

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: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED4025-12-BK-LSL**

Test Date: 04/06/18

**Test Information**

Test Method: LM-79-08  
Report Number: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
Test Lab: INNOVATION CENTER(G2)  
Test Date: 04/06/18  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 203-8LED4025-12-BK-LSL  
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 4000K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD BLACK, LINEAR SPREAD LENS  
Light Source: (1) SORAA 4000K 95 CRI LED  
SM16-07-25D-940-03  
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

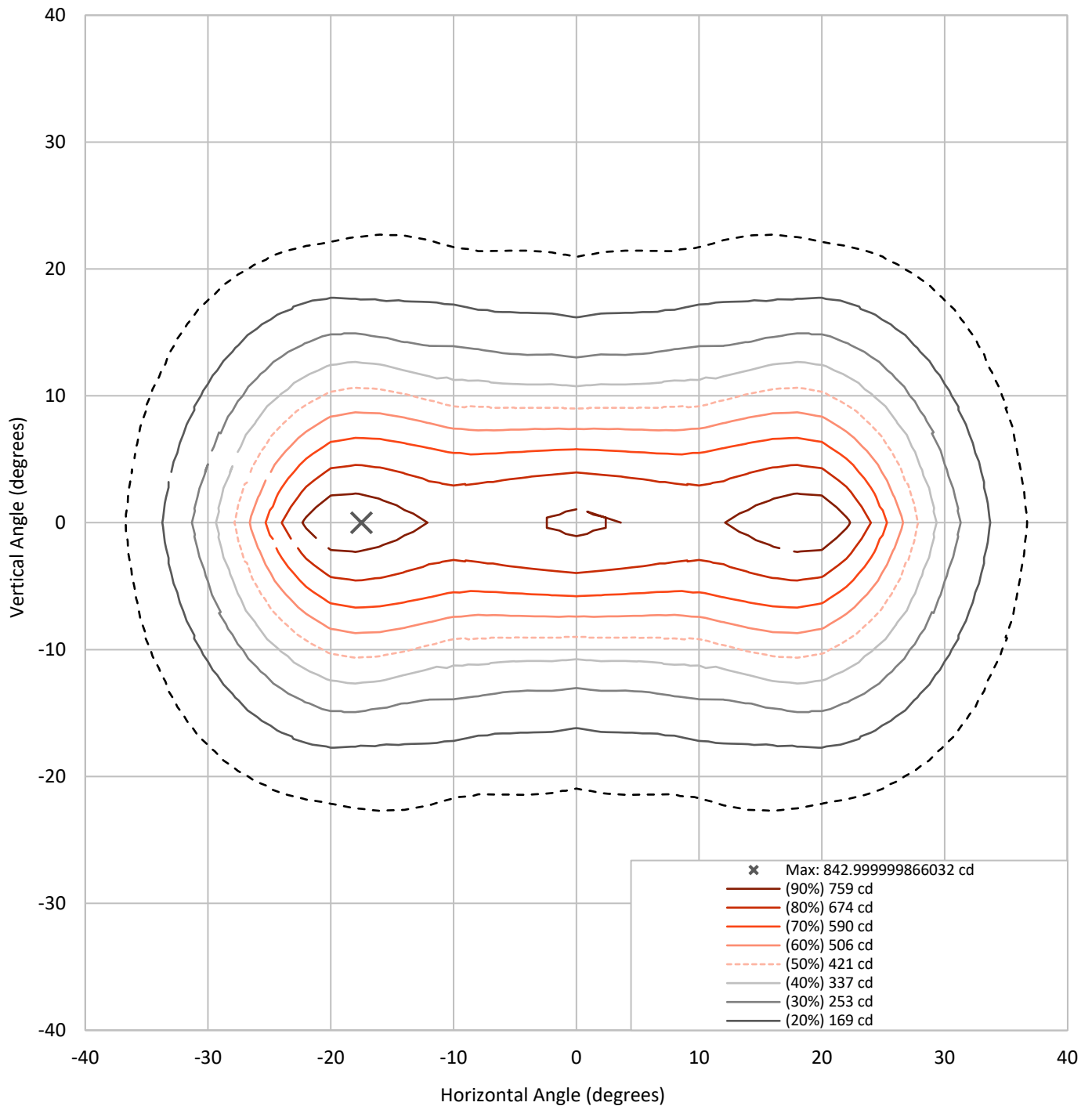
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	5H x 3V
Luminaire Lumens:	316.2 lumens	Max Intensity:	843 candela
Efficiency:	N/A	Max Intensity Angle:	-17.5°H x 0°V
Efficacy:	40.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	55.7°H x 21.4°V	Field Angle (10%):	73.2°H x 45.1°V
Beam Lumens:	182.3 lumens	Field Lumens:	291.7 lumens
Beam Efficiency:	57.7%	Field Efficiency:	92.3%
Input Watts (W):	7.9		
Input Voltage (V):	12.0		
Input Current (Ain):	0.691		
Voltage Rise (V):	NR		
Power Factor:	0.9909		
Total Harmonic Distortion (THDi):	26.9%		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	24.9		
Test Distance:	25 FT		



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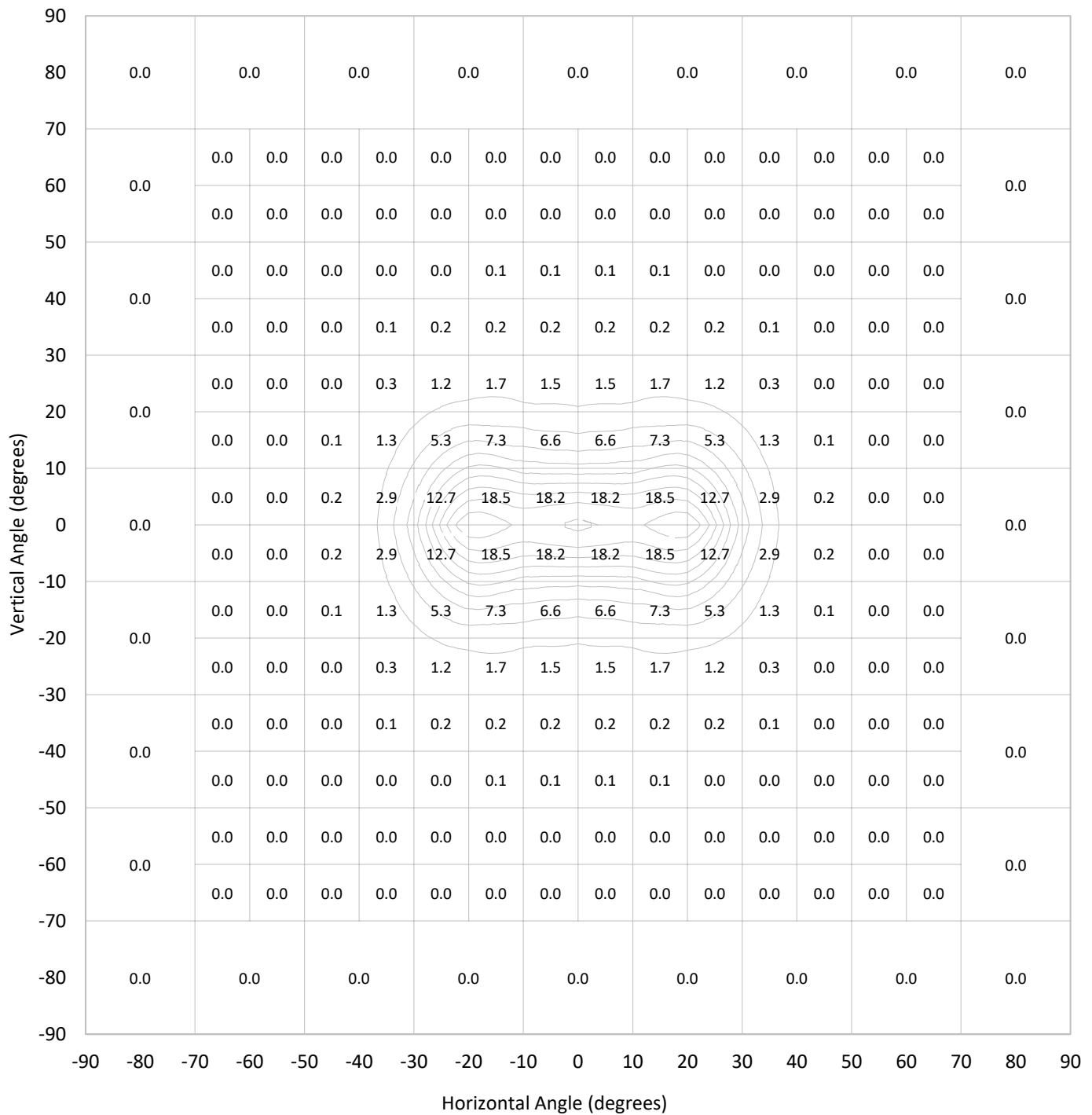
### Iso-Candela Plot





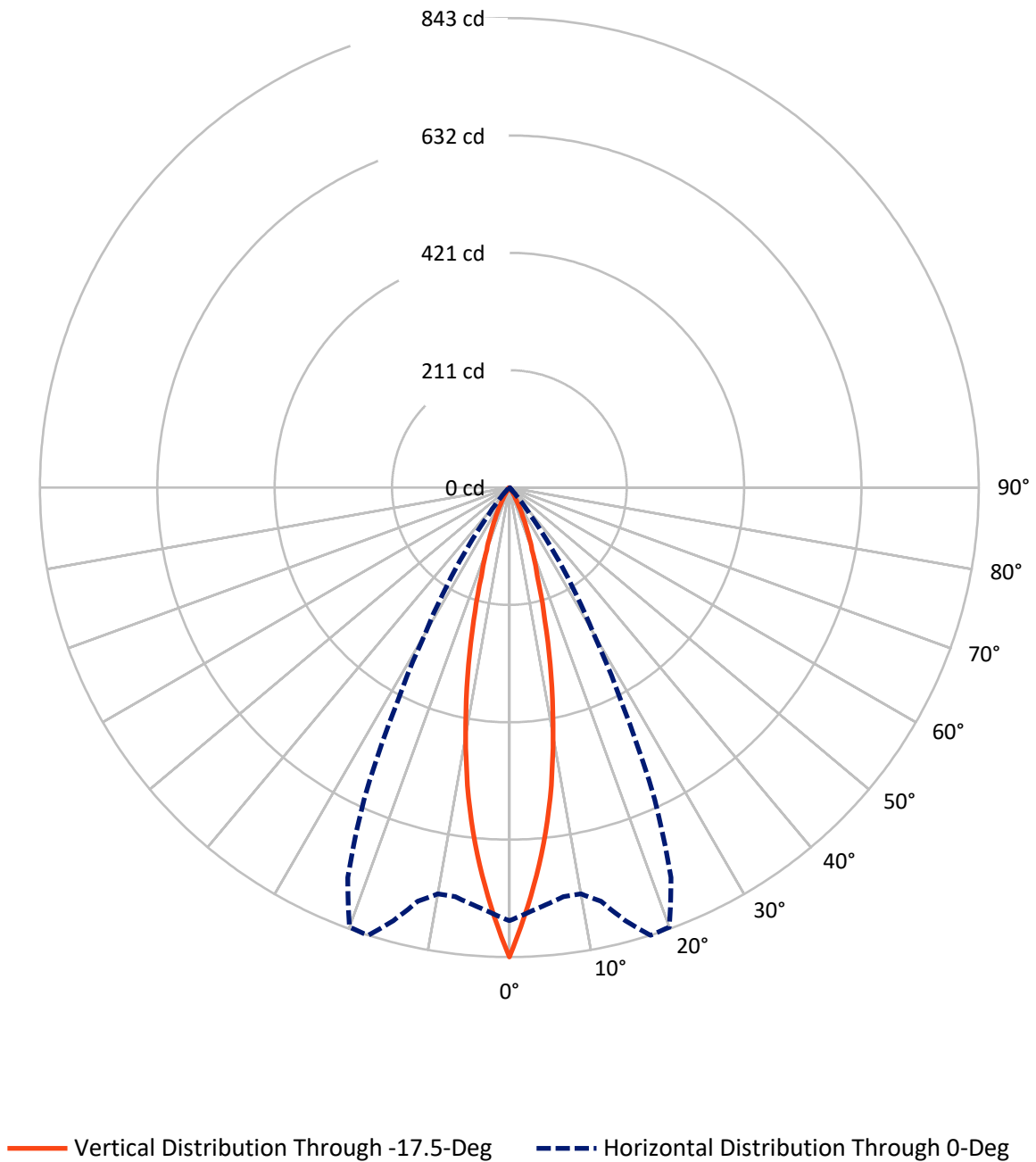
REPORT NUMBER: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table



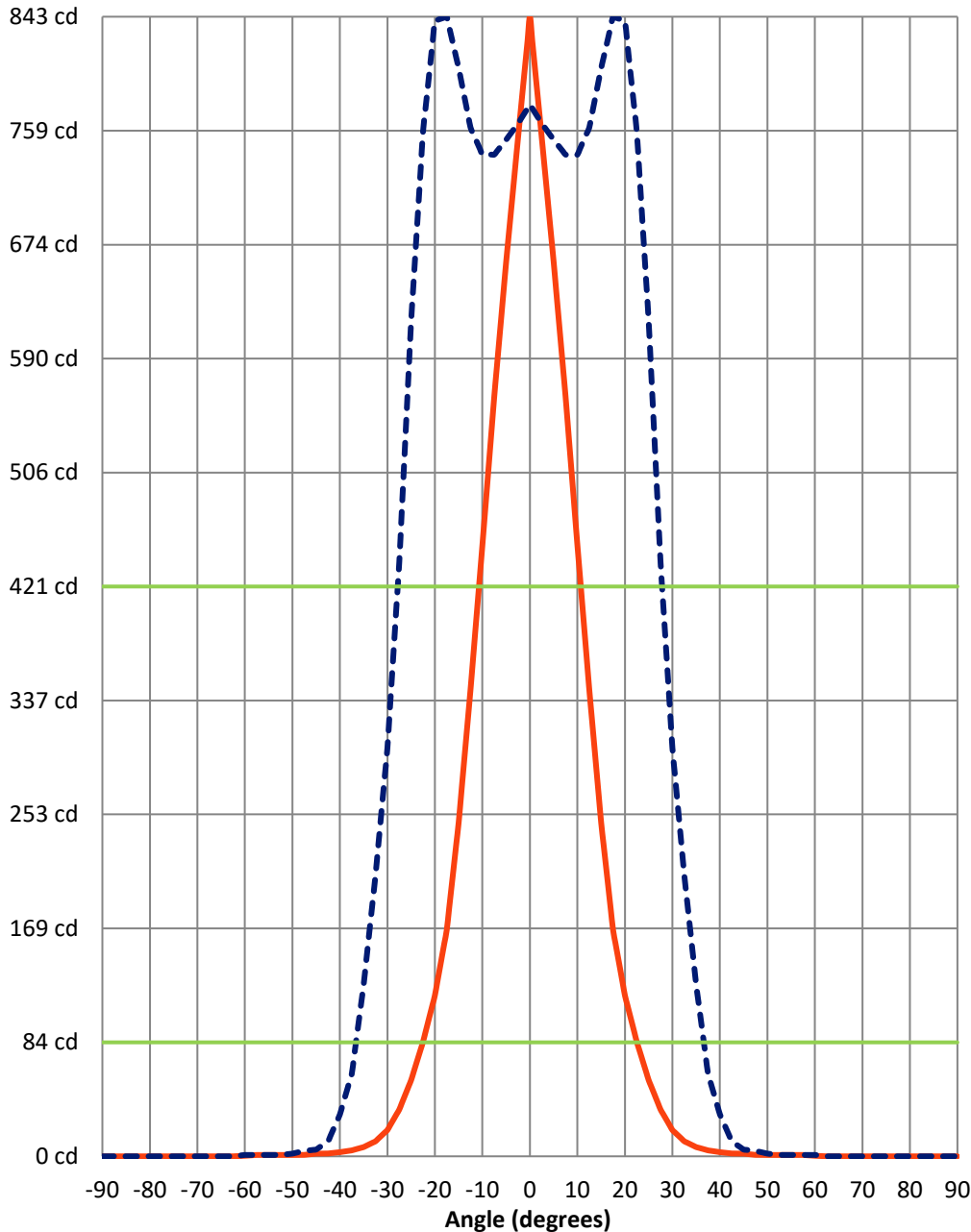
REPORT NUMBER: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 55.7°  
 V Angle: 21.4°  
 Lumens: 182.3  
 Efficiency: 57.7%

**Field:**  
 H Angle: 73.2°  
 V Angle: 45.1°  
 Lumens: 291.7  
 Efficiency: 92.3%

**Spill:**  
 Lumens: 24.5  
 Efficiency: 7.7%

— Vertical Distribution through -17.5-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	0
37.5°	0	0	0	0	0	0	0	0	0	0	0
35°	0	0	0	0	0	0	0	0	0	0	0
32.5°	0	0	0	0	0	0	0	0	0	0	0
30°	0	0	0	0	0	0	0	0	0	0	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
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



REPORT NUMBER: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**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	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





REPORT NUMBER: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**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	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	1
50°	0	0	0	0	0	0	0	0	0	1	1
47.5°	0	0	0	0	0	0	0	0	1	1	1
45°	0	0	0	0	0	0	0	1	1	1	1
42.5°	0	0	0	0	0	0	1	1	1	1	1
40°	0	0	0	0	0	1	1	1	1	1	1
37.5°	0	0	0	0	1	1	1	1	1	1	2
35°	0	0	0	0	1	1	1	1	1	2	2
32.5°	0	0	0	1	1	1	1	1	1	2	2
30°	0	0	0	1	1	1	1	1	2	2	3
27.5°	0	0	0	1	1	1	1	2	2	3	4
25°	0	0	1	1	1	1	1	2	3	4	6
22.5°	0	0	1	1	1	1	1	2	3	5	8
20°	0	0	1	1	1	1	2	3	4	7	11
17.5°	0	0	1	1	1	1	2	3	5	8	16
15°	0	1	1	1	1	1	2	4	6	11	21
12.5°	0	1	1	1	1	2	3	4	7	15	31
10°	0	1	1	1	1	2	3	5	8	19	39
7.5°	0	1	1	1	1	2	3	5	9	23	47
5°	0	1	1	1	1	2	4	5	10	26	53
2.5°	0	1	1	1	1	2	4	5	11	29	58
0°	0	1	1	1	1	2	4	5	11	31	61
-2.5°	0	1	1	1	1	2	4	5	11	29	58
-5°	0	1	1	1	1	2	4	5	10	26	53
-7.5°	0	1	1	1	1	2	3	5	9	23	47
-10°	0	1	1	1	1	2	3	5	8	19	39
-12.5°	0	1	1	1	1	2	3	4	7	15	31
-15°	0	1	1	1	1	1	2	4	6	11	21
-17.5°	0	0	1	1	1	1	2	3	5	8	16
-20°	0	0	1	1	1	1	2	3	4	7	11



REPORT NUMBER: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	0	0	1	1	1	1	1	2	3	5	8
-25°	0	0	1	1	1	1	1	2	3	4	6
-27.5°	0	0	0	1	1	1	1	2	2	3	4
-30°	0	0	0	1	1	1	1	1	2	2	3
-32.5°	0	0	0	1	1	1	1	1	1	2	2
-35°	0	0	0	0	1	1	1	1	1	2	2
-37.5°	0	0	0	0	1	1	1	1	1	1	2
-40°	0	0	0	0	0	1	1	1	1	1	1
-42.5°	0	0	0	0	0	0	1	1	1	1	1
-45°	0	0	0	0	0	0	0	1	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	1	1
-50°	0	0	0	0	0	0	0	0	0	1	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	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: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**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	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	1	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	1
55°	0	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	2	2
45°	1	1	1	1	1	2	2	2	2	2	2
42.5°	1	1	2	2	2	2	2	2	2	2	3
40°	2	2	2	2	2	2	3	3	3	3	3
37.5°	2	2	2	3	3	4	4	4	4	5	5
35°	2	3	3	4	5	6	6	7	7	6	7
32.5°	3	4	5	6	7	9	10	11	11	9	10
30°	4	6	8	9	12	15	17	19	20	16	16
27.5°	6	9	12	16	19	24	31	35	35	30	27
25°	9	13	21	30	36	43	52	56	57	53	45
22.5°	13	23	36	49	63	73	78	85	87	82	72
20°	20	36	57	79	98	111	116	119	122	119	111
17.5°	32	56	84	112	138	161	173	168	165	166	160
15°	44	78	115	151	188	223	245	247	225	222	221
12.5°	59	101	147	194	248	297	333	345	327	295	294
10°	76	126	182	242	316	382	435	452	440	412	381
7.5°	92	151	216	294	392	480	543	562	551	527	504
5°	107	173	249	347	474	580	646	662	648	631	616
2.5°	118	193	278	398	551	673	745	753	728	698	690
0°	127	208	302	439	618	758	840	843	805	761	741
-2.5°	118	193	278	398	551	673	745	753	728	698	690
-5°	107	173	249	347	474	580	646	662	648	631	616
-7.5°	92	151	216	294	392	480	543	562	551	527	504
-10°	76	126	182	242	316	382	435	452	440	412	381
-12.5°	59	101	147	194	248	297	333	345	327	295	294
-15°	44	78	115	151	188	223	245	247	225	222	221
-17.5°	32	56	84	112	138	161	173	168	165	166	160
-20°	20	36	57	79	98	111	116	119	122	119	111



REPORT NUMBER: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13	23	36	49	63	73	78	85	87	82	72
-25°	9	13	21	30	36	43	52	56	57	53	45
-27.5°	6	9	12	16	19	24	31	35	35	30	27
-30°	4	6	8	9	12	15	17	19	20	16	16
-32.5°	3	4	5	6	7	9	10	11	11	9	10
-35°	2	3	3	4	5	6	6	7	7	6	7
-37.5°	2	2	2	3	3	4	4	4	4	5	5
-40°	2	2	2	2	2	2	3	3	3	3	3
-42.5°	1	1	2	2	2	2	2	2	2	2	3
-45°	1	1	1	1	1	2	2	2	2	2	2
-47.5°	1	1	1	1	1	1	1	1	1	2	2
-50°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-55°	0	1	1	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	0	0	1	1	1
-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: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**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°	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	1	1	1	1	1	1	1	1	1	0
57.5°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
47.5°	2	2	2	2	2	2	2	2	2	1	1
45°	2	2	2	2	2	2	2	2	2	2	2
42.5°	3	3	3	3	3	3	3	3	2	2	2
40°	3	3	3	3	3	3	3	3	3	3	3
37.5°	5	5	5	5	5	5	5	5	5	4	4
35°	7	7	6	6	6	7	7	7	6	7	7
32.5°	10	10	10	9	10	10	10	10	9	11	11
30°	17	17	16	14	16	17	17	16	16	20	19
27.5°	29	29	29	27	29	29	29	27	30	35	35
25°	47	48	46	43	46	48	47	45	53	57	56
22.5°	69	71	70	65	70	71	69	72	82	87	85
20°	101	104	103	96	103	104	101	111	119	122	119
17.5°	147	148	147	140	147	148	147	160	166	165	168
15°	210	201	202	194	202	201	210	221	222	225	247
12.5°	286	268	274	265	274	268	286	294	295	327	345
10°	383	373	376	369	376	373	383	381	412	440	452
7.5°	491	499	500	500	500	499	491	504	527	551	562
5°	613	620	627	634	627	620	613	616	631	648	662
2.5°	700	715	724	732	724	715	700	690	698	728	753
0°	741	752	764	778	764	752	741	741	761	805	843
-2.5°	700	715	724	732	724	715	700	690	698	728	753
-5°	613	620	627	634	627	620	613	616	631	648	662
-7.5°	491	499	500	500	500	499	491	504	527	551	562
-10°	383	373	376	369	376	373	383	381	412	440	452
-12.5°	286	268	274	265	274	268	286	294	295	327	345
-15°	210	201	202	194	202	201	210	221	222	225	247
-17.5°	147	148	147	140	147	148	147	160	166	165	168
-20°	101	104	103	96	103	104	101	111	119	122	119



REPORT NUMBER: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	69	71	70	65	70	71	69	72	82	87	85
-25°	47	48	46	43	46	48	47	45	53	57	56
-27.5°	29	29	29	27	29	29	29	27	30	35	35
-30°	17	17	16	14	16	17	17	16	16	20	19
-32.5°	10	10	10	9	10	10	10	10	9	11	11
-35°	7	7	6	6	6	7	7	7	6	7	7
-37.5°	5	5	5	5	5	5	5	5	5	4	4
-40°	3	3	3	3	3	3	3	3	3	3	3
-42.5°	3	3	3	3	3	3	3	3	2	2	2
-45°	2	2	2	2	2	2	2	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	2	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-60°	1	1	1	1	1	1	1	1	1	1	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: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**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°	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°	1	1	1	0	0	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	1	1	0	0	0
50°	1	1	1	1	1	1	1	1	1	0	0
47.5°	1	1	1	1	1	1	1	1	1	1	0
45°	2	2	1	1	1	1	1	1	1	1	1
42.5°	2	2	2	2	2	1	1	1	1	1	1
40°	3	2	2	2	2	2	2	1	1	1	1
37.5°	4	4	3	3	2	2	2	2	1	1	1
35°	6	6	5	4	3	3	2	2	2	1	1
32.5°	10	9	7	6	5	4	3	2	2	1	1
30°	17	15	12	9	8	6	4	3	2	2	1
27.5°	31	24	19	16	12	9	6	4	3	2	2
25°	52	43	36	30	21	13	9	6	4	3	2
22.5°	78	73	63	49	36	23	13	8	5	3	2
20°	116	111	98	79	57	36	20	11	7	4	3
17.5°	173	161	138	112	84	56	32	16	8	5	3
15°	245	223	188	151	115	78	44	21	11	6	4
12.5°	333	297	248	194	147	101	59	31	15	7	4
10°	435	382	316	242	182	126	76	39	19	8	5
7.5°	543	480	392	294	216	151	92	47	23	9	5
5°	646	580	474	347	249	173	107	53	26	10	5
2.5°	745	673	551	398	278	193	118	58	29	11	5
0°	840	758	618	439	302	208	127	61	31	11	5
-2.5°	745	673	551	398	278	193	118	58	29	11	5
-5°	646	580	474	347	249	173	107	53	26	10	5
-7.5°	543	480	392	294	216	151	92	47	23	9	5
-10°	435	382	316	242	182	126	76	39	19	8	5
-12.5°	333	297	248	194	147	101	59	31	15	7	4
-15°	245	223	188	151	115	78	44	21	11	6	4
-17.5°	173	161	138	112	84	56	32	16	8	5	3
-20°	116	111	98	79	57	36	20	11	7	4	3



REPORT NUMBER: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	78	73	63	49	36	23	13	8	5	3	2
-25°	52	43	36	30	21	13	9	6	4	3	2
-27.5°	31	24	19	16	12	9	6	4	3	2	2
-30°	17	15	12	9	8	6	4	3	2	2	1
-32.5°	10	9	7	6	5	4	3	2	2	1	1
-35°	6	6	5	4	3	3	2	2	2	1	1
-37.5°	4	4	3	3	2	2	2	2	1	1	1
-40°	3	2	2	2	2	2	2	1	1	1	1
-42.5°	2	2	2	2	2	1	1	1	1	1	1
-45°	2	2	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	0
-50°	1	1	1	1	1	1	1	1	1	0	0
-52.5°	1	1	1	1	1	1	1	1	0	0	0
-55°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	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: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**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°	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°	1	0	0	0	0	0	0	0	0	0	0
40°	1	1	0	0	0	0	0	0	0	0	0
37.5°	1	1	1	0	0	0	0	0	0	0	0
35°	1	1	1	0	0	0	0	0	0	0	0
32.5°	1	1	1	1	0	0	0	0	0	0	0
30°	1	1	1	1	0	0	0	0	0	0	0
27.5°	1	1	1	1	0	0	0	0	0	0	0
25°	1	1	1	1	1	0	0	0	0	0	0
22.5°	1	1	1	1	1	0	0	0	0	0	0
20°	2	1	1	1	1	0	0	0	0	0	0
17.5°	2	1	1	1	1	0	0	0	0	0	0
15°	2	1	1	1	1	1	0	0	0	0	0
12.5°	3	2	1	1	1	1	0	0	0	0	0
10°	3	2	1	1	1	1	0	0	0	0	0
7.5°	3	2	1	1	1	1	0	0	0	0	0
5°	4	2	1	1	1	1	0	0	0	0	0
2.5°	4	2	1	1	1	1	0	0	0	0	0
0°	4	2	1	1	1	1	0	0	0	0	0
-2.5°	4	2	1	1	1	1	0	0	0	0	0
-5°	4	2	1	1	1	1	0	0	0	0	0
-7.5°	3	2	1	1	1	1	0	0	0	0	0
-10°	3	2	1	1	1	1	0	0	0	0	0
-12.5°	3	2	1	1	1	1	0	0	0	0	0
-15°	2	1	1	1	1	1	0	0	0	0	0
-17.5°	2	1	1	1	1	0	0	0	0	0	0
-20°	2	1	1	1	1	0	0	0	0	0	0



REPORT NUMBER: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1	1	1	1	1	0	0	0	0	0	0
-25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	0	0	0	0	0	0	0
-30°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-35°	1	1	1	0	0	0	0	0	0	0	0
-37.5°	1	1	1	0	0	0	0	0	0	0	0
-40°	1	1	0	0	0	0	0	0	0	0	0
-42.5°	1	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: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**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: G2-1802-569-29 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 203-8LED4025-12-BK-LSL

**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)