

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMIERE

Report Number: G2-2410-241-1-SQ

Luminaire Tested: **1237-SQ-##-#-12LEDG2-120/12-CS**

Test Date: 2024-10-09

Test Information

Test Method: LM-79-08
Report Number: G2-2410-241-1-SQ
Test Lab: Cooper Lighting Solutions
Test Date: 2024-10-09
Issue Date: 10/9/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1237-SQ-##-#-12LEDG2-120/12-CS
Description: Rio 1237, open face, frosted lens
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 396.1 lumens
Efficiency: N/A
Efficacy: 44.8 lumens/watt
Luminous Opening: Vertical Circle Facing Photometric Horizontal (Dia: 0.46')
IES Classification: Type - Short
BUG Rating: B0 - U3 - G1

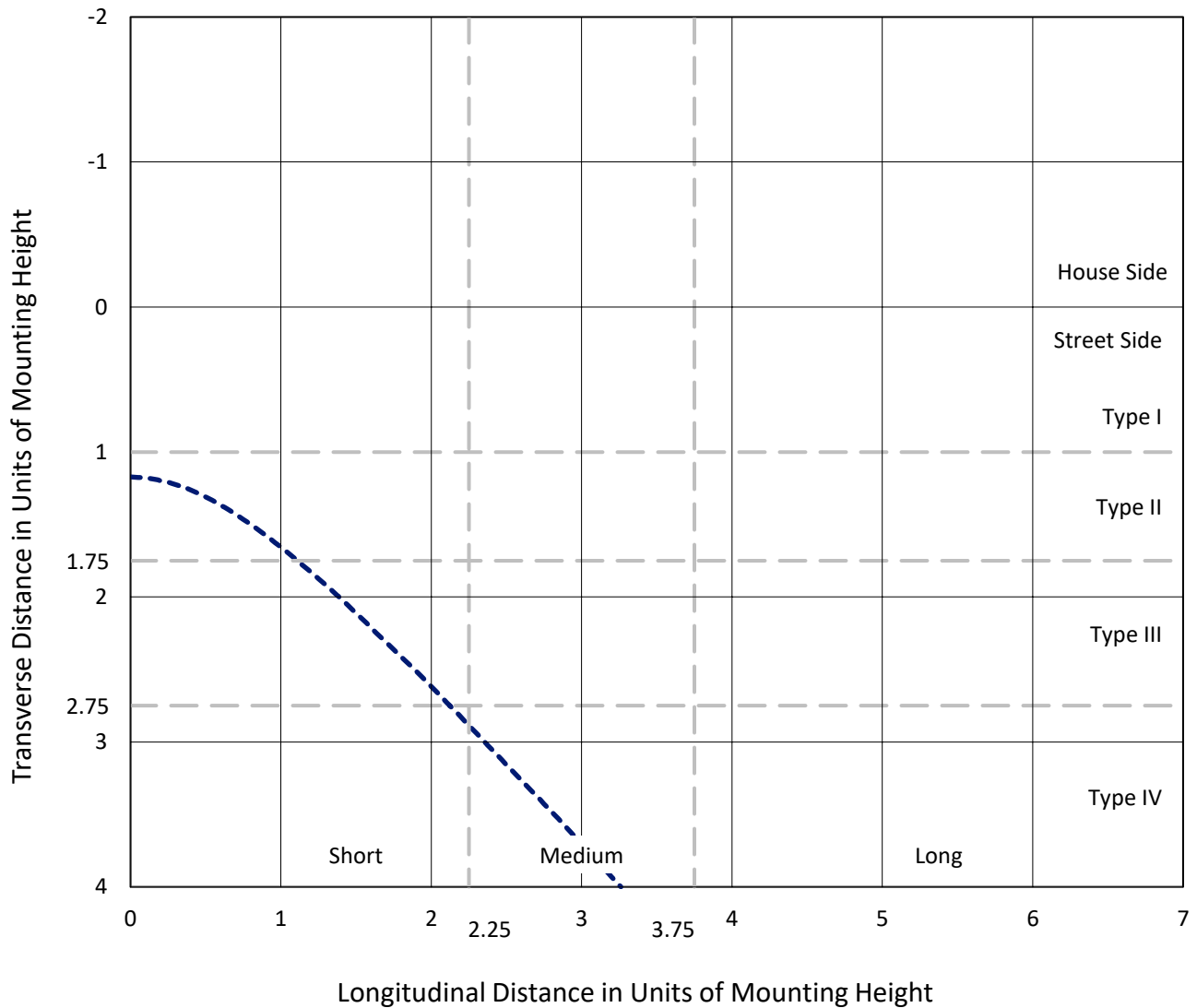
Input Watts (W): 8.84
Input Voltage (V): 120.0
Input Current (Ain): 0.0747
Voltage Rise (V): NR
Power Factor: 0.9862
Total Harmonic Distortion (THDi): 12.3%
Frequency (hertz): 60
Stabilization Time: 0.333 HR
Operation Time: 3 HR
Ambient Temperature (°C): 24.5
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

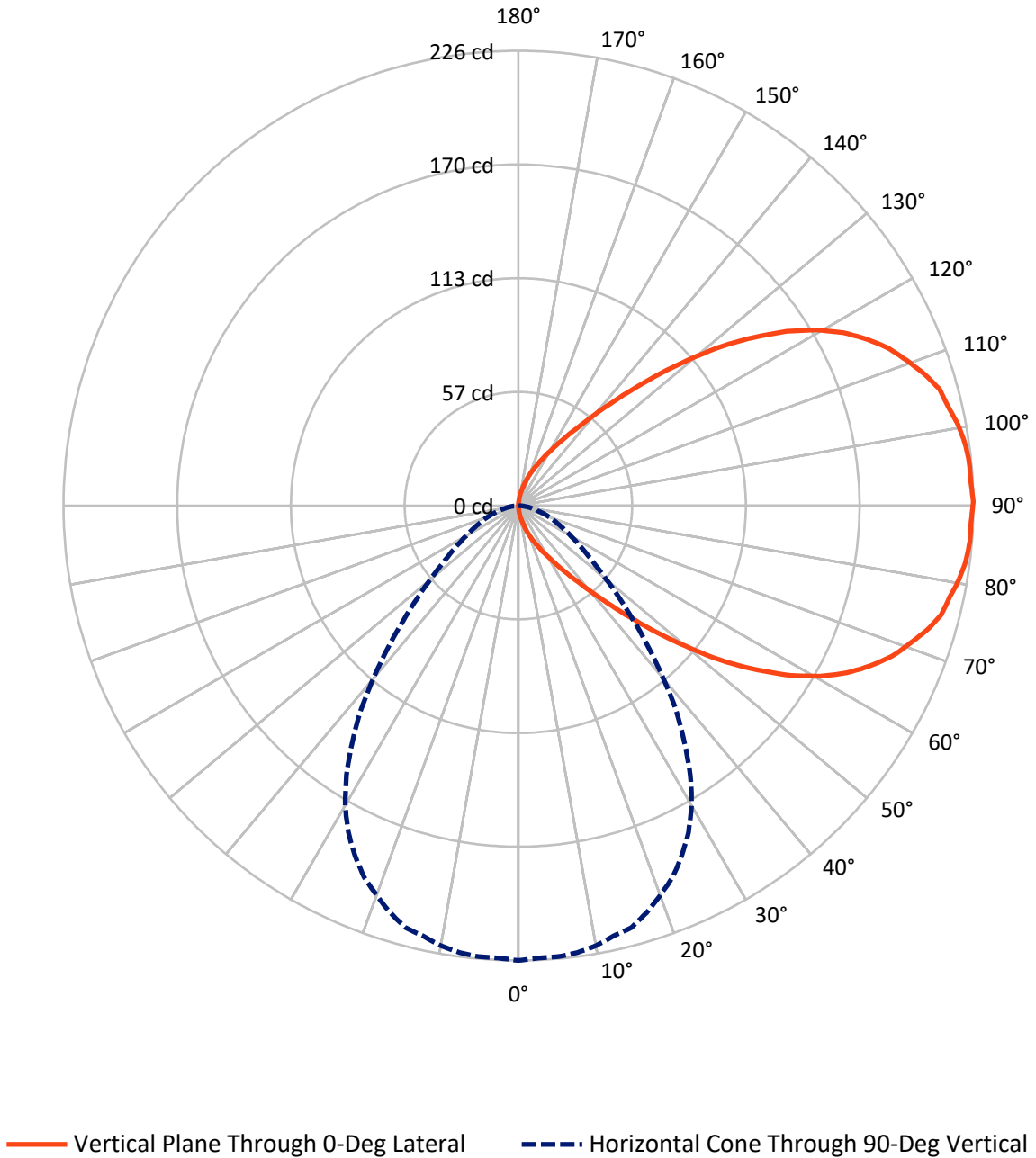
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 0 fc
 Type - Short - N/A

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Luminous Intensity Polar Plot



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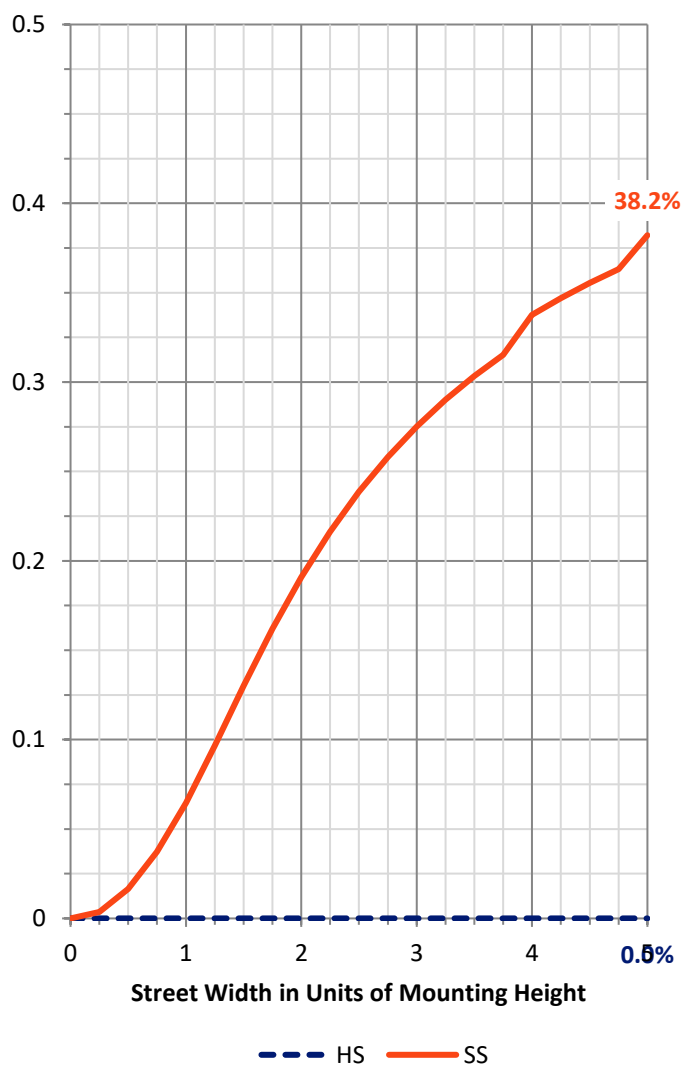
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	0.0	0.0	0.0
	% Fixture	0.0	0.0	0.0
Street Side	Lumens	198.1	198.1	396.1
	% Fixture	50.0	50.0	100.0
Total	Lumens	198.1	198.1	396.1
	% Fixture	50.0	50.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.1	0.0
10°-20°	0.9	0.2
20°-30°	2.9	0.7
30°-40°	6.7	1.7
40°-50°	14.1	3.6
50°-60°	26.5	6.7
60°-70°	40.2	10.1
70°-80°	50.6	12.8
80°-90°	56.0	14.1
90°-100°	56.0	14.1
100°-110°	50.6	12.8
110°-120°	40.2	10.1
120°-130°	26.5	6.7
130°-140°	14.1	3.6
140°-150°	6.7	1.7
150°-160°	2.9	0.7
160°-170°	0.9	0.2
170°-180°	0.1	0.0
0°-90°	198.1	50.0
0°-180°	396.1	100.0

Coefficient of Utilization

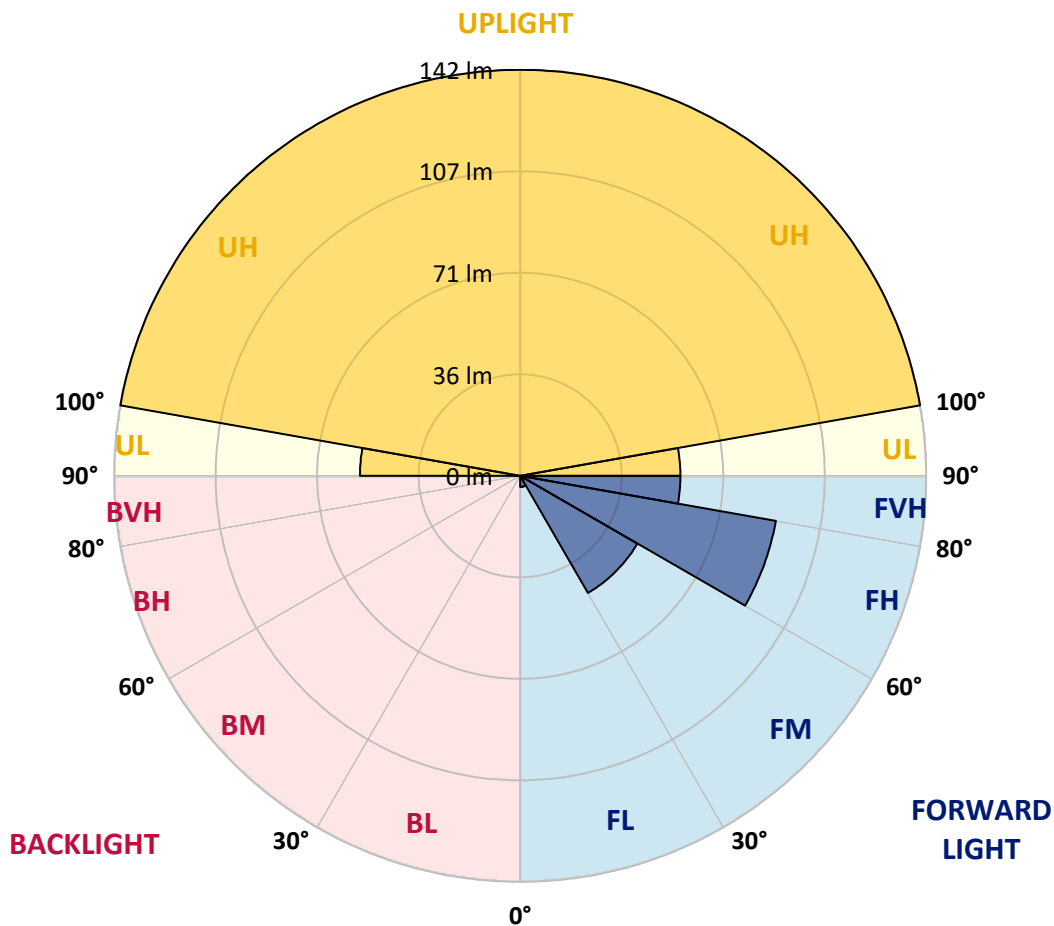


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3.9	1.0			
FM (30°-60°)	47.3	11.9			
FH (60°-80°)	90.8	22.9			G0/660
FVH (80°-90°)	56.0	14.1			G1/100
BL (0°-30°)	0.0	0.0	B0/110		
BM (30°-60°)	0.0	0.0	B0/220		
BH (60°-80°)	0.0	0.0	B0/110		G0/110
BVH (80°-90°)	0.0	0.0			G0/10
UL (90°-100°)	56.0	14.1		U3/500	
UH (100°-180°)	142.0	35.9		U3/500	

BUG Rating: B0-U3-G1
 Type Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	1	1	1	1	1	1	1	1	1	1	1
5°	2	2	2	2	2	2	2	2	2	2	2
7.5°	4	4	4	4	4	4	4	4	4	4	3
10°	6	6	6	6	6	6	6	6	6	5	5
12.5°	8	8	8	8	8	8	8	8	7	7	7
15°	10	10	10	10	10	10	10	9	9	9	9
17.5°	13	13	13	13	13	12	12	12	12	11	11
20°	16	16	16	16	16	15	15	15	14	14	14
22.5°	19	19	19	19	19	18	18	18	17	17	16
25°	22	22	22	22	22	21	21	21	20	20	19
27.5°	26	26	26	26	25	25	24	24	23	22	22
30°	30	30	30	30	29	29	28	28	27	26	25
32.5°	35	35	35	34	34	33	33	32	31	30	29
35°	41	41	41	40	40	39	38	37	35	34	33
37.5°	48	48	48	47	46	45	44	42	41	39	37
40°	57	57	56	56	54	53	51	49	47	45	43
42.5°	68	68	67	66	65	63	60	58	55	52	49
45°	81	81	80	78	77	74	71	68	64	60	56
47.5°	96	96	95	93	90	87	83	79	75	70	65
50°	112	112	110	108	105	102	97	93	87	81	76
52.5°	129	129	127	125	121	117	112	107	100	94	87
55°	144	144	142	140	137	133	128	121	114	107	99
57.5°	159	159	157	154	151	147	141	135	129	120	111
60°	172	172	170	168	164	160	155	148	141	133	124
62.5°	183	183	181	179	176	172	167	160	153	144	135
65°	192	192	190	188	185	182	177	171	164	155	145
67.5°	200	200	198	196	194	190	185	180	173	165	155
70°	206	206	205	203	201	197	193	187	181	173	164
72.5°	212	212	210	208	206	203	199	193	187	180	171
75°	217	217	215	214	211	207	203	199	193	185	177
77.5°	219	219	218	217	215	212	207	203	197	190	182
80°	222	222	221	219	218	215	211	206	201	194	185
82.5°	224	224	223	221	219	217	214	208	203	196	188
85°	225	225	224	223	221	218	215	210	205	198	190
87.5°	225	225	225	224	222	219	217	212	206	200	192
90°	226	225	225	224	222	219	217	212	206	200	192
92.5°	225	225	225	224	222	219	217	212	206	200	192
95°	225	225	224	223	221	218	215	210	205	198	190
97.5°	224	224	223	221	219	217	214	208	203	196	188
100°	222	222	221	219	218	215	211	206	201	194	185
102.5°	219	219	218	217	215	212	207	203	197	190	182
105°	217	217	215	214	211	207	203	199	193	185	177
107.5°	212	212	210	208	206	203	199	193	187	180	171
110°	206	206	205	203	201	197	193	187	181	173	164



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CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	200	200	198	196	194	190	185	180	173	165	155
115°	192	192	190	188	185	182	177	171	164	155	145
117.5°	183	183	181	179	176	172	167	160	153	144	135
120°	172	172	170	168	164	160	155	148	141	133	124
122.5°	159	159	157	154	151	147	141	135	129	120	111
125°	144	144	142	140	137	133	128	121	114	107	99
127.5°	129	129	127	125	121	117	112	107	100	94	87
130°	112	112	110	108	105	102	97	93	87	81	76
132.5°	96	96	95	93	90	87	83	79	75	70	65
135°	81	81	80	78	77	74	71	68	64	60	56
137.5°	68	68	67	66	65	63	60	58	55	52	49
140°	57	57	56	56	54	53	51	49	47	45	43
142.5°	48	48	48	47	46	45	44	42	41	39	37
145°	41	41	41	40	40	39	38	37	35	34	33
147.5°	35	35	35	34	34	33	33	32	31	30	29
150°	30	30	30	30	29	29	28	28	27	26	25
152.5°	26	26	26	26	25	25	24	24	23	22	22
155°	22	22	22	22	22	21	21	21	20	20	19
157.5°	19	19	19	19	19	18	18	18	17	17	16
160°	16	16	16	16	16	15	15	15	14	14	14
162.5°	13	13	13	13	13	12	12	12	12	11	11
165°	10	10	10	10	10	10	10	9	9	9	9
167.5°	8	8	8	8	8	8	8	8	7	7	7
170°	6	6	6	6	6	6	6	6	6	5	5
172.5°	4	4	4	4	4	4	4	4	4	4	3
175°	2	2	2	2	2	2	2	2	2	2	2
177.5°	1	1	1	1	1	1	1	1	1	1	1
180°	0	0	0	0	0	0	0	0	0	0	0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	1	1	1	1	1	1	1	1	1	1	1
5°	2	2	2	2	2	2	1	1	1	1	1
7.5°	3	3	3	3	3	3	2	2	2	2	2
10°	5	5	5	5	4	4	4	4	3	3	3
12.5°	7	7	6	6	6	6	5	5	5	4	4
15°	9	8	8	8	7	7	7	6	6	6	5
17.5°	11	10	10	9	9	9	8	8	7	7	6
20°	13	13	12	12	11	10	10	9	9	8	8
22.5°	16	15	15	14	13	12	12	11	10	9	9
25°	18	18	17	16	16	15	14	13	12	11	10
27.5°	21	20	20	19	18	17	16	15	14	13	12
30°	24	23	22	21	20	19	18	17	16	14	13
32.5°	28	26	25	24	22	21	20	19	18	16	15
35°	31	30	28	27	25	24	22	21	19	18	17
37.5°	35	34	32	30	28	26	25	23	21	20	18
40°	40	38	36	34	31	29	27	25	23	21	20
42.5°	46	43	40	38	35	32	30	28	25	23	21
45°	53	49	46	42	39	36	33	30	28	25	23
47.5°	61	56	51	47	43	40	36	33	30	27	25
50°	70	64	58	53	48	44	40	36	32	29	26
52.5°	80	73	66	59	53	48	43	39	35	31	28
55°	91	82	74	66	59	53	47	42	38	34	30
57.5°	102	93	83	74	66	58	51	46	40	36	32
60°	113	103	93	82	73	64	56	49	43	38	34
62.5°	125	113	102	91	80	70	61	53	46	40	35
65°	135	124	111	99	87	76	65	56	49	43	37
67.5°	144	133	120	107	94	81	70	60	52	45	39
70°	153	141	129	114	100	87	75	64	55	47	41
72.5°	160	148	135	121	107	93	79	68	58	49	42
75°	167	155	141	128	112	97	83	71	60	51	44
77.5°	172	160	147	133	117	102	87	74	63	53	45
80°	176	164	151	137	121	105	90	77	65	54	46
82.5°	179	168	154	140	125	108	93	78	66	56	47
85°	181	170	157	142	127	110	95	80	67	56	48
87.5°	183	172	159	144	129	112	96	81	68	57	48
90°	183	172	159	144	129	112	96	81	68	57	48
92.5°	183	172	159	144	129	112	96	81	68	57	48
95°	181	170	157	142	127	110	95	80	67	56	48
97.5°	179	168	154	140	125	108	93	78	66	56	47
100°	176	164	151	137	121	105	90	77	65	54	46
102.5°	172	160	147	133	117	102	87	74	63	53	45
105°	167	155	141	128	112	97	83	71	60	51	44
107.5°	160	148	135	121	107	93	79	68	58	49	42
110°	153	141	129	114	100	87	75	64	55	47	41



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	144	133	120	107	94	81	70	60	52	45	39
115°	135	124	111	99	87	76	65	56	49	43	37
117.5°	125	113	102	91	80	70	61	53	46	40	35
120°	113	103	93	82	73	64	56	49	43	38	34
122.5°	102	93	83	74	66	58	51	46	40	36	32
125°	91	82	74	66	59	53	47	42	38	34	30
127.5°	80	73	66	59	53	48	43	39	35	31	28
130°	70	64	58	53	48	44	40	36	32	29	26
132.5°	61	56	51	47	43	40	36	33	30	27	25
135°	53	49	46	42	39	36	33	30	28	25	23
137.5°	46	43	40	38	35	32	30	28	25	23	21
140°	40	38	36	34	31	29	27	25	23	21	20
142.5°	35	34	32	30	28	26	25	23	21	20	18
145°	31	30	28	27	25	24	22	21	19	18	17
147.5°	28	26	25	24	22	21	20	19	18	16	15
150°	24	23	22	21	20	19	18	17	16	14	13
152.5°	21	20	20	19	18	17	16	15	14	13	12
155°	18	18	17	16	16	15	14	13	12	11	10
157.5°	16	15	15	14	13	12	12	11	10	9	9
160°	13	13	12	12	11	10	10	9	9	8	8
162.5°	11	10	10	9	9	9	8	8	7	7	6
165°	9	8	8	8	7	7	7	6	6	6	5
167.5°	7	7	6	6	6	6	5	5	5	4	4
170°	5	5	5	5	4	4	4	4	3	3	3
172.5°	3	3	3	3	3	3	2	2	2	2	2
175°	2	2	2	2	2	2	1	1	1	1	1
177.5°	1	1	1	1	1	1	1	1	1	1	1
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-###-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	1	1	0	0	0	0	0	0	0	0	0
5°	1	1	1	1	1	1	1	1	1	0	0
7.5°	2	2	1	1	1	1	1	1	1	1	1
10°	3	2	2	2	2	2	1	1	1	1	1
12.5°	4	3	3	3	2	2	2	1	1	1	1
15°	5	4	4	3	3	3	2	2	2	1	1
17.5°	6	5	5	4	4	3	3	2	2	1	1
20°	7	6	6	5	5	4	3	3	2	2	1
22.5°	8	7	7	6	5	5	4	3	3	2	2
25°	9	8	8	7	6	5	5	4	3	2	2
27.5°	10	9	9	8	7	6	5	4	3	3	2
30°	12	11	10	9	8	7	6	5	4	3	2
32.5°	14	12	11	9	8	7	6	5	4	3	2
35°	15	14	12	10	9	8	7	6	5	4	3
37.5°	17	15	13	12	10	9	8	6	5	4	3
40°	18	16	14	13	11	9	8	7	6	4	3
42.5°	19	18	16	14	12	10	9	7	6	5	3
45°	21	19	17	15	13	11	9	8	6	5	4
47.5°	22	20	18	16	14	12	10	8	7	5	4
50°	24	21	19	17	15	12	10	9	7	6	4
52.5°	25	22	20	18	16	13	11	9	7	6	4
55°	27	24	21	19	16	14	12	9	8	6	5
57.5°	28	25	22	20	17	15	12	10	8	6	5
60°	30	26	23	20	18	15	13	10	8	7	5
62.5°	31	28	24	21	18	16	13	11	9	7	5
65°	33	29	25	22	19	16	14	11	9	7	5
67.5°	34	30	26	22	20	17	14	11	9	7	5
70°	35	31	27	23	20	17	14	12	9	7	6
72.5°	37	32	28	24	21	18	15	12	9	8	6
75°	38	33	28	24	21	18	15	12	10	8	6
77.5°	39	33	29	25	21	18	15	12	10	8	6
80°	40	34	29	25	22	19	16	13	10	8	6
82.5°	40	34	30	26	22	19	16	13	10	8	6
85°	41	35	30	26	22	19	16	13	10	8	6
87.5°	41	35	30	26	22	19	16	13	10	8	6
90°	41	35	30	26	22	19	16	13	10	8	6
92.5°	41	35	30	26	22	19	16	13	10	8	6
95°	41	35	30	26	22	19	16	13	10	8	6
97.5°	40	34	30	26	22	19	16	13	10	8	6
100°	40	34	29	25	22	19	16	13	10	8	6
102.5°	39	33	29	25	21	18	15	12	10	8	6
105°	38	33	28	24	21	18	15	12	10	8	6
107.5°	37	32	28	24	21	18	15	12	9	8	6
110°	35	31	27	23	20	17	14	12	9	7	6



REPORT NUMBER: G2-2410-241-1-SQ

CATALOG NUMBER: 1237-SQ-###-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	34	30	26	22	20	17	14	11	9	7	5
115°	33	29	25	22	19	16	14	11	9	7	5
117.5°	31	28	24	21	18	16	13	11	9	7	5
120°	30	26	23	20	18	15	13	10	8	7	5
122.5°	28	25	22	20	17	15	12	10	8	6	5
125°	27	24	21	19	16	14	12	9	8	6	5
127.5°	25	22	20	18	16	13	11	9	7	6	4
130°	24	21	19	17	15	12	10	9	7	6	4
132.5°	22	20	18	16	14	12	10	8	7	5	4
135°	21	19	17	15	13	11	9	8	6	5	4
137.5°	19	18	16	14	12	10	9	7	6	5	3
140°	18	16	14	13	11	9	8	7	6	4	3
142.5°	17	15	13	12	10	9	8	6	5	4	3
145°	15	14	12	10	9	8	7	6	5	4	3
147.5°	14	12	11	9	8	7	6	5	4	3	2
150°	12	11	10	9	8	7	6	5	4	3	2
152.5°	10	9	9	8	7	6	5	4	3	3	2
155°	9	8	8	7	6	5	5	4	3	2	2
157.5°	8	7	7	6	5	5	4	3	3	2	2
160°	7	6	6	5	5	4	3	3	2	2	1
162.5°	6	5	5	4	4	3	3	2	2	1	1
165°	5	4	4	3	3	3	2	2	2	1	1
167.5°	4	3	3	3	2	2	2	1	1	1	1
170°	3	2	2	2	2	2	1	1	1	1	1
172.5°	2	2	1	1	1	1	1	1	1	1	1
175°	1	1	1	1	1	1	1	1	1	0	0
177.5°	1	1	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-###-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
10°	1	0	0	0	0	0	0	0	0	0	0
12.5°	1	0	0	0	0	0	0	0	0	0	0
15°	1	1	0	0	0	0	0	0	0	0	0
17.5°	1	1	0	0	0	0	0	0	0	0	0
20°	1	1	0	0	0	0	0	0	0	0	0
22.5°	1	1	0	0	0	0	0	0	0	0	0
25°	1	1	0	0	0	0	0	0	0	0	0
27.5°	1	1	0	0	0	0	0	0	0	0	0
30°	1	1	0	0	0	0	0	0	0	0	0
32.5°	2	1	1	0	0	0	0	0	0	0	0
35°	2	1	1	0	0	0	0	0	0	0	0
37.5°	2	1	1	0	0	0	0	0	0	0	0
40°	2	1	1	0	0	0	0	0	0	0	0
42.5°	2	1	1	0	0	0	0	0	0	0	0
45°	2	1	1	0	0	0	0	0	0	0	0
47.5°	2	1	1	0	0	0	0	0	0	0	0
50°	3	2	1	0	0	0	0	0	0	0	0
52.5°	3	2	1	0	0	0	0	0	0	0	0
55°	3	2	1	0	0	0	0	0	0	0	0
57.5°	3	2	1	0	0	0	0	0	0	0	0
60°	3	2	1	0	0	0	0	0	0	0	0
62.5°	3	2	1	0	0	0	0	0	0	0	0
65°	3	2	1	0	0	0	0	0	0	0	0
67.5°	4	2	1	0	0	0	0	0	0	0	0
70°	4	2	1	0	0	0	0	0	0	0	0
72.5°	4	2	1	0	0	0	0	0	0	0	0
75°	4	2	1	0	0	0	0	0	0	0	0
77.5°	4	2	1	0	0	0	0	0	0	0	0
80°	4	2	1	0	0	0	0	0	0	0	0
82.5°	4	2	1	0	0	0	0	0	0	0	0
85°	4	2	1	0	0	0	0	0	0	0	0
87.5°	4	2	1	0	0	0	0	0	0	0	0
90°	4	2	1	0	0	0	0	0	0	0	0
92.5°	4	2	1	0	0	0	0	0	0	0	0
95°	4	2	1	0	0	0	0	0	0	0	0
97.5°	4	2	1	0	0	0	0	0	0	0	0
100°	4	2	1	0	0	0	0	0	0	0	0
102.5°	4	2	1	0	0	0	0	0	0	0	0
105°	4	2	1	0	0	0	0	0	0	0	0
107.5°	4	2	1	0	0	0	0	0	0	0	0
110°	4	2	1	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	4	2	1	0	0	0	0	0	0	0	0
115°	3	2	1	0	0	0	0	0	0	0	0
117.5°	3	2	1	0	0	0	0	0	0	0	0
120°	3	2	1	0	0	0	0	0	0	0	0
122.5°	3	2	1	0	0	0	0	0	0	0	0
125°	3	2	1	0	0	0	0	0	0	0	0
127.5°	3	2	1	0	0	0	0	0	0	0	0
130°	3	2	1	0	0	0	0	0	0	0	0
132.5°	2	1	1	0	0	0	0	0	0	0	0
135°	2	1	1	0	0	0	0	0	0	0	0
137.5°	2	1	1	0	0	0	0	0	0	0	0
140°	2	1	1	0	0	0	0	0	0	0	0
142.5°	2	1	1	0	0	0	0	0	0	0	0
145°	2	1	1	0	0	0	0	0	0	0	0
147.5°	2	1	1	0	0	0	0	0	0	0	0
150°	1	1	0	0	0	0	0	0	0	0	0
152.5°	1	1	0	0	0	0	0	0	0	0	0
155°	1	1	0	0	0	0	0	0	0	0	0
157.5°	1	1	0	0	0	0	0	0	0	0	0
160°	1	1	0	0	0	0	0	0	0	0	0
162.5°	1	1	0	0	0	0	0	0	0	0	0
165°	1	1	0	0	0	0	0	0	0	0	0
167.5°	1	0	0	0	0	0	0	0	0	0	0
170°	1	0	0	0	0	0	0	0	0	0	0
172.5°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-###-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0	0	0	0	0
92.5°	0	0	0	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0	0	0	0
97.5°	0	0	0	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0	0	0	0
102.5°	0	0	0	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0	0	0	0
107.5°	0	0	0	0	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	0	0	0	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0	0	0	0
117.5°	0	0	0	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0	0	0	0
122.5°	0	0	0	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0	0	0	0
127.5°	0	0	0	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0	0	0	0
132.5°	0	0	0	0	0	0	0	0	0	0	0
135°	0	0	0	0	0	0	0	0	0	0	0
137.5°	0	0	0	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0	0	0	0
142.5°	0	0	0	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0	0	0	0
147.5°	0	0	0	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0	0	0	0
152.5°	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0
157.5°	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0
162.5°	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0
167.5°	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0
172.5°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0	0	0	0	0
92.5°	0	0	0	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0	0	0	0
97.5°	0	0	0	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0	0	0	0
102.5°	0	0	0	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0	0	0	0
107.5°	0	0	0	0	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	0	0	0	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0	0	0	0
117.5°	0	0	0	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0	0	0	0
122.5°	0	0	0	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0	0	0	0
127.5°	0	0	0	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0	0	0	0
132.5°	0	0	0	0	0	0	0	0	0	0	0
135°	0	0	0	0	0	0	0	0	0	0	0
137.5°	0	0	0	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0	0	0	0
142.5°	0	0	0	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0	0	0	0
147.5°	0	0	0	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0	0	0	0
152.5°	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0
157.5°	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0
162.5°	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0
167.5°	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0
172.5°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0	0	0	0	0
92.5°	0	0	0	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0	0	0	0
97.5°	0	0	0	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0	0	0	0
102.5°	0	0	0	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0	0	0	0
107.5°	0	0	0	0	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	0	0	0	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0	0	0	0
117.5°	0	0	0	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0	0	0	0
122.5°	0	0	0	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0	0	0	0
127.5°	0	0	0	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0	0	0	0
132.5°	0	0	0	0	0	0	0	0	0	0	0
135°	0	0	0	0	0	0	0	0	0	0	0
137.5°	0	0	0	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0	0	0	0
142.5°	0	0	0	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0	0	0	0
147.5°	0	0	0	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0	0	0	0
152.5°	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0
157.5°	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0
162.5°	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0
167.5°	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0
172.5°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0	0	0	0	0
92.5°	0	0	0	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0	0	0	0
97.5°	0	0	0	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0	0	0	0
102.5°	0	0	0	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0	0	0	0
107.5°	0	0	0	0	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	0	0	0	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0	0	0	0
117.5°	0	0	0	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0	0	0	0
122.5°	0	0	0	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0	0	0	0
127.5°	0	0	0	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0	0	0	0
132.5°	0	0	0	0	0	0	0	0	0	0	0
135°	0	0	0	0	0	0	0	0	0	0	0
137.5°	0	0	0	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0	0	0	0
142.5°	0	0	0	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0	0	0	0
147.5°	0	0	0	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0	0	0	0
152.5°	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0
157.5°	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0
162.5°	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0
167.5°	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0
172.5°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-###-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0	0	0	0	0
92.5°	0	0	0	0	0	0	0	0	0	0	0
95°	0	0	0	0	0	0	0	0	0	0	0
97.5°	0	0	0	0	0	0	0	0	0	0	0
100°	0	0	0	0	0	0	0	0	0	0	0
102.5°	0	0	0	0	0	0	0	0	0	0	0
105°	0	0	0	0	0	0	0	0	0	0	0
107.5°	0	0	0	0	0	0	0	0	0	0	0
110°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	0	0	0	0	0	0	0	0	0	0	0
115°	0	0	0	0	0	0	0	0	0	0	0
117.5°	0	0	0	0	0	0	0	0	0	0	0
120°	0	0	0	0	0	0	0	0	0	0	0
122.5°	0	0	0	0	0	0	0	0	0	0	0
125°	0	0	0	0	0	0	0	0	0	0	0
127.5°	0	0	0	0	0	0	0	0	0	0	0
130°	0	0	0	0	0	0	0	0	0	0	0
132.5°	0	0	0	0	0	0	0	0	0	0	0
135°	0	0	0	0	0	0	0	0	0	0	0
137.5°	0	0	0	0	0	0	0	0	0	0	0
140°	0	0	0	0	0	0	0	0	0	0	0
142.5°	0	0	0	0	0	0	0	0	0	0	0
145°	0	0	0	0	0	0	0	0	0	0	0
147.5°	0	0	0	0	0	0	0	0	0	0	0
150°	0	0	0	0	0	0	0	0	0	0	0
152.5°	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0
157.5°	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0
162.5°	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0
167.5°	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0
172.5°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	1
35°	0	0	0	0	0	0	0	0	0	0	1
37.5°	0	0	0	0	0	0	0	0	0	0	1
40°	0	0	0	0	0	0	0	0	0	0	1
42.5°	0	0	0	0	0	0	0	0	0	0	1
45°	0	0	0	0	0	0	0	0	0	0	1
47.5°	0	0	0	0	0	0	0	0	0	0	1
50°	0	0	0	0	0	0	0	0	0	0	1
52.5°	0	0	0	0	0	0	0	0	0	0	1
55°	0	0	0	0	0	0	0	0	0	0	1
57.5°	0	0	0	0	0	0	0	0	0	0	1
60°	0	0	0	0	0	0	0	0	0	0	1
62.5°	0	0	0	0	0	0	0	0	0	0	1
65°	0	0	0	0	0	0	0	0	0	0	1
67.5°	0	0	0	0	0	0	0	0	0	0	1
70°	0	0	0	0	0	0	0	0	0	0	1
72.5°	0	0	0	0	0	0	0	0	0	0	1
75°	0	0	0	0	0	0	0	0	0	0	1
77.5°	0	0	0	0	0	0	0	0	0	0	1
80°	0	0	0	0	0	0	0	0	0	0	1
82.5°	0	0	0	0	0	0	0	0	0	0	1
85°	0	0	0	0	0	0	0	0	0	0	1
87.5°	0	0	0	0	0	0	0	0	0	0	1
90°	0	0	0	0	0	0	0	0	0	0	1
92.5°	0	0	0	0	0	0	0	0	0	0	1
95°	0	0	0	0	0	0	0	0	0	0	1
97.5°	0	0	0	0	0	0	0	0	0	0	1
100°	0	0	0	0	0	0	0	0	0	0	1
102.5°	0	0	0	0	0	0	0	0	0	0	1
105°	0	0	0	0	0	0	0	0	0	0	1
107.5°	0	0	0	0	0	0	0	0	0	0	1
110°	0	0	0	0	0	0	0	0	0	0	1



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	0	0	0	0	0	0	0	0	0	0	1
115°	0	0	0	0	0	0	0	0	0	0	1
117.5°	0	0	0	0	0	0	0	0	0	0	1
120°	0	0	0	0	0	0	0	0	0	0	1
122.5°	0	0	0	0	0	0	0	0	0	0	1
125°	0	0	0	0	0	0	0	0	0	0	1
127.5°	0	0	0	0	0	0	0	0	0	0	1
130°	0	0	0	0	0	0	0	0	0	0	1
132.5°	0	0	0	0	0	0	0	0	0	0	1
135°	0	0	0	0	0	0	0	0	0	0	1
137.5°	0	0	0	0	0	0	0	0	0	0	1
140°	0	0	0	0	0	0	0	0	0	0	1
142.5°	0	0	0	0	0	0	0	0	0	0	1
145°	0	0	0	0	0	0	0	0	0	0	1
147.5°	0	0	0	0	0	0	0	0	0	0	1
150°	0	0	0	0	0	0	0	0	0	0	0
152.5°	0	0	0	0	0	0	0	0	0	0	0
155°	0	0	0	0	0	0	0	0	0	0	0
157.5°	0	0	0	0	0	0	0	0	0	0	0
160°	0	0	0	0	0	0	0	0	0	0	0
162.5°	0	0	0	0	0	0	0	0	0	0	0
165°	0	0	0	0	0	0	0	0	0	0	0
167.5°	0	0	0	0	0	0	0	0	0	0	0
170°	0	0	0	0	0	0	0	0	0	0	0
172.5°	0	0	0	0	0	0	0	0	0	0	0
175°	0	0	0	0	0	0	0	0	0	0	0
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-###-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	1	1	1	1	1	1	1
7.5°	0	0	1	1	1	1	1	1	1	1	1
10°	0	1	1	1	1	1	1	2	2	2	2
12.5°	0	1	1	1	1	1	2	2	2	3	3
15°	1	1	1	1	2	2	2	3	3	3	4
17.5°	1	1	1	1	2	2	3	3	4	4	5
20°	1	1	1	2	2	3	3	4	5	5	6
22.5°	1	1	2	2	3	3	4	5	5	6	7
25°	1	1	2	2	3	4	5	5	6	7	8
27.5°	1	1	2	3	3	4	5	6	7	8	9
30°	1	1	2	3	4	5	6	7	8	9	10
32.5°	1	2	2	3	4	5	6	7	8	9	11
35°	1	2	3	4	5	6	7	8	9	10	12
37.5°	1	2	3	4	5	6	8	9	10	12	13
40°	1	2	3	4	6	7	8	9	11	13	14
42.5°	1	2	3	5	6	7	9	10	12	14	16
45°	1	2	4	5	6	8	9	11	13	15	17
47.5°	1	2	4	5	7	8	10	12	14	16	18
50°	2	3	4	6	7	9	10	12	15	17	19
52.5°	2	3	4	6	7	9	11	13	16	18	20
55°	2	3	5	6	8	9	12	14	16	19	21
57.5°	2	3	5	6	8	10	12	15	17	20	22
60°	2	3	5	7	8	10	13	15	18	20	23
62.5°	2	3	5	7	9	11	13	16	18	21	24
65°	2	3	5	7	9	11	14	16	19	22	25
67.5°	2	4	5	7	9	11	14	17	20	22	26
70°	2	4	6	7	9	12	14	17	20	23	27
72.5°	2	4	6	8	9	12	15	18	21	24	28
75°	2	4	6	8	10	12	15	18	21	24	28
77.5°	2	4	6	8	10	12	15	18	21	25	29
80°	2	4	6	8	10	13	16	19	22	25	29
82.5°	2	4	6	8	10	13	16	19	22	26	30
85°	2	4	6	8	10	13	16	19	22	26	30
87.5°	2	4	6	8	10	13	16	19	22	26	30
90°	2	4	6	8	10	13	16	19	22	26	30
92.5°	2	4	6	8	10	13	16	19	22	26	30
95°	2	4	6	8	10	13	16	19	22	26	30
97.5°	2	4	6	8	10	13	16	19	22	26	30
100°	2	4	6	8	10	13	16	19	22	25	29
102.5°	2	4	6	8	10	12	15	18	21	25	29
105°	2	4	6	8	10	12	15	18	21	24	28
107.5°	2	4	6	8	9	12	15	18	21	24	28
110°	2	4	6	7	9	12	14	17	20	23	27



REPORT NUMBER: G2-2410-241-1-SQ
 CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	2	4	5	7	9	11	14	17	20	22	26
115°	2	3	5	7	9	11	14	16	19	22	25
117.5°	2	3	5	7	9	11	13	16	18	21	24
120°	2	3	5	7	8	10	13	15	18	20	23
122.5°	2	3	5	6	8	10	12	15	17	20	22
125°	2	3	5	6	8	9	12	14	16	19	21
127.5°	2	3	4	6	7	9	11	13	16	18	20
130°	2	3	4	6	7	9	10	12	15	17	19
132.5°	1	2	4	5	7	8	10	12	14	16	18
135°	1	2	4	5	6	8	9	11	13	15	17
137.5°	1	2	3	5	6	7	9	10	12	14	16
140°	1	2	3	4	6	7	8	9	11	13	14
142.5°	1	2	3	4	5	6	8	9	10	12	13
145°	1	2	3	4	5	6	7	8	9	10	12
147.5°	1	2	2	3	4	5	6	7	8	9	11
150°	1	1	2	3	4	5	6	7	8	9	10
152.5°	1	1	2	3	3	4	5	6	7	8	9
155°	1	1	2	2	3	4	5	5	6	7	8
157.5°	1	1	2	2	3	3	4	5	5	6	7
160°	1	1	1	2	2	3	3	4	5	5	6
162.5°	1	1	1	1	2	2	3	3	4	4	5
165°	1	1	1	1	2	2	2	3	3	3	4
167.5°	0	1	1	1	1	1	2	2	2	3	3
170°	0	1	1	1	1	1	1	2	2	2	2
172.5°	0	0	1	1	1	1	1	1	1	1	1
175°	0	0	0	0	1	1	1	1	1	1	1
177.5°	0	0	0	0	0	0	0	0	0	0	0
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ

CATALOG NUMBER: 1237-SQ-###-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	1	1	1	1	1	1	1	1	1	1	1
5°	1	1	1	1	1	1	1	2	2	2	2
7.5°	2	2	2	2	2	2	2	3	3	3	3
10°	2	3	3	3	3	4	4	4	4	5	5
12.5°	3	4	4	4	5	5	5	6	6	6	6
15°	4	5	5	6	6	6	7	7	7	8	8
17.5°	5	6	6	7	7	8	8	9	9	9	10
20°	6	7	8	8	9	9	10	10	11	12	12
22.5°	7	8	9	9	10	11	12	12	13	14	15
25°	8	9	10	11	12	13	14	15	16	16	17
27.5°	9	10	12	13	14	15	16	17	18	19	20
30°	11	12	13	14	16	17	18	19	20	21	22
32.5°	12	14	15	16	18	19	20	21	22	24	25
35°	14	15	17	18	19	21	22	24	25	27	28
37.5°	15	17	18	20	21	23	25	26	28	30	32
40°	16	18	20	21	23	25	27	29	31	34	36
42.5°	18	19	21	23	25	28	30	32	35	38	40
45°	19	21	23	25	28	30	33	36	39	42	46
47.5°	20	22	25	27	30	33	36	40	43	47	51
50°	21	24	26	29	32	36	40	44	48	53	58
52.5°	22	25	28	31	35	39	43	48	53	59	66
55°	24	27	30	34	38	42	47	53	59	66	74
57.5°	25	28	32	36	40	46	51	58	66	74	83
60°	26	30	34	38	43	49	56	64	73	82	93
62.5°	28	31	35	40	46	53	61	70	80	91	102
65°	29	33	37	43	49	56	65	76	87	99	111
67.5°	30	34	39	45	52	60	70	81	94	107	120
70°	31	35	41	47	55	64	75	87	100	114	129
72.5°	32	37	42	49	58	68	79	93	107	121	135
75°	33	38	44	51	60	71	83	97	112	128	141
77.5°	33	39	45	53	63	74	87	102	117	133	147
80°	34	40	46	54	65	77	90	105	121	137	151
82.5°	34	40	47	56	66	78	93	108	125	140	154
85°	35	41	48	56	67	80	95	110	127	142	157
87.5°	35	41	48	57	68	81	96	112	129	144	159
90°	35	41	48	57	68	81	96	112	129	144	159
92.5°	35	41	48	57	68	81	96	112	129	144	159
95°	35	41	48	56	67	80	95	110	127	142	157
97.5°	34	40	47	56	66	78	93	108	125	140	154
100°	34	40	46	54	65	77	90	105	121	137	151
102.5°	33	39	45	53	63	74	87	102	117	133	147
105°	33	38	44	51	60	71	83	97	112	128	141
107.5°	32	37	42	49	58	68	79	93	107	121	135
110°	31	35	41	47	55	64	75	87	100	114	129



REPORT NUMBER: G2-2410-241-1-SQ

CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	30	34	39	45	52	60	70	81	94	107	120
115°	29	33	37	43	49	56	65	76	87	99	111
117.5°	28	31	35	40	46	53	61	70	80	91	102
120°	26	30	34	38	43	49	56	64	73	82	93
122.5°	25	28	32	36	40	46	51	58	66	74	83
125°	24	27	30	34	38	42	47	53	59	66	74
127.5°	22	25	28	31	35	39	43	48	53	59	66
130°	21	24	26	29	32	36	40	44	48	53	58
132.5°	20	22	25	27	30	33	36	40	43	47	51
135°	19	21	23	25	28	30	33	36	39	42	46
137.5°	18	19	21	23	25	28	30	32	35	38	40
140°	16	18	20	21	23	25	27	29	31	34	36
142.5°	15	17	18	20	21	23	25	26	28	30	32
145°	14	15	17	18	19	21	22	24	25	27	28
147.5°	12	14	15	16	18	19	20	21	22	24	25
150°	11	12	13	14	16	17	18	19	20	21	22
152.5°	9	10	12	13	14	15	16	17	18	19	20
155°	8	9	10	11	12	13	14	15	16	16	17
157.5°	7	8	9	9	10	11	12	12	13	14	15
160°	6	7	8	8	9	9	10	10	11	12	12
162.5°	5	6	6	7	7	8	8	9	9	9	10
165°	4	5	5	6	6	6	7	7	7	8	8
167.5°	3	4	4	4	5	5	5	6	6	6	6
170°	2	3	3	3	3	4	4	4	4	5	5
172.5°	2	2	2	2	2	2	2	3	3	3	3
175°	1	1	1	1	1	1	1	2	2	2	2
177.5°	1	1	1	1	1	1	1	1	1	1	1
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ

CATALOG NUMBER: 1237-SQ-###-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0	0	0	0	0	0	0	0	0	0	0
2.5°	1	1	1	1	1	1	1	1	1	1	1
5°	2	2	2	2	2	2	2	2	2	2	2
7.5°	3	3	3	4	4	4	4	4	4	4	4
10°	5	5	5	5	6	6	6	6	6	6	6
12.5°	7	7	7	7	7	8	8	8	8	8	8
15°	8	9	9	9	9	9	10	10	10	10	10
17.5°	10	11	11	11	12	12	12	12	13	13	13
20°	13	13	14	14	14	15	15	15	16	16	16
22.5°	15	16	16	17	17	18	18	18	19	19	19
25°	18	18	19	20	20	21	21	21	22	22	22
27.5°	20	21	22	22	23	24	24	25	25	26	26
30°	23	24	25	26	27	28	28	29	29	30	30
32.5°	26	28	29	30	31	32	33	33	34	34	35
35°	30	31	33	34	35	37	38	39	40	40	41
37.5°	34	35	37	39	41	42	44	45	46	47	48
40°	38	40	43	45	47	49	51	53	54	56	56
42.5°	43	46	49	52	55	58	60	63	65	66	67
45°	49	53	56	60	64	68	71	74	77	78	80
47.5°	56	61	65	70	75	79	83	87	90	93	95
50°	64	70	76	81	87	93	97	102	105	108	110
52.5°	73	80	87	94	100	107	112	117	121	125	127
55°	82	91	99	107	114	121	128	133	137	140	142
57.5°	93	102	111	120	129	135	141	147	151	154	157
60°	103	113	124	133	141	148	155	160	164	168	170
62.5°	113	125	135	144	153	160	167	172	176	179	181
65°	124	135	145	155	164	171	177	182	185	188	190
67.5°	133	144	155	165	173	180	185	190	194	196	198
70°	141	153	164	173	181	187	193	197	201	203	205
72.5°	148	160	171	180	187	193	199	203	206	208	210
75°	155	167	177	185	193	199	203	207	211	214	215
77.5°	160	172	182	190	197	203	207	212	215	217	218
80°	164	176	185	194	201	206	211	215	218	219	221
82.5°	168	179	188	196	203	208	214	217	219	221	223
85°	170	181	190	198	205	210	215	218	221	223	224
87.5°	172	183	192	200	206	212	217	219	222	224	225
90°	172	183	192	200	206	212	217	219	222	224	225
92.5°	172	183	192	200	206	212	217	219	222	224	225
95°	170	181	190	198	205	210	215	218	221	223	224
97.5°	168	179	188	196	203	208	214	217	219	221	223
100°	164	176	185	194	201	206	211	215	218	219	221
102.5°	160	172	182	190	197	203	207	212	215	217	218
105°	155	167	177	185	193	199	203	207	211	214	215
107.5°	148	160	171	180	187	193	199	203	206	208	210
110°	141	153	164	173	181	187	193	197	201	203	205



REPORT NUMBER: G2-2410-241-1-SQ

CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	133	144	155	165	173	180	185	190	194	196	198
115°	124	135	145	155	164	171	177	182	185	188	190
117.5°	113	125	135	144	153	160	167	172	176	179	181
120°	103	113	124	133	141	148	155	160	164	168	170
122.5°	93	102	111	120	129	135	141	147	151	154	157
125°	82	91	99	107	114	121	128	133	137	140	142
127.5°	73	80	87	94	100	107	112	117	121	125	127
130°	64	70	76	81	87	93	97	102	105	108	110
132.5°	56	61	65	70	75	79	83	87	90	93	95
135°	49	53	56	60	64	68	71	74	77	78	80
137.5°	43	46	49	52	55	58	60	63	65	66	67
140°	38	40	43	45	47	49	51	53	54	56	56
142.5°	34	35	37	39	41	42	44	45	46	47	48
145°	30	31	33	34	35	37	38	39	40	40	41
147.5°	26	28	29	30	31	32	33	33	34	34	35
150°	23	24	25	26	27	28	28	29	29	30	30
152.5°	20	21	22	22	23	24	24	25	25	26	26
155°	18	18	19	20	20	21	21	21	22	22	22
157.5°	15	16	16	17	17	18	18	18	19	19	19
160°	13	13	14	14	14	15	15	15	16	16	16
162.5°	10	11	11	11	12	12	12	12	13	13	13
165°	8	9	9	9	9	9	10	10	10	10	10
167.5°	7	7	7	7	7	8	8	8	8	8	8
170°	5	5	5	5	6	6	6	6	6	6	6
172.5°	3	3	3	4	4	4	4	4	4	4	4
175°	2	2	2	2	2	2	2	2	2	2	2
177.5°	1	1	1	1	1	1	1	1	1	1	1
180°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: G2-2410-241-1-SQ
CATALOG NUMBER: 1237-SQ-###-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0	0
2.5°	1	1
5°	2	2
7.5°	4	4
10°	6	6
12.5°	8	8
15°	10	10
17.5°	13	13
20°	16	16
22.5°	19	19
25°	22	22
27.5°	26	26
30°	30	30
32.5°	35	35
35°	41	41
37.5°	48	48
40°	57	57
42.5°	68	68
45°	81	81
47.5°	96	96
50°	112	112
52.5°	129	129
55°	144	144
57.5°	159	159
60°	172	172
62.5°	183	183
65°	192	192
67.5°	200	200
70°	206	206
72.5°	212	212
75°	217	217
77.5°	219	219
80°	222	222
82.5°	224	224
85°	225	225
87.5°	225	225
90°	225	226
92.5°	225	225
95°	225	225
97.5°	224	224
100°	222	222
102.5°	219	219
105°	217	217
107.5°	212	212
110°	206	206



REPORT NUMBER: G2-2410-241-1-SQ
CATALOG NUMBER: 1237-SQ-##-#-12LEDG2-120/12-CS

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	200	200
115°	192	192
117.5°	183	183
120°	172	172
122.5°	159	159
125°	144	144
127.5°	129	129
130°	112	112
132.5°	96	96
135°	81	81
137.5°	68	68
140°	57	57
142.5°	48	48
145°	41	41
147.5°	35	35
150°	30	30
152.5°	26	26
155°	22	22
157.5°	19	19
160°	16	16
162.5°	13	13
165°	10	10
167.5°	8	8
170°	6	6
172.5°	4	4
175°	2	2
177.5°	1	1
180°	0	0

(END OF REPORT)