

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: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED3010-12-CS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-7)  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 203-8LED3010-12-CS  
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 3000K CCT, 10 DEGREE SPOT OPTIC,  
REGRESSED HOOD SILVER  
Light Source: (1) SORAA 3000K 95 CRI 10°NSP LED  
SM16-07-10D-930-03  
Ballast/Driver: CHROMA POWER SUPPLY IN0004

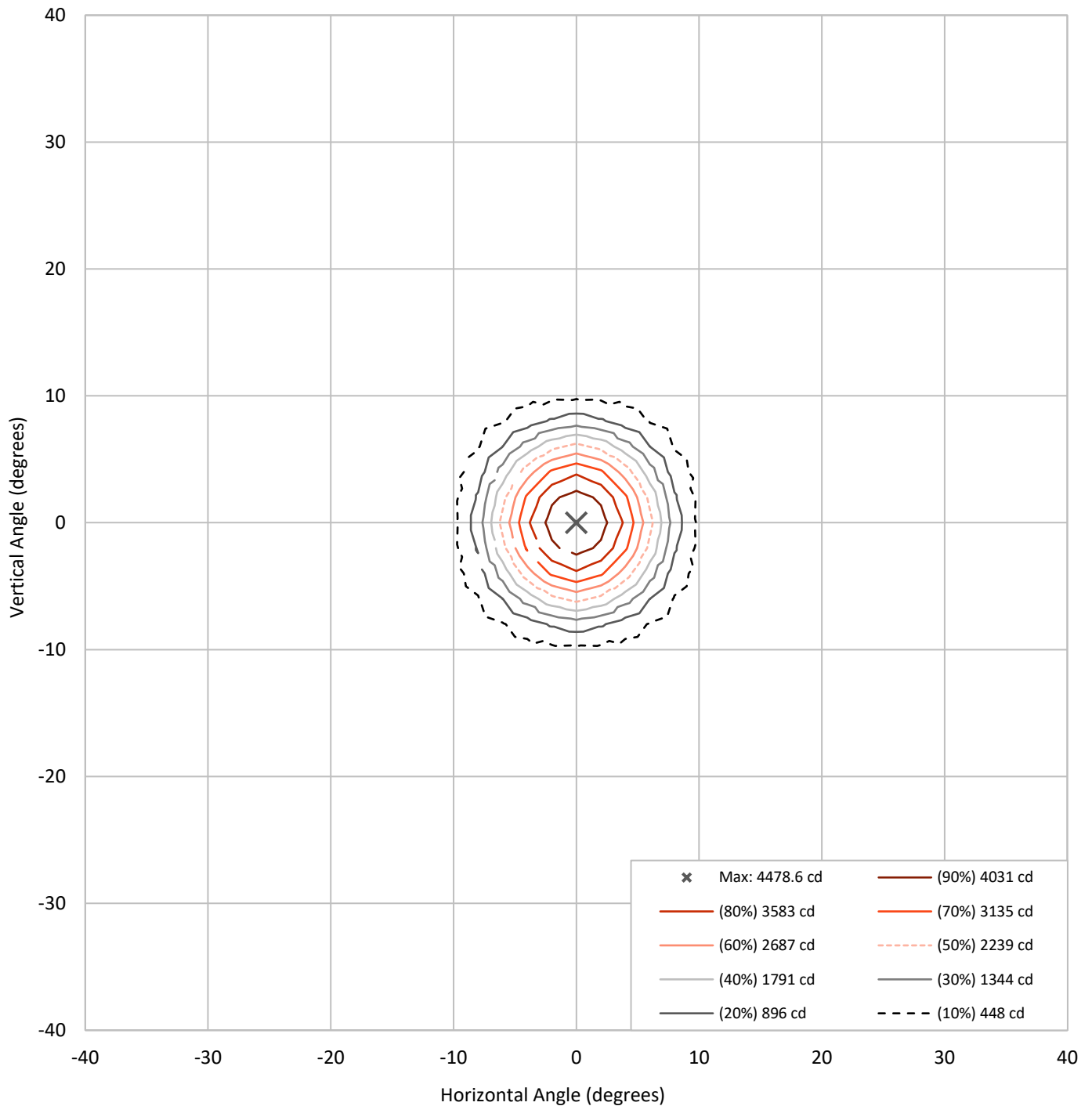
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	261.4 lumens	Max Intensity:	4478.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	34.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	12.4°H x 12.4°V	Field Angle (10%):	19.5°H x 19.5°V
Beam Lumens:	104.3 lumens	Field Lumens:	183.4 lumens
Beam Efficiency:	39.9%	Field Efficiency:	70.2%
Input Watts (W):	7.5		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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### Iso-Candela Plot





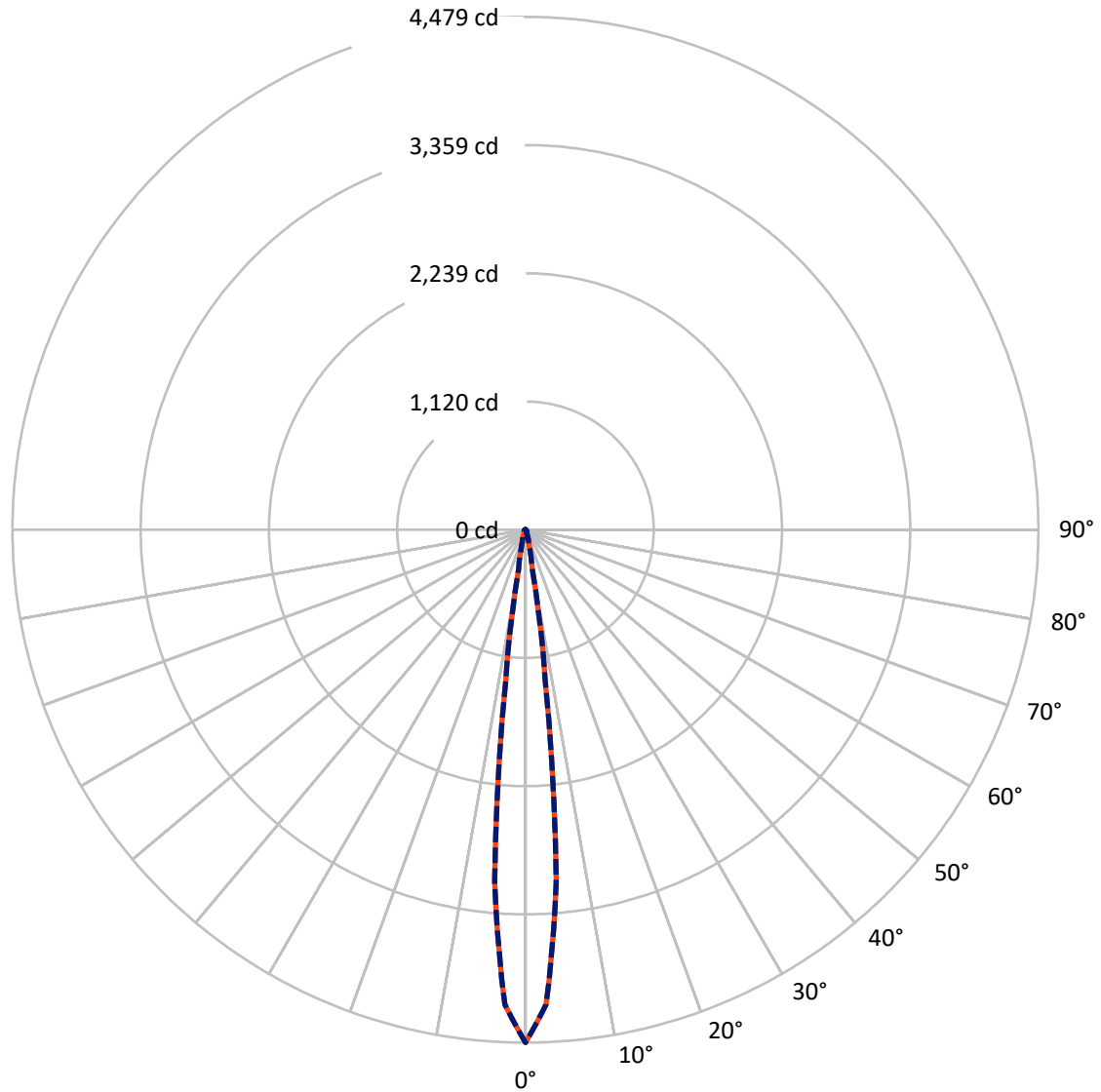
REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table

90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0		
50	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	0.0	
40		0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.1	0.0	0.0		
30	0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.9	0.9	0.7	0.5	0.4	0.2	0.1	0.0	0.0	
20		0.0	0.1	0.2	0.4	0.7	1.4	3.4	3.4	1.4	0.7	0.4	0.2	0.1	0.0		
10	0.0	0.0	0.1	0.3	0.5	0.8	3.3	47.5	47.5	3.3	0.8	0.5	0.3	0.1	0.0	0.0	
0		0.0	0.1	0.3	0.5	0.8	3.3	47.5	47.5	3.3	0.8	0.5	0.3	0.1	0.0		
-10	0.0	0.0	0.1	0.2	0.4	0.7	1.4	3.4	3.4	1.4	0.7	0.4	0.2	0.1	0.0	0.0	
-20		0.0	0.1	0.2	0.4	0.5	0.7	0.9	0.9	0.7	0.5	0.4	0.2	0.1	0.0		
-30	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.1	0.0	0.0	0.0	
-40		0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0		
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	
-60		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
-80		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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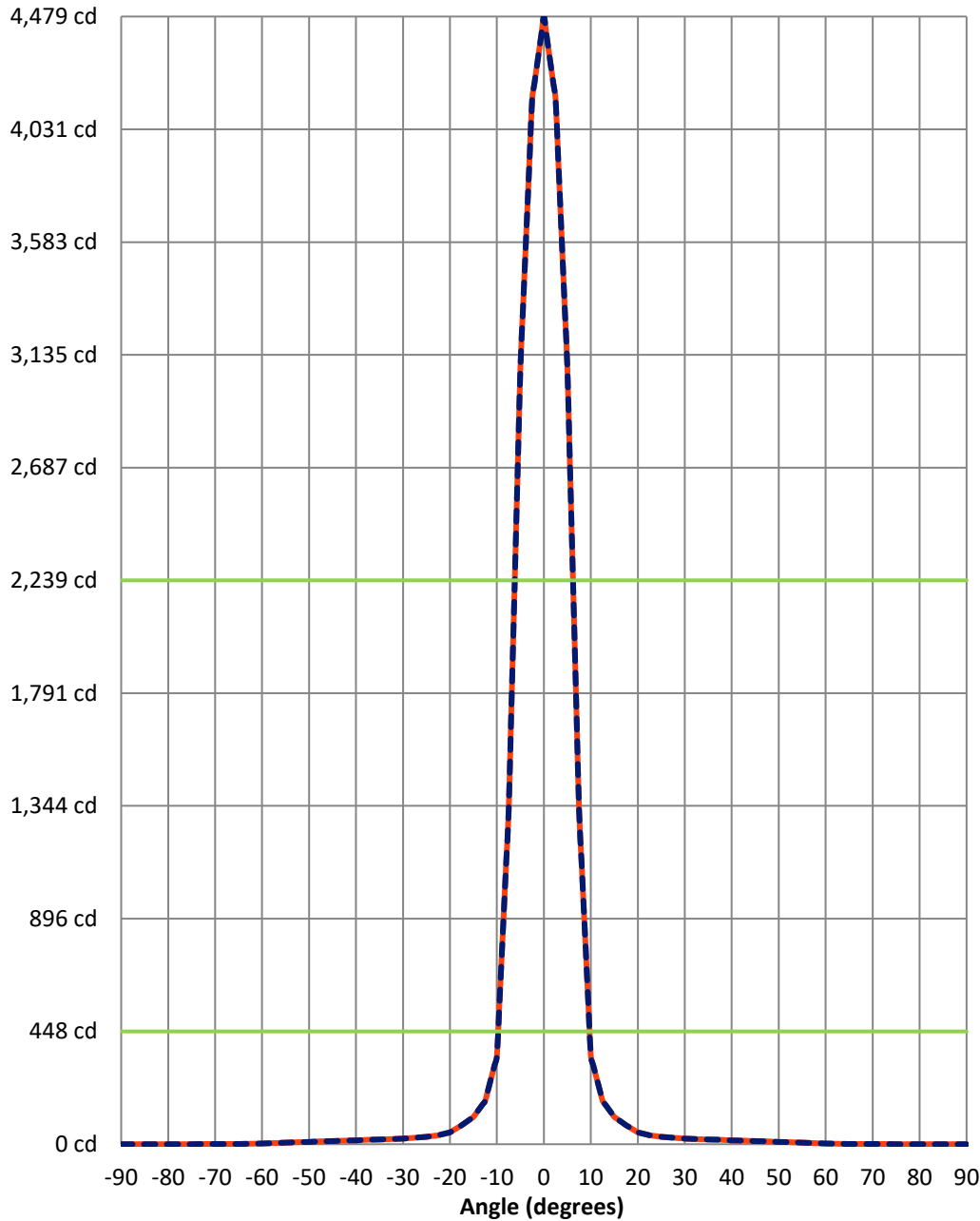
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.4°  
V Angle: 12.4°  
Lumens: 104.3  
Efficiency: 39.9%

**Field:**  
H Angle: 19.5°  
V Angle: 19.5°  
Lumens: 183.4  
Efficiency: 70.2%

**Spill:**  
Lumens: 77.9  
Efficiency: 29.8%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0	0	0	0	1
45°	0	0	0	0	0	0	0	0	0	0	1
42.5°	0	0	0	0	0	0	0	0	0	0	1
40°	0	0	0	0	0	0	0	0	0	1	1
37.5°	0	0	0	0	0	0	0	0	0	1	1
35°	0	0	0	0	0	0	0	0	0	1	1
32.5°	0	0	0	0	0	0	0	0	1	1	1
30°	0	0	0	0	0	0	0	0	1	1	1
27.5°	0	0	0	0	0	0	0	0	1	1	1
25°	0	0	0	0	0	0	0	0	1	1	1
22.5°	0	0	0	0	0	0	0	0	1	1	1
20°	0	0	0	0	0	0	0	1	1	1	1
17.5°	0	0	0	0	0	0	0	1	1	1	1
15°	0	0	0	0	0	0	0	1	1	1	1
12.5°	0	0	0	0	0	0	0	1	1	1	1
10°	0	0	0	0	0	0	0	1	1	1	1
7.5°	0	0	0	0	0	0	0	1	1	1	1
5°	0	0	0	0	0	0	0	1	1	1	1
2.5°	0	0	0	0	0	0	0	1	1	1	1
0°	0	0	0	0	0	0	0	1	1	1	1
-2.5°	0	0	0	0	0	0	0	1	1	1	1
-5°	0	0	0	0	0	0	0	1	1	1	1
-7.5°	0	0	0	0	0	0	0	1	1	1	1
-10°	0	0	0	0	0	0	0	1	1	1	1
-12.5°	0	0	0	0	0	0	0	1	1	1	1
-15°	0	0	0	0	0	0	0	1	1	1	1
-17.5°	0	0	0	0	0	0	0	1	1	1	1
-20°	0	0	0	0	0	0	0	1	1	1	1



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	0	0	0	0	0	1	1	1
-25°	0	0	0	0	0	0	0	0	1	1	1
-27.5°	0	0	0	0	0	0	0	0	1	1	1
-30°	0	0	0	0	0	0	0	0	1	1	1
-32.5°	0	0	0	0	0	0	0	0	1	1	1
-35°	0	0	0	0	0	0	0	0	0	1	1
-37.5°	0	0	0	0	0	0	0	0	0	1	1
-40°	0	0	0	0	0	0	0	0	0	1	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	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





REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	1	1
65°	0	0	0	0	0	0	1	1	1	1	1
62.5°	0	0	0	0	0	1	1	1	1	1	1
60°	0	0	0	1	1	1	1	1	1	1	1
57.5°	0	0	1	1	1	1	1	1	1	1	1
55°	0	1	1	1	1	1	1	1	1	1	2
52.5°	0	1	1	1	1	1	1	1	2	2	2
50°	1	1	1	1	1	1	1	2	2	3	3
47.5°	1	1	1	1	1	1	2	2	3	3	4
45°	1	1	1	1	1	2	2	3	4	5	6
42.5°	1	1	1	1	2	2	3	4	5	6	7
40°	1	1	1	1	2	3	3	5	6	7	8
37.5°	1	1	1	2	2	3	4	6	7	8	9
35°	1	1	1	2	3	4	5	6	8	8	9
32.5°	1	1	2	2	3	5	6	7	8	9	11
30°	1	1	2	3	4	5	7	8	9	11	12
27.5°	1	1	2	3	5	6	8	8	10	12	12
25°	1	2	2	4	5	7	8	9	11	12	13
22.5°	1	2	3	4	6	7	8	10	12	12	14
20°	1	2	3	4	6	8	9	11	12	13	14
17.5°	1	2	3	5	7	8	9	11	12	14	15
15°	1	2	4	5	7	8	10	12	13	14	15
12.5°	2	2	4	6	7	8	10	12	13	15	16
10°	2	3	4	6	8	9	11	12	14	15	17
7.5°	2	3	4	6	8	9	11	12	14	15	17
5°	2	3	4	6	8	9	11	12	14	15	17
2.5°	2	3	4	6	8	9	11	12	14	15	18
0°	2	3	4	6	8	9	12	12	14	15	18
-2.5°	2	3	4	6	8	9	11	12	14	15	18
-5°	2	3	4	6	8	9	11	12	14	15	17
-7.5°	2	3	4	6	8	9	11	12	14	15	17
-10°	2	3	4	6	8	9	11	12	14	15	17
-12.5°	2	2	4	6	7	8	10	12	13	15	16
-15°	1	2	4	5	7	8	10	12	13	14	15
-17.5°	1	2	3	5	7	8	9	11	12	14	15
-20°	1	2	3	4	6	8	9	11	12	13	14



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1	2	3	4	6	7	8	10	12	12	14
-25°	1	2	2	4	5	7	8	9	11	12	13
-27.5°	1	1	2	3	5	6	8	8	10	12	12
-30°	1	1	2	3	4	5	7	8	9	11	12
-32.5°	1	1	2	2	3	5	6	7	8	9	11
-35°	1	1	1	2	3	4	5	6	8	8	9
-37.5°	1	1	1	2	2	3	4	6	7	8	9
-40°	1	1	1	1	2	3	3	5	6	7	8
-42.5°	1	1	1	1	2	2	3	4	5	6	7
-45°	1	1	1	1	1	2	2	3	4	5	6
-47.5°	1	1	1	1	1	1	2	2	3	3	4
-50°	1	1	1	1	1	1	1	2	2	3	3
-52.5°	0	1	1	1	1	1	1	1	2	2	2
-55°	0	1	1	1	1	1	1	1	1	1	2
-57.5°	0	0	1	1	1	1	1	1	1	1	1
-60°	0	0	0	1	1	1	1	1	1	1	1
-62.5°	0	0	0	0	0	1	1	1	1	1	1
-65°	0	0	0	0	0	0	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	1
-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



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	1	1	1	1	1
70°	0	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	2	2
60°	1	1	1	1	2	2	2	2	2	2	3
57.5°	1	2	2	2	2	3	3	3	4	4	4
55°	2	2	3	3	4	4	4	5	5	6	6
52.5°	3	3	4	5	5	6	6	7	7	7	8
50°	4	5	5	6	7	7	8	8	8	8	9
47.5°	5	6	7	8	8	8	9	9	10	10	11
45°	6	7	8	8	9	10	11	11	12	12	12
42.5°	8	8	9	10	11	12	12	12	13	13	14
40°	8	9	11	12	12	12	13	14	14	15	15
37.5°	9	11	12	12	13	14	14	15	15	16	17
35°	11	12	13	14	14	15	15	17	17	18	18
32.5°	12	13	14	15	15	16	18	18	18	19	19
30°	13	14	15	15	17	18	18	19	20	21	21
27.5°	14	15	15	17	18	19	20	21	21	22	23
25°	14	15	17	18	19	20	21	22	24	25	27
22.5°	15	16	18	19	20	21	23	25	27	28	30
20°	15	18	18	20	21	23	25	27	30	33	37
17.5°	17	18	19	21	22	25	27	30	35	41	47
15°	17	18	20	21	24	27	30	35	42	53	70
12.5°	18	19	21	22	25	28	33	41	53	74	96
10°	18	19	21	23	27	30	37	47	70	96	131
7.5°	18	20	22	24	28	33	41	58	85	120	174
5°	18	20	22	25	29	34	44	68	98	148	266
2.5°	19	20	22	26	29	35	46	73	106	166	328
0°	19	20	22	26	29	36	47	75	108	172	349
-2.5°	19	20	22	26	29	35	46	73	106	166	328
-5°	18	20	22	25	29	34	44	68	98	148	266
-7.5°	18	20	22	24	28	33	41	58	85	120	174
-10°	18	19	21	23	27	30	37	47	70	96	131
-12.5°	18	19	21	22	25	28	33	41	53	74	96
-15°	17	18	20	21	24	27	30	35	42	53	70
-17.5°	17	18	19	21	22	25	27	30	35	41	47
-20°	15	18	18	20	21	23	25	27	30	33	37



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	15	16	18	19	20	21	23	25	27	28	30
-25°	14	15	17	18	19	20	21	22	24	25	27
-27.5°	14	15	15	17	18	19	20	21	21	22	23
-30°	13	14	15	15	17	18	18	19	20	21	21
-32.5°	12	13	14	15	15	16	18	18	18	19	19
-35°	11	12	13	14	14	15	15	17	17	18	18
-37.5°	9	11	12	12	13	14	14	15	15	16	17
-40°	8	9	11	12	12	12	13	14	14	15	15
-42.5°	8	8	9	10	11	12	12	12	13	13	14
-45°	6	7	8	8	9	10	11	11	12	12	12
-47.5°	5	6	7	8	8	8	9	9	10	10	11
-50°	4	5	5	6	7	7	8	8	8	8	9
-52.5°	3	3	4	5	5	6	6	7	7	7	8
-55°	2	2	3	3	4	4	4	5	5	6	6
-57.5°	1	2	2	2	2	3	3	3	4	4	4
-60°	1	1	1	1	2	2	2	2	2	2	3
-62.5°	1	1	1	1	1	1	1	1	1	2	2
-65°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-70°	0	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	1	1	1	1	1
-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



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	1	1
70°	1	1	1	1	1	1	1	1	1	1	1
67.5°	1	1	1	1	1	1	1	1	1	1	1
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	2	1	1
60°	3	3	3	3	3	3	3	3	2	2	2
57.5°	4	4	4	4	4	4	4	4	4	4	3
55°	6	6	6	6	6	6	6	6	6	5	5
52.5°	8	8	8	8	8	8	8	8	7	7	7
50°	9	9	9	9	9	9	9	9	8	8	8
47.5°	11	11	11	12	11	11	11	11	10	10	9
45°	12	12	12	12	12	12	12	12	12	12	11
42.5°	14	14	14	14	14	14	14	14	13	13	12
40°	15	15	15	15	15	15	15	15	15	14	14
37.5°	17	17	18	18	18	17	17	17	16	15	15
35°	18	18	19	19	19	18	18	18	18	17	17
32.5°	20	20	20	20	20	20	20	19	19	18	18
30°	22	22	22	22	22	22	22	21	21	20	19
27.5°	24	25	26	26	26	25	24	23	22	21	21
25°	28	29	29	29	29	29	28	27	25	24	22
22.5°	33	34	35	36	35	34	33	30	28	27	25
20°	41	44	46	47	46	44	41	37	33	30	27
17.5°	58	68	73	75	73	68	58	47	41	35	30
15°	85	98	106	108	106	98	85	70	53	42	35
12.5°	120	148	166	172	166	148	120	96	74	53	41
10°	174	266	328	349	328	266	174	131	96	70	47
7.5°	307	565	1055	1324	1055	565	307	174	120	85	58
5°	565	1613	2691	3085	2691	1613	565	266	148	98	68
2.5°	1055	2691	3810	4149	3810	2691	1055	328	166	106	73
0°	1324	3085	4149	4479	4149	3085	1324	349	172	108	75
-2.5°	1055	2691	3810	4149	3810	2691	1055	328	166	106	73
-5°	565	1613	2691	3085	2691	1613	565	266	148	98	68
-7.5°	307	565	1055	1324	1055	565	307	174	120	85	58
-10°	174	266	328	349	328	266	174	131	96	70	47
-12.5°	120	148	166	172	166	148	120	96	74	53	41
-15°	85	98	106	108	106	98	85	70	53	42	35
-17.5°	58	68	73	75	73	68	58	47	41	35	30
-20°	41	44	46	47	46	44	41	37	33	30	27



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	33	34	35	36	35	34	33	30	28	27	25
-25°	28	29	29	29	29	29	28	27	25	24	22
-27.5°	24	25	26	26	26	25	24	23	22	21	21
-30°	22	22	22	22	22	22	22	21	21	20	19
-32.5°	20	20	20	20	20	20	20	19	19	18	18
-35°	18	18	19	19	19	18	18	18	18	17	17
-37.5°	17	17	18	18	18	17	17	17	16	15	15
-40°	15	15	15	15	15	15	15	15	15	14	14
-42.5°	14	14	14	14	14	14	14	14	13	13	12
-45°	12	12	12	12	12	12	12	12	12	12	11
-47.5°	11	11	11	12	11	11	11	11	10	10	9
-50°	9	9	9	9	9	9	9	9	8	8	8
-52.5°	8	8	8	8	8	8	8	8	7	7	7
-55°	6	6	6	6	6	6	6	6	6	5	5
-57.5°	4	4	4	4	4	4	4	4	4	4	3
-60°	3	3	3	3	3	3	3	3	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-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



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	0	0	0	0	0	0	0	0	0	0
70°	1	1	1	1	1	1	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	1	0	0
65°	1	1	1	1	1	1	1	1	1	1	1
62.5°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	1	1	1	1	1	1	1	1
57.5°	3	3	2	2	2	2	1	1	1	1	1
55°	4	4	4	3	3	2	2	2	1	1	1
52.5°	6	6	5	5	4	3	3	2	2	2	1
50°	8	7	7	6	5	5	4	3	3	2	2
47.5°	9	8	8	8	7	6	5	4	3	3	2
45°	11	10	9	8	8	7	6	6	5	4	3
42.5°	12	12	11	10	9	8	8	7	6	5	4
40°	13	12	12	12	11	9	8	8	7	6	5
37.5°	14	14	13	12	12	11	9	9	8	7	6
35°	15	15	14	14	13	12	11	9	8	8	6
32.5°	18	16	15	15	14	13	12	11	9	8	7
30°	18	18	17	15	15	14	13	12	11	9	8
27.5°	20	19	18	17	15	15	14	12	12	10	8
25°	21	20	19	18	17	15	14	13	12	11	9
22.5°	23	21	20	19	18	16	15	14	12	12	10
20°	25	23	21	20	18	18	15	14	13	12	11
17.5°	27	25	22	21	19	18	17	15	14	12	11
15°	30	27	24	21	20	18	17	15	14	13	12
12.5°	33	28	25	22	21	19	18	16	15	13	12
10°	37	30	27	23	21	19	18	17	15	14	12
7.5°	41	33	28	24	22	20	18	17	15	14	12
5°	44	34	29	25	22	20	18	17	15	14	12
2.5°	46	35	29	26	22	20	19	18	15	14	12
0°	47	36	29	26	22	20	19	18	15	14	12
-2.5°	46	35	29	26	22	20	19	18	15	14	12
-5°	44	34	29	25	22	20	18	17	15	14	12
-7.5°	41	33	28	24	22	20	18	17	15	14	12
-10°	37	30	27	23	21	19	18	17	15	14	12
-12.5°	33	28	25	22	21	19	18	16	15	13	12
-15°	30	27	24	21	20	18	17	15	14	13	12
-17.5°	27	25	22	21	19	18	17	15	14	12	11
-20°	25	23	21	20	18	18	15	14	13	12	11



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	23	21	20	19	18	16	15	14	12	12	10
-25°	21	20	19	18	17	15	14	13	12	11	9
-27.5°	20	19	18	17	15	15	14	12	12	10	8
-30°	18	18	17	15	15	14	13	12	11	9	8
-32.5°	18	16	15	15	14	13	12	11	9	8	7
-35°	15	15	14	14	13	12	11	9	8	8	6
-37.5°	14	14	13	12	12	11	9	9	8	7	6
-40°	13	12	12	12	11	9	8	8	7	6	5
-42.5°	12	12	11	10	9	8	8	7	6	5	4
-45°	11	10	9	8	8	7	6	6	5	4	3
-47.5°	9	8	8	8	7	6	5	4	3	3	2
-50°	8	7	7	6	5	5	4	3	3	2	2
-52.5°	6	6	5	5	4	3	3	2	2	2	1
-55°	4	4	4	3	3	2	2	2	1	1	1
-57.5°	3	3	2	2	2	2	1	1	1	1	1
-60°	2	2	2	1	1	1	1	1	1	1	1
-62.5°	1	1	1	1	1	1	1	1	1	1	1
-65°	1	1	1	1	1	1	1	1	1	1	1
-67.5°	1	1	1	1	1	1	1	1	1	0	0
-70°	1	1	1	1	1	1	0	0	0	0	0
-72.5°	1	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





REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0	0	0	0	0
65°	1	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	0	0	0	0	0	0	0	0	0
60°	1	1	1	1	0	0	0	0	0	0	0
57.5°	1	1	1	1	1	0	0	0	0	0	0
55°	1	1	1	1	1	1	0	0	0	0	0
52.5°	1	1	1	1	1	1	0	0	0	0	0
50°	1	1	1	1	1	1	1	0	0	0	0
47.5°	2	1	1	1	1	1	1	1	0	0	0
45°	2	2	1	1	1	1	1	1	0	0	0
42.5°	3	2	2	1	1	1	1	1	0	0	0
40°	3	3	2	1	1	1	1	1	1	0	0
37.5°	4	3	2	2	1	1	1	1	1	0	0
35°	5	4	3	2	1	1	1	1	1	0	0
32.5°	6	5	3	2	2	1	1	1	1	1	0
30°	7	5	4	3	2	1	1	1	1	1	0
27.5°	8	6	5	3	2	1	1	1	1	1	0
25°	8	7	5	4	2	2	1	1	1	1	0
22.5°	8	7	6	4	3	2	1	1	1	1	0
20°	9	8	6	4	3	2	1	1	1	1	1
17.5°	9	8	7	5	3	2	1	1	1	1	1
15°	10	8	7	5	4	2	1	1	1	1	1
12.5°	10	8	7	6	4	2	2	1	1	1	1
10°	11	9	8	6	4	3	2	1	1	1	1
7.5°	11	9	8	6	4	3	2	1	1	1	1
5°	11	9	8	6	4	3	2	1	1	1	1
2.5°	11	9	8	6	4	3	2	1	1	1	1
0°	12	9	8	6	4	3	2	1	1	1	1
-2.5°	11	9	8	6	4	3	2	1	1	1	1
-5°	11	9	8	6	4	3	2	1	1	1	1
-7.5°	11	9	8	6	4	3	2	1	1	1	1
-10°	11	9	8	6	4	3	2	1	1	1	1
-12.5°	10	8	7	6	4	2	2	1	1	1	1
-15°	10	8	7	5	4	2	1	1	1	1	1
-17.5°	9	8	7	5	3	2	1	1	1	1	1
-20°	9	8	6	4	3	2	1	1	1	1	1



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	8	7	6	4	3	2	1	1	1	1	0
-25°	8	7	5	4	2	2	1	1	1	1	0
-27.5°	8	6	5	3	2	1	1	1	1	1	0
-30°	7	5	4	3	2	1	1	1	1	1	0
-32.5°	6	5	3	2	2	1	1	1	1	1	0
-35°	5	4	3	2	1	1	1	1	1	0	0
-37.5°	4	3	2	2	1	1	1	1	1	0	0
-40°	3	3	2	1	1	1	1	1	1	0	0
-42.5°	3	2	2	1	1	1	1	1	0	0	0
-45°	2	2	1	1	1	1	1	1	0	0	0
-47.5°	2	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	0	0	0	0	0	0	0
-62.5°	1	1	0	0	0	0	0	0	0	0	0
-65°	1	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



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	0	0	0	0	0	0	0
85°	0	0	0	0	0	0	0
82.5°	0	0	0	0	0	0	0
80°	0	0	0	0	0	0	0
77.5°	0	0	0	0	0	0	0
75°	0	0	0	0	0	0	0
72.5°	0	0	0	0	0	0	0
70°	0	0	0	0	0	0	0
67.5°	0	0	0	0	0	0	0
65°	0	0	0	0	0	0	0
62.5°	0	0	0	0	0	0	0
60°	0	0	0	0	0	0	0
57.5°	0	0	0	0	0	0	0
55°	0	0	0	0	0	0	0
52.5°	0	0	0	0	0	0	0
50°	0	0	0	0	0	0	0
47.5°	0	0	0	0	0	0	0
45°	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0
37.5°	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0



REPORT NUMBER: G2-1802-569-7 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 203-8LED3010-12-CS

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	0	0	0	0	0	0	0
-25°	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0
-32.5°	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0
-50°	0	0	0	0	0	0	0
-52.5°	0	0	0	0	0	0	0
-55°	0	0	0	0	0	0	0
-57.5°	0	0	0	0	0	0	0
-60°	0	0	0	0	0	0	0
-62.5°	0	0	0	0	0	0	0
-65°	0	0	0	0	0	0	0
-67.5°	0	0	0	0	0	0	0
-70°	0	0	0	0	0	0	0
-72.5°	0	0	0	0	0	0	0
-75°	0	0	0	0	0	0	0
-77.5°	0	0	0	0	0	0	0
-80°	0	0	0	0	0	0	0
-82.5°	0	0	0	0	0	0	0
-85°	0	0	0	0	0	0	0
-87.5°	0	0	0	0	0	0	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)