

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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED2725-12-CS-LSL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-41)  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 203-8LED2725-12-CS-LSL  
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD SILVER, LINEAR SPREAD LENS  
Light Source: (1) SORAA 2700K 90 CRI LED  
SM16-07-25D-927-03  
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

**Summary**

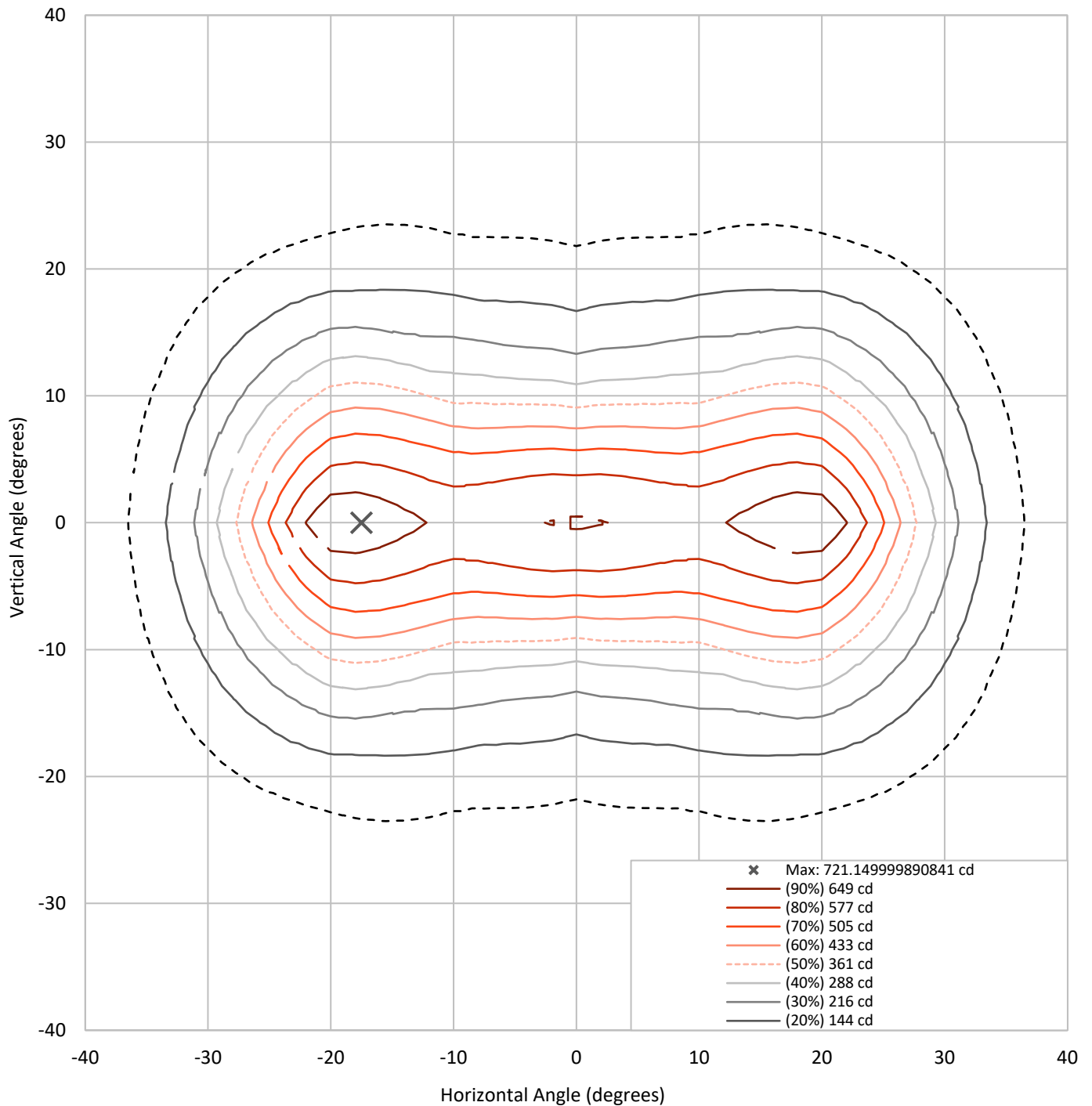
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	284.7 lumens	Max Intensity:	721.1 candela
Efficiency:	N/A	Max Intensity Angle:	-17.5°H x 0°V
Efficacy:	38.5 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	55.3°H x 22.2°V	Field Angle (10%):	72.9°H x 46.7°V
Beam Lumens:	156.9 lumens	Field Lumens:	256.5 lumens
Beam Efficiency:	55.1%	Field Efficiency:	90.1%
Input Watts (W):	7.4		
Input Voltage (V):	NR		
Input Current (A <sub>in</sub> ):	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		



REPORT NUMBER: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)

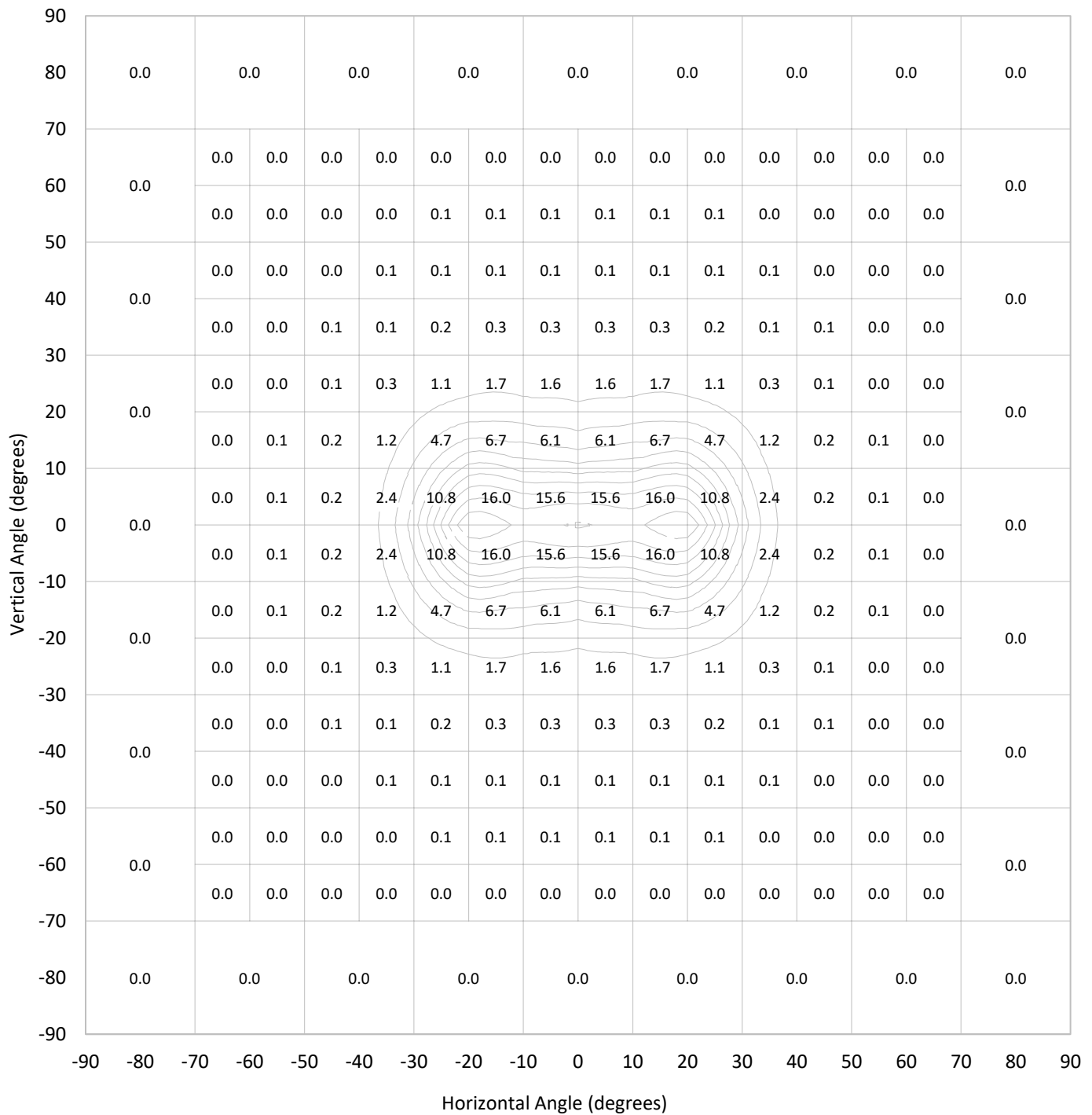
CATALOG NUMBER: 203-8LED2725-12-CS-LSL

### Iso-Candela Plot



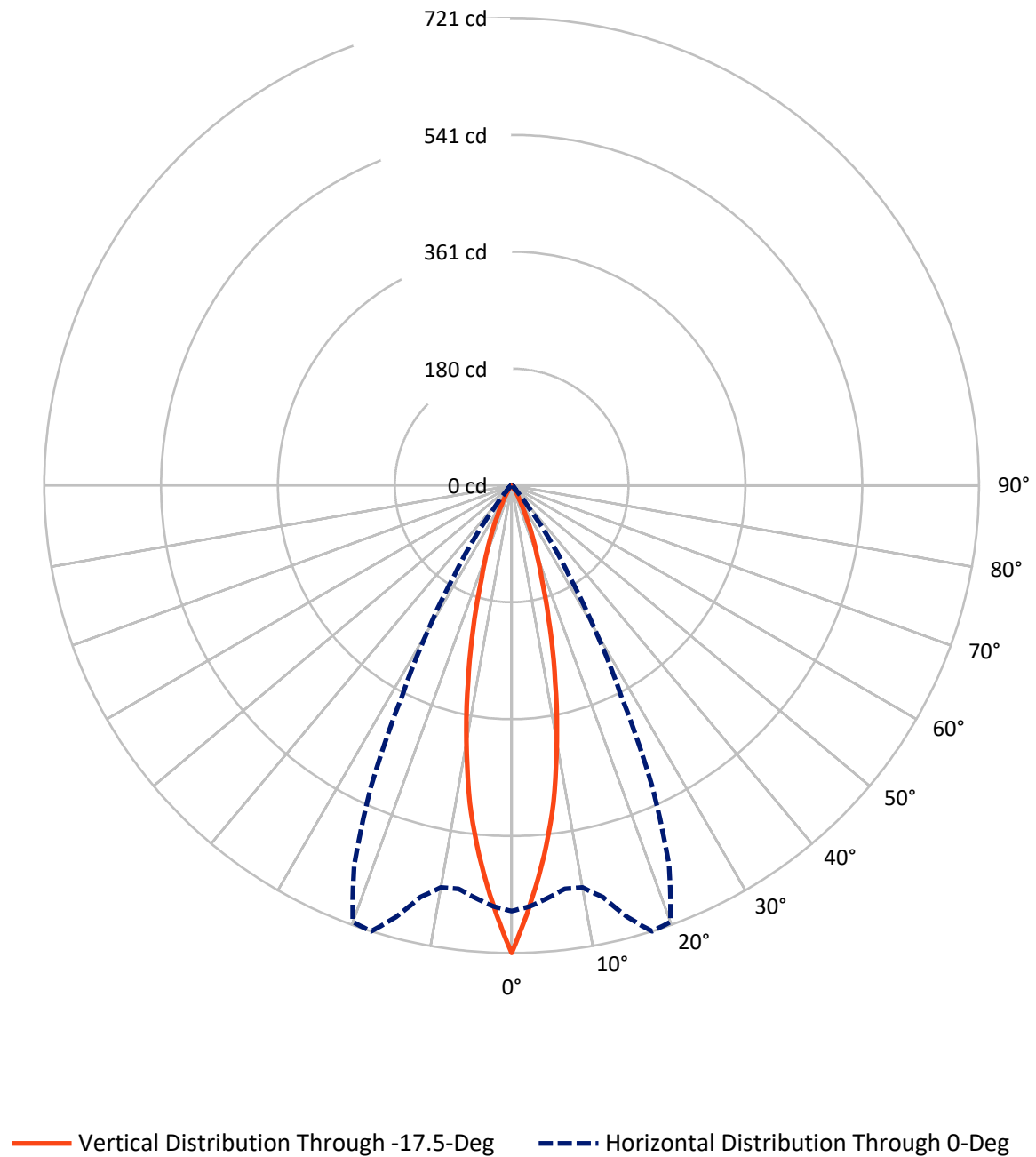
REPORT NUMBER: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-CS-LSL

### Lumen Table



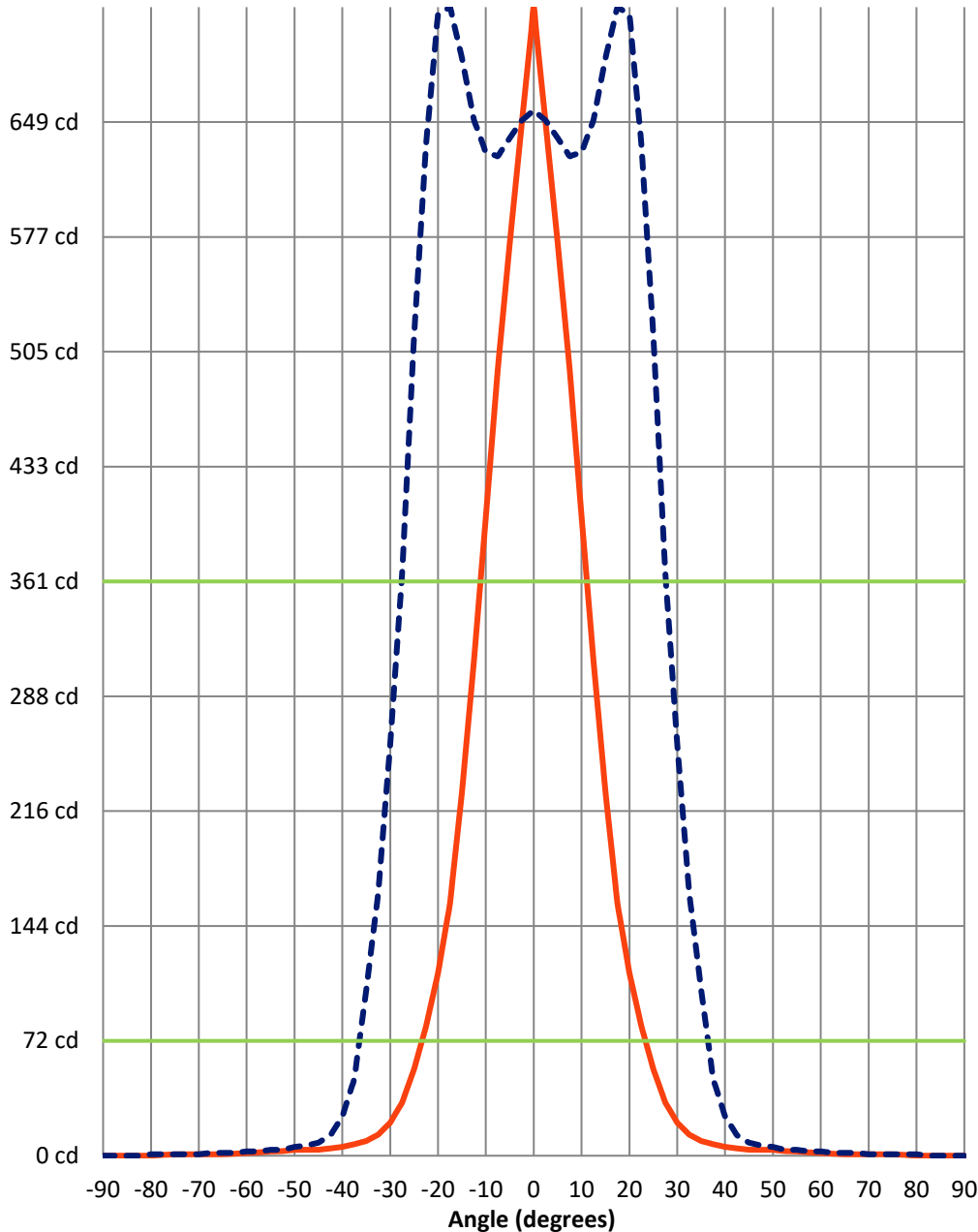
REPORT NUMBER: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 55.3°  
 V Angle: 22.2°  
 Lumens: 156.9  
 Efficiency: 55.1%

**Field:**  
 H Angle: 72.9°  
 V Angle: 46.7°  
 Lumens: 256.5  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 28.2  
 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	0	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	0	1	1	1	1	1	1
25°	0	0	0	0	1	1	1	1	1	1	1
22.5°	0	0	0	0	1	1	1	1	1	1	1
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	1	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	1	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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 203-8LED2725-12-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	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	0	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	0	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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-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	0	1	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	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	1	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	2	3
45°	1	1	1	1	2	2	2	2	2	3	3
42.5°	1	1	1	2	2	2	2	3	3	3	3
40°	1	1	2	2	2	2	3	3	3	3	4
37.5°	1	1	2	2	2	3	3	3	3	4	4
35°	1	2	2	2	3	3	3	3	4	4	5
32.5°	1	2	2	2	3	3	3	4	4	5	5
30°	1	2	2	3	3	3	4	4	4	5	6
27.5°	2	2	2	3	3	4	4	4	5	5	6
25°	2	2	2	3	3	4	4	5	5	6	8
22.5°	2	2	3	3	3	4	4	5	6	7	9
20°	2	2	3	3	4	4	5	5	7	8	12
17.5°	2	2	3	3	4	4	5	6	7	10	16
15°	2	2	3	3	4	4	5	6	8	11	20
12.5°	2	2	3	3	4	4	6	7	9	14	26
10°	2	3	3	3	4	5	6	7	10	17	33
7.5°	2	3	3	4	4	5	6	8	11	20	38
5°	2	3	3	4	4	5	6	8	12	22	43
2.5°	2	3	3	4	4	5	6	8	12	23	46
0°	2	3	3	4	4	5	6	8	13	25	48
-2.5°	2	3	3	4	4	5	6	8	12	23	46
-5°	2	3	3	4	4	5	6	8	12	22	43
-7.5°	2	3	3	4	4	5	6	8	11	20	38
-10°	2	3	3	3	4	5	6	7	10	17	33
-12.5°	2	2	3	3	4	4	6	7	9	14	26
-15°	2	2	3	3	4	4	5	6	8	11	20
-17.5°	2	2	3	3	4	4	5	6	7	10	16
-20°	2	2	3	3	4	4	5	5	7	8	12



REPORT NUMBER: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-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	3	4	4	5	6	7	9
-25°	2	2	2	3	3	4	4	5	5	6	8
-27.5°	2	2	2	3	3	4	4	4	5	5	6
-30°	1	2	2	3	3	3	4	4	4	5	6
-32.5°	1	2	2	2	3	3	3	4	4	5	5
-35°	1	2	2	2	3	3	3	3	4	4	5
-37.5°	1	1	2	2	2	3	3	3	3	4	4
-40°	1	1	2	2	2	2	3	3	3	3	4
-42.5°	1	1	1	2	2	2	2	3	3	3	3
-45°	1	1	1	1	2	2	2	2	2	3	3
-47.5°	1	1	1	1	2	2	2	2	2	2	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	1	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°	0	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-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	0	1	1	1	1	0	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	1	1	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	3
55°	2	2	2	2	2	3	3	3	3	3	3
52.5°	2	2	2	3	3	3	3	3	3	3	3
50°	2	3	3	3	3	3	4	4	4	4	4
47.5°	3	3	3	3	4	4	4	4	4	4	4
45°	3	3	4	4	4	4	4	4	4	4	4
42.5°	4	4	4	4	4	4	4	5	5	5	5
40°	4	5	4	4	5	5	5	6	6	6	6
37.5°	5	5	5	5	6	6	7	7	7	7	8
35°	5	5	6	6	7	8	9	9	9	9	10
32.5°	5	6	7	8	9	11	12	13	13	13	13
30°	6	8	9	11	13	16	19	21	21	18	18
27.5°	8	10	13	17	20	24	30	33	35	31	28
25°	10	14	21	28	34	40	49	54	55	52	46
22.5°	14	22	33	45	57	67	74	81	84	82	74
20°	19	31	51	70	88	101	109	115	119	116	108
17.5°	28	49	75	100	123	144	159	158	158	157	152
15°	37	69	102	134	163	197	221	228	208	207	207
12.5°	50	88	128	169	214	261	299	311	296	269	267
10°	64	107	156	208	271	334	387	401	390	365	338
7.5°	77	126	185	251	335	416	476	494	482	459	438
5°	89	142	213	293	400	496	561	573	561	544	528
2.5°	98	155	238	333	462	569	641	648	625	598	587
0°	104	165	258	366	515	635	717	721	689	650	630
-2.5°	98	155	238	333	462	569	641	648	625	598	587
-5°	89	142	213	293	400	496	561	573	561	544	528
-7.5°	77	126	185	251	335	416	476	494	482	459	438
-10°	64	107	156	208	271	334	387	401	390	365	338
-12.5°	50	88	128	169	214	261	299	311	296	269	267
-15°	37	69	102	134	163	197	221	228	208	207	207
-17.5°	28	49	75	100	123	144	159	158	158	157	152
-20°	19	31	51	70	88	101	109	115	119	116	108



REPORT NUMBER: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	14	22	33	45	57	67	74	81	84	82	74
-25°	10	14	21	28	34	40	49	54	55	52	46
-27.5°	8	10	13	17	20	24	30	33	35	31	28
-30°	6	8	9	11	13	16	19	21	21	18	18
-32.5°	5	6	7	8	9	11	12	13	13	13	13
-35°	5	5	6	6	7	8	9	9	9	9	10
-37.5°	5	5	5	5	6	6	7	7	7	7	8
-40°	4	5	4	4	5	5	5	6	6	6	6
-42.5°	4	4	4	4	4	4	4	5	5	5	5
-45°	3	3	4	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	4	4	4	4	4	4	4
-50°	2	3	3	3	3	3	4	4	4	4	4
-52.5°	2	2	2	3	3	3	3	3	3	3	3
-55°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	2	2	3
-60°	1	1	1	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	1	1	1	1	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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-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	0	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	2	2	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°	4	5	5	5	5	5	4	4	4	4	4
42.5°	5	5	5	6	5	5	5	5	5	5	5
40°	7	7	7	6	7	7	7	6	6	6	6
37.5°	8	8	7	7	7	8	8	8	7	7	7
35°	10	10	10	10	10	10	10	10	9	9	9
32.5°	13	13	13	13	13	13	13	13	13	13	13
30°	19	19	18	16	18	19	19	18	18	21	21
27.5°	30	30	29	26	29	30	30	28	31	35	33
25°	48	49	47	44	47	49	48	46	52	55	54
22.5°	71	71	69	64	69	71	71	74	82	84	81
20°	100	102	99	92	99	102	100	108	116	119	115
17.5°	141	142	139	129	139	142	141	152	157	158	158
15°	198	189	186	174	186	189	198	207	207	208	228
12.5°	262	248	247	234	247	248	262	267	269	296	311
10°	339	333	333	320	333	333	339	338	365	390	401
7.5°	427	436	438	430	438	436	427	438	459	482	494
5°	525	533	542	537	542	533	525	528	544	561	573
2.5°	596	611	619	619	619	611	596	587	598	625	648
0°	628	639	650	656	650	639	628	630	650	689	721
-2.5°	596	611	619	619	619	611	596	587	598	625	648
-5°	525	533	542	537	542	533	525	528	544	561	573
-7.5°	427	436	438	430	438	436	427	438	459	482	494
-10°	339	333	333	320	333	333	339	338	365	390	401
-12.5°	262	248	247	234	247	248	262	267	269	296	311
-15°	198	189	186	174	186	189	198	207	207	208	228
-17.5°	141	142	139	129	139	142	141	152	157	158	158
-20°	100	102	99	92	99	102	100	108	116	119	115



REPORT NUMBER: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	71	71	69	64	69	71	71	74	82	84	81
-25°	48	49	47	44	47	49	48	46	52	55	54
-27.5°	30	30	29	26	29	30	30	28	31	35	33
-30°	19	19	18	16	18	19	19	18	18	21	21
-32.5°	13	13	13	13	13	13	13	13	13	13	13
-35°	10	10	10	10	10	10	10	10	9	9	9
-37.5°	8	8	7	7	7	8	8	8	7	7	7
-40°	7	7	7	6	7	7	7	6	6	6	6
-42.5°	5	5	5	6	5	5	5	5	5	5	5
-45°	4	5	5	5	5	5	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	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	2	2	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	0	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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-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	0	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	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
55°	3	3	2	2	2	2	2	2	2	2	1
52.5°	3	3	3	3	2	2	2	2	2	2	2
50°	4	3	3	3	3	3	2	2	2	2	2
47.5°	4	4	4	3	3	3	3	3	2	2	2
45°	4	4	4	4	4	3	3	3	3	2	2
42.5°	4	4	4	4	4	4	4	3	3	3	3
40°	5	5	5	4	4	5	4	4	3	3	3
37.5°	7	6	6	5	5	5	5	4	4	3	3
35°	9	8	7	6	6	5	5	5	4	4	3
32.5°	12	11	9	8	7	6	5	5	5	4	4
30°	19	16	13	11	9	8	6	6	5	4	4
27.5°	30	24	20	17	13	10	8	6	5	5	4
25°	49	40	34	28	21	14	10	8	6	5	5
22.5°	74	67	57	45	33	22	14	9	7	6	5
20°	109	101	88	70	51	31	19	12	8	7	5
17.5°	159	144	123	100	75	49	28	16	10	7	6
15°	221	197	163	134	102	69	37	20	11	8	6
12.5°	299	261	214	169	128	88	50	26	14	9	7
10°	387	334	271	208	156	107	64	33	17	10	7
7.5°	476	416	335	251	185	126	77	38	20	11	8
5°	561	496	400	293	213	142	89	43	22	12	8
2.5°	641	569	462	333	238	155	98	46	23	12	8
0°	717	635	515	366	258	165	104	48	25	13	8
-2.5°	641	569	462	333	238	155	98	46	23	12	8
-5°	561	496	400	293	213	142	89	43	22	12	8
-7.5°	476	416	335	251	185	126	77	38	20	11	8
-10°	387	334	271	208	156	107	64	33	17	10	7
-12.5°	299	261	214	169	128	88	50	26	14	9	7
-15°	221	197	163	134	102	69	37	20	11	8	6
-17.5°	159	144	123	100	75	49	28	16	10	7	6
-20°	109	101	88	70	51	31	19	12	8	7	5



REPORT NUMBER: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	74	67	57	45	33	22	14	9	7	6	5
-25°	49	40	34	28	21	14	10	8	6	5	5
-27.5°	30	24	20	17	13	10	8	6	5	5	4
-30°	19	16	13	11	9	8	6	6	5	4	4
-32.5°	12	11	9	8	7	6	5	5	5	4	4
-35°	9	8	7	6	6	5	5	5	4	4	3
-37.5°	7	6	6	5	5	5	5	4	4	3	3
-40°	5	5	5	4	4	5	4	4	3	3	3
-42.5°	4	4	4	4	4	4	4	3	3	3	3
-45°	4	4	4	4	4	3	3	3	3	2	2
-47.5°	4	4	4	3	3	3	3	3	2	2	2
-50°	4	3	3	3	3	3	2	2	2	2	2
-52.5°	3	3	3	3	2	2	2	2	2	2	2
-55°	3	3	2	2	2	2	2	2	2	2	1
-57.5°	2	2	2	2	2	2	2	2	2	1	1
-60°	2	2	2	2	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°	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	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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-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	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	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	1	1	1	1	1	1	1	1
42.5°	2	2	2	2	1	1	1	1	1	1	1
40°	3	2	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°	3	3	3	2	2	2	1	1	1	1	1
30°	4	3	3	3	2	2	1	1	1	1	1
27.5°	4	4	3	3	2	2	2	1	1	1	1
25°	4	4	3	3	2	2	2	1	1	1	1
22.5°	4	4	3	3	3	2	2	1	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°	5	4	4	3	3	2	2	2	1	1	1
12.5°	6	4	4	3	3	2	2	2	1	1	1
10°	6	5	4	3	3	3	2	2	2	1	1
7.5°	6	5	4	4	3	3	2	2	2	1	1
5°	6	5	4	4	3	3	2	2	2	1	1
2.5°	6	5	4	4	3	3	2	2	2	1	1
0°	6	5	4	4	3	3	2	2	2	1	1
-2.5°	6	5	4	4	3	3	2	2	2	1	1
-5°	6	5	4	4	3	3	2	2	2	1	1
-7.5°	6	5	4	4	3	3	2	2	2	1	1
-10°	6	5	4	3	3	3	2	2	2	1	1
-12.5°	6	4	4	3	3	2	2	2	1	1	1
-15°	5	4	4	3	3	2	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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4	4	3	3	3	2	2	1	1	1	1
-25°	4	4	3	3	2	2	2	1	1	1	1
-27.5°	4	4	3	3	2	2	2	1	1	1	1
-30°	4	3	3	3	2	2	1	1	1	1	1
-32.5°	3	3	3	2	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	2	2	2	2	1	1	1	1	1	1
-42.5°	2	2	2	2	1	1	1	1	1	1	1
-45°	2	2	2	1	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	0	0	0	0	0
-72.5°	1	1	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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-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	0	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	0	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: P247023 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2725-12-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	0	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	0	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)