

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: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Test Date: 04/05/18

**Test Information**

Test Method: LM-79-08  
Report Number: G2-1802-569-40 (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-DIFF  
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 4000K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD SILVER, DIFFUSED LENS  
Light Source: (1) SORAA 4000K 90 CRI LED  
SM16-07-25D-940-03  
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

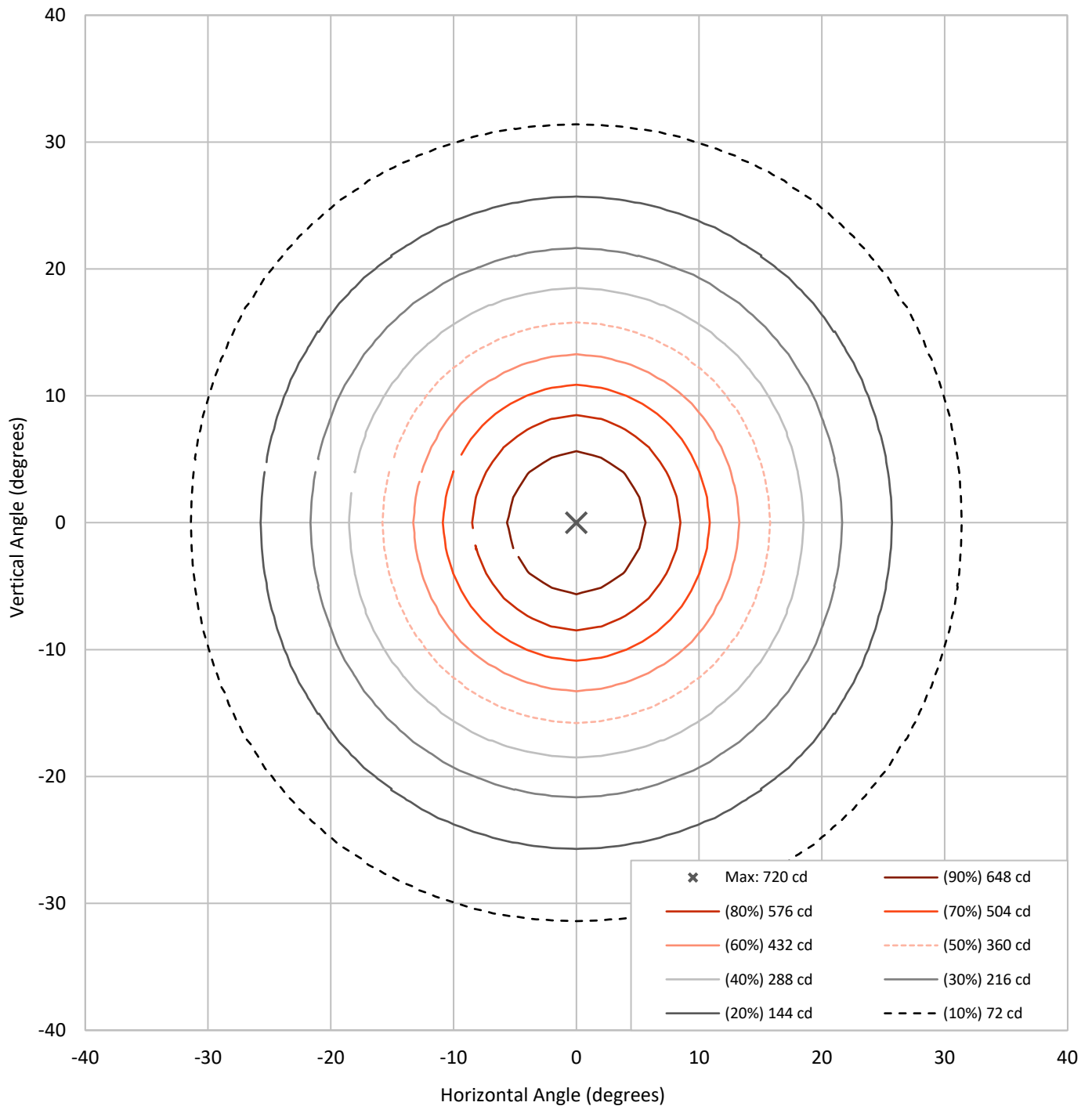
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	281.1 lumens	Max Intensity:	720 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	36.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	31.6°H x 31.6°V	Field Angle (10%):	62.8°H x 62.8°V
Beam Lumens:	116.5 lumens	Field Lumens:	239.2 lumens
Beam Efficiency:	41.4%	Field Efficiency:	85.1%
Input Watts (W):	7.8		
Input Voltage (V):	12.0		
Input Current (Ain):	0.684		
Voltage Rise (V):	NR		
Power Factor:	0.9908		
Total Harmonic Distortion (THDi):	27.1%		
Frequency (hertz):	60		
Stabilization Time:	0.5 HR		
Operation Time:	3 HR		
Ambient Temperature (°C):	25.0		
Test Distance:	25 FT		



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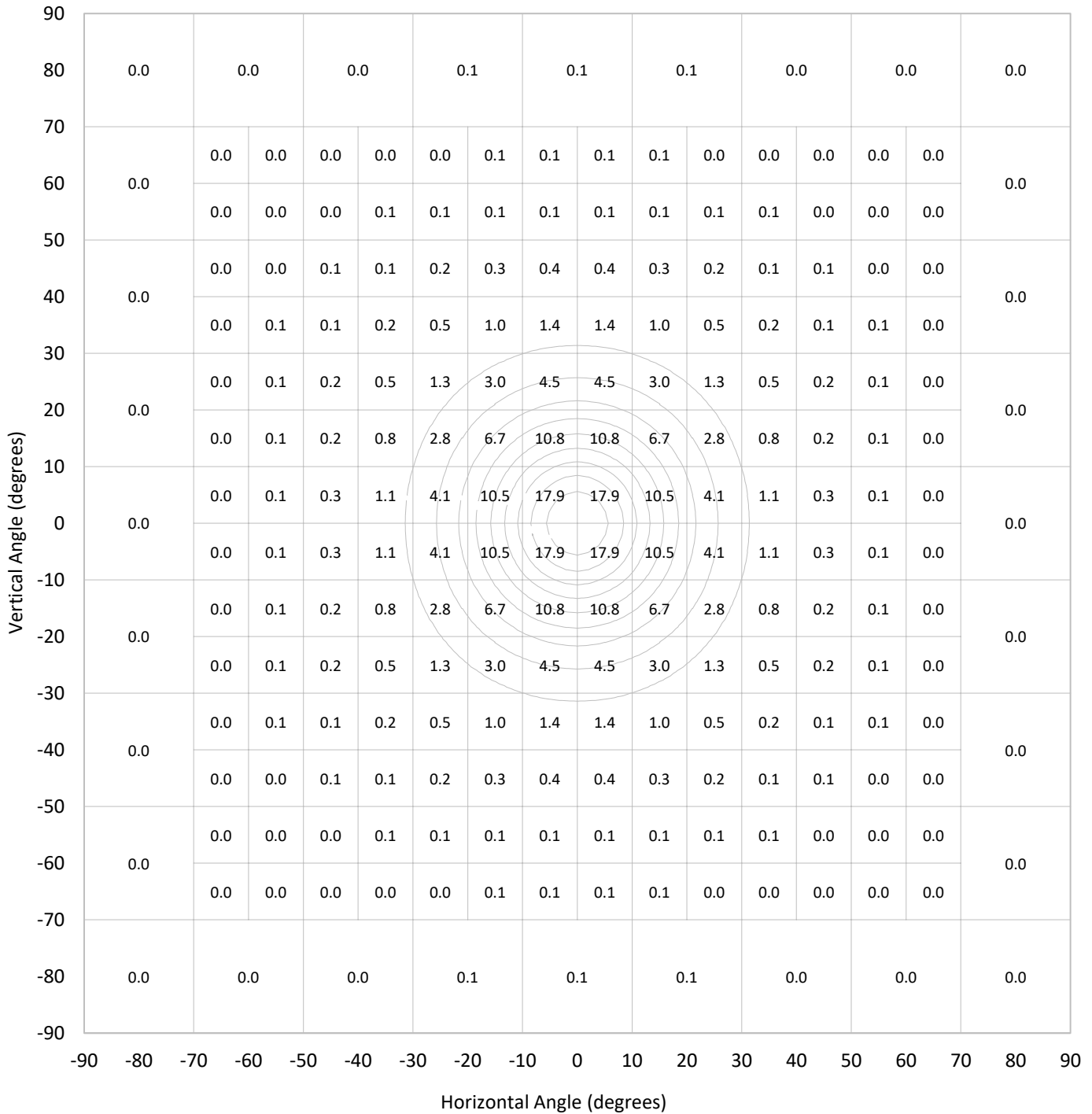
### Iso-Candela Plot





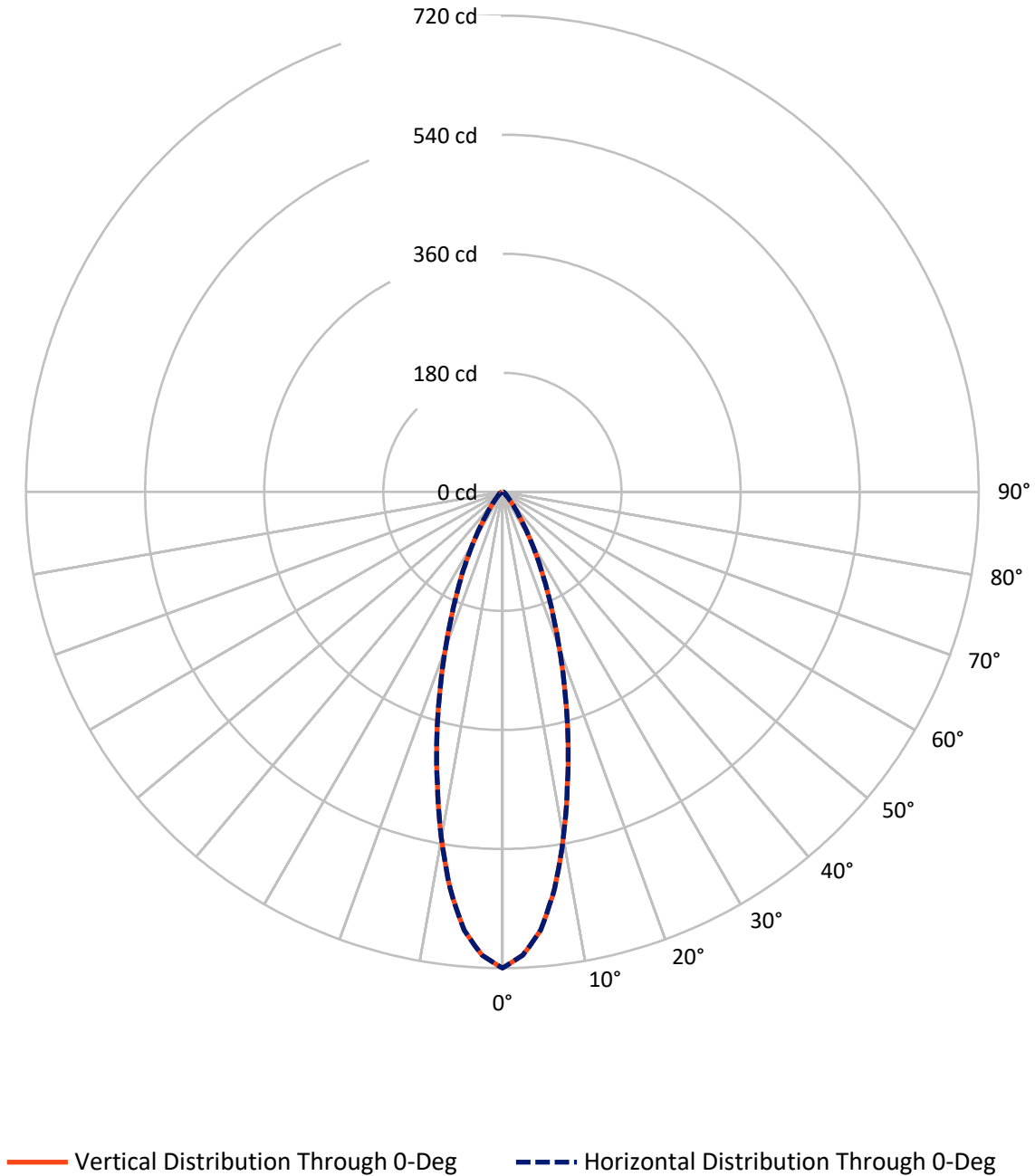
REPORT NUMBER: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table



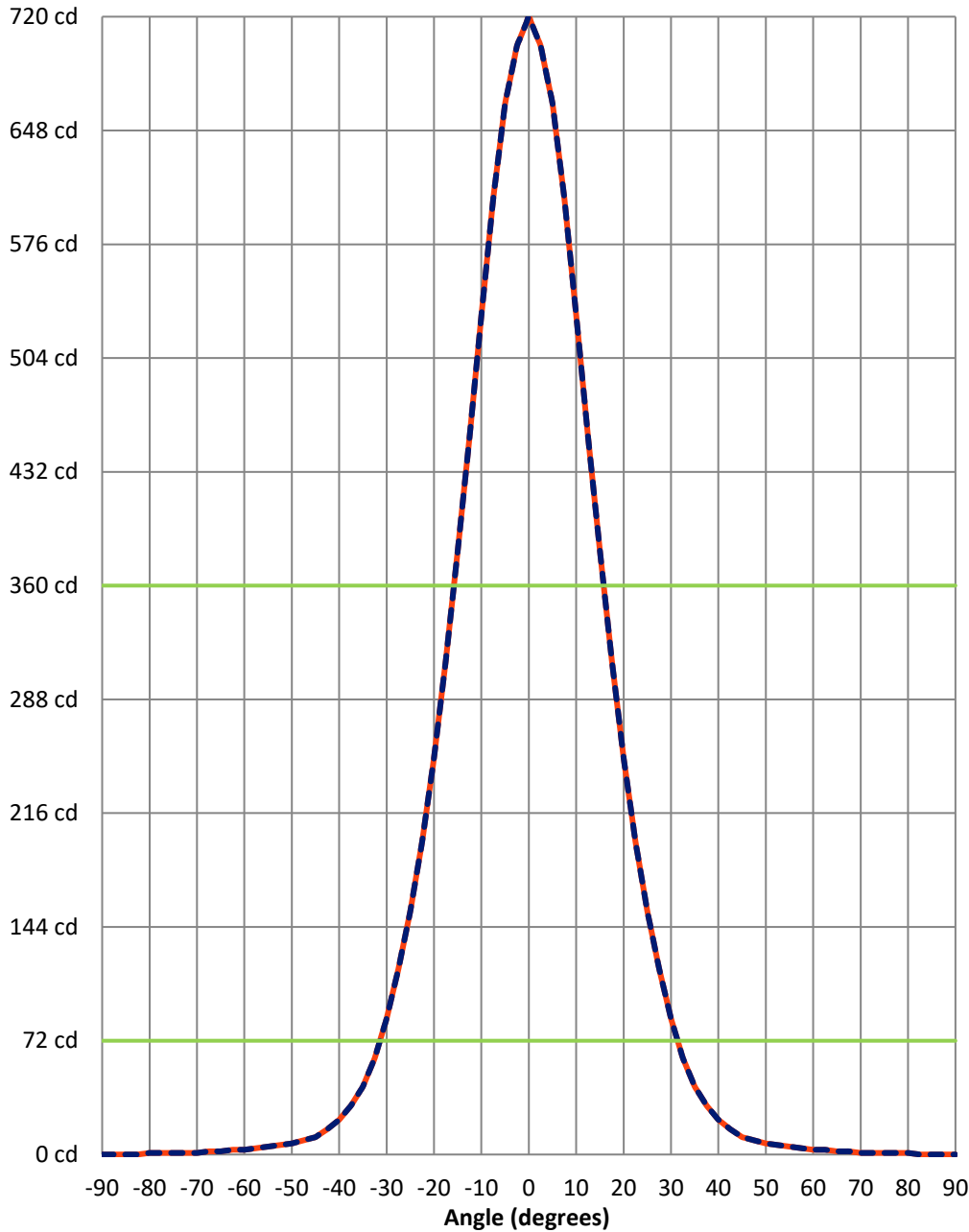
REPORT NUMBER: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 31.6°  
 V Angle: 31.6°  
 Lumens: 116.5  
 Efficiency: 41.4%

**Field:**  
 H Angle: 62.8°  
 V Angle: 62.8°  
 Lumens: 239.2  
 Efficiency: 85.1%

**Spill:**  
 Lumens: 41.9  
 Efficiency: 14.9%

- 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	1
65°	0	0	0	0	0	0	0	0	0	1	1
62.5°	0	0	0	0	0	0	0	0	1	1	1
60°	0	0	0	0	0	0	0	0	1	1	1
57.5°	0	0	0	0	0	0	0	1	1	1	1
55°	0	0	0	0	0	0	0	1	1	1	1
52.5°	0	0	0	0	0	0	1	1	1	1	1
50°	0	0	0	0	0	0	1	1	1	1	1
47.5°	0	0	0	0	0	0	1	1	1	1	1
45°	0	0	0	0	0	1	1	1	1	1	1
42.5°	0	0	0	0	0	1	1	1	1	1	1
40°	0	0	0	0	0	1	1	1	1	1	1
37.5°	0	0	0	0	0	1	1	1	1	1	1
35°	0	0	0	0	0	1	1	1	1	1	1
32.5°	0	0	0	0	0	1	1	1	1	1	1
30°	0	0	0	0	0	1	1	1	1	1	2
27.5°	0	0	0	0	1	1	1	1	1	1	2
25°	0	0	0	0	1	1	1	1	1	1	2
22.5°	0	0	0	0	1	1	1	1	1	1	2
20°	0	0	0	0	1	1	1	1	1	1	2
17.5°	0	0	0	0	1	1	1	1	1	2	2
15°	0	0	0	0	1	1	1	1	1	2	2
12.5°	0	0	0	0	1	1	1	1	1	2	2
10°	0	0	0	0	1	1	1	1	1	2	2
7.5°	0	0	0	0	1	1	1	1	1	2	2
5°	0	0	0	0	1	1	1	1	1	2	2
2.5°	0	0	0	0	1	1	1	1	1	2	2
0°	0	0	0	0	1	1	1	1	1	2	2
-2.5°	0	0	0	0	1	1	1	1	1	2	2
-5°	0	0	0	0	1	1	1	1	1	2	2
-7.5°	0	0	0	0	1	1	1	1	1	2	2
-10°	0	0	0	0	1	1	1	1	1	2	2
-12.5°	0	0	0	0	1	1	1	1	1	2	2
-15°	0	0	0	0	1	1	1	1	1	2	2
-17.5°	0	0	0	0	1	1	1	1	1	2	2
-20°	0	0	0	0	1	1	1	1	1	1	2



REPORT NUMBER: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

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

**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	1	1	1	1
75°	0	0	0	0	1	1	1	1	1	1	1
72.5°	0	0	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°	1	1	1	1	1	1	1	1	1	1	2
60°	1	1	1	1	1	1	1	1	2	2	2
57.5°	1	1	1	1	1	1	2	2	2	2	2
55°	1	1	1	1	1	2	2	2	2	2	3
52.5°	1	1	1	1	2	2	2	2	3	3	3
50°	1	1	1	2	2	2	2	3	3	3	3
47.5°	1	1	2	2	2	2	3	3	3	3	4
45°	1	1	2	2	2	3	3	3	4	4	5
42.5°	1	2	2	2	3	3	3	4	4	5	5
40°	1	2	2	2	3	3	3	4	5	5	6
37.5°	2	2	2	3	3	3	4	5	5	6	7
35°	2	2	2	3	3	4	4	5	6	7	7
32.5°	2	2	3	3	3	4	5	6	6	7	9
30°	2	2	3	3	4	5	5	6	7	8	10
27.5°	2	3	3	3	4	5	6	7	8	9	11
25°	2	3	3	4	4	5	6	7	9	10	13
22.5°	2	3	3	4	5	6	6	8	9	11	15
20°	2	3	3	4	5	6	7	8	10	13	18
17.5°	2	3	3	4	5	6	7	9	11	15	20
15°	3	3	4	4	5	6	8	9	12	17	22
12.5°	3	3	4	5	6	7	8	10	13	18	25
10°	3	3	4	5	6	7	8	10	14	20	27
7.5°	3	3	4	5	6	7	9	11	15	21	29
5°	3	3	4	5	6	7	9	11	16	21	30
2.5°	3	3	4	5	6	7	9	11	16	22	31
0°	3	3	4	5	6	7	9	11	16	22	31
-2.5°	3	3	4	5	6	7	9	11	16	22	31
-5°	3	3	4	5	6	7	9	11	16	21	30
-7.5°	3	3	4	5	6	7	9	11	15	21	29
-10°	3	3	4	5	6	7	8	10	14	20	27
-12.5°	3	3	4	5	6	7	8	10	13	18	25
-15°	3	3	4	4	5	6	8	9	12	17	22
-17.5°	2	3	3	4	5	6	7	9	11	15	20
-20°	2	3	3	4	5	6	7	8	10	13	18



REPORT NUMBER: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2	3	3	4	5	6	6	8	9	11	15
-25°	2	3	3	4	4	5	6	7	9	10	13
-27.5°	2	3	3	3	4	5	6	7	8	9	11
-30°	2	2	3	3	4	5	5	6	7	8	10
-32.5°	2	2	3	3	3	4	5	6	6	7	9
-35°	2	2	2	3	3	4	4	5	6	7	7
-37.5°	2	2	2	3	3	3	4	5	5	6	7
-40°	1	2	2	2	3	3	3	4	5	5	6
-42.5°	1	2	2	2	3	3	3	4	4	5	5
-45°	1	1	2	2	2	3	3	3	4	4	5
-47.5°	1	1	2	2	2	2	3	3	3	3	4
-50°	1	1	1	2	2	2	2	3	3	3	3
-52.5°	1	1	1	1	2	2	2	2	3	3	3
-55°	1	1	1	1	1	2	2	2	2	2	3
-57.5°	1	1	1	1	1	1	2	2	2	2	2
-60°	1	1	1	1	1	1	1	1	2	2	2
-62.5°	1	1	1	1	1	1	1	1	1	1	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°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	1	1	1	1	1	1	1	1	1
-75°	0	0	0	0	1	1	1	1	1	1	1
-77.5°	0	0	0	0	0	0	0	1	1	1	1
-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: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**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	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
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	2	2	2	2
65°	1	1	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	3	3	3
60°	2	2	2	3	3	3	3	3	3	3	3
57.5°	2	3	3	3	3	3	3	3	4	4	4
55°	3	3	3	3	4	4	4	4	4	5	5
52.5°	3	3	4	4	4	5	5	5	5	6	6
50°	4	4	5	5	5	6	6	6	6	7	7
47.5°	4	5	5	6	6	6	7	7	8	8	8
45°	5	6	6	7	7	8	8	9	9	10	10
42.5°	6	6	7	8	9	9	10	11	12	13	14
40°	7	7	8	9	10	11	13	15	17	18	20
37.5°	7	9	10	11	13	15	18	20	22	25	27
35°	9	10	11	14	17	20	23	27	30	34	37
32.5°	10	12	15	18	22	26	31	36	41	46	51
30°	11	15	19	23	28	34	40	48	56	63	71
27.5°	14	18	23	29	36	43	54	64	76	86	96
25°	17	22	28	36	45	56	70	84	99	114	127
22.5°	20	26	34	43	56	72	89	108	126	145	162
20°	23	31	40	54	70	89	111	133	157	180	203
17.5°	27	36	48	64	84	108	133	161	190	220	249
15°	30	41	56	76	99	126	157	190	226	265	301
12.5°	34	46	63	86	114	145	180	220	265	310	354
10°	37	51	71	96	127	162	203	249	301	354	407
7.5°	40	56	78	105	138	176	222	276	333	395	455
5°	42	59	82	112	147	188	237	296	359	426	494
2.5°	43	60	85	116	152	195	248	309	376	447	521
0°	43	61	86	118	154	198	251	313	382	454	531
-2.5°	43	60	85	116	152	195	248	309	376	447	521
-5°	42	59	82	112	147	188	237	296	359	426	494
-7.5°	40	56	78	105	138	176	222	276	333	395	455
-10°	37	51	71	96	127	162	203	249	301	354	407
-12.5°	34	46	63	86	114	145	180	220	265	310	354
-15°	30	41	56	76	99	126	157	190	226	265	301
-17.5°	27	36	48	64	84	108	133	161	190	220	249
-20°	23	31	40	54	70	89	111	133	157	180	203



REPORT NUMBER: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	20	26	34	43	56	72	89	108	126	145	162
-25°	17	22	28	36	45	56	70	84	99	114	127
-27.5°	14	18	23	29	36	43	54	64	76	86	96
-30°	11	15	19	23	28	34	40	48	56	63	71
-32.5°	10	12	15	18	22	26	31	36	41	46	51
-35°	9	10	11	14	17	20	23	27	30	34	37
-37.5°	7	9	10	11	13	15	18	20	22	25	27
-40°	7	7	8	9	10	11	13	15	17	18	20
-42.5°	6	6	7	8	9	9	10	11	12	13	14
-45°	5	6	6	7	7	8	8	9	9	10	10
-47.5°	4	5	5	6	6	6	7	7	8	8	8
-50°	4	4	5	5	5	6	6	6	6	7	7
-52.5°	3	3	4	4	4	5	5	5	5	6	6
-55°	3	3	3	3	4	4	4	4	4	5	5
-57.5°	2	3	3	3	3	3	3	3	4	4	4
-60°	2	2	2	3	3	3	3	3	3	3	3
-62.5°	2	2	2	2	2	2	2	2	3	3	3
-65°	1	1	2	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	1	2	2	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1
-80°	0	0	0	1	1	1	1	1	1	1	1
-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: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**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°	1	1	1	1	1	1	1	1	1	1	1
77.5°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
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°	2	2	2	2	2	2	2	2	2	2	2
65°	2	2	2	2	2	2	2	2	2	2	2
62.5°	3	3	3	3	3	3	3	3	3	3	2
60°	3	3	3	3	3	3	3	3	3	3	3
57.5°	4	4	4	4	4	4	4	4	4	4	3
55°	5	5	5	5	5	5	5	5	5	4	4
52.5°	6	6	6	6	6	6	6	6	6	5	5
50°	7	7	7	7	7	7	7	7	7	6	6
47.5°	9	9	9	9	9	9	9	8	8	8	7
45°	11	11	11	11	11	11	11	10	10	9	9
42.5°	15	16	16	16	16	16	15	14	13	12	11
40°	21	21	22	22	22	21	21	20	18	17	15
37.5°	29	30	31	31	31	30	29	27	25	22	20
35°	40	42	43	43	43	42	40	37	34	30	27
32.5°	56	59	60	61	60	59	56	51	46	41	36
30°	78	82	85	86	85	82	78	71	63	56	48
27.5°	105	112	116	118	116	112	105	96	86	76	64
25°	138	147	152	154	152	147	138	127	114	99	84
22.5°	176	188	195	198	195	188	176	162	145	126	108
20°	222	237	248	251	248	237	222	203	180	157	133
17.5°	276	296	309	313	309	296	276	249	220	190	161
15°	333	359	376	382	376	359	333	301	265	226	190
12.5°	395	426	447	454	447	426	395	354	310	265	220
10°	455	494	521	531	521	494	455	407	354	301	249
7.5°	512	561	594	605	594	561	512	455	395	333	276
5°	561	617	653	665	653	617	561	494	426	359	296
2.5°	594	653	689	702	689	653	594	521	447	376	309
0°	605	665	702	720	702	665	605	531	454	382	313
-2.5°	594	653	689	702	689	653	594	521	447	376	309
-5°	561	617	653	665	653	617	561	494	426	359	296
-7.5°	512	561	594	605	594	561	512	455	395	333	276
-10°	455	494	521	531	521	494	455	407	354	301	249
-12.5°	395	426	447	454	447	426	395	354	310	265	220
-15°	333	359	376	382	376	359	333	301	265	226	190
-17.5°	276	296	309	313	309	296	276	249	220	190	161
-20°	222	237	248	251	248	237	222	203	180	157	133



REPORT NUMBER: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	176	188	195	198	195	188	176	162	145	126	108
-25°	138	147	152	154	152	147	138	127	114	99	84
-27.5°	105	112	116	118	116	112	105	96	86	76	64
-30°	78	82	85	86	85	82	78	71	63	56	48
-32.5°	56	59	60	61	60	59	56	51	46	41	36
-35°	40	42	43	43	43	42	40	37	34	30	27
-37.5°	29	30	31	31	31	30	29	27	25	22	20
-40°	21	21	22	22	22	21	21	20	18	17	15
-42.5°	15	16	16	16	16	16	15	14	13	12	11
-45°	11	11	11	11	11	11	11	10	10	9	9
-47.5°	9	9	9	9	9	9	9	8	8	8	7
-50°	7	7	7	7	7	7	7	7	7	6	6
-52.5°	6	6	6	6	6	6	6	6	6	5	5
-55°	5	5	5	5	5	5	5	5	5	4	4
-57.5°	4	4	4	4	4	4	4	4	4	4	3
-60°	3	3	3	3	3	3	3	3	3	3	3
-62.5°	3	3	3	3	3	3	3	3	3	3	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	1	1	1	1	1	1	1
-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: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**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°	1	1	1	1	0	0	0	0	0	0	0
77.5°	1	1	1	1	1	1	1	1	1	1	1
75°	1	1	1	1	1	1	1	1	1	1	1
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°	2	2	2	2	2	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	2	1	1	1
60°	3	3	3	3	2	2	2	2	2	2	1
57.5°	3	3	3	3	3	3	2	2	2	2	2
55°	4	4	4	3	3	3	3	3	2	2	2
52.5°	5	5	4	4	4	3	3	3	3	3	2
50°	6	6	5	5	5	4	4	3	3	3	3
47.5°	7	6	6	6	5	5	4	4	3	3	3
45°	8	8	7	7	6	6	5	5	4	4	3
42.5°	10	9	9	8	7	6	6	5	5	4	4
40°	13	11	10	9	8	7	7	6	5	5	4
37.5°	18	15	13	11	10	9	7	7	6	5	5
35°	23	20	17	14	11	10	9	7	7	6	5
32.5°	31	26	22	18	15	12	10	9	7	6	6
30°	40	34	28	23	19	15	11	10	8	7	6
27.5°	54	43	36	29	23	18	14	11	9	8	7
25°	70	56	45	36	28	22	17	13	10	9	7
22.5°	89	72	56	43	34	26	20	15	11	9	8
20°	111	89	70	54	40	31	23	18	13	10	8
17.5°	133	108	84	64	48	36	27	20	15	11	9
15°	157	126	99	76	56	41	30	22	17	12	9
12.5°	180	145	114	86	63	46	34	25	18	13	10
10°	203	162	127	96	71	51	37	27	20	14	10
7.5°	222	176	138	105	78	56	40	29	21	15	11
5°	237	188	147	112	82	59	42	30	21	16	11
2.5°	248	195	152	116	85	60	43	31	22	16	11
0°	251	198	154	118	86	61	43	31	22	16	11
-2.5°	248	195	152	116	85	60	43	31	22	16	11
-5°	237	188	147	112	82	59	42	30	21	16	11
-7.5°	222	176	138	105	78	56	40	29	21	15	11
-10°	203	162	127	96	71	51	37	27	20	14	10
-12.5°	180	145	114	86	63	46	34	25	18	13	10
-15°	157	126	99	76	56	41	30	22	17	12	9
-17.5°	133	108	84	64	48	36	27	20	15	11	9
-20°	111	89	70	54	40	31	23	18	13	10	8



REPORT NUMBER: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	89	72	56	43	34	26	20	15	11	9	8
-25°	70	56	45	36	28	22	17	13	10	9	7
-27.5°	54	43	36	29	23	18	14	11	9	8	7
-30°	40	34	28	23	19	15	11	10	8	7	6
-32.5°	31	26	22	18	15	12	10	9	7	6	6
-35°	23	20	17	14	11	10	9	7	7	6	5
-37.5°	18	15	13	11	10	9	7	7	6	5	5
-40°	13	11	10	9	8	7	7	6	5	5	4
-42.5°	10	9	9	8	7	6	6	5	5	4	4
-45°	8	8	7	7	6	6	5	5	4	4	3
-47.5°	7	6	6	6	5	5	4	4	3	3	3
-50°	6	6	5	5	5	4	4	3	3	3	3
-52.5°	5	5	4	4	4	3	3	3	3	3	2
-55°	4	4	4	3	3	3	3	3	2	2	2
-57.5°	3	3	3	3	3	3	2	2	2	2	2
-60°	3	3	3	3	2	2	2	2	2	2	1
-62.5°	2	2	2	2	2	2	2	2	1	1	1
-65°	2	2	2	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-77.5°	1	1	1	1	1	1	1	1	1	1	1
-80°	1	1	1	1	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: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**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°	1	1	1	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	0	0	0	0	0	0
70°	1	1	1	1	1	1	1	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	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	0
60°	1	1	1	1	1	1	1	1	1	1	0
57.5°	2	1	1	1	1	1	1	1	1	1	1
55°	2	2	1	1	1	1	1	1	1	1	1
52.5°	2	2	2	1	1	1	1	1	1	1	1
50°	2	2	2	2	1	1	1	1	1	1	1
47.5°	3	2	2	2	2	1	1	1	1	1	1
45°	3	3	2	2	2	1	1	1	1	1	1
42.5°	3	3	3	2	2	2	1	1	1	1	1
40°	3	3	3	2	2	2	1	1	1	1	1
37.5°	4	3	3	3	2	2	2	1	1	1	1
35°	4	4	3	3	2	2	2	1	1	1	1
32.5°	5	4	3	3	3	2	2	1	1	1	1
30°	5	5	4	3	3	2	2	2	1	1	1
27.5°	6	5	4	3	3	3	2	2	1	1	1
25°	6	5	4	4	3	3	2	2	1	1	1
22.5°	6	6	5	4	3	3	2	2	1	1	1
20°	7	6	5	4	3	3	2	2	1	1	1
17.5°	7	6	5	4	3	3	2	2	2	1	1
15°	8	6	5	4	4	3	3	2	2	1	1
12.5°	8	7	6	5	4	3	3	2	2	1	1
10°	8	7	6	5	4	3	3	2	2	1	1
7.5°	9	7	6	5	4	3	3	2	2	1	1
5°	9	7	6	5	4	3	3	2	2	1	1
2.5°	9	7	6	5	4	3	3	2	2	1	1
0°	9	7	6	5	4	3	3	2	2	1	1
-2.5°	9	7	6	5	4	3	3	2	2	1	1
-5°	9	7	6	5	4	3	3	2	2	1	1
-7.5°	9	7	6	5	4	3	3	2	2	1	1
-10°	8	7	6	5	4	3	3	2	2	1	1
-12.5°	8	7	6	5	4	3	3	2	2	1	1
-15°	8	6	5	4	4	3	3	2	2	1	1
-17.5°	7	6	5	4	3	3	2	2	2	1	1
-20°	7	6	5	4	3	3	2	2	1	1	1



REPORT NUMBER: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6	6	5	4	3	3	2	2	1	1	1
-25°	6	5	4	4	3	3	2	2	1	1	1
-27.5°	6	5	4	3	3	3	2	2	1	1	1
-30°	5	5	4	3	3	2	2	2	1	1	1
-32.5°	5	4	3	3	3	2	2	1	1	1	1
-35°	4	4	3	3	2	2	2	1	1	1	1
-37.5°	4	3	3	3	2	2	2	1	1	1	1
-40°	3	3	3	2	2	2	1	1	1	1	1
-42.5°	3	3	3	2	2	2	1	1	1	1	1
-45°	3	3	2	2	2	1	1	1	1	1	1
-47.5°	3	2	2	2	2	1	1	1	1	1	1
-50°	2	2	2	2	1	1	1	1	1	1	1
-52.5°	2	2	2	1	1	1	1	1	1	1	1
-55°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	2	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	0
-62.5°	1	1	1	1	1	1	1	1	1	1	0
-65°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	1	1	1	1	0	0	0
-70°	1	1	1	1	1	1	1	0	0	0	0
-72.5°	1	1	1	1	1	0	0	0	0	0	0
-75°	1	1	1	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: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**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°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	1	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	0	0	0	0	0
27.5°	1	1	1	0	0	0	0
25°	1	1	1	0	0	0	0
22.5°	1	1	1	0	0	0	0
20°	1	1	1	0	0	0	0
17.5°	1	1	1	0	0	0	0
15°	1	1	1	0	0	0	0
12.5°	1	1	1	0	0	0	0
10°	1	1	1	0	0	0	0
7.5°	1	1	1	0	0	0	0
5°	1	1	1	0	0	0	0
2.5°	1	1	1	0	0	0	0
0°	1	1	1	0	0	0	0
-2.5°	1	1	1	0	0	0	0
-5°	1	1	1	0	0	0	0
-7.5°	1	1	1	0	0	0	0
-10°	1	1	1	0	0	0	0
-12.5°	1	1	1	0	0	0	0
-15°	1	1	1	0	0	0	0
-17.5°	1	1	1	0	0	0	0
-20°	1	1	1	0	0	0	0



REPORT NUMBER: G2-1802-569-40 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 203-8LED4025-12-CS-DIFF

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1	1	1	0	0	0	0
-25°	1	1	1	0	0	0	0
-27.5°	1	1	1	0	0	0	0
-30°	1	1	0	0	0	0	0
-32.5°	1	1	0	0	0	0	0
-35°	1	1	0	0	0	0	0
-37.5°	1	1	0	0	0	0	0
-40°	1	1	0	0	0	0	0
-42.5°	1	1	0	0	0	0	0
-45°	1	1	0	0	0	0	0
-47.5°	1	0	0	0	0	0	0
-50°	1	0	0	0	0	0	0
-52.5°	1	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)