

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: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Test Date: 04/05/18

Test Information

Test Method: LM-79-08
Report Number: G2-1802-569-41 (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-LSL
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 4000K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD SILVER, LINEAR SPREAD LENS
Light Source: (1) SORAA 4000K 90 CRI LED
SM16-07-25D-940-03
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

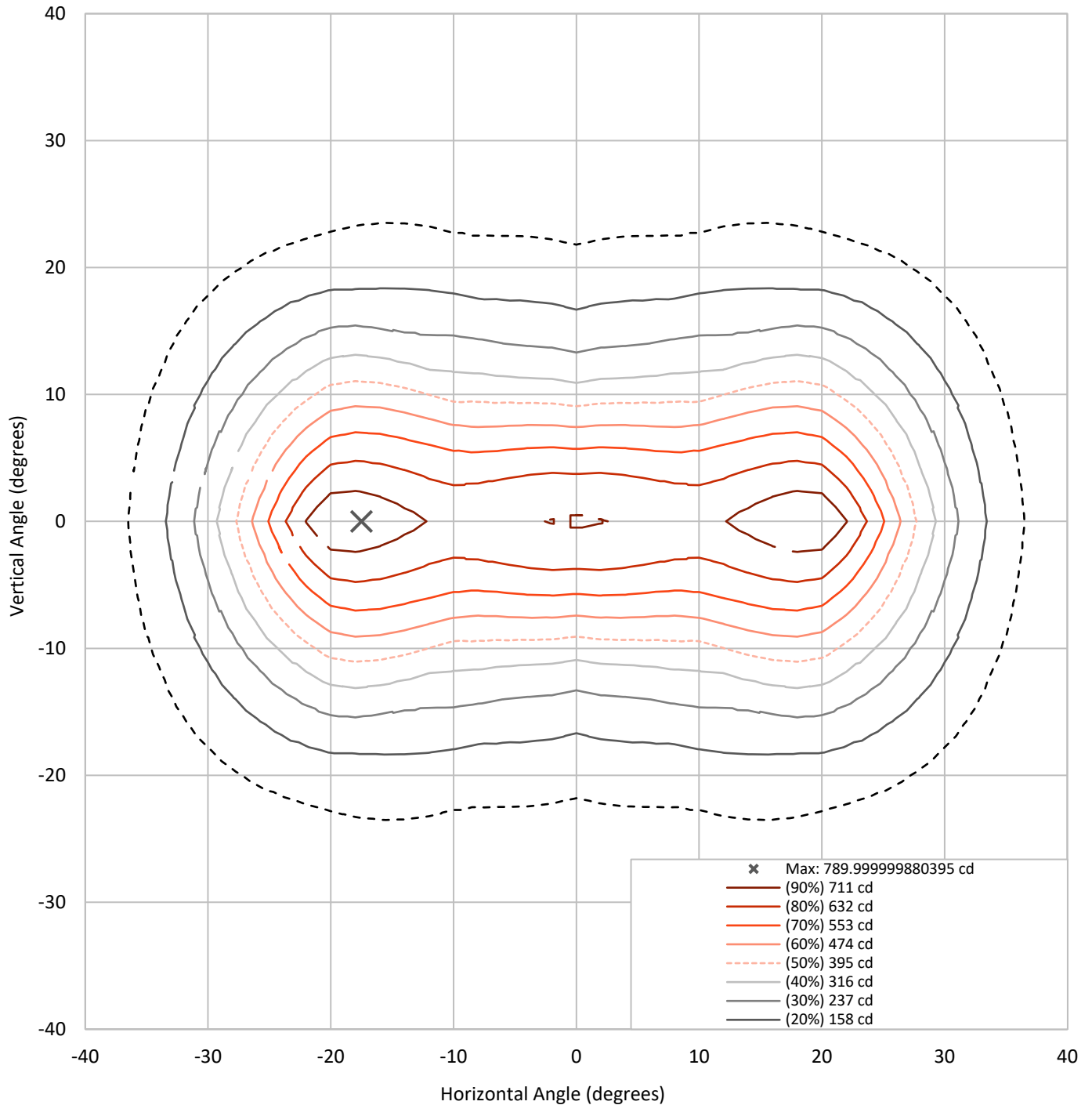
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	311.9 lumens	Max Intensity:	790 candela
Efficiency:	N/A	Max Intensity Angle:	-17.5°H x 0°V
Efficacy:	42.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	55.3°H x 22.2°V	Field Angle (10%):	72.9°H x 46.7°V
Beam Lumens:	171.8 lumens	Field Lumens:	281 lumens
Beam Efficiency:	55.1%	Field Efficiency:	90.1%
Input Watts (W):	7.4		
Input Voltage (V):	12.0		
Input Current (Ain):	0.648		
Voltage Rise (V):	NR		
Power Factor:	0.9912		
Total Harmonic Distortion (THDi):	27.0%		
Frequency (hertz):	60		
Stabilization Time:	0.5 HR		
Operation Time:	3 HR		
Ambient Temperature (°C):	25.0		
Test Distance:	25 FT		



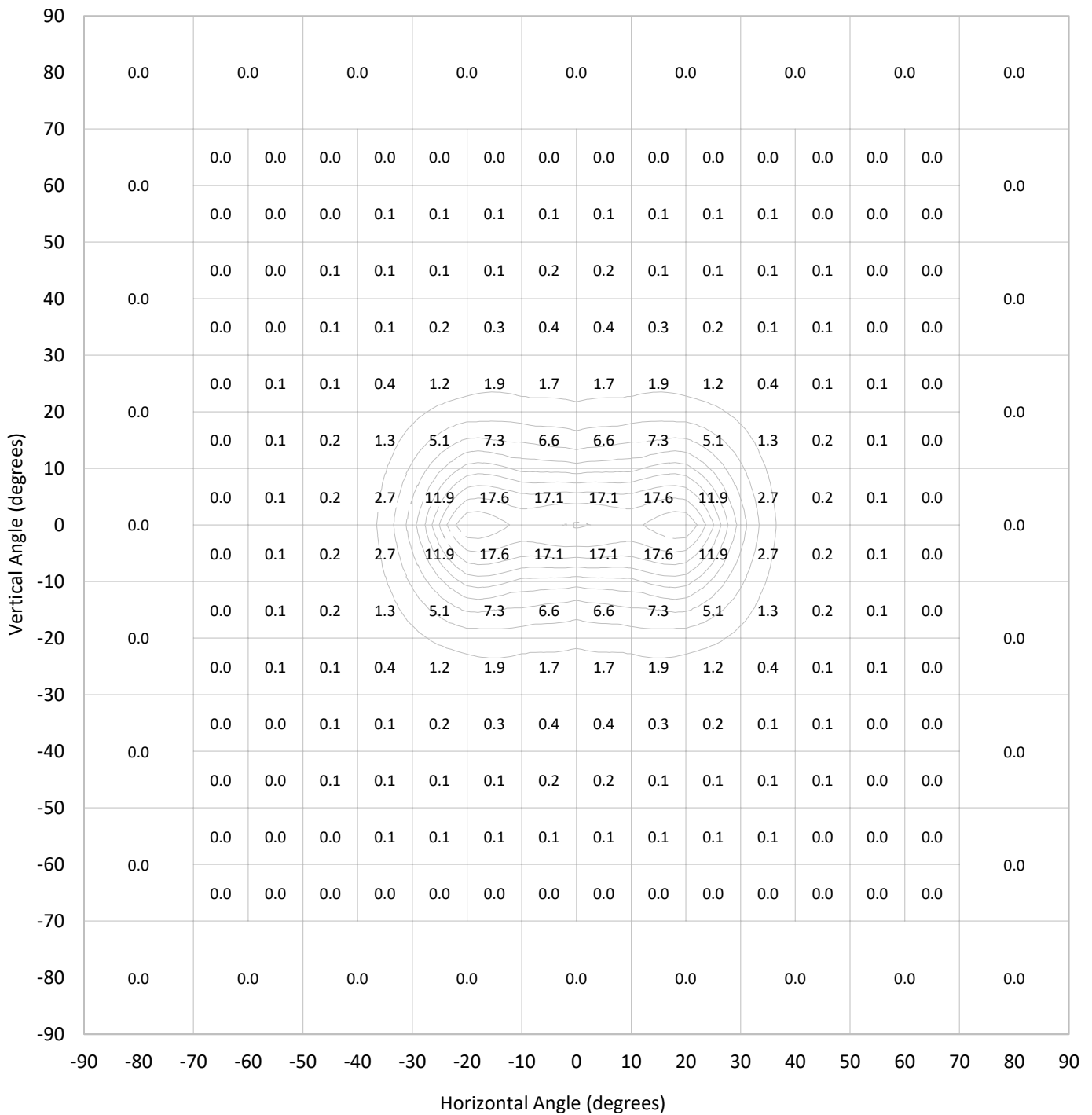
REPORT NUMBER: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 203-8LED4025-12-CS-LSL

Iso-Candela Plot



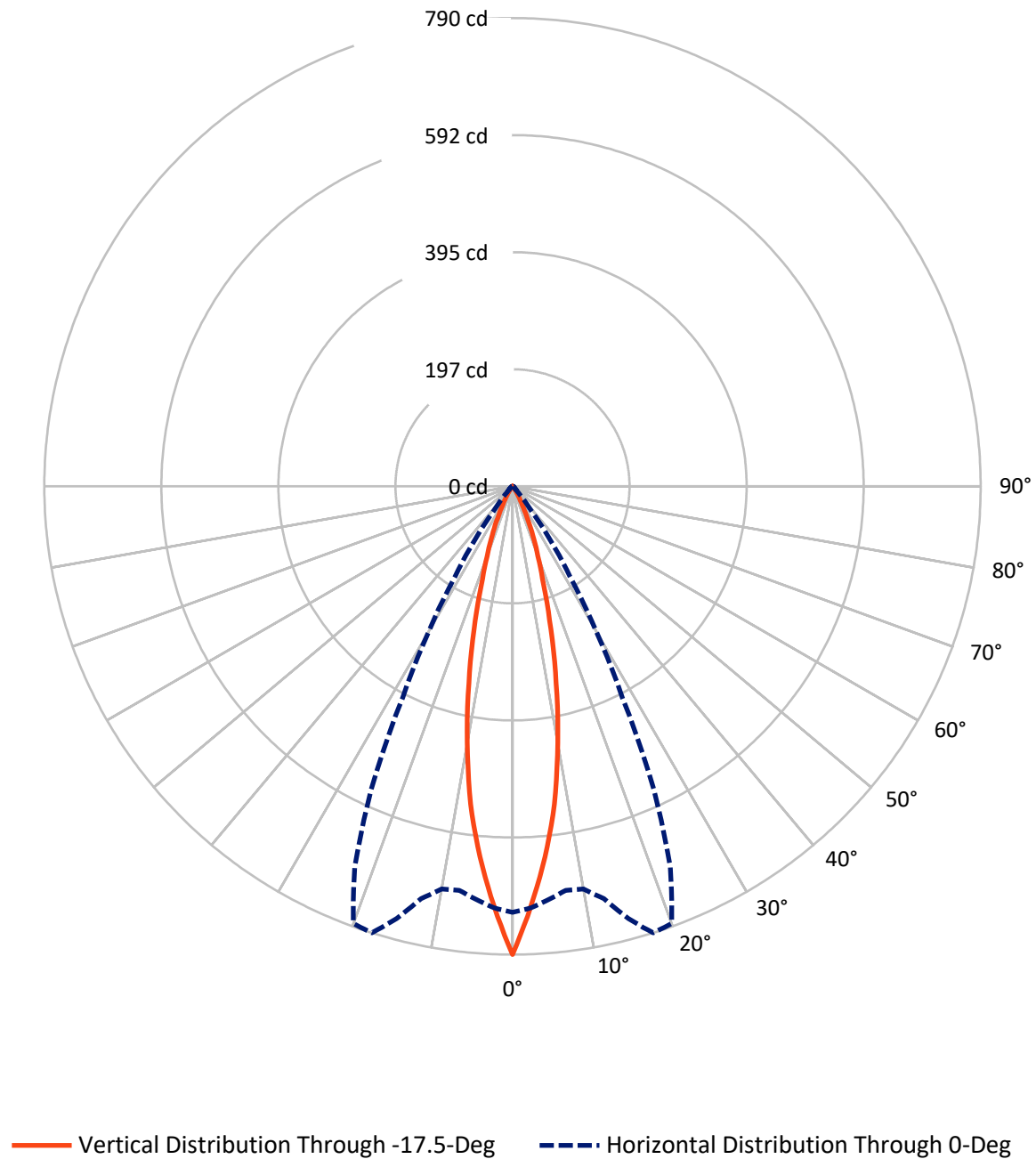
REPORT NUMBER: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table



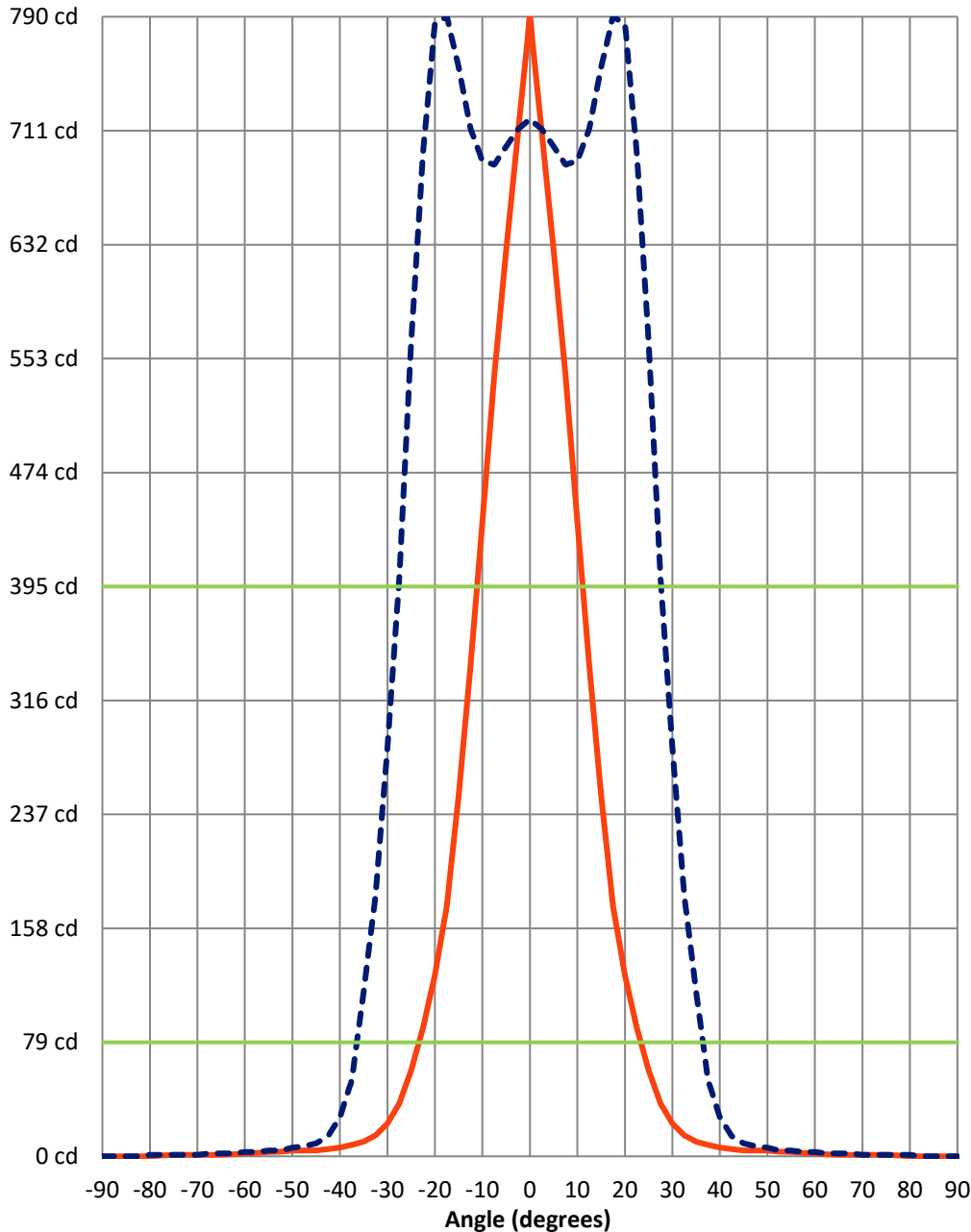
REPORT NUMBER: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 55.3°
 V Angle: 22.2°
 Lumens: 171.8
 Efficiency: 55.1%

Field:
 H Angle: 72.9°
 V Angle: 46.7°
 Lumens: 281
 Efficiency: 90.1%

Spill:
 Lumens: 30.9
 Efficiency: 9.9%

— 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	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	1
27.5°	0	0	0	0	1	1	1	1	1	1	1
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	1	2
15°	0	0	0	0	1	1	1	1	1	1	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	1	2
-17.5°	0	0	0	0	1	1	1	1	1	1	2
-20°	0	0	0	0	1	1	1	1	1	1	2



REPORT NUMBER: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-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	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	1
-30°	0	0	0	0	0	1	1	1	1	1	1
-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: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-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	1	1
72.5°	0	0	0	0	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	1
60°	1	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	2	2
55°	1	1	1	1	1	1	1	2	2	2	2
52.5°	1	1	1	1	1	1	2	2	2	2	2
50°	1	1	1	1	1	2	2	2	2	2	2
47.5°	1	1	1	1	2	2	2	2	2	3	3
45°	1	1	1	2	2	2	2	2	3	3	3
42.5°	1	1	1	2	2	2	3	3	3	3	3
40°	1	1	2	2	2	3	3	3	3	4	4
37.5°	1	1	2	2	2	3	3	3	4	4	5
35°	1	2	2	2	3	3	3	4	4	5	5
32.5°	1	2	2	3	3	3	4	4	4	5	5
30°	2	2	2	3	3	4	4	4	5	5	6
27.5°	2	2	2	3	3	4	4	5	5	6	7
25°	2	2	3	3	3	4	4	5	6	7	8
22.5°	2	2	3	3	4	4	5	5	6	8	10
20°	2	2	3	3	4	4	5	6	7	9	13
17.5°	2	2	3	3	4	4	5	6	8	11	17
15°	2	3	3	3	4	5	6	7	9	13	21
12.5°	2	3	3	4	4	5	6	7	10	16	29
10°	2	3	3	4	4	5	6	8	11	19	36
7.5°	2	3	3	4	4	5	7	8	12	22	42
5°	2	3	3	4	4	6	7	9	13	24	47
2.5°	2	3	3	4	4	6	7	9	14	26	51
0°	2	3	3	4	4	6	7	9	14	27	53
-2.5°	2	3	3	4	4	6	7	9	14	26	51
-5°	2	3	3	4	4	6	7	9	13	24	47
-7.5°	2	3	3	4	4	5	7	8	12	22	42
-10°	2	3	3	4	4	5	6	8	11	19	36
-12.5°	2	3	3	4	4	5	6	7	10	16	29
-15°	2	3	3	3	4	5	6	7	9	13	21
-17.5°	2	2	3	3	4	4	5	6	8	11	17
-20°	2	2	3	3	4	4	5	6	7	9	13



REPORT NUMBER: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-LSL

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2	2	3	3	4	4	5	5	6	8	10
-25°	2	2	3	3	3	4	4	5	6	7	8
-27.5°	2	2	2	3	3	4	4	5	5	6	7
-30°	2	2	2	3	3	4	4	4	5	5	6
-32.5°	1	2	2	3	3	3	4	4	4	5	5
-35°	1	2	2	2	3	3	3	4	4	5	5
-37.5°	1	1	2	2	2	3	3	3	4	4	5
-40°	1	1	2	2	2	3	3	3	3	4	4
-42.5°	1	1	1	2	2	2	3	3	3	3	3
-45°	1	1	1	2	2	2	2	2	3	3	3
-47.5°	1	1	1	1	2	2	2	2	2	3	3
-50°	1	1	1	1	1	2	2	2	2	2	2
-52.5°	1	1	1	1	1	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	2	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	2	2
-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	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	1	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	0	0	1	1
-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: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-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	1	1	1	1	1	1	0
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°	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	2	2	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	3	3	3
55°	2	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	4	4	4	4	4	4
47.5°	3	3	3	4	4	4	4	4	4	4	4
45°	3	4	4	4	4	4	4	4	4	4	5
42.5°	4	4	5	5	5	5	5	5	5	5	6
40°	5	5	5	5	5	5	6	6	6	7	7
37.5°	5	5	5	6	6	7	7	8	8	8	8
35°	5	6	6	7	8	9	10	10	10	10	11
32.5°	6	7	8	9	10	12	13	15	15	14	14
30°	7	8	10	12	15	17	20	23	23	20	20
27.5°	9	11	14	19	22	26	33	37	38	34	30
25°	11	15	23	31	37	44	54	60	61	58	50
22.5°	15	24	36	49	63	73	82	89	92	90	81
20°	21	34	56	77	96	111	120	126	130	128	119
17.5°	31	54	82	109	135	157	174	174	173	172	166
15°	40	75	111	147	179	216	242	250	228	227	227
12.5°	55	96	141	186	234	286	328	340	325	295	293
10°	70	118	171	227	297	366	424	440	427	400	371
7.5°	85	138	203	275	367	456	522	541	528	503	479
5°	97	155	233	321	438	543	614	628	615	596	578
2.5°	107	170	261	365	506	624	702	710	685	655	643
0°	114	181	283	401	564	695	785	790	755	712	690
-2.5°	107	170	261	365	506	624	702	710	685	655	643
-5°	97	155	233	321	438	543	614	628	615	596	578
-7.5°	85	138	203	275	367	456	522	541	528	503	479
-10°	70	118	171	227	297	366	424	440	427	400	371
-12.5°	55	96	141	186	234	286	328	340	325	295	293
-15°	40	75	111	147	179	216	242	250	228	227	227
-17.5°	31	54	82	109	135	157	174	174	173	172	166
-20°	21	34	56	77	96	111	120	126	130	128	119



REPORT NUMBER: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-LSL

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	15	24	36	49	63	73	82	89	92	90	81
-25°	11	15	23	31	37	44	54	60	61	58	50
-27.5°	9	11	14	19	22	26	33	37	38	34	30
-30°	7	8	10	12	15	17	20	23	23	20	20
-32.5°	6	7	8	9	10	12	13	15	15	14	14
-35°	5	6	6	7	8	9	10	10	10	10	11
-37.5°	5	5	5	6	6	7	7	8	8	8	8
-40°	5	5	5	5	5	5	6	6	6	7	7
-42.5°	4	4	5	5	5	5	5	5	5	5	6
-45°	3	4	4	4	4	4	4	4	4	4	5
-47.5°	3	3	3	4	4	4	4	4	4	4	4
-50°	3	3	3	3	3	4	4	4	4	4	4
-52.5°	2	2	3	3	3	3	3	3	3	3	3
-55°	2	2	2	2	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	3	3	3
-60°	1	2	2	2	2	2	2	2	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°	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°	0	0	0	0	1	1	1	1	1	1	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: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-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	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°	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	2
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	4	4
47.5°	4	4	4	4	4	4	4	4	4	4	4
45°	5	5	5	5	5	5	5	5	4	4	4
42.5°	6	6	6	6	6	6	6	6	5	5	5
40°	7	7	7	7	7	7	7	7	7	6	6
37.5°	8	8	8	8	8	8	8	8	8	8	8
35°	11	11	11	11	11	11	11	11	10	10	10
32.5°	15	15	15	14	15	15	15	14	14	15	15
30°	21	21	20	18	20	21	21	20	20	23	23
27.5°	32	33	32	29	32	33	32	30	34	38	37
25°	53	54	52	48	52	54	53	50	58	61	60
22.5°	77	78	76	71	76	78	77	81	90	92	89
20°	109	111	109	101	109	111	109	119	128	130	126
17.5°	155	155	152	141	152	155	155	166	172	173	174
15°	216	207	204	191	204	207	216	227	227	228	250
12.5°	287	271	271	256	271	271	287	293	295	325	340
10°	372	365	365	351	365	365	372	371	400	427	440
7.5°	468	478	479	471	479	478	468	479	503	528	541
5°	575	584	594	588	594	584	575	578	596	615	628
2.5°	653	669	678	679	678	669	653	643	655	685	710
0°	687	700	712	719	712	700	687	690	712	755	790
-2.5°	653	669	678	679	678	669	653	643	655	685	710
-5°	575	584	594	588	594	584	575	578	596	615	628
-7.5°	468	478	479	471	479	478	468	479	503	528	541
-10°	372	365	365	351	365	365	372	371	400	427	440
-12.5°	287	271	271	256	271	271	287	293	295	325	340
-15°	216	207	204	191	204	207	216	227	227	228	250
-17.5°	155	155	152	141	152	155	155	166	172	173	174
-20°	109	111	109	101	109	111	109	119	128	130	126



REPORT NUMBER: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-LSL

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	77	78	76	71	76	78	77	81	90	92	89
-25°	53	54	52	48	52	54	53	50	58	61	60
-27.5°	32	33	32	29	32	33	32	30	34	38	37
-30°	21	21	20	18	20	21	21	20	20	23	23
-32.5°	15	15	15	14	15	15	15	14	14	15	15
-35°	11	11	11	11	11	11	11	11	10	10	10
-37.5°	8	8	8	8	8	8	8	8	8	8	8
-40°	7	7	7	7	7	7	7	7	7	6	6
-42.5°	6	6	6	6	6	6	6	6	5	5	5
-45°	5	5	5	5	5	5	5	5	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	4	4
-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	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°	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°	0	0	0	0	0	0	0	0	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: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-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°	1	1	1	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	1	1	1	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°	1	1	1	1	1	1	1	1	1	1	1
60°	2	2	2	2	2	2	1	1	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
55°	3	3	3	2	2	2	2	2	2	2	2
52.5°	3	3	3	3	3	2	2	2	2	2	2
50°	4	4	3	3	3	3	3	2	2	2	2
47.5°	4	4	4	4	3	3	3	3	3	2	2
45°	4	4	4	4	4	4	3	3	3	3	2
42.5°	5	5	5	5	5	4	4	3	3	3	3
40°	6	5	5	5	5	5	5	4	4	3	3
37.5°	7	7	6	6	5	5	5	5	4	4	3
35°	10	9	8	7	6	6	5	5	5	4	4
32.5°	13	12	10	9	8	7	6	5	5	4	4
30°	20	17	15	12	10	8	7	6	5	5	4
27.5°	33	26	22	19	14	11	9	7	6	5	5
25°	54	44	37	31	23	15	11	8	7	6	5
22.5°	82	73	63	49	36	24	15	10	8	6	5
20°	120	111	96	77	56	34	21	13	9	7	6
17.5°	174	157	135	109	82	54	31	17	11	8	6
15°	242	216	179	147	111	75	40	21	13	9	7
12.5°	328	286	234	186	141	96	55	29	16	10	7
10°	424	366	297	227	171	118	70	36	19	11	8
7.5°	522	456	367	275	203	138	85	42	22	12	8
5°	614	543	438	321	233	155	97	47	24	13	9
2.5°	702	624	506	365	261	170	107	51	26	14	9
0°	785	695	564	401	283	181	114	53	27	14	9
-2.5°	702	624	506	365	261	170	107	51	26	14	9
-5°	614	543	438	321	233	155	97	47	24	13	9
-7.5°	522	456	367	275	203	138	85	42	22	12	8
-10°	424	366	297	227	171	118	70	36	19	11	8
-12.5°	328	286	234	186	141	96	55	29	16	10	7
-15°	242	216	179	147	111	75	40	21	13	9	7
-17.5°	174	157	135	109	82	54	31	17	11	8	6
-20°	120	111	96	77	56	34	21	13	9	7	6



REPORT NUMBER: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-LSL

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	82	73	63	49	36	24	15	10	8	6	5
-25°	54	44	37	31	23	15	11	8	7	6	5
-27.5°	33	26	22	19	14	11	9	7	6	5	5
-30°	20	17	15	12	10	8	7	6	5	5	4
-32.5°	13	12	10	9	8	7	6	5	5	4	4
-35°	10	9	8	7	6	6	5	5	5	4	4
-37.5°	7	7	6	6	5	5	5	5	4	4	3
-40°	6	5	5	5	5	5	5	4	4	3	3
-42.5°	5	5	5	5	5	4	4	3	3	3	3
-45°	4	4	4	4	4	4	3	3	3	3	2
-47.5°	4	4	4	4	3	3	3	3	3	2	2
-50°	4	4	3	3	3	3	3	2	2	2	2
-52.5°	3	3	3	3	3	2	2	2	2	2	2
-55°	3	3	3	2	2	2	2	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	1	1
-60°	2	2	2	2	2	2	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	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	0	0
-77.5°	1	1	1	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: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-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°	1	1	1	0	0	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°	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°	2	1	1	1	1	1	1	1	1	1	1
50°	2	2	1	1	1	1	1	1	1	1	1
47.5°	2	2	2	1	1	1	1	1	1	1	1
45°	2	2	2	2	1	1	1	1	1	1	1
42.5°	3	2	2	2	1	1	1	1	1	1	1
40°	3	3	2	2	2	1	1	1	1	1	1
37.5°	3	3	2	2	2	1	1	1	1	1	1
35°	3	3	3	2	2	2	1	1	1	1	1
32.5°	4	3	3	3	2	2	1	1	1	1	1
30°	4	4	3	3	2	2	2	1	1	1	1
27.5°	4	4	3	3	2	2	2	1	1	1	1
25°	4	4	3	3	3	2	2	2	1	1	1
22.5°	5	4	4	3	3	2	2	2	1	1	1
20°	5	4	4	3	3	2	2	2	1	1	1
17.5°	5	4	4	3	3	2	2	2	1	1	1
15°	6	5	4	3	3	3	2	2	1	1	1
12.5°	6	5	4	4	3	3	2	2	2	1	1
10°	6	5	4	4	3	3	2	2	2	1	1
7.5°	7	5	4	4	3	3	2	2	2	1	1
5°	7	6	4	4	3	3	2	2	2	1	1
2.5°	7	6	4	4	3	3	2	2	2	1	1
0°	7	6	4	4	3	3	2	2	2	1	1
-2.5°	7	6	4	4	3	3	2	2	2	1	1
-5°	7	6	4	4	3	3	2	2	2	1	1
-7.5°	7	5	4	4	3	3	2	2	2	1	1
-10°	6	5	4	4	3	3	2	2	2	1	1
-12.5°	6	5	4	4	3	3	2	2	2	1	1
-15°	6	5	4	3	3	3	2	2	1	1	1
-17.5°	5	4	4	3	3	2	2	2	1	1	1
-20°	5	4	4	3	3	2	2	2	1	1	1



REPORT NUMBER: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-LSL

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5	4	4	3	3	2	2	2	1	1	1
-25°	4	4	3	3	3	2	2	2	1	1	1
-27.5°	4	4	3	3	2	2	2	1	1	1	1
-30°	4	4	3	3	2	2	2	1	1	1	1
-32.5°	4	3	3	3	2	2	1	1	1	1	1
-35°	3	3	3	2	2	2	1	1	1	1	1
-37.5°	3	3	2	2	2	1	1	1	1	1	1
-40°	3	3	2	2	2	1	1	1	1	1	1
-42.5°	3	2	2	2	1	1	1	1	1	1	1
-45°	2	2	2	2	1	1	1	1	1	1	1
-47.5°	2	2	2	1	1	1	1	1	1	1	1
-50°	2	2	1	1	1	1	1	1	1	1	1
-52.5°	2	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°	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	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: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-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°	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: G2-1802-569-41 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED4025-12-CS-LSL

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)