

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: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-43)
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-OSL
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD SILVER, OVERALL SPREAD LENS
Light Source: (1) SORAA 2700K 90 CRI LED
SM16-07-25D-927-03
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

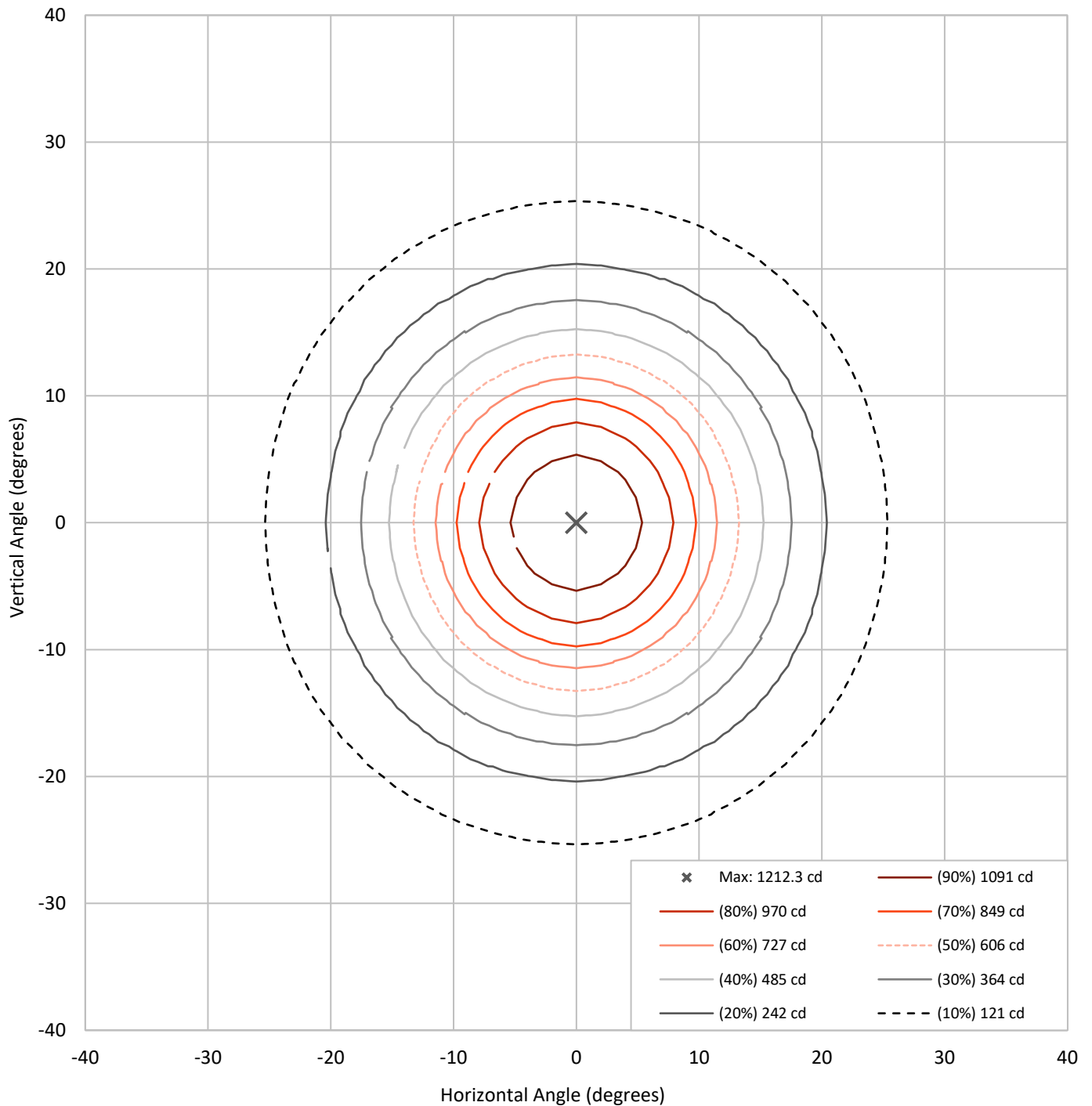
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	311.1 lumens	Max Intensity:	1212.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	40.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	26.5°H x 26.5°V	Field Angle (10%):	50.6°H x 50.6°V
Beam Lumens:	146.8 lumens	Field Lumens:	274 lumens
Beam Efficiency:	47.2%	Field Efficiency:	88.1%
Input Watts (W):	7.6		
Input Voltage (V):	NR		
Input Current (A _{in}):	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: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 203-8LED2725-12-CS-OSL

Iso-Candela Plot





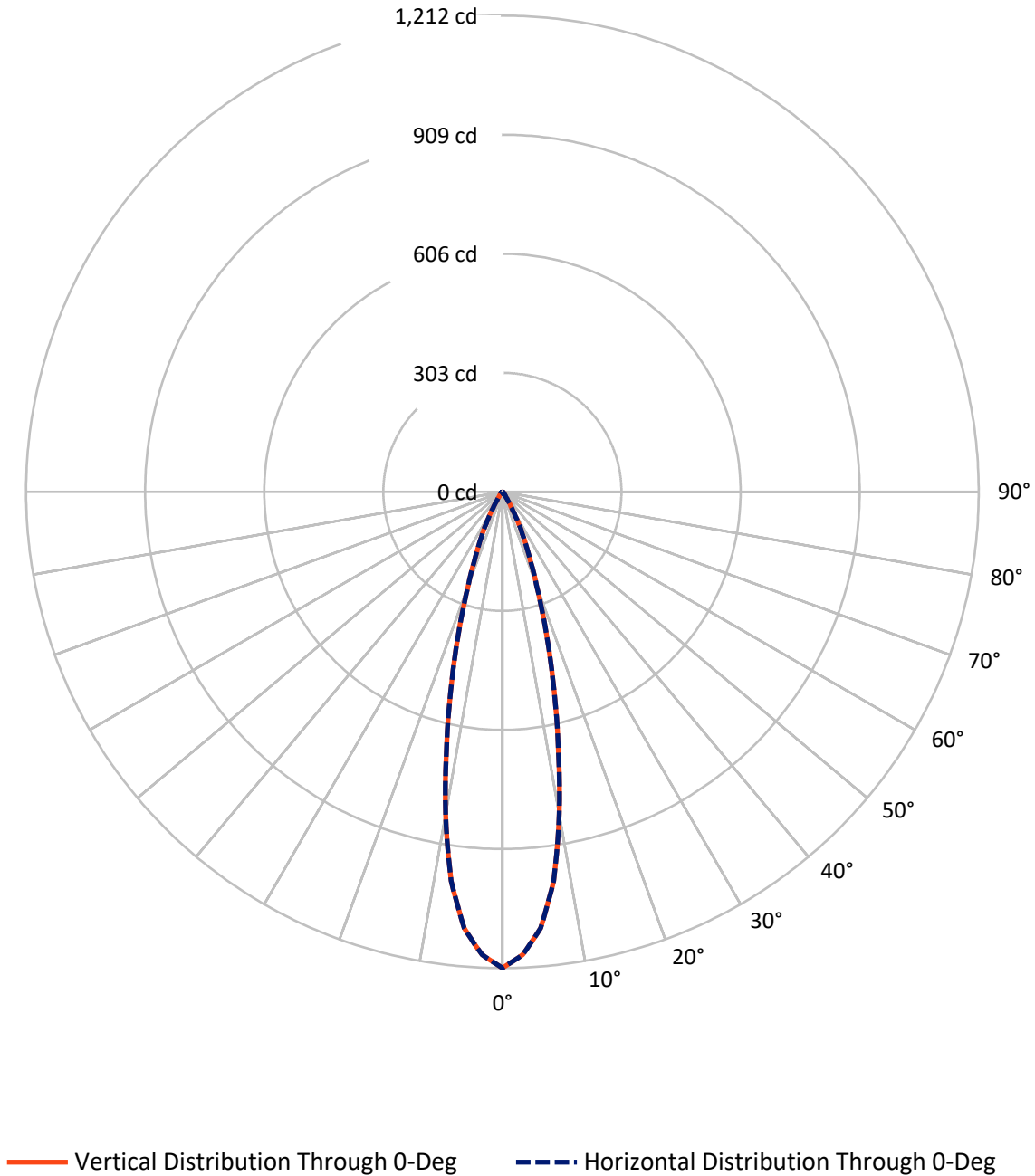
REPORT NUMBER: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

Lumen Table

90	0.0															
80	0.0															
70	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	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	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	0.0
30	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.5	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0
20	0.0	0.0	0.1	0.2	0.6	2.0	3.7	3.7	2.0	0.6	0.2	0.1	0.0	0.0	0.0	0.0
10	0.0	0.0	0.1	0.3	1.9	6.8	13.7	13.7	6.8	1.9	0.3	0.1	0.0	0.0	0.0	0.0
0	0.0	0.0	0.1	0.5	3.4	13.4	28.9	28.9	13.4	3.4	0.5	0.1	0.0	0.0	0.0	0.0
-10	0.0	0.0	0.1	0.5	3.4	13.4	28.9	28.9	13.4	3.4	0.5	0.1	0.0	0.0	0.0	0.0
-20	0.0	0.0	0.1	0.3	1.9	6.8	13.7	13.7	6.8	1.9	0.3	0.1	0.0	0.0	0.0	0.0
-30	0.0	0.0	0.1	0.2	0.6	2.0	3.7	3.7	2.0	0.6	0.2	0.1	0.0	0.0	0.0	0.0
-40	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.5	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0
-50	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	0.0
-60	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	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															
-90	0.0															

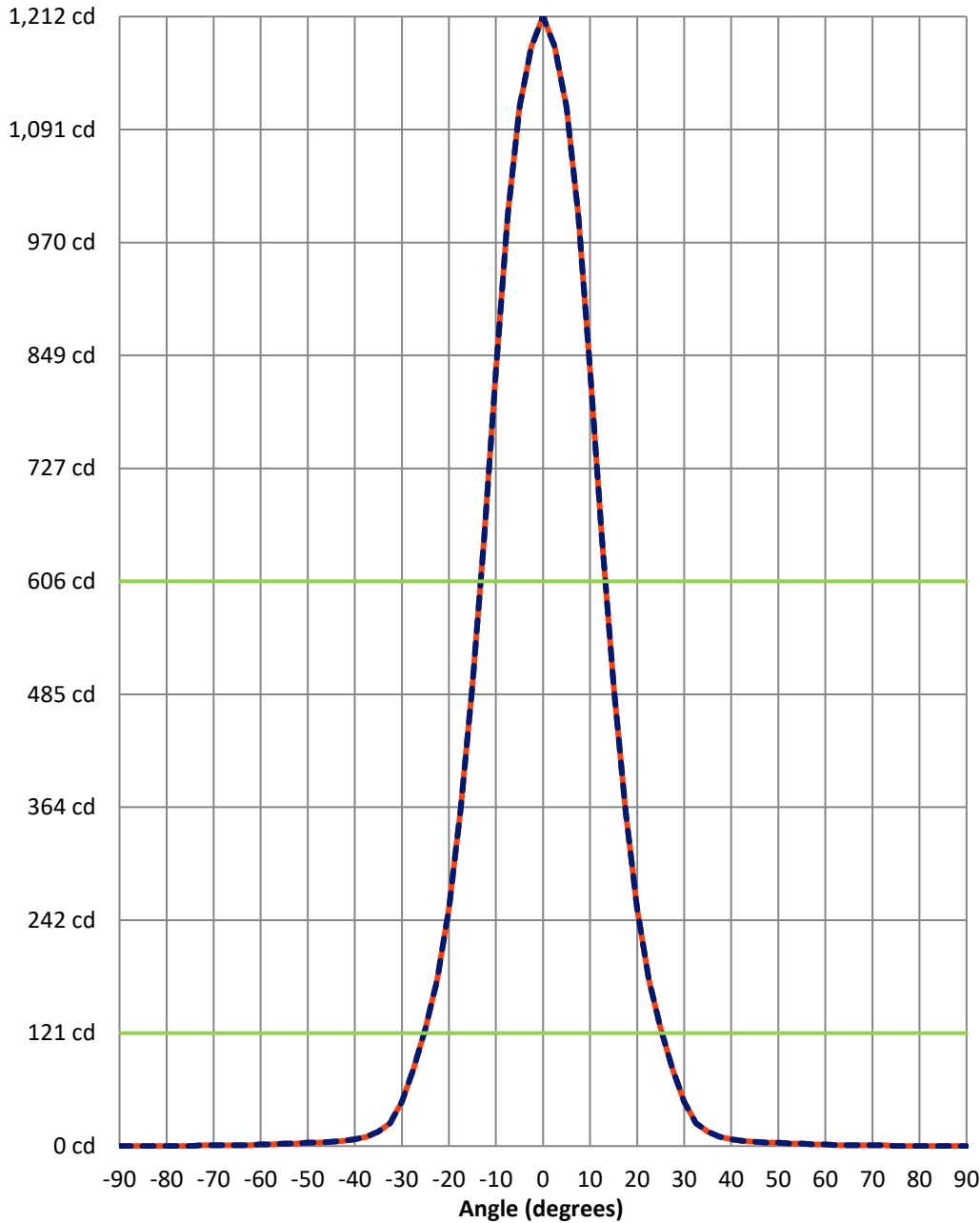
REPORT NUMBER: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 26.5°
 V Angle: 26.5°
 Lumens: 146.8
 Efficiency: 47.2%

Field:
 H Angle: 50.6°
 V Angle: 50.6°
 Lumens: 274
 Efficiency: 88.1%

Spill:
 Lumens: 37.2
 Efficiency: 11.9%

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



REPORT NUMBER: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

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	1	1	1
-25°	0	0	0	0	0	0	0	0	1	1	1
-27.5°	0	0	0	0	0	0	0	0	1	1	1
-30°	0	0	0	0	0	0	0	0	1	1	1
-32.5°	0	0	0	0	0	0	0	0	1	1	1
-35°	0	0	0	0	0	0	0	0	0	1	1
-37.5°	0	0	0	0	0	0	0	0	0	1	1
-40°	0	0	0	0	0	0	0	0	0	1	1
-42.5°	0	0	0	0	0	0	0	0	0	0	1
-45°	0	0	0	0	0	0	0	0	0	0	1
-47.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

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	1	1
65°	0	0	0	0	0	0	1	1	1	1	1
62.5°	0	0	0	0	0	1	1	1	1	1	1
60°	0	0	0	1	1	1	1	1	1	1	1
57.5°	0	0	1	1	1	1	1	1	1	1	1
55°	0	1	1	1	1	1	1	1	1	1	1
52.5°	0	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	2	2
47.5°	1	1	1	1	1	1	1	1	2	2	2
45°	1	1	1	1	1	1	1	2	2	2	2
42.5°	1	1	1	1	1	1	2	2	2	2	3
40°	1	1	1	1	1	2	2	2	2	3	3
37.5°	1	1	1	1	1	2	2	2	3	3	3
35°	1	1	1	1	2	2	2	3	3	3	4
32.5°	1	1	1	1	2	2	3	3	3	4	4
30°	1	1	1	2	2	2	3	3	4	4	4
27.5°	1	1	1	2	2	3	3	3	4	4	5
25°	1	1	1	2	2	3	3	4	4	4	5
22.5°	1	1	2	2	2	3	3	4	4	5	5
20°	1	1	2	2	3	3	3	4	4	5	6
17.5°	1	1	2	2	3	3	4	4	4	5	7
15°	1	1	2	2	3	3	4	4	5	6	7
12.5°	1	2	2	2	3	3	4	4	5	6	8
10°	1	2	2	2	3	3	4	4	5	7	9
7.5°	1	2	2	3	3	4	4	4	5	7	9
5°	1	2	2	3	3	4	4	5	5	7	10
2.5°	1	2	2	3	3	4	4	5	5	7	10
0°	1	2	2	3	3	4	4	5	6	7	10
-2.5°	1	2	2	3	3	4	4	5	5	7	10
-5°	1	2	2	3	3	4	4	5	5	7	10
-7.5°	1	2	2	3	3	4	4	4	5	7	9
-10°	1	2	2	2	3	3	4	4	5	7	9
-12.5°	1	2	2	2	3	3	4	4	5	6	8
-15°	1	1	2	2	3	3	4	4	5	6	7
-17.5°	1	1	2	2	3	3	4	4	4	5	7
-20°	1	1	2	2	3	3	3	4	4	5	6



REPORT NUMBER: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

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	2	2	3	3	4	4	5	5
-25°	1	1	1	2	2	3	3	4	4	4	5
-27.5°	1	1	1	2	2	3	3	3	4	4	5
-30°	1	1	1	2	2	2	3	3	4	4	4
-32.5°	1	1	1	1	2	2	3	3	3	4	4
-35°	1	1	1	1	2	2	2	3	3	3	4
-37.5°	1	1	1	1	1	2	2	2	3	3	3
-40°	1	1	1	1	1	2	2	2	2	3	3
-42.5°	1	1	1	1	1	1	2	2	2	2	3
-45°	1	1	1	1	1	1	1	2	2	2	2
-47.5°	1	1	1	1	1	1	1	1	2	2	2
-50°	1	1	1	1	1	1	1	1	1	2	2
-52.5°	0	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	1	1	1	1	1	1	1	1	1
-60°	0	0	0	1	1	1	1	1	1	1	1
-62.5°	0	0	0	0	0	1	1	1	1	1	1
-65°	0	0	0	0	0	0	1	1	1	1	1
-67.5°	0	0	0	0	0	0	0	0	0	1	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: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

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	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	2	2
57.5°	1	1	1	1	1	2	2	2	2	2	2
55°	1	1	2	2	2	2	2	2	2	2	2
52.5°	2	2	2	2	2	2	3	3	3	3	3
50°	2	2	2	3	3	3	3	3	3	3	3
47.5°	2	3	3	3	3	3	3	4	4	4	4
45°	3	3	3	3	4	4	4	4	4	4	4
42.5°	3	3	4	4	4	4	4	4	5	5	5
40°	3	4	4	4	4	5	5	5	6	6	7
37.5°	4	4	4	5	5	5	6	7	7	8	9
35°	4	4	5	5	6	7	8	9	10	11	13
32.5°	4	5	5	6	7	9	10	12	15	17	20
30°	5	5	6	8	9	11	14	18	22	27	34
27.5°	5	6	8	9	12	16	21	27	38	47	59
25°	6	7	9	12	16	22	33	46	62	79	94
22.5°	7	9	11	16	22	35	51	72	94	115	135
20°	8	10	14	21	33	51	75	102	130	157	184
17.5°	9	12	18	27	46	72	102	135	169	209	252
15°	10	15	22	38	62	94	130	169	217	277	340
12.5°	11	17	27	47	79	115	157	209	277	357	440
10°	13	20	34	59	94	135	184	252	340	440	549
7.5°	14	22	40	69	107	152	211	294	399	522	655
5°	15	23	44	76	118	166	234	331	449	591	747
2.5°	15	24	47	81	124	175	250	354	483	637	810
0°	16	25	48	83	126	178	255	362	495	654	833
-2.5°	15	24	47	81	124	175	250	354	483	637	810
-5°	15	23	44	76	118	166	234	331	449	591	747
-7.5°	14	22	40	69	107	152	211	294	399	522	655
-10°	13	20	34	59	94	135	184	252	340	440	549
-12.5°	11	17	27	47	79	115	157	209	277	357	440
-15°	10	15	22	38	62	94	130	169	217	277	340
-17.5°	9	12	18	27	46	72	102	135	169	209	252
-20°	8	10	14	21	33	51	75	102	130	157	184



REPORT NUMBER: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7	9	11	16	22	35	51	72	94	115	135
-25°	6	7	9	12	16	22	33	46	62	79	94
-27.5°	5	6	8	9	12	16	21	27	38	47	59
-30°	5	5	6	8	9	11	14	18	22	27	34
-32.5°	4	5	5	6	7	9	10	12	15	17	20
-35°	4	4	5	5	6	7	8	9	10	11	13
-37.5°	4	4	4	5	5	5	6	7	7	8	9
-40°	3	4	4	4	4	5	5	5	6	6	7
-42.5°	3	3	4	4	4	4	4	4	5	5	5
-45°	3	3	3	3	4	4	4	4	4	4	4
-47.5°	2	3	3	3	3	3	3	4	4	4	4
-50°	2	2	2	3	3	3	3	3	3	3	3
-52.5°	2	2	2	2	2	2	3	3	3	3	3
-55°	1	1	2	2	2	2	2	2	2	2	2
-57.5°	1	1	1	1	1	2	2	2	2	2	2
-60°	1	1	1	1	1	1	1	1	1	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°	0	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	0	1	1	1	1	1
-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: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

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°	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	1	1
57.5°	2	2	2	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	3	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	3	3	3
50°	4	4	4	4	4	4	4	3	3	3	3
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	4
40°	7	7	7	7	7	7	7	7	6	6	5
37.5°	9	10	10	10	10	10	9	9	8	7	7
35°	14	15	15	16	15	15	14	13	11	10	9
32.5°	22	23	24	25	24	23	22	20	17	15	12
30°	40	44	47	48	47	44	40	34	27	22	18
27.5°	69	76	81	83	81	76	69	59	47	38	27
25°	107	118	124	126	124	118	107	94	79	62	46
22.5°	152	166	175	178	175	166	152	135	115	94	72
20°	211	234	250	255	250	234	211	184	157	130	102
17.5°	294	331	354	362	354	331	294	252	209	169	135
15°	399	449	483	495	483	449	399	340	277	217	169
12.5°	522	591	637	654	637	591	522	440	357	277	209
10°	655	747	810	833	810	747	655	549	440	340	252
7.5°	789	903	975	999	975	903	789	655	522	399	294
5°	903	1024	1092	1115	1092	1024	903	747	591	449	331
2.5°	975	1092	1156	1179	1156	1092	975	810	637	483	354
0°	999	1115	1179	1212	1179	1115	999	833	654	495	362
-2.5°	975	1092	1156	1179	1156	1092	975	810	637	483	354
-5°	903	1024	1092	1115	1092	1024	903	747	591	449	331
-7.5°	789	903	975	999	975	903	789	655	522	399	294
-10°	655	747	810	833	810	747	655	549	440	340	252
-12.5°	522	591	637	654	637	591	522	440	357	277	209
-15°	399	449	483	495	483	449	399	340	277	217	169
-17.5°	294	331	354	362	354	331	294	252	209	169	135
-20°	211	234	250	255	250	234	211	184	157	130	102



REPORT NUMBER: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	152	166	175	178	175	166	152	135	115	94	72
-25°	107	118	124	126	124	118	107	94	79	62	46
-27.5°	69	76	81	83	81	76	69	59	47	38	27
-30°	40	44	47	48	47	44	40	34	27	22	18
-32.5°	22	23	24	25	24	23	22	20	17	15	12
-35°	14	15	15	16	15	15	14	13	11	10	9
-37.5°	9	10	10	10	10	10	9	9	8	7	7
-40°	7	7	7	7	7	7	7	7	6	6	5
-42.5°	5	5	5	6	5	5	5	5	5	5	4
-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	3	3	3	3
-52.5°	3	3	3	3	3	3	3	3	3	3	3
-55°	3	3	3	3	3	3	3	2	2	2	2
-57.5°	2	2	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	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°	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: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

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°	1	0	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	1	0	0
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°	2	2	1	1	1	1	1	1	1	1	1
55°	2	2	2	2	2	1	1	1	1	1	1
52.5°	3	2	2	2	2	2	2	1	1	1	1
50°	3	3	3	3	2	2	2	2	2	1	1
47.5°	3	3	3	3	3	3	2	2	2	2	1
45°	4	4	4	3	3	3	3	2	2	2	2
42.5°	4	4	4	4	4	3	3	3	2	2	2
40°	5	5	4	4	4	4	3	3	3	2	2
37.5°	6	5	5	5	4	4	4	3	3	3	2
35°	8	7	6	5	5	4	4	4	3	3	3
32.5°	10	9	7	6	5	5	4	4	4	3	3
30°	14	11	9	8	6	5	5	4	4	4	3
27.5°	21	16	12	9	8	6	5	5	4	4	3
25°	33	22	16	12	9	7	6	5	4	4	4
22.5°	51	35	22	16	11	9	7	5	5	4	4
20°	75	51	33	21	14	10	8	6	5	4	4
17.5°	102	72	46	27	18	12	9	7	5	4	4
15°	130	94	62	38	22	15	10	7	6	5	4
12.5°	157	115	79	47	27	17	11	8	6	5	4
10°	184	135	94	59	34	20	13	9	7	5	4
7.5°	211	152	107	69	40	22	14	9	7	5	4
5°	234	166	118	76	44	23	15	10	7	5	5
2.5°	250	175	124	81	47	24	15	10	7	5	5
0°	255	178	126	83	48	25	16	10	7	6	5
-2.5°	250	175	124	81	47	24	15	10	7	5	5
-5°	234	166	118	76	44	23	15	10	7	5	5
-7.5°	211	152	107	69	40	22	14	9	7	5	4
-10°	184	135	94	59	34	20	13	9	7	5	4
-12.5°	157	115	79	47	27	17	11	8	6	5	4
-15°	130	94	62	38	22	15	10	7	6	5	4
-17.5°	102	72	46	27	18	12	9	7	5	4	4
-20°	75	51	33	21	14	10	8	6	5	4	4



REPORT NUMBER: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	51	35	22	16	11	9	7	5	5	4	4
-25°	33	22	16	12	9	7	6	5	4	4	4
-27.5°	21	16	12	9	8	6	5	5	4	4	3
-30°	14	11	9	8	6	5	5	4	4	4	3
-32.5°	10	9	7	6	5	5	4	4	4	3	3
-35°	8	7	6	5	5	4	4	4	3	3	3
-37.5°	6	5	5	5	4	4	4	3	3	3	2
-40°	5	5	4	4	4	4	3	3	3	2	2
-42.5°	4	4	4	4	4	3	3	3	2	2	2
-45°	4	4	4	3	3	3	3	2	2	2	2
-47.5°	3	3	3	3	3	3	2	2	2	2	1
-50°	3	3	3	3	2	2	2	2	2	1	1
-52.5°	3	2	2	2	2	2	2	1	1	1	1
-55°	2	2	2	2	2	1	1	1	1	1	1
-57.5°	2	2	1	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	1	1
-67.5°	1	1	1	1	1	1	1	1	1	0	0
-70°	1	1	1	1	1	1	0	0	0	0	0
-72.5°	1	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: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

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°	1	0	0	0	0	0	0	0	0	0	0
62.5°	1	1	0	0	0	0	0	0	0	0	0
60°	1	1	1	1	0	0	0	0	0	0	0
57.5°	1	1	1	1	1	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	0	0	0	0	0
50°	1	1	1	1	1	1	1	0	0	0	0
47.5°	1	1	1	1	1	1	1	1	0	0	0
45°	1	1	1	1	1	1	1	1	0	0	0
42.5°	2	1	1	1	1	1	1	1	0	0	0
40°	2	2	1	1	1	1	1	1	1	0	0
37.5°	2	2	1	1	1	1	1	1	1	0	0
35°	2	2	2	1	1	1	1	1	1	0	0
32.5°	3	2	2	1	1	1	1	1	1	1	0
30°	3	2	2	2	1	1	1	1	1	1	0
27.5°	3	3	2	2	1	1	1	1	1	1	0
25°	3	3	2	2	1	1	1	1	1	1	0
22.5°	3	3	2	2	2	1	1	1	1	1	0
20°	3	3	3	2	2	1	1	1	1	1	1
17.5°	4	3	3	2	2	1	1	1	1	1	1
15°	4	3	3	2	2	1	1	1	1	1	1
12.5°	4	3	3	2	2	2	1	1	1	1	1
10°	4	3	3	2	2	2	1	1	1	1	1
7.5°	4	4	3	3	2	2	1	1	1	1	1
5°	4	4	3	3	2	2	1	1	1	1	1
2.5°	4	4	3	3	2	2	1	1	1	1	1
0°	4	4	3	3	2	2	1	1	1	1	1
-2.5°	4	4	3	3	2	2	1	1	1	1	1
-5°	4	4	3	3	2	2	1	1	1	1	1
-7.5°	4	4	3	3	2	2	1	1	1	1	1
-10°	4	3	3	2	2	2	1	1	1	1	1
-12.5°	4	3	3	2	2	2	1	1	1	1	1
-15°	4	3	3	2	2	1	1	1	1	1	1
-17.5°	4	3	3	2	2	1	1	1	1	1	1
-20°	3	3	3	2	2	1	1	1	1	1	1



REPORT NUMBER: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3	3	2	2	2	1	1	1	1	1	0
-25°	3	3	2	2	1	1	1	1	1	1	0
-27.5°	3	3	2	2	1	1	1	1	1	1	0
-30°	3	2	2	2	1	1	1	1	1	1	0
-32.5°	3	2	2	1	1	1	1	1	1	1	0
-35°	2	2	2	1	1	1	1	1	1	0	0
-37.5°	2	2	1	1	1	1	1	1	1	0	0
-40°	2	2	1	1	1	1	1	1	1	0	0
-42.5°	2	1	1	1	1	1	1	1	0	0	0
-45°	1	1	1	1	1	1	1	1	0	0	0
-47.5°	1	1	1	1	1	1	1	1	0	0	0
-50°	1	1	1	1	1	1	1	0	0	0	0
-52.5°	1	1	1	1	1	1	0	0	0	0	0
-55°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	1	1	0	0	0	0	0	0
-60°	1	1	1	1	0	0	0	0	0	0	0
-62.5°	1	1	0	0	0	0	0	0	0	0	0
-65°	1	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: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS-OSL

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: P247025 (CONVERTED FROM TYPE C PHOTOMETRY)

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

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)