

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: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED2710-12-CS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (Pxxxxxx)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 203-8LED2710-12-CS
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 10 DEGREE SPOT OPTIC,
REGRESSED HOOD SILVER
Light Source: (1) SORAA 2700K 95 CRI 10°NSP LED
SM16-07-10D-927-03
Ballast/Driver: CHROMA POWER SUPPLY IN0004

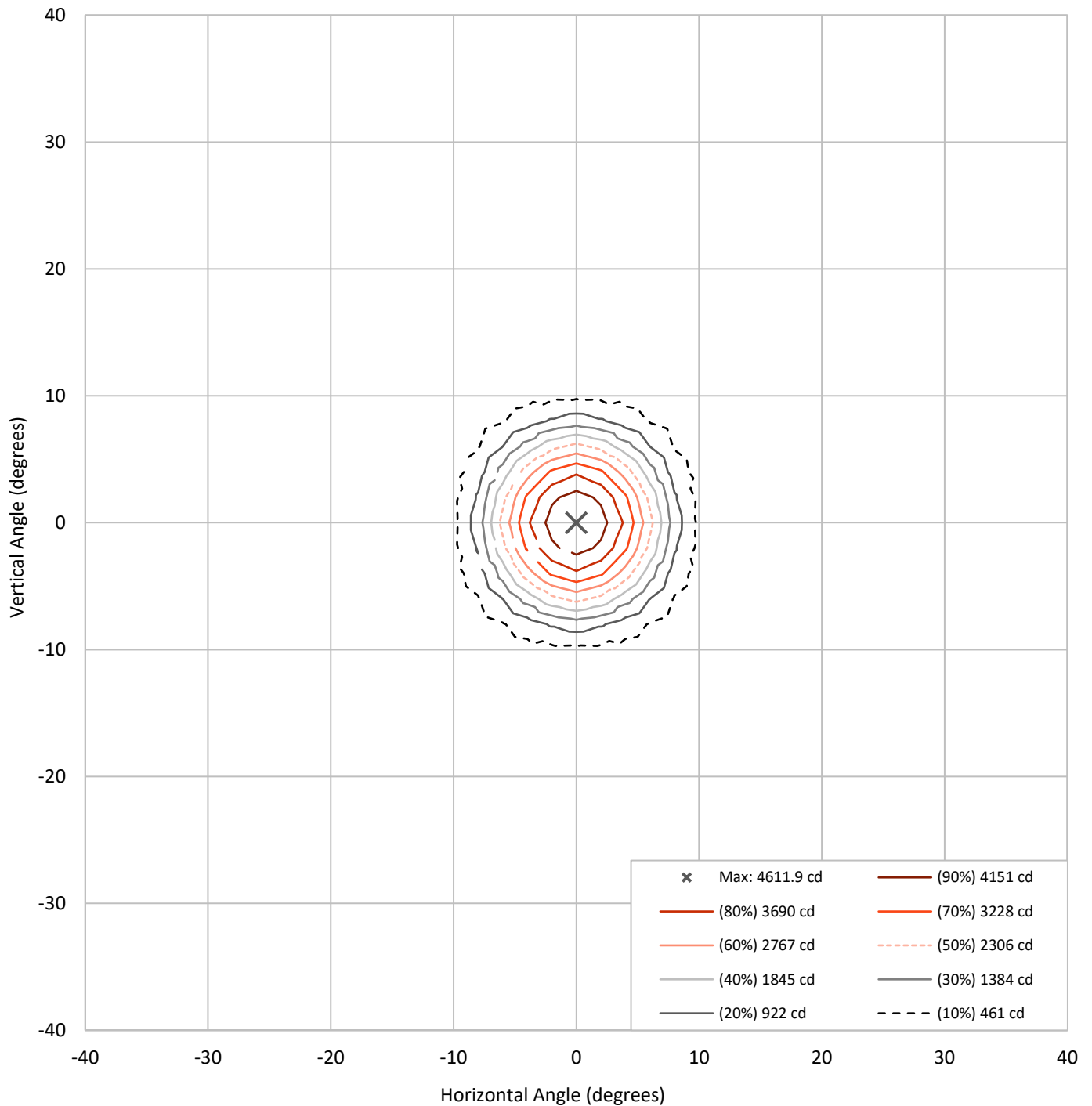
Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	269.1 lumens	Max Intensity:	4611.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	35.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	12.4°H x 12.4°V	Field Angle (10%):	19.5°H x 19.5°V
Beam Lumens:	107.4 lumens	Field Lumens:	188.9 lumens
Beam Efficiency:	39.9%	Field Efficiency:	70.2%
Input Watts (W):	7.5		
Input Voltage (V):	NR		
Input Current (Ain):	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		



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Iso-Candela Plot





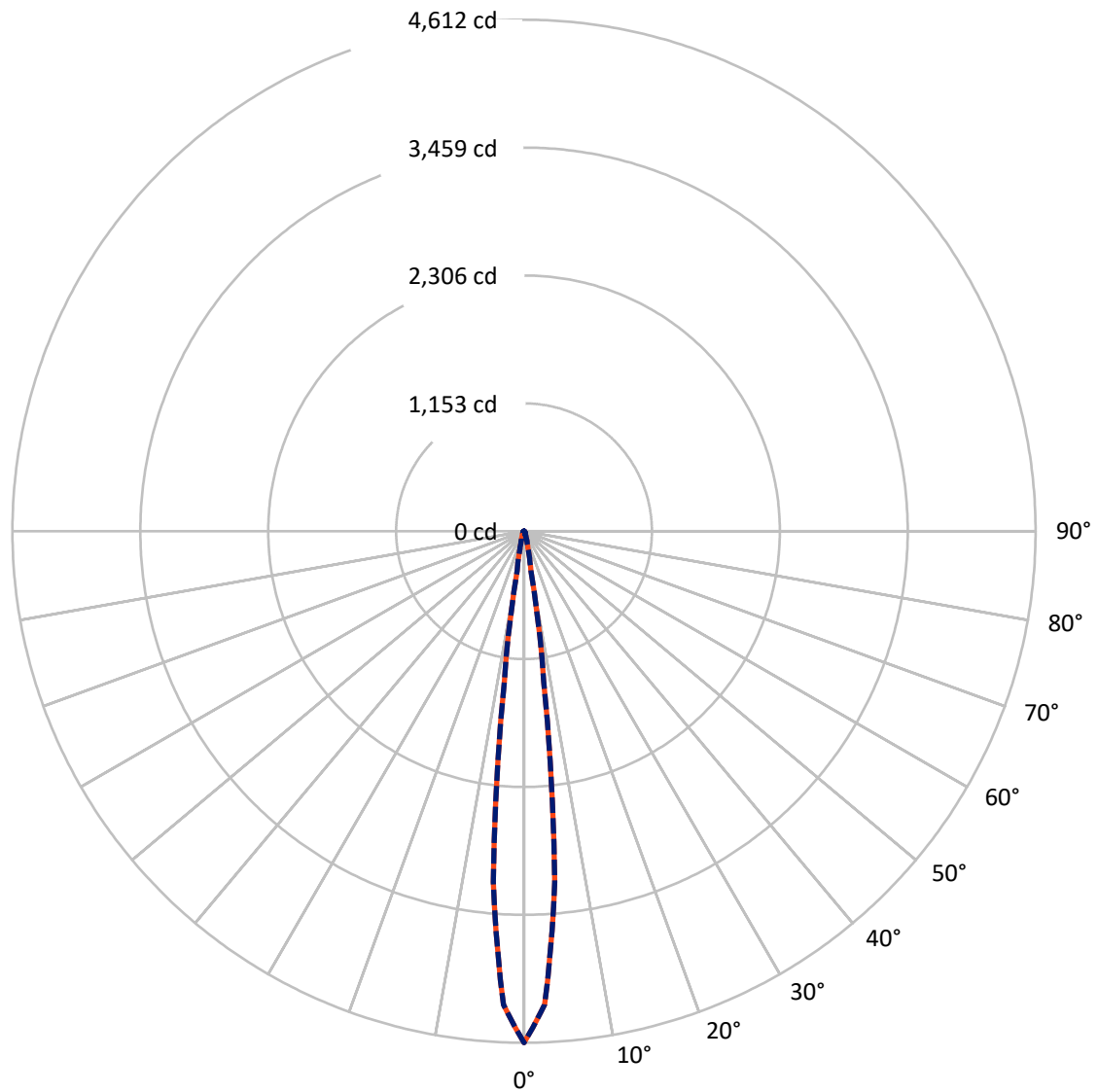
REPORT NUMBER: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

Lumen Table

90	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	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
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	
60		0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0		
50	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	
40		0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.1	0.0		
30	0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.9	0.9	0.7	0.5	0.4	0.2	0.1	0.0	
20		0.0	0.1	0.3	0.4	0.7	1.4	3.5	3.5	1.4	0.7	0.4	0.3	0.1		
10	0.0	0.0	0.1	0.3	0.5	0.9	3.4	48.9	48.9	3.4	0.9	0.5	0.3	0.1	0.0	
0		0.0	0.1	0.3	0.5	0.9	3.4	48.9	48.9	3.4	0.9	0.5	0.3	0.1		
-10	0.0	0.0	0.1	0.3	0.4	0.7	1.4	3.5	3.5	1.4	0.7	0.4	0.3	0.1	0.0	
-20		0.0	0.1	0.2	0.4	0.5	0.7	0.9	0.9	0.7	0.5	0.4	0.2	0.1		
-30	0.0	0.0	0.0	0.1	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.1	0.0	0.0	
-40		0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.1	0.0		
-50	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	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		
-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	
-80		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		
-90	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	

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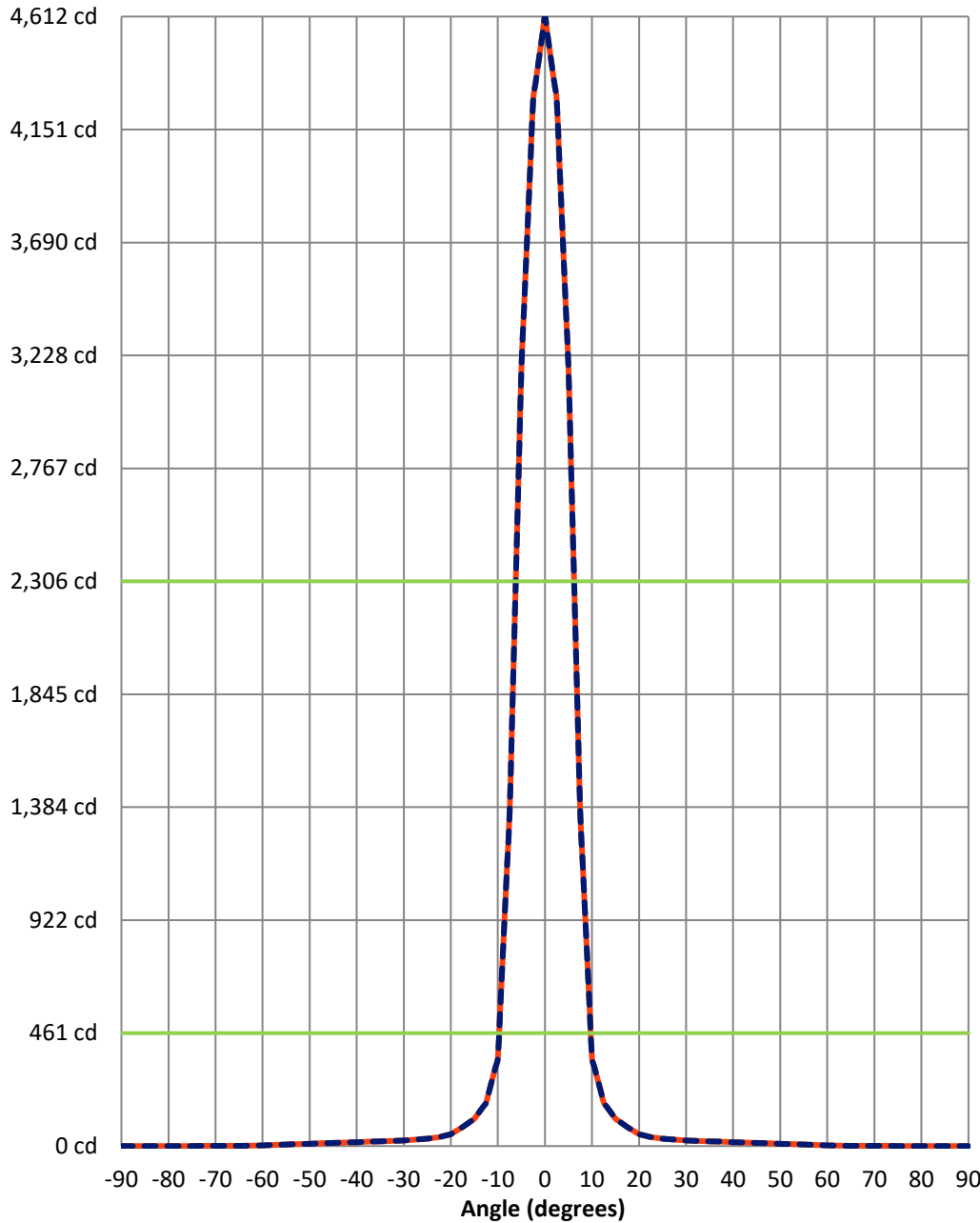
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 12.4°
V Angle: 12.4°
Lumens: 107.4
Efficiency: 39.9%

Field:
H Angle: 19.5°
V Angle: 19.5°
Lumens: 188.9
Efficiency: 70.2%

Spill:
Lumens: 80.2
Efficiency: 29.8%

— 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: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

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: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

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	2
52.5°	0	1	1	1	1	1	1	1	2	2	2
50°	1	1	1	1	1	1	1	2	2	3	3
47.5°	1	1	1	1	1	1	2	2	3	4	5
45°	1	1	1	1	1	2	2	3	4	5	6
42.5°	1	1	1	1	2	2	3	4	5	6	7
40°	1	1	1	1	2	3	4	5	6	7	8
37.5°	1	1	1	2	2	3	5	6	7	8	9
35°	1	1	1	2	3	4	5	7	8	9	10
32.5°	1	1	2	2	3	5	6	8	9	9	11
30°	1	1	2	3	4	6	7	8	9	11	12
27.5°	1	1	2	3	5	6	8	9	10	12	13
25°	1	2	2	4	5	7	8	9	11	12	14
22.5°	1	2	3	4	6	7	9	10	12	13	14
20°	1	2	3	5	6	8	9	11	12	14	15
17.5°	1	2	3	5	7	8	9	12	13	14	15
15°	1	2	4	5	7	9	10	12	13	15	16
12.5°	2	2	4	6	7	9	11	12	14	15	16
10°	2	3	4	6	8	9	11	12	14	15	17
7.5°	2	3	4	6	8	9	11	13	14	15	18
5°	2	3	4	6	8	9	12	13	14	15	18
2.5°	2	3	5	6	8	9	12	13	15	15	18
0°	2	3	5	6	8	9	12	13	15	16	18
-2.5°	2	3	5	6	8	9	12	13	15	15	18
-5°	2	3	4	6	8	9	12	13	14	15	18
-7.5°	2	3	4	6	8	9	11	13	14	15	18
-10°	2	3	4	6	8	9	11	12	14	15	17
-12.5°	2	2	4	6	7	9	11	12	14	15	16
-15°	1	2	4	5	7	9	10	12	13	15	16
-17.5°	1	2	3	5	7	8	9	12	13	14	15
-20°	1	2	3	5	6	8	9	11	12	14	15



REPORT NUMBER: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1	2	3	4	6	7	9	10	12	13	14
-25°	1	2	2	4	5	7	8	9	11	12	14
-27.5°	1	1	2	3	5	6	8	9	10	12	13
-30°	1	1	2	3	4	6	7	8	9	11	12
-32.5°	1	1	2	2	3	5	6	8	9	9	11
-35°	1	1	1	2	3	4	5	7	8	9	10
-37.5°	1	1	1	2	2	3	5	6	7	8	9
-40°	1	1	1	1	2	3	4	5	6	7	8
-42.5°	1	1	1	1	2	2	3	4	5	6	7
-45°	1	1	1	1	1	2	2	3	4	5	6
-47.5°	1	1	1	1	1	1	2	2	3	4	5
-50°	1	1	1	1	1	1	1	2	2	3	3
-52.5°	0	1	1	1	1	1	1	1	2	2	2
-55°	0	1	1	1	1	1	1	1	1	1	2
-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: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

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	2	2
60°	1	1	1	1	2	2	2	2	2	2	3
57.5°	1	2	2	2	2	3	3	3	4	4	4
55°	2	2	3	3	4	4	5	5	5	6	6
52.5°	3	3	4	5	5	6	6	7	7	7	8
50°	4	5	6	6	7	7	8	8	9	9	9
47.5°	5	6	7	8	8	9	9	9	10	11	11
45°	7	8	8	9	9	10	11	12	12	12	12
42.5°	8	9	9	10	11	12	12	13	13	14	14
40°	9	9	11	12	12	13	14	14	15	15	15
37.5°	10	11	12	13	14	14	15	15	16	16	17
35°	12	12	13	14	15	15	16	17	18	19	19
32.5°	12	13	14	15	15	17	18	19	19	20	20
30°	13	14	15	16	17	19	19	20	20	21	22
27.5°	14	15	16	18	19	19	20	21	22	23	24
25°	15	15	17	19	19	21	22	23	24	26	27
22.5°	15	17	19	19	21	22	23	25	27	29	31
20°	16	18	19	20	22	23	26	28	31	34	38
17.5°	17	19	20	21	23	25	28	31	35	42	48
15°	18	19	20	22	24	27	31	35	43	55	72
12.5°	19	20	21	23	26	29	34	42	55	76	98
10°	19	20	22	24	27	31	38	48	72	98	135
7.5°	19	20	22	25	29	34	42	60	88	123	179
5°	19	21	23	26	29	35	46	70	101	152	274
2.5°	19	21	23	26	30	36	48	76	109	171	337
0°	19	21	23	27	30	37	48	78	111	177	360
-2.5°	19	21	23	26	30	36	48	76	109	171	337
-5°	19	21	23	26	29	35	46	70	101	152	274
-7.5°	19	20	22	25	29	34	42	60	88	123	179
-10°	19	20	22	24	27	31	38	48	72	98	135
-12.5°	19	20	21	23	26	29	34	42	55	76	98
-15°	18	19	20	22	24	27	31	35	43	55	72
-17.5°	17	19	20	21	23	25	28	31	35	42	48
-20°	16	18	19	20	22	23	26	28	31	34	38



REPORT NUMBER: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	15	17	19	19	21	22	23	25	27	29	31
-25°	15	15	17	19	19	21	22	23	24	26	27
-27.5°	14	15	16	18	19	19	20	21	22	23	24
-30°	13	14	15	16	17	19	19	20	20	21	22
-32.5°	12	13	14	15	15	17	18	19	19	20	20
-35°	12	12	13	14	15	15	16	17	18	19	19
-37.5°	10	11	12	13	14	14	15	15	16	16	17
-40°	9	9	11	12	12	13	14	14	15	15	15
-42.5°	8	9	9	10	11	12	12	13	13	14	14
-45°	7	8	8	9	9	10	11	12	12	12	12
-47.5°	5	6	7	8	8	9	9	9	10	11	11
-50°	4	5	6	6	7	7	8	8	9	9	9
-52.5°	3	3	4	5	5	6	6	7	7	7	8
-55°	2	2	3	3	4	4	5	5	5	6	6
-57.5°	1	2	2	2	2	3	3	3	4	4	4
-60°	1	1	1	1	2	2	2	2	2	2	3
-62.5°	1	1	1	1	1	1	1	1	1	2	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°	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: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

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°	2	2	2	2	2	2	2	2	2	1	1
60°	3	3	3	3	3	3	3	3	2	2	2
57.5°	4	4	5	5	5	4	4	4	4	4	3
55°	6	6	6	6	6	6	6	6	6	5	5
52.5°	8	8	8	8	8	8	8	8	7	7	7
50°	9	9	9	9	9	9	9	9	9	9	8
47.5°	11	12	12	12	12	12	11	11	11	10	9
45°	13	13	13	13	13	13	13	12	12	12	12
42.5°	14	14	15	15	15	14	14	14	14	13	13
40°	15	15	15	16	15	15	15	15	15	15	14
37.5°	18	18	18	18	18	18	18	17	16	16	15
35°	19	19	19	19	19	19	19	19	19	18	17
32.5°	20	21	21	21	21	21	20	20	20	19	19
30°	22	23	23	23	23	23	22	22	21	20	20
27.5°	25	26	26	27	26	26	25	24	23	22	21
25°	29	29	30	30	30	29	29	27	26	24	23
22.5°	34	35	36	37	36	35	34	31	29	27	25
20°	42	46	48	48	48	46	42	38	34	31	28
17.5°	60	70	76	78	76	70	60	48	42	35	31
15°	88	101	109	111	109	101	88	72	55	43	35
12.5°	123	152	171	177	171	152	123	98	76	55	42
10°	179	274	337	360	337	274	179	135	98	72	48
7.5°	317	582	1086	1363	1086	582	317	179	123	88	60
5°	582	1660	2772	3177	2772	1660	582	274	152	101	70
2.5°	1086	2772	3923	4272	3923	2772	1086	337	171	109	76
0°	1363	3177	4272	4612	4272	3177	1363	360	177	111	78
-2.5°	1086	2772	3923	4272	3923	2772	1086	337	171	109	76
-5°	582	1660	2772	3177	2772	1660	582	274	152	101	70
-7.5°	317	582	1086	1363	1086	582	317	179	123	88	60
-10°	179	274	337	360	337	274	179	135	98	72	48
-12.5°	123	152	171	177	171	152	123	98	76	55	42
-15°	88	101	109	111	109	101	88	72	55	43	35
-17.5°	60	70	76	78	76	70	60	48	42	35	31
-20°	42	46	48	48	48	46	42	38	34	31	28



REPORT NUMBER: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	34	35	36	37	36	35	34	31	29	27	25
-25°	29	29	30	30	30	29	29	27	26	24	23
-27.5°	25	26	26	27	26	26	25	24	23	22	21
-30°	22	23	23	23	23	23	22	22	21	20	20
-32.5°	20	21	21	21	21	21	20	20	20	19	19
-35°	19	19	19	19	19	19	19	19	19	18	17
-37.5°	18	18	18	18	18	18	18	17	16	16	15
-40°	15	15	15	16	15	15	15	15	15	15	14
-42.5°	14	14	15	15	15	14	14	14	14	13	13
-45°	13	13	13	13	13	13	13	12	12	12	12
-47.5°	11	12	12	12	12	12	11	11	11	10	9
-50°	9	9	9	9	9	9	9	9	9	9	8
-52.5°	8	8	8	8	8	8	8	8	7	7	7
-55°	6	6	6	6	6	6	6	6	6	5	5
-57.5°	4	4	5	5	5	4	4	4	4	4	3
-60°	3	3	3	3	3	3	3	3	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	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: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

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°	2	2	2	1	1	1	1	1	1	1	1
57.5°	3	3	2	2	2	2	1	1	1	1	1
55°	5	4	4	3	3	2	2	2	1	1	1
52.5°	6	6	5	5	4	3	3	2	2	2	1
50°	8	7	7	6	6	5	4	3	3	2	2
47.5°	9	9	8	8	7	6	5	5	4	3	2
45°	11	10	9	9	8	8	7	6	5	4	3
42.5°	12	12	11	10	9	9	8	7	6	5	4
40°	14	13	12	12	11	9	9	8	7	6	5
37.5°	15	14	14	13	12	11	10	9	8	7	6
35°	16	15	15	14	13	12	12	10	9	8	7
32.5°	18	17	15	15	14	13	12	11	9	9	8
30°	19	19	17	16	15	14	13	12	11	9	8
27.5°	20	19	19	18	16	15	14	13	12	10	9
25°	22	21	19	19	17	15	15	14	12	11	9
22.5°	23	22	21	19	19	17	15	14	13	12	10
20°	26	23	22	20	19	18	16	15	14	12	11
17.5°	28	25	23	21	20	19	17	15	14	13	12
15°	31	27	24	22	20	19	18	16	15	13	12
12.5°	34	29	26	23	21	20	19	16	15	14	12
10°	38	31	27	24	22	20	19	17	15	14	12
7.5°	42	34	29	25	22	20	19	18	15	14	13
5°	46	35	29	26	23	21	19	18	15	14	13
2.5°	48	36	30	26	23	21	19	18	15	15	13
0°	48	37	30	27	23	21	19	18	16	15	13
-2.5°	48	36	30	26	23	21	19	18	15	15	13
-5°	46	35	29	26	23	21	19	18	15	14	13
-7.5°	42	34	29	25	22	20	19	18	15	14	13
-10°	38	31	27	24	22	20	19	17	15	14	12
-12.5°	34	29	26	23	21	20	19	16	15	14	12
-15°	31	27	24	22	20	19	18	16	15	13	12
-17.5°	28	25	23	21	20	19	17	15	14	13	12
-20°	26	23	22	20	19	18	16	15	14	12	11



REPORT NUMBER: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	23	22	21	19	19	17	15	14	13	12	10
-25°	22	21	19	19	17	15	15	14	12	11	9
-27.5°	20	19	19	18	16	15	14	13	12	10	9
-30°	19	19	17	16	15	14	13	12	11	9	8
-32.5°	18	17	15	15	14	13	12	11	9	9	8
-35°	16	15	15	14	13	12	12	10	9	8	7
-37.5°	15	14	14	13	12	11	10	9	8	7	6
-40°	14	13	12	12	11	9	9	8	7	6	5
-42.5°	12	12	11	10	9	9	8	7	6	5	4
-45°	11	10	9	9	8	8	7	6	5	4	3
-47.5°	9	9	8	8	7	6	5	5	4	3	2
-50°	8	7	7	6	6	5	4	3	3	2	2
-52.5°	6	6	5	5	4	3	3	2	2	2	1
-55°	5	4	4	3	3	2	2	2	1	1	1
-57.5°	3	3	2	2	2	2	1	1	1	1	1
-60°	2	2	2	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: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

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°	2	1	1	1	1	1	1	1	0	0	0
45°	2	2	1	1	1	1	1	1	0	0	0
42.5°	3	2	2	1	1	1	1	1	0	0	0
40°	4	3	2	1	1	1	1	1	1	0	0
37.5°	5	3	2	2	1	1	1	1	1	0	0
35°	5	4	3	2	1	1	1	1	1	0	0
32.5°	6	5	3	2	2	1	1	1	1	1	0
30°	7	6	4	3	2	1	1	1	1	1	0
27.5°	8	6	5	3	2	1	1	1	1	1	0
25°	8	7	5	4	2	2	1	1	1	1	0
22.5°	9	7	6	4	3	2	1	1	1	1	0
20°	9	8	6	5	3	2	1	1	1	1	1
17.5°	9	8	7	5	3	2	1	1	1	1	1
15°	10	9	7	5	4	2	1	1	1	1	1
12.5°	11	9	7	6	4	2	2	1	1	1	1
10°	11	9	8	6	4	3	2	1	1	1	1
7.5°	11	9	8	6	4	3	2	1	1	1	1
5°	12	9	8	6	4	3	2	1	1	1	1
2.5°	12	9	8	6	5	3	2	1	1	1	1
0°	12	9	8	6	5	3	2	1	1	1	1
-2.5°	12	9	8	6	5	3	2	1	1	1	1
-5°	12	9	8	6	4	3	2	1	1	1	1
-7.5°	11	9	8	6	4	3	2	1	1	1	1
-10°	11	9	8	6	4	3	2	1	1	1	1
-12.5°	11	9	7	6	4	2	2	1	1	1	1
-15°	10	9	7	5	4	2	1	1	1	1	1
-17.5°	9	8	7	5	3	2	1	1	1	1	1
-20°	9	8	6	5	3	2	1	1	1	1	1



REPORT NUMBER: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	9	7	6	4	3	2	1	1	1	1	0
-25°	8	7	5	4	2	2	1	1	1	1	0
-27.5°	8	6	5	3	2	1	1	1	1	1	0
-30°	7	6	4	3	2	1	1	1	1	1	0
-32.5°	6	5	3	2	2	1	1	1	1	1	0
-35°	5	4	3	2	1	1	1	1	1	0	0
-37.5°	5	3	2	2	1	1	1	1	1	0	0
-40°	4	3	2	1	1	1	1	1	1	0	0
-42.5°	3	2	2	1	1	1	1	1	0	0	0
-45°	2	2	1	1	1	1	1	1	0	0	0
-47.5°	2	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: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

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: Pxxxxxx (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2710-12-CS

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)