *	171 *	170 *	169 *	167 *
9.0	180 *	181 *	182 *	181 *	180 *	179 *	179 *	176 *	176 *	173 *
7.0	194 *	193 *	193 *	193 *	194 *	193 *	191 *	190 *	189 *	187 *
5.0	200 *	205 *	205 *	205 *	200 *	202 *	200 *	201 *	199 *	197 *
3.0	190 *	190 *	190 *	190 *	190 *	192 *	191 *	191 *	189 *	188 *
1.0	175 *	173 *	173 *	173 *	175 *	175 *	174 *	173 *	171 *	169 *
0.0	166 *	165 *	165 *	165 *	166 *	165 *	164 *	163 *	162 *	160 *
-1.0	159 *	158 *	158 *	158 *	159 *	159 *	158 *	157 *	155 *	153 *
-3.0	145 *	145 *	145 *	145 *	145 *	145 *	145 *	144 *	143 *	142 *
-5.0	133 *	134 *	133 *	134 *	133 *	134 *	133 *	133 *	131 *	130 *
-7.0	123 *	123 *	123 *	123 *	123 *	123 *	123 *	122 *	121 *	120 *
-9.0	113 *	114 *	114 *	114 *	113 *	113 *	113 *	113 *	112 *	110 *
-11.0	105 *	105 *	105 *	105 *	105 *	105 *	105 *	104 *	104 *	103 *
-13.0	99 *	99 *	99 *	99 *	99 *	98 *	98 *	98 *	97 *	96 *
-15.0	93 *	94 *	94 *	94 *	93 *	93 *	93 *	92 *	92 *	91 *
-17.0	89 *	89 *	89 *	89 *	89 *	89 *	89 *	88 *	87 *	87 *
-19.5	85 *	86 *	86 *	86 *	85 *	85 *	85 *	84 *	83 *	83 *
-22.5	70 *	72 *	71 *	72 *	70 *	68 *	66 *	67 *	70 *	65 *
-25.5	26 *	25 *	24 *	25 *	26 *	25 *	26 *	26 *	24 *	26 *
-29.0	7	7	7	7	7	7	7	7	7	7
-33.0	6	6	6	6	6	6	6	6	6	6
-37.5	5	5	5	5	5	5	5	5	4	4
-42.5	3	4	4	4	3	3	3	3	4	3
-47.5	2	2	2	2	2	2	2	2	2	2
-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. 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	0	0	0	0	0	0	0	0	0	0
55.0	1	1	1	1	1	1	1	1	1	1
47.5	2	3	3	2	3	2	2	2	2	1
42.5	4	4	4	3	4	3	3	3	3	3
37.5	6	6	6	6	6	6	5	6	6	5
33.0	21 *	20	20	21 *	20	18	17	19	18	18
29.0	74 *	70 *	69 *	66 *	66 *	63 *	57 *	51 *	45 *	39 *
25.5	94 *	92 *	91 *	89 *	86 *	83 *	78 *	73 *	66 *	56 *

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CANDELA TABULATION - (Cont.)

22.5	109 *	108 *	106 *	103 *	100 *	96 *	91 *	85 *	76 *	67 *
19.5	128 *	126 *	124 *	120 *	117 *	111 *	105 *	97 *	87 *	76 *
17.0	142 *	139 *	137 *	133 *	129 *	123 *	115 *	106 *	95 *	83 *
15.0	151 *	149 *	145 *	141 *	137 *	131 *	122 *	112 *	101 *	88 *
13.0	159 *	156 *	153 *	149 *	144 *	137 *	128 *	118 *	107 *	93 *
11.0	164 *	161 *	159 *	154 *	150 *	143 *	134 *	125 *	112 *	98 *
9.0	170 *	168 *	166 *	161 *	157 *	150 *	142 *	132 *	118 *	105 *
7.0	184 *	181 *	177 *	174 *	168 *	161 *	152 *	139 *	126 *	112 *
5.0	194 *	192 *	188 *	182 *	178 *	167 *	156 *	146 *	135 *	115 *
3.0	185 *	183 *	179 *	174 *	169 *	163 *	155 *	143 *	127 *	108 *
1.0	167 *	165 *	162 *	157 *	152 *	146 *	137 *	127 *	115 *	100 *
0.0	158 *	156 *	153 *	148 *	143 *	137 *	128 *	119 *	109 *	96 *
-1.0	151 *	149 *	146 *	142 *	137 *	131 *	123 *	114 *	104 *	92 *
-3.0	140 *	138 *	135 *	131 *	127 *	120 *	113 *	105 *	95 *	84 *
-5.0	129 *	127 *	125 *	121 *	117 *	112 *	105 *	97 *	87 *	76 *
-7.0	119 *	117 *	115 *	112 *	109 *	105 *	98 *	91 *	82 *	71 *
-9.0	109 *	108 *	106 *	104 *	101 *	97 *	92 *	85 *	77 *	67 *
-11.0	101 *	100 *	99 *	97 *	94 *	91 *	86 *	80 *	72 *	63 *
-13.0	95 *	93 *	92 *	91 *	88 *	85 *	81 *	75 *	68 *	60 *
-15.0	89 *	88 *	87 *	86 *	84 *	80 *	76 *	71 *	64 *	57 *
-17.0	86 *	84 *	83 *	81 *	80 *	77 *	73 *	67 *	62 *	54 *
-19.5	82 *	80 *	80 *	78 *	75 *	73 *	69 *	64 *	58 *	49 *
-22.5	65 *	65 *	64 *	60 *	59 *	58 *	56 *	50 *	42 *	39 *
-25.5	25 *	24 *	25 *	25 *	25 *	26 *	24 *	22 *	20	22 *
-29.0	6	7	7	7	6	6	6	7	7	8
-33.0	6	6	6	5	5	5	5	4	4	4
-37.5	4	4	4	4	4	4	4	4	3	3
-42.5	3	3	3	3	3	3	3	2	2	2
-47.5	2	2	2	2	2	2	2	1	1	1
-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

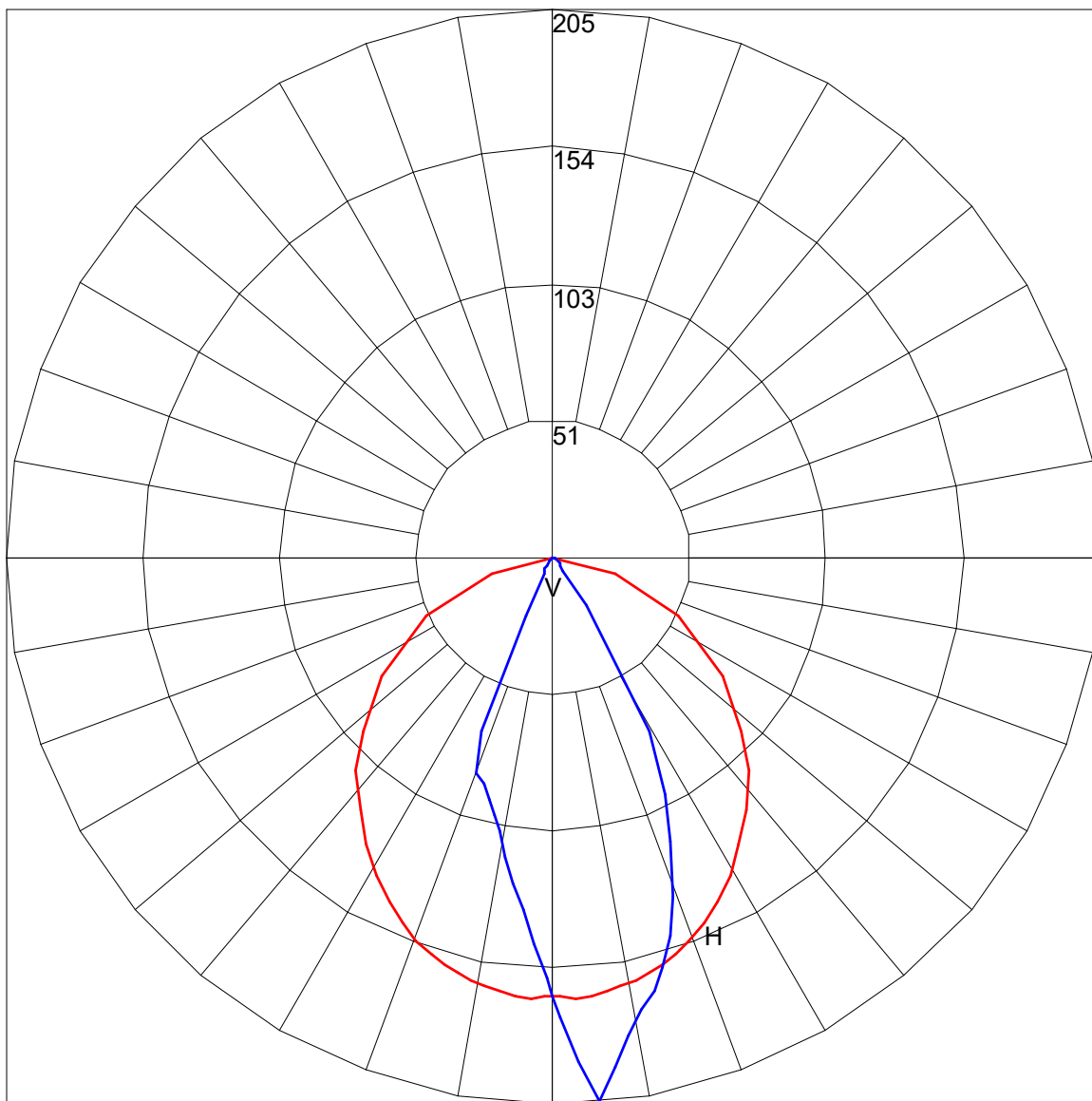
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	0	0	0	0	0
65.0	0	0	0	0	0
55.0	0	0	0	0	0
47.5	1	1	0	0	0
42.5	2	2	0	0	0
37.5	6	4	2	0	0
33.0	15	9	4	0	0
29.0	28 *	16	6	0	0
25.5	42 *	23 *	9	0	0
22.5	51 *	29 *	11	0	0
19.5	58 *	34 *	13	0	0
17.0	63 *	38 *	14	0	0
15.0	67 *	41 *	15	0	0
13.0	72 *	44 *	17	0	0
11.0	78 *	47 *	18	0	0
9.0	83 *	48 *	19	0	0

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CANDELA TABULATION - (Cont.)

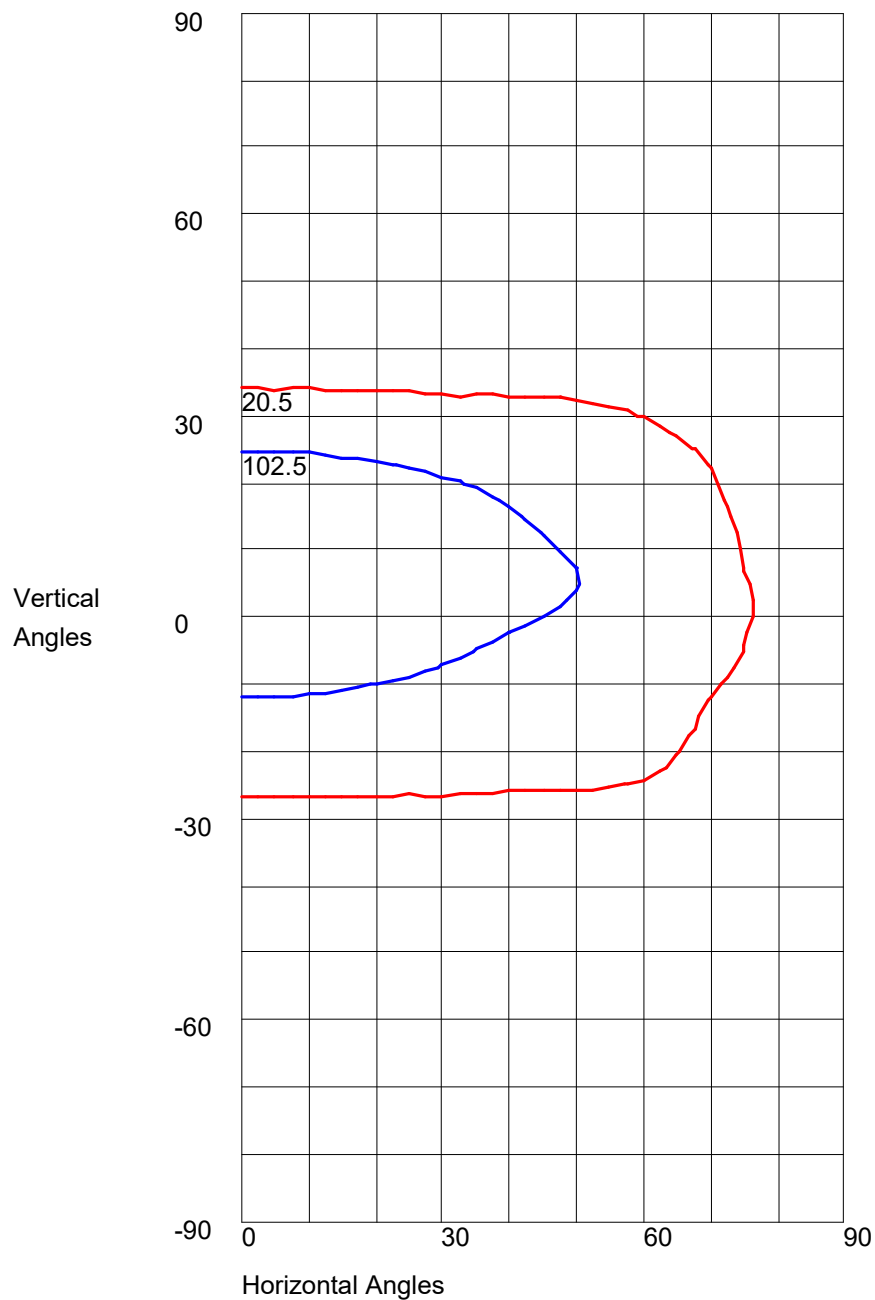
7.0	88 *	49 *	20	0	0
5.0	85 *	50 *	22 *	0	0
3.0	83 *	51 *	23 *	0	0
1.0	80 *	52 *	24 *	0	0
0.0	78 *	52 *	24 *	0	0
-1.0	75 *	50 *	23 *	0	0
-3.0	68 *	46 *	21 *	0	0
-5.0	62 *	41 *	20	0	0
-7.0	55 *	37 *	18	0	0
-9.0	52 *	33 *	16	0	0
-11.0	49 *	29 *	14	0	0
-13.0	47 *	27 *	12	0	0
-15.0	44 *	26 *	10	0	0
-17.0	41 *	24 *	8	0	0
-19.5	38 *	22 *	6	0	0
-22.5	33 *	18	5	0	0
-25.5	20	13	4	0	0
-29.0	8	7	3	0	0
-33.0	3	3	1	0	0
-37.5	2	1	0	0	0
-42.5	1	1	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 = 205 Located At Horizontal Angle = -1, Vertical Angle = 5
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 205 Located At Horizontal Angle = -1, Vertical Angle = 5
50% Maximum Candela = 102.5
10% Maximum Candela = 20.5