

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: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED2736-12-CS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-9)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 203-8LED2736-12-CS
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 36 DEGREE WIDE OPTIC,
REGRESSED HOOD SILVER
Light Source: (1) SORAA 2700K 90 CRI LED
SM16-07-36D-927-03
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

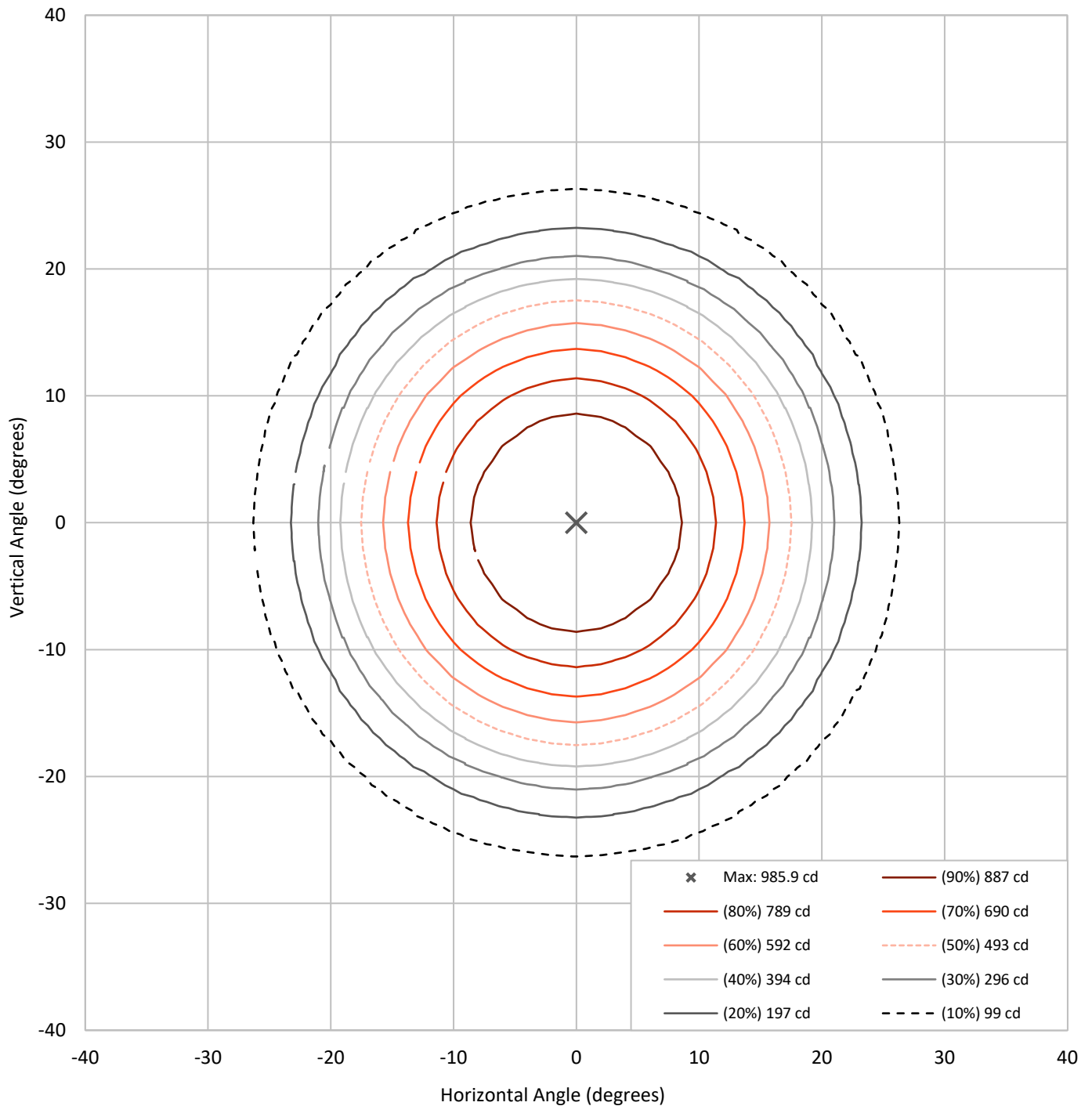
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	339 lumens	Max Intensity:	985.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	44.6 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	35.1°H x 35.1°V	Field Angle (10%):	52.5°H x 52.5°V
Beam Lumens:	218.7 lumens	Field Lumens:	306.6 lumens
Beam Efficiency:	64.5%	Field Efficiency:	90.4%
Input Watts (W):	7.6		
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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CATALOG NUMBER: 203-8LED2736-12-CS

Iso-Candela Plot



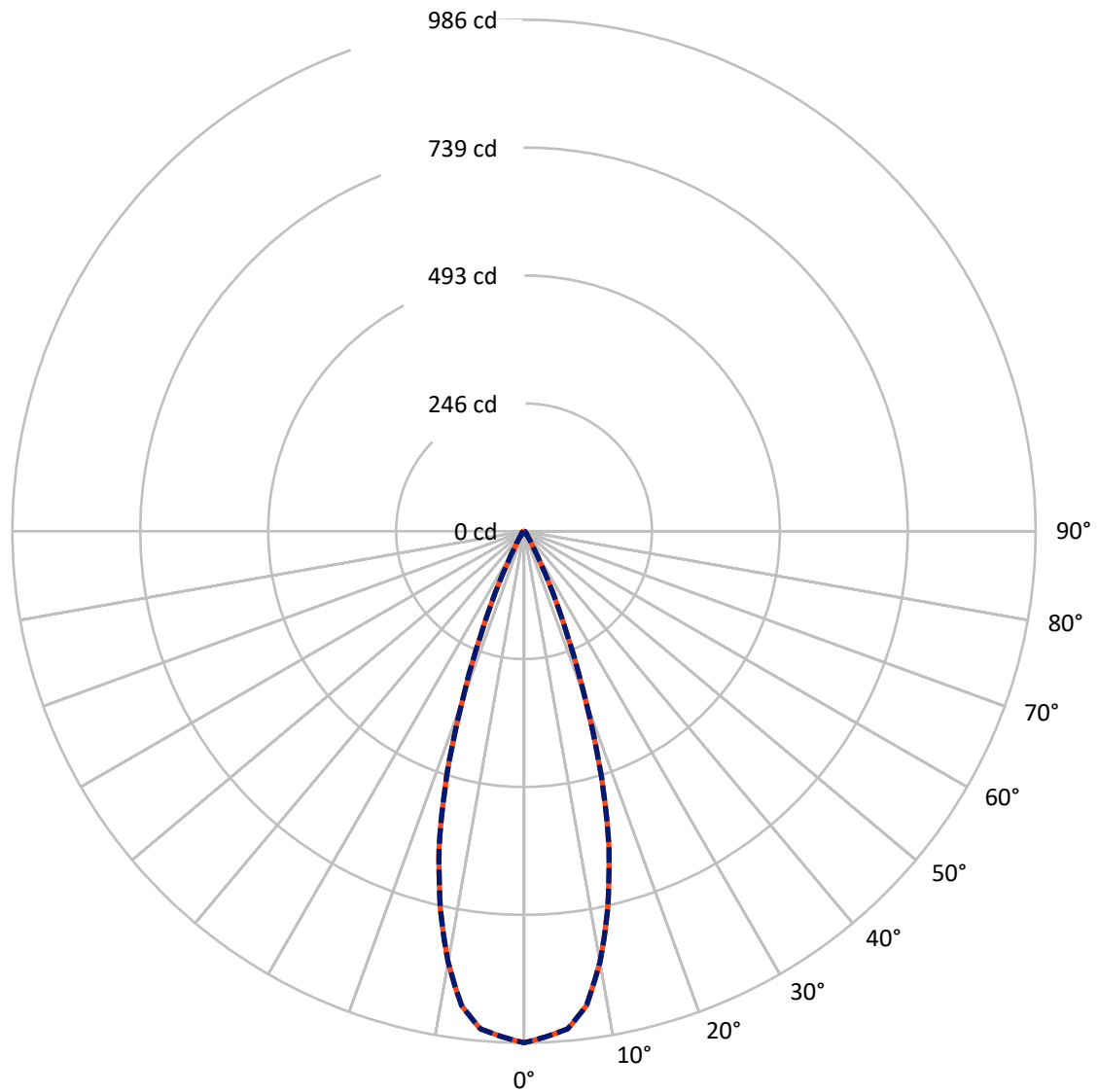
REPORT NUMBER: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS

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	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	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	0.0
60		0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
50	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1	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		
30	0.0	0.0	0.0	0.1	0.2	0.5	1.8	4.0	4.0	1.8	0.5	0.2	0.1	0.0	0.0	0.0	
20		0.0	0.1	0.1	0.3	1.7	8.8	17.1	17.1	8.8	1.7	0.3	0.1	0.1	0.0		
10	0.0	0.0	0.1	0.1	0.4	3.7	16.6	27.1	27.1	16.6	3.7	0.4	0.1	0.1	0.0	0.0	
0		0.0	0.1	0.1	0.4	3.7	16.6	27.1	27.1	16.6	3.7	0.4	0.1	0.1	0.0		
-10	0.0	0.0	0.1	0.1	0.3	1.7	8.8	17.1	17.1	8.8	1.7	0.3	0.1	0.1	0.0	0.0	
-20		0.0	0.0	0.1	0.2	0.5	1.8	4.0	4.0	1.8	0.5	0.2	0.1	0.0	0.0		
-30	0.0	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	
-40		0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
-60		0.0	0.0	0.0	0.0	0.0	0.0	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	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		
-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	

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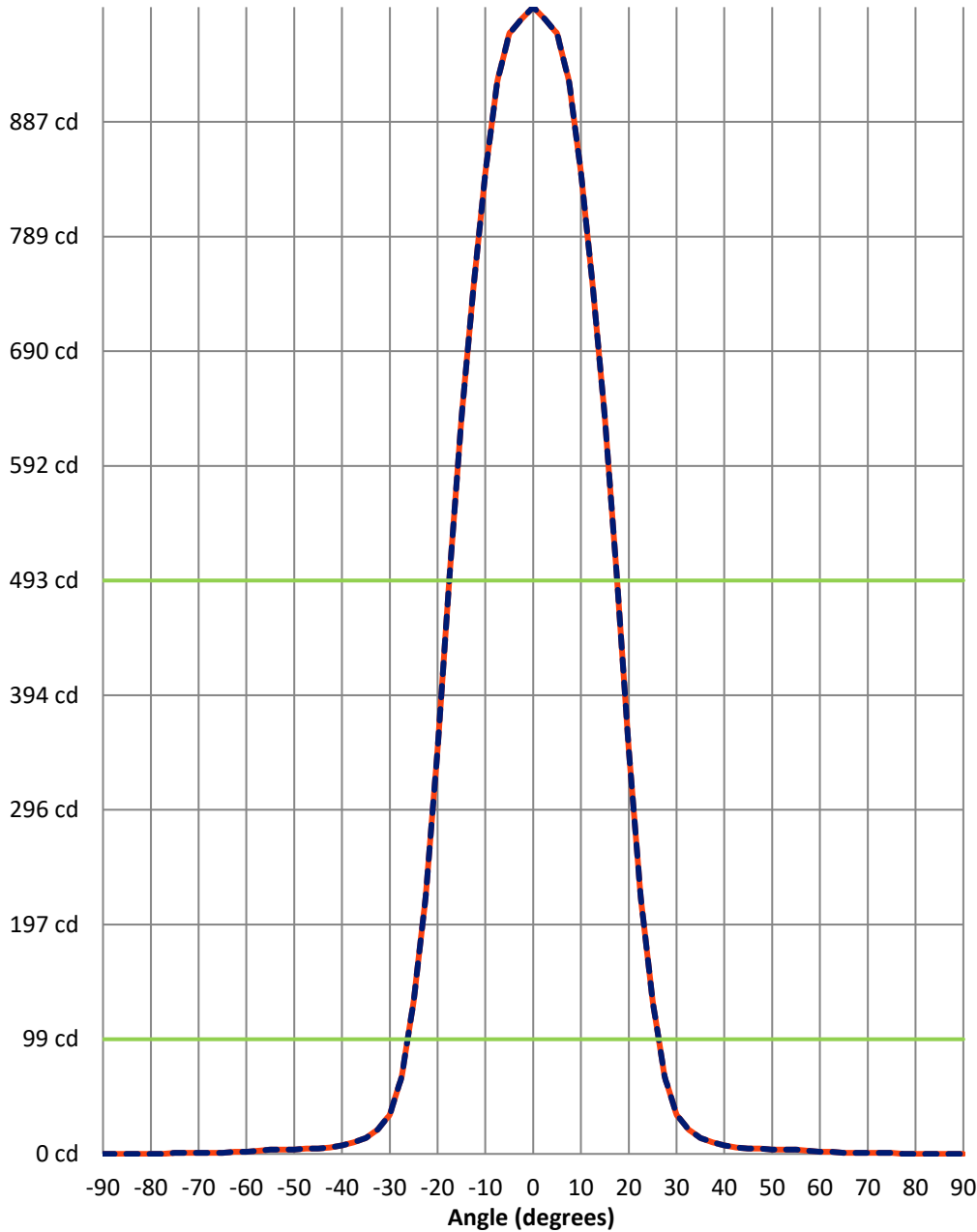
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 35.1°
 V Angle: 35.1°
 Lumens: 218.7
 Efficiency: 64.5%

Field:
 H Angle: 52.5°
 V Angle: 52.5°
 Lumens: 306.6
 Efficiency: 90.4%

Spill:
 Lumens: 32.4
 Efficiency: 9.6%

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



REPORT NUMBER: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-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	1	1	1	1
-25°	0	0	0	0	0	0	0	1	1	1	1
-27.5°	0	0	0	0	0	0	0	1	1	1	1
-30°	0	0	0	0	0	0	0	1	1	1	1
-32.5°	0	0	0	0	0	0	0	1	1	1	1
-35°	0	0	0	0	0	0	0	1	1	1	1
-37.5°	0	0	0	0	0	0	0	0	1	1	1
-40°	0	0	0	0	0	0	0	0	1	1	1
-42.5°	0	0	0	0	0	0	0	0	1	1	1
-45°	0	0	0	0	0	0	0	0	1	1	1
-47.5°	0	0	0	0	0	0	0	0	0	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	1
-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: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-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	1	1	1	1
67.5°	0	0	0	0	0	1	1	1	1	1	1
65°	0	0	0	1	1	1	1	1	1	1	1
62.5°	0	0	1	1	1	1	1	1	1	1	1
60°	0	1	1	1	1	1	1	1	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	2
52.5°	1	1	1	1	1	1	1	1	2	2	2
50°	1	1	1	1	1	1	1	2	2	2	2
47.5°	1	1	1	1	1	1	2	2	2	2	3
45°	1	1	1	1	1	2	2	2	2	3	3
42.5°	1	1	1	1	2	2	2	2	3	3	4
40°	1	1	1	1	2	2	2	3	3	4	4
37.5°	1	1	1	2	2	2	3	3	4	4	4
35°	1	1	1	2	2	2	3	4	4	4	4
32.5°	1	1	2	2	2	3	4	4	4	4	4
30°	1	1	2	2	2	3	4	4	4	4	5
27.5°	1	1	2	2	3	4	4	4	4	5	5
25°	1	2	2	2	3	4	4	4	4	5	5
22.5°	1	2	2	3	3	4	4	4	5	5	5
20°	1	2	2	3	4	4	4	4	5	5	6
17.5°	1	2	2	3	4	4	4	5	5	5	7
15°	1	2	2	3	4	4	4	5	5	6	7
12.5°	2	2	2	3	4	4	4	5	5	6	8
10°	2	2	3	3	4	4	4	5	5	7	9
7.5°	2	2	3	4	4	4	4	5	5	7	9
5°	2	2	3	4	4	4	5	5	5	7	10
2.5°	2	2	3	4	4	4	5	5	5	7	10
0°	2	2	3	4	4	4	5	5	6	7	10
-2.5°	2	2	3	4	4	4	5	5	5	7	10
-5°	2	2	3	4	4	4	5	5	5	7	10
-7.5°	2	2	3	4	4	4	4	5	5	7	9
-10°	2	2	3	3	4	4	4	5	5	7	9
-12.5°	2	2	2	3	4	4	4	5	5	6	8
-15°	1	2	2	3	4	4	4	5	5	6	7
-17.5°	1	2	2	3	4	4	4	5	5	5	7
-20°	1	2	2	3	4	4	4	4	5	5	6



REPORT NUMBER: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-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	2	3	3	4	4	4	5	5	5
-25°	1	2	2	2	3	4	4	4	4	5	5
-27.5°	1	1	2	2	3	4	4	4	4	5	5
-30°	1	1	2	2	2	3	4	4	4	4	5
-32.5°	1	1	2	2	2	3	4	4	4	4	4
-35°	1	1	1	2	2	2	3	4	4	4	4
-37.5°	1	1	1	2	2	2	3	3	4	4	4
-40°	1	1	1	1	2	2	2	3	3	4	4
-42.5°	1	1	1	1	2	2	2	2	3	3	4
-45°	1	1	1	1	1	2	2	2	2	3	3
-47.5°	1	1	1	1	1	1	2	2	2	2	3
-50°	1	1	1	1	1	1	1	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	2	2	2
-55°	1	1	1	1	1	1	1	1	1	1	2
-57.5°	1	1	1	1	1	1	1	1	1	1	1
-60°	0	1	1	1	1	1	1	1	1	1	1
-62.5°	0	0	1	1	1	1	1	1	1	1	1
-65°	0	0	0	1	1	1	1	1	1	1	1
-67.5°	0	0	0	0	0	1	1	1	1	1	1
-70°	0	0	0	0	0	0	0	1	1	1	1
-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: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-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	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	2	2
60°	1	1	1	1	2	2	2	2	2	2	2
57.5°	1	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	4	4	4	4	4
50°	2	3	3	4	4	4	4	4	4	4	4
47.5°	3	4	4	4	4	4	4	4	4	4	4
45°	4	4	4	4	4	4	4	5	5	5	5
42.5°	4	4	4	4	4	5	5	5	5	5	5
40°	4	4	4	5	5	5	5	5	6	6	7
37.5°	4	4	5	5	5	5	6	7	7	8	9
35°	4	5	5	5	6	7	8	9	10	11	12
32.5°	5	5	5	6	7	9	10	12	13	15	17
30°	5	5	6	8	9	11	13	16	19	22	26
27.5°	5	6	8	9	11	14	18	22	28	34	43
25°	6	7	9	11	14	19	26	33	45	62	80
22.5°	7	9	11	14	19	27	36	54	80	113	147
20°	8	10	13	18	26	36	58	92	137	183	231
17.5°	9	12	16	22	33	54	92	146	204	273	343
15°	10	13	19	28	45	80	137	204	288	381	469
12.5°	11	15	22	34	62	113	183	273	381	490	585
10°	12	17	26	43	80	147	231	343	469	585	673
7.5°	13	19	30	52	99	176	277	407	542	653	745
5°	13	20	32	59	117	198	315	456	593	703	799
2.5°	14	21	33	65	128	215	339	486	622	734	832
0°	14	21	34	67	132	221	348	497	633	744	844
-2.5°	14	21	33	65	128	215	339	486	622	734	832
-5°	13	20	32	59	117	198	315	456	593	703	799
-7.5°	13	19	30	52	99	176	277	407	542	653	745
-10°	12	17	26	43	80	147	231	343	469	585	673
-12.5°	11	15	22	34	62	113	183	273	381	490	585
-15°	10	13	19	28	45	80	137	204	288	381	469
-17.5°	9	12	16	22	33	54	92	146	204	273	343
-20°	8	10	13	18	26	36	58	92	137	183	231



REPORT NUMBER: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7	9	11	14	19	27	36	54	80	113	147
-25°	6	7	9	11	14	19	26	33	45	62	80
-27.5°	5	6	8	9	11	14	18	22	28	34	43
-30°	5	5	6	8	9	11	13	16	19	22	26
-32.5°	5	5	5	6	7	9	10	12	13	15	17
-35°	4	5	5	5	6	7	8	9	10	11	12
-37.5°	4	4	5	5	5	5	6	7	7	8	9
-40°	4	4	4	5	5	5	5	5	6	6	7
-42.5°	4	4	4	4	4	5	5	5	5	5	5
-45°	4	4	4	4	4	4	4	5	5	5	5
-47.5°	3	4	4	4	4	4	4	4	4	4	4
-50°	2	3	3	4	4	4	4	4	4	4	4
-52.5°	2	2	2	3	3	3	4	4	4	4	4
-55°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	1	2	2	2	2	2	2	2	2	2	3
-60°	1	1	1	1	2	2	2	2	2	2	2
-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°	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	1	1	1	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: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-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°	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°	2	2	2	2	2	2	2	2	2	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°	4	4	4	4	4	4	4	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
47.5°	4	5	5	5	5	5	4	4	4	4	4
45°	5	5	5	5	5	5	5	5	5	5	5
42.5°	5	5	5	6	5	5	5	5	5	5	5
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°	13	13	14	14	14	13	13	12	11	10	9
32.5°	19	20	21	21	21	20	19	17	15	13	12
30°	30	32	33	34	33	32	30	26	22	19	16
27.5°	52	59	65	67	65	59	52	43	34	28	22
25°	99	117	128	132	128	117	99	80	62	45	33
22.5°	176	198	215	221	215	198	176	147	113	80	54
20°	277	315	339	348	339	315	277	231	183	137	92
17.5°	407	456	486	497	486	456	407	343	273	204	146
15°	542	593	622	633	622	593	542	469	381	288	204
12.5°	653	703	734	744	734	703	653	585	490	381	273
10°	745	799	832	844	832	799	745	673	585	469	343
7.5°	821	879	912	922	912	879	821	745	653	542	407
5°	879	933	957	963	957	933	879	799	703	593	456
2.5°	912	957	972	975	972	957	912	832	734	622	486
0°	922	963	975	986	975	963	922	844	744	633	497
-2.5°	912	957	972	975	972	957	912	832	734	622	486
-5°	879	933	957	963	957	933	879	799	703	593	456
-7.5°	821	879	912	922	912	879	821	745	653	542	407
-10°	745	799	832	844	832	799	745	673	585	469	343
-12.5°	653	703	734	744	734	703	653	585	490	381	273
-15°	542	593	622	633	622	593	542	469	381	288	204
-17.5°	407	456	486	497	486	456	407	343	273	204	146
-20°	277	315	339	348	339	315	277	231	183	137	92



REPORT NUMBER: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	176	198	215	221	215	198	176	147	113	80	54
-25°	99	117	128	132	128	117	99	80	62	45	33
-27.5°	52	59	65	67	65	59	52	43	34	28	22
-30°	30	32	33	34	33	32	30	26	22	19	16
-32.5°	19	20	21	21	21	20	19	17	15	13	12
-35°	13	13	14	14	14	13	13	12	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	5
-45°	5	5	5	5	5	5	5	5	5	5	5
-47.5°	4	5	5	5	5	5	4	4	4	4	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-55°	4	4	4	4	4	4	4	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°	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°	1	1	1	1	1	1	1	1	1	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: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-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°	1	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	1	1	1	1	1	0	0	0	0
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	1	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	2	1	1	1	1	1
55°	3	3	2	2	2	2	2	2	1	1	1
52.5°	4	3	3	3	2	2	2	2	2	2	1
50°	4	4	4	4	3	3	2	2	2	2	2
47.5°	4	4	4	4	4	4	3	3	2	2	2
45°	4	4	4	4	4	4	4	3	3	2	2
42.5°	5	5	4	4	4	4	4	4	3	3	2
40°	5	5	5	5	4	4	4	4	4	3	3
37.5°	6	5	5	5	5	4	4	4	4	4	3
35°	8	7	6	5	5	5	4	4	4	4	4
32.5°	10	9	7	6	5	5	5	4	4	4	4
30°	13	11	9	8	6	5	5	5	4	4	4
27.5°	18	14	11	9	8	6	5	5	5	4	4
25°	26	19	14	11	9	7	6	5	5	4	4
22.5°	36	27	19	14	11	9	7	5	5	5	4
20°	58	36	26	18	13	10	8	6	5	5	4
17.5°	92	54	33	22	16	12	9	7	5	5	5
15°	137	80	45	28	19	13	10	7	6	5	5
12.5°	183	113	62	34	22	15	11	8	6	5	5
10°	231	147	80	43	26	17	12	9	7	5	5
7.5°	277	176	99	52	30	19	13	9	7	5	5
5°	315	198	117	59	32	20	13	10	7	5	5
2.5°	339	215	128	65	33	21	14	10	7	5	5
0°	348	221	132	67	34	21	14	10	7	6	5
-2.5°	339	215	128	65	33	21	14	10	7	5	5
-5°	315	198	117	59	32	20	13	10	7	5	5
-7.5°	277	176	99	52	30	19	13	9	7	5	5
-10°	231	147	80	43	26	17	12	9	7	5	5
-12.5°	183	113	62	34	22	15	11	8	6	5	5
-15°	137	80	45	28	19	13	10	7	6	5	5
-17.5°	92	54	33	22	16	12	9	7	5	5	5
-20°	58	36	26	18	13	10	8	6	5	5	4



REPORT NUMBER: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	36	27	19	14	11	9	7	5	5	5	4
-25°	26	19	14	11	9	7	6	5	5	4	4
-27.5°	18	14	11	9	8	6	5	5	5	4	4
-30°	13	11	9	8	6	5	5	5	4	4	4
-32.5°	10	9	7	6	5	5	5	4	4	4	4
-35°	8	7	6	5	5	5	4	4	4	4	4
-37.5°	6	5	5	5	5	4	4	4	4	4	3
-40°	5	5	5	5	4	4	4	4	4	3	3
-42.5°	5	5	4	4	4	4	4	4	3	3	2
-45°	4	4	4	4	4	4	4	3	3	2	2
-47.5°	4	4	4	4	4	4	3	3	2	2	2
-50°	4	4	4	4	3	3	2	2	2	2	2
-52.5°	4	3	3	3	2	2	2	2	2	2	1
-55°	3	3	2	2	2	2	2	2	1	1	1
-57.5°	2	2	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	1	1
-70°	1	1	1	1	1	1	1	1	1	1	1
-72.5°	1	1	1	1	1	1	1	0	0	0	0
-75°	1	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: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-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°	1	1	0	0	0	0	0	0	0	0	0
65°	1	1	1	1	0	0	0	0	0	0	0
62.5°	1	1	1	1	1	0	0	0	0	0	0
60°	1	1	1	1	1	1	0	0	0	0	0
57.5°	1	1	1	1	1	1	1	0	0	0	0
55°	1	1	1	1	1	1	1	1	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°	2	1	1	1	1	1	1	1	1	0	0
45°	2	2	1	1	1	1	1	1	1	1	0
42.5°	2	2	2	1	1	1	1	1	1	1	0
40°	2	2	2	1	1	1	1	1	1	1	0
37.5°	3	2	2	2	1	1	1	1	1	1	0
35°	3	2	2	2	1	1	1	1	1	1	1
32.5°	4	3	2	2	2	1	1	1	1	1	1
30°	4	3	2	2	2	1	1	1	1	1	1
27.5°	4	4	3	2	2	1	1	1	1	1	1
25°	4	4	3	2	2	2	1	1	1	1	1
22.5°	4	4	3	3	2	2	1	1	1	1	1
20°	4	4	4	3	2	2	1	1	1	1	1
17.5°	4	4	4	3	2	2	1	1	1	1	1
15°	4	4	4	3	2	2	1	1	1	1	1
12.5°	4	4	4	3	2	2	2	1	1	1	1
10°	4	4	4	3	3	2	2	1	1	1	1
7.5°	4	4	4	4	3	2	2	1	1	1	1
5°	5	4	4	4	3	2	2	1	1	1	1
2.5°	5	4	4	4	3	2	2	1	1	1	1
0°	5	4	4	4	3	2	2	1	1	1	1
-2.5°	5	4	4	4	3	2	2	1	1	1	1
-5°	5	4	4	4	3	2	2	1	1	1	1
-7.5°	4	4	4	4	3	2	2	1	1	1	1
-10°	4	4	4	3	3	2	2	1	1	1	1
-12.5°	4	4	4	3	2	2	2	1	1	1	1
-15°	4	4	4	3	2	2	1	1	1	1	1
-17.5°	4	4	4	3	2	2	1	1	1	1	1
-20°	4	4	4	3	2	2	1	1	1	1	1



REPORT NUMBER: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS

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	2	2	1	1	1	1	1
-25°	4	4	3	2	2	2	1	1	1	1	1
-27.5°	4	4	3	2	2	1	1	1	1	1	1
-30°	4	3	2	2	2	1	1	1	1	1	1
-32.5°	4	3	2	2	2	1	1	1	1	1	1
-35°	3	2	2	2	1	1	1	1	1	1	1
-37.5°	3	2	2	2	1	1	1	1	1	1	0
-40°	2	2	2	1	1	1	1	1	1	1	0
-42.5°	2	2	2	1	1	1	1	1	1	1	0
-45°	2	2	1	1	1	1	1	1	1	1	0
-47.5°	2	1	1	1	1	1	1	1	1	0	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	1	1	0	0	0
-57.5°	1	1	1	1	1	1	1	0	0	0	0
-60°	1	1	1	1	1	1	0	0	0	0	0
-62.5°	1	1	1	1	1	0	0	0	0	0	0
-65°	1	1	1	1	0	0	0	0	0	0	0
-67.5°	1	1	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: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-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°	1	0	0	0	0	0	0
17.5°	1	0	0	0	0	0	0
15°	1	0	0	0	0	0	0
12.5°	1	0	0	0	0	0	0
10°	1	0	0	0	0	0	0
7.5°	1	0	0	0	0	0	0
5°	1	0	0	0	0	0	0
2.5°	1	0	0	0	0	0	0
0°	1	0	0	0	0	0	0
-2.5°	1	0	0	0	0	0	0
-5°	1	0	0	0	0	0	0
-7.5°	1	0	0	0	0	0	0
-10°	1	0	0	0	0	0	0
-12.5°	1	0	0	0	0	0	0
-15°	1	0	0	0	0	0	0
-17.5°	1	0	0	0	0	0	0
-20°	1	0	0	0	0	0	0



REPORT NUMBER: P247031 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 203-8LED2736-12-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)