

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: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED4025-12-CS**

Test Date: 04/05/18

**Test Information**

Test Method: LM-79-08  
Report Number: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
Test Lab: INNOVATION CENTER(G2)  
Test Date: 04/05/18  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 203-8LED4025-12-CS  
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 4000K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD SILVER  
Light Source: (1) SORAA 4000K 90 CRI LED  
SM16-07-25D-940-03  
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

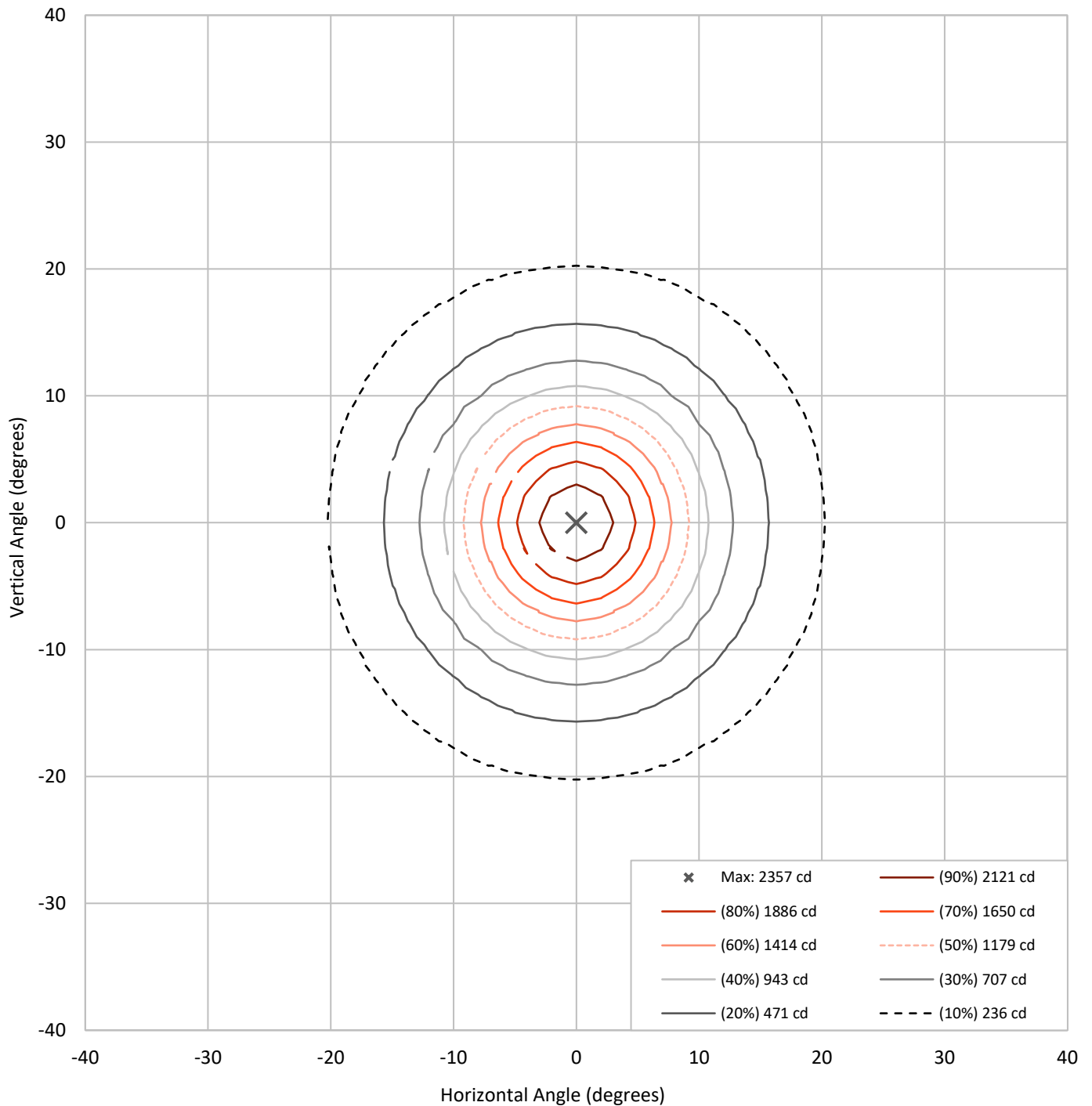
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	360 lumens	Max Intensity:	2357 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	49.3 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	18.4°H x 18.4°V	Field Angle (10%):	40.5°H x 40.5°V
Beam Lumens:	135.8 lumens	Field Lumens:	298.7 lumens
Beam Efficiency:	37.7%	Field Efficiency:	83.0%
Input Watts (W):	7.3		
Input Voltage (V):	12.0		
Input Current (Ain):	0.642		
Voltage Rise (V):	NR		
Power Factor:	0.9913		
Total Harmonic Distortion (THDi):	26.9%		
Frequency (hertz):	60		
Stabilization Time:	0.5 HR		
Operation Time:	3 HR		
Ambient Temperature (°C):	25.0		
Test Distance:	25 FT		



REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Iso-Candela Plot





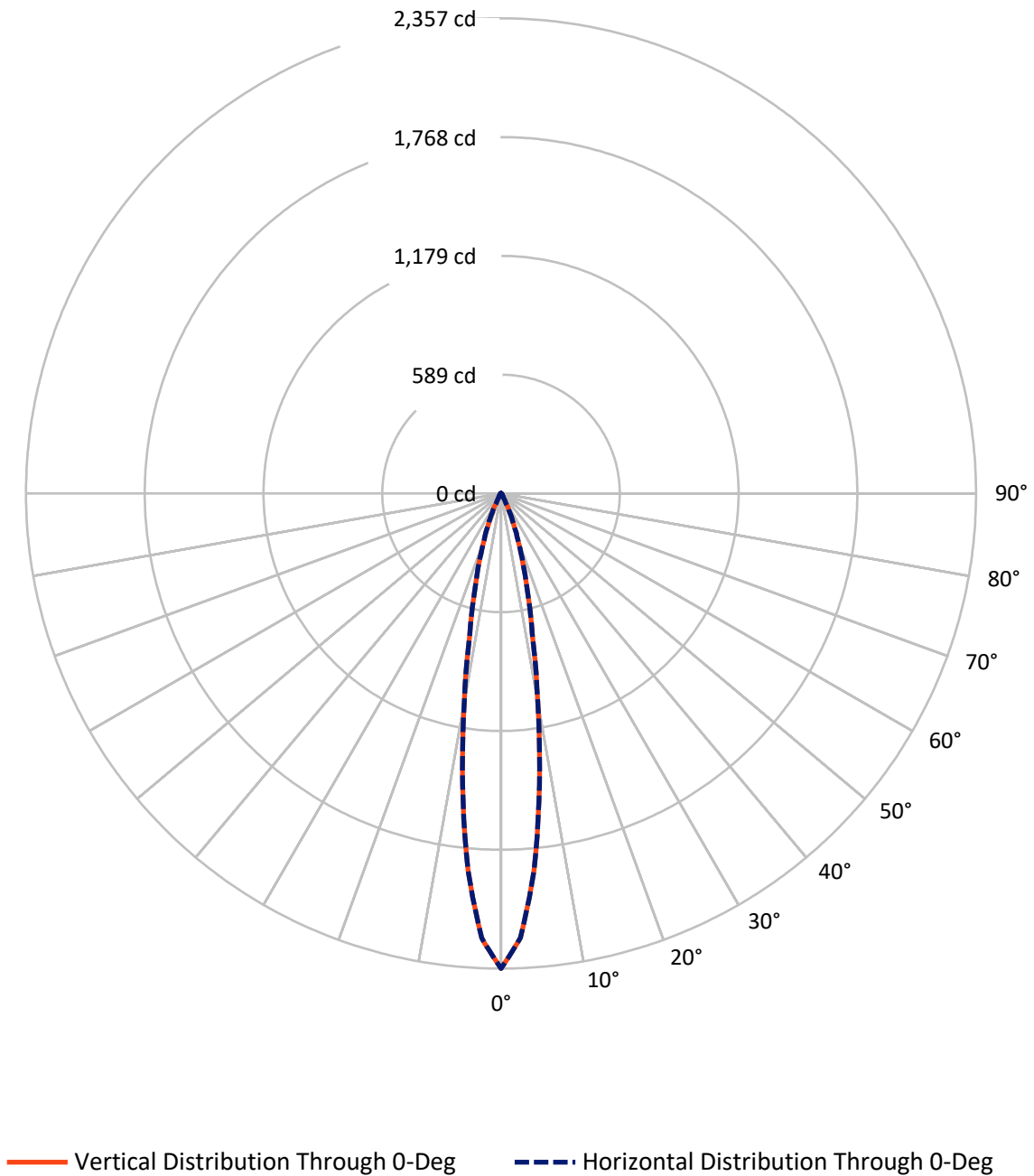
REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS

### 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
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
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	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
40		0.0	0.0	0.1	0.1	0.1	0.3	0.4	0.4	0.3	0.1	0.1	0.1	0.0	0.0	
30	0.0	0.0	0.0	0.1	0.1	0.4	1.3	3.0	3.0	1.3	0.4	0.1	0.1	0.0	0.0	0.0
20		0.0	0.0	0.1	0.2	1.3	6.5	14.5	14.5	6.5	1.3	0.2	0.1	0.0	0.0	
10	0.0	0.0	0.1	0.1	0.3	2.8	14.1	43.2	43.2	14.1	2.8	0.3	0.1	0.1	0.0	0.0
0		0.0	0.1	0.1	0.3	2.8	14.1	43.2	43.2	14.1	2.8	0.3	0.1	0.1	0.0	
-10	0.0	0.0	0.1	0.1	0.3	2.8	14.1	43.2	43.2	14.1	2.8	0.3	0.1	0.1	0.0	0.0
-20		0.0	0.0	0.1	0.2	1.3	6.5	14.5	14.5	6.5	1.3	0.2	0.1	0.0	0.0	
-30	0.0	0.0	0.0	0.1	0.1	0.4	1.3	3.0	3.0	1.3	0.4	0.1	0.1	0.0	0.0	0.0
-40		0.0	0.0	0.1	0.1	0.1	0.3	0.4	0.4	0.3	0.1	0.1	0.1	0.0	0.0	
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	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

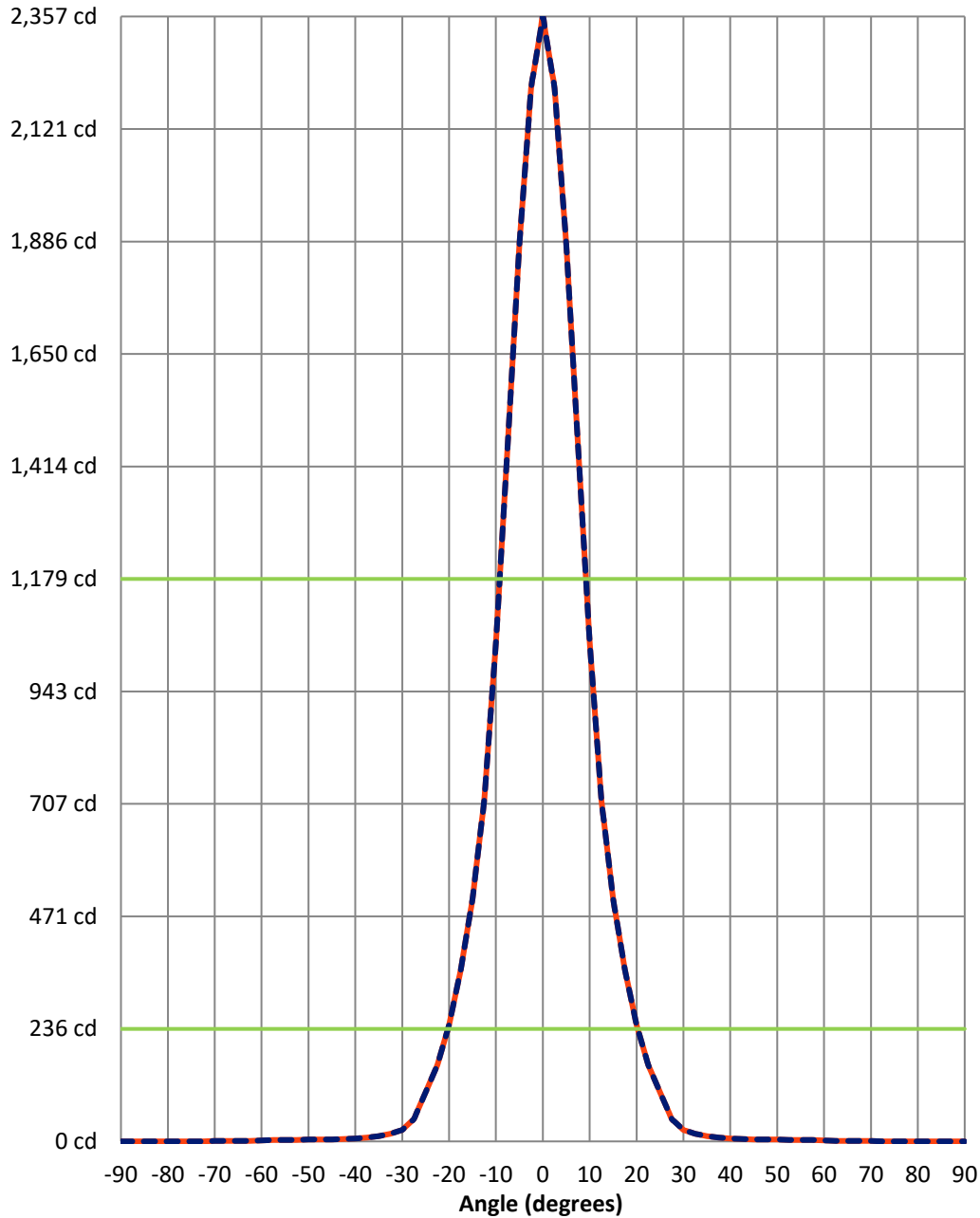
REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 203-8LED4025-12-CS

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 18.4°  
V Angle: 18.4°  
Lumens: 135.8  
Efficiency: 37.7%

**Field:**  
H Angle: 40.5°  
V Angle: 40.5°  
Lumens: 298.7  
Efficiency: 83.0%

**Spill:**  
Lumens: 61.4  
Efficiency: 17.0%

— 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	0
45°	0	0	0	0	0	0	0	0	0	0	0
42.5°	0	0	0	0	0	0	0	0	0	0	0
40°	0	0	0	0	0	0	0	0	0	0	1
37.5°	0	0	0	0	0	0	0	0	0	0	1
35°	0	0	0	0	0	0	0	0	0	0	1
32.5°	0	0	0	0	0	0	0	0	0	1	1
30°	0	0	0	0	0	0	0	0	0	1	1
27.5°	0	0	0	0	0	0	0	0	0	1	1
25°	0	0	0	0	0	0	0	0	0	1	1
22.5°	0	0	0	0	0	0	0	0	0	1	1
20°	0	0	0	0	0	0	0	0	0	1	1
17.5°	0	0	0	0	0	0	0	0	1	1	1
15°	0	0	0	0	0	0	0	0	1	1	1
12.5°	0	0	0	0	0	0	0	0	1	1	1
10°	0	0	0	0	0	0	0	0	1	1	1
7.5°	0	0	0	0	0	0	0	0	1	1	1
5°	0	0	0	0	0	0	0	0	1	1	1
2.5°	0	0	0	0	0	0	0	0	1	1	1
0°	0	0	0	0	0	0	0	0	1	1	1
-2.5°	0	0	0	0	0	0	0	0	1	1	1
-5°	0	0	0	0	0	0	0	0	1	1	1
-7.5°	0	0	0	0	0	0	0	0	1	1	1
-10°	0	0	0	0	0	0	0	0	1	1	1
-12.5°	0	0	0	0	0	0	0	0	1	1	1
-15°	0	0	0	0	0	0	0	0	1	1	1
-17.5°	0	0	0	0	0	0	0	0	1	1	1
-20°	0	0	0	0	0	0	0	0	0	1	1



REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-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	0	1	1
-25°	0	0	0	0	0	0	0	0	0	1	1
-27.5°	0	0	0	0	0	0	0	0	0	1	1
-30°	0	0	0	0	0	0	0	0	0	1	1
-32.5°	0	0	0	0	0	0	0	0	0	1	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	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





REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-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	0	0
65°	0	0	0	0	0	0	0	0	0	1	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
52.5°	0	0	1	1	1	1	1	1	1	1	2
50°	0	0	1	1	1	1	1	1	1	2	2
47.5°	0	1	1	1	1	1	1	1	2	2	3
45°	1	1	1	1	1	1	1	2	3	3	3
42.5°	1	1	1	1	1	1	2	3	3	3	3
40°	1	1	1	1	1	2	2	3	3	3	3
37.5°	1	1	1	1	2	2	3	3	3	3	4
35°	1	1	1	1	2	3	3	3	3	4	4
32.5°	1	1	1	2	2	3	3	3	3	4	4
30°	1	1	1	2	3	3	3	3	4	4	4
27.5°	1	1	1	2	3	3	3	4	4	4	4
25°	1	1	2	3	3	3	3	4	4	4	4
22.5°	1	1	2	3	3	3	3	4	4	4	5
20°	1	1	2	3	3	3	4	4	4	4	5
17.5°	1	1	2	3	3	3	4	4	4	5	6
15°	1	2	3	3	3	3	4	4	4	5	6
12.5°	1	2	3	3	3	4	4	4	4	5	7
10°	1	2	3	3	3	4	4	4	5	6	7
7.5°	1	2	3	3	3	4	4	4	5	6	7
5°	1	2	3	3	3	4	4	4	5	6	8
2.5°	1	2	3	3	3	4	4	4	5	6	8
0°	1	2	3	3	3	4	4	4	5	6	8
-2.5°	1	2	3	3	3	4	4	4	5	6	8
-5°	1	2	3	3	3	4	4	4	5	6	8
-7.5°	1	2	3	3	3	4	4	4	5	6	7
-10°	1	2	3	3	3	4	4	4	5	6	7
-12.5°	1	2	3	3	3	4	4	4	4	5	7
-15°	1	2	3	3	3	3	4	4	4	5	6
-17.5°	1	1	2	3	3	3	4	4	4	5	6
-20°	1	1	2	3	3	3	4	4	4	4	5



REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1	1	2	3	3	3	3	4	4	4	5
-25°	1	1	2	3	3	3	3	4	4	4	4
-27.5°	1	1	1	2	3	3	3	4	4	4	4
-30°	1	1	1	2	3	3	3	3	4	4	4
-32.5°	1	1	1	2	2	3	3	3	3	4	4
-35°	1	1	1	1	2	3	3	3	3	4	4
-37.5°	1	1	1	1	2	2	3	3	3	3	4
-40°	1	1	1	1	1	2	2	3	3	3	3
-42.5°	1	1	1	1	1	1	2	3	3	3	3
-45°	1	1	1	1	1	1	1	2	3	3	3
-47.5°	0	1	1	1	1	1	1	1	2	2	3
-50°	0	0	1	1	1	1	1	1	1	2	2
-52.5°	0	0	1	1	1	1	1	1	1	1	2
-55°	0	0	0	1	1	1	1	1	1	1	1
-57.5°	0	0	0	0	1	1	1	1	1	1	1
-60°	0	0	0	0	0	0	1	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-65°	0	0	0	0	0	0	0	0	0	1	1
-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: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-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	0	0	0	0	0
70°	0	0	0	0	0	0	0	1	1	1	1
67.5°	0	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	1	1
60°	1	1	1	1	1	1	1	1	2	2	2
57.5°	1	1	1	1	2	2	2	2	3	3	3
55°	1	2	2	2	3	3	3	3	3	3	3
52.5°	2	2	3	3	3	3	3	3	3	3	3
50°	3	3	3	3	3	3	3	3	3	4	4
47.5°	3	3	3	3	3	3	4	4	4	4	4
45°	3	3	3	4	4	4	4	4	4	4	4
42.5°	3	3	4	4	4	4	4	4	4	4	5
40°	4	4	4	4	4	4	4	5	5	5	6
37.5°	4	4	4	4	4	5	5	6	6	7	7
35°	4	4	4	5	5	6	6	7	8	9	10
32.5°	4	4	5	5	6	7	8	9	10	12	13
30°	4	5	5	6	7	9	10	12	15	17	19
27.5°	5	5	6	8	9	11	14	17	21	24	32
25°	5	6	7	9	11	15	19	23	34	45	63
22.5°	6	7	9	11	15	20	26	40	62	90	114
20°	6	8	10	14	19	26	42	73	107	138	168
17.5°	7	9	12	17	23	40	73	113	151	197	241
15°	8	10	15	21	34	62	107	151	207	270	338
12.5°	9	12	17	24	45	90	138	197	270	355	451
10°	10	13	19	32	63	114	168	241	338	451	582
7.5°	10	14	21	38	80	134	200	291	405	546	718
5°	11	15	23	43	93	148	224	329	461	636	891
2.5°	11	16	24	46	100	157	239	352	496	695	1006
0°	11	16	24	47	103	160	244	360	508	715	1046
-2.5°	11	16	24	46	100	157	239	352	496	695	1006
-5°	11	15	23	43	93	148	224	329	461	636	891
-7.5°	10	14	21	38	80	134	200	291	405	546	718
-10°	10	13	19	32	63	114	168	241	338	451	582
-12.5°	9	12	17	24	45	90	138	197	270	355	451
-15°	8	10	15	21	34	62	107	151	207	270	338
-17.5°	7	9	12	17	23	40	73	113	151	197	241
-20°	6	8	10	14	19	26	42	73	107	138	168



REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6	7	9	11	15	20	26	40	62	90	114
-25°	5	6	7	9	11	15	19	23	34	45	63
-27.5°	5	5	6	8	9	11	14	17	21	24	32
-30°	4	5	5	6	7	9	10	12	15	17	19
-32.5°	4	4	5	5	6	7	8	9	10	12	13
-35°	4	4	4	5	5	6	6	7	8	9	10
-37.5°	4	4	4	4	4	5	5	6	6	7	7
-40°	4	4	4	4	4	4	4	5	5	5	6
-42.5°	3	3	4	4	4	4	4	4	4	4	5
-45°	3	3	3	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	3	3	4	4	4	4	4
-50°	3	3	3	3	3	3	3	3	3	4	4
-52.5°	2	2	3	3	3	3	3	3	3	3	3
-55°	1	2	2	2	3	3	3	3	3	3	3
-57.5°	1	1	1	1	2	2	2	2	3	3	3
-60°	1	1	1	1	1	1	1	1	2	2	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-70°	0	0	0	0	0	0	0	1	1	1	1
-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: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-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°	0	0	0	0	0	0	0	0	0	0	0
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°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	1
57.5°	3	3	3	3	3	3	3	3	3	3	2
55°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	4	4	4	4	3	3
47.5°	4	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	4	4	4	4
42.5°	5	5	5	5	5	5	5	5	4	4	4
40°	6	6	6	6	6	6	6	6	5	5	5
37.5°	7	8	8	8	8	8	7	7	7	6	6
35°	10	11	11	11	11	11	10	10	9	8	7
32.5°	14	15	16	16	16	15	14	13	12	10	9
30°	21	23	24	24	24	23	21	19	17	15	12
27.5°	38	43	46	47	46	43	38	32	24	21	17
25°	80	93	100	103	100	93	80	63	45	34	23
22.5°	134	148	157	160	157	148	134	114	90	62	40
20°	200	224	239	244	239	224	200	168	138	107	73
17.5°	291	329	352	360	352	329	291	241	197	151	113
15°	405	461	496	508	496	461	405	338	270	207	151
12.5°	546	636	695	715	695	636	546	451	355	270	197
10°	718	891	1006	1046	1006	891	718	582	451	338	241
7.5°	968	1207	1389	1459	1389	1207	968	718	546	405	291
5°	1207	1534	1784	1879	1784	1534	1207	891	636	461	329
2.5°	1389	1784	2089	2207	2089	1784	1389	1006	695	496	352
0°	1459	1879	2207	2357	2207	1879	1459	1046	715	508	360
-2.5°	1389	1784	2089	2207	2089	1784	1389	1006	695	496	352
-5°	1207	1534	1784	1879	1784	1534	1207	891	636	461	329
-7.5°	968	1207	1389	1459	1389	1207	968	718	546	405	291
-10°	718	891	1006	1046	1006	891	718	582	451	338	241
-12.5°	546	636	695	715	695	636	546	451	355	270	197
-15°	405	461	496	508	496	461	405	338	270	207	151
-17.5°	291	329	352	360	352	329	291	241	197	151	113
-20°	200	224	239	244	239	224	200	168	138	107	73



REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	134	148	157	160	157	148	134	114	90	62	40
-25°	80	93	100	103	100	93	80	63	45	34	23
-27.5°	38	43	46	47	46	43	38	32	24	21	17
-30°	21	23	24	24	24	23	21	19	17	15	12
-32.5°	14	15	16	16	16	15	14	13	12	10	9
-35°	10	11	11	11	11	11	10	10	9	8	7
-37.5°	7	8	8	8	8	8	7	7	7	6	6
-40°	6	6	6	6	6	6	6	6	5	5	5
-42.5°	5	5	5	5	5	5	5	5	4	4	4
-45°	4	4	4	4	4	4	4	4	4	4	4
-47.5°	4	4	4	4	4	4	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	3	3	3	3	3	3	3	3	3	3	2
-60°	2	2	2	2	2	2	2	2	2	2	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	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-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: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-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°	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°	1	1	1	1	1	1	0	0	0	0	0
65°	1	1	1	1	1	1	1	1	1	0	0
62.5°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	2	2	1	1	1	1	1	1	1	1
55°	3	3	3	2	2	2	1	1	1	1	1
52.5°	3	3	3	3	3	2	2	2	1	1	1
50°	3	3	3	3	3	3	3	2	2	1	1
47.5°	4	3	3	3	3	3	3	3	2	2	1
45°	4	4	4	4	3	3	3	3	3	3	2
42.5°	4	4	4	4	4	3	3	3	3	3	3
40°	4	4	4	4	4	4	4	3	3	3	3
37.5°	5	5	4	4	4	4	4	4	3	3	3
35°	6	6	5	5	4	4	4	4	4	3	3
32.5°	8	7	6	5	5	4	4	4	4	3	3
30°	10	9	7	6	5	5	4	4	4	4	3
27.5°	14	11	9	8	6	5	5	4	4	4	4
25°	19	15	11	9	7	6	5	4	4	4	4
22.5°	26	20	15	11	9	7	6	5	4	4	4
20°	42	26	19	14	10	8	6	5	4	4	4
17.5°	73	40	23	17	12	9	7	6	5	4	4
15°	107	62	34	21	15	10	8	6	5	4	4
12.5°	138	90	45	24	17	12	9	7	5	4	4
10°	168	114	63	32	19	13	10	7	6	5	4
7.5°	200	134	80	38	21	14	10	7	6	5	4
5°	224	148	93	43	23	15	11	8	6	5	4
2.5°	239	157	100	46	24	16	11	8	6	5	4
0°	244	160	103	47	24	16	11	8	6	5	4
-2.5°	239	157	100	46	24	16	11	8	6	5	4
-5°	224	148	93	43	23	15	11	8	6	5	4
-7.5°	200	134	80	38	21	14	10	7	6	5	4
-10°	168	114	63	32	19	13	10	7	6	5	4
-12.5°	138	90	45	24	17	12	9	7	5	4	4
-15°	107	62	34	21	15	10	8	6	5	4	4
-17.5°	73	40	23	17	12	9	7	6	5	4	4
-20°	42	26	19	14	10	8	6	5	4	4	4



REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	26	20	15	11	9	7	6	5	4	4	4
-25°	19	15	11	9	7	6	5	4	4	4	4
-27.5°	14	11	9	8	6	5	5	4	4	4	4
-30°	10	9	7	6	5	5	4	4	4	4	3
-32.5°	8	7	6	5	5	4	4	4	4	3	3
-35°	6	6	5	5	4	4	4	4	4	3	3
-37.5°	5	5	4	4	4	4	4	4	3	3	3
-40°	4	4	4	4	4	4	4	3	3	3	3
-42.5°	4	4	4	4	4	3	3	3	3	3	3
-45°	4	4	4	4	3	3	3	3	3	3	2
-47.5°	4	3	3	3	3	3	3	3	2	2	1
-50°	3	3	3	3	3	3	3	2	2	1	1
-52.5°	3	3	3	3	3	2	2	2	1	1	1
-55°	3	3	3	2	2	2	1	1	1	1	1
-57.5°	2	2	2	1	1	1	1	1	1	1	1
-60°	1	1	1	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	0	0
-67.5°	1	1	1	1	1	1	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: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-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°	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°	1	0	0	0	0	0	0	0	0	0	0
57.5°	1	1	1	0	0	0	0	0	0	0	0
55°	1	1	1	1	0	0	0	0	0	0	0
52.5°	1	1	1	1	1	0	0	0	0	0	0
50°	1	1	1	1	1	0	0	0	0	0	0
47.5°	1	1	1	1	1	1	0	0	0	0	0
45°	1	1	1	1	1	1	1	0	0	0	0
42.5°	2	1	1	1	1	1	1	0	0	0	0
40°	2	2	1	1	1	1	1	1	0	0	0
37.5°	3	2	2	1	1	1	1	1	0	0	0
35°	3	3	2	1	1	1	1	1	0	0	0
32.5°	3	3	2	2	1	1	1	1	1	0	0
30°	3	3	3	2	1	1	1	1	1	0	0
27.5°	3	3	3	2	1	1	1	1	1	0	0
25°	3	3	3	3	2	1	1	1	1	0	0
22.5°	3	3	3	3	2	1	1	1	1	0	0
20°	4	3	3	3	2	1	1	1	1	0	0
17.5°	4	3	3	3	2	1	1	1	1	1	0
15°	4	3	3	3	3	2	1	1	1	1	0
12.5°	4	4	3	3	3	2	1	1	1	1	0
10°	4	4	3	3	3	2	1	1	1	1	0
7.5°	4	4	3	3	3	2	1	1	1	1	0
5°	4	4	3	3	3	2	1	1	1	1	0
2.5°	4	4	3	3	3	2	1	1	1	1	0
0°	4	4	3	3	3	2	1	1	1	1	0
-2.5°	4	4	3	3	3	2	1	1	1	1	0
-5°	4	4	3	3	3	2	1	1	1	1	0
-7.5°	4	4	3	3	3	2	1	1	1	1	0
-10°	4	4	3	3	3	2	1	1	1	1	0
-12.5°	4	4	3	3	3	2	1	1	1	1	0
-15°	4	3	3	3	3	2	1	1	1	1	0
-17.5°	4	3	3	3	2	1	1	1	1	1	0
-20°	4	3	3	3	2	1	1	1	1	0	0



REPORT NUMBER: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3	3	3	3	2	1	1	1	1	0	0
-25°	3	3	3	3	2	1	1	1	1	0	0
-27.5°	3	3	3	2	1	1	1	1	1	0	0
-30°	3	3	3	2	1	1	1	1	1	0	0
-32.5°	3	3	2	2	1	1	1	1	1	0	0
-35°	3	3	2	1	1	1	1	1	0	0	0
-37.5°	3	2	2	1	1	1	1	1	0	0	0
-40°	2	2	1	1	1	1	1	1	0	0	0
-42.5°	2	1	1	1	1	1	1	0	0	0	0
-45°	1	1	1	1	1	1	1	0	0	0	0
-47.5°	1	1	1	1	1	1	0	0	0	0	0
-50°	1	1	1	1	1	0	0	0	0	0	0
-52.5°	1	1	1	1	1	0	0	0	0	0	0
-55°	1	1	1	1	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	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: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-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: G2-1802-569-8 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-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)