

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: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-46)
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-LVR
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 36 DEGREE WIDE OPTIC,
REGRESSED HOOD SILVER, HEX CELL LOUVER
Light Source: (1) SORAA 2700K 90 CRI LED
SM16-07-36D-927-03
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

Summary

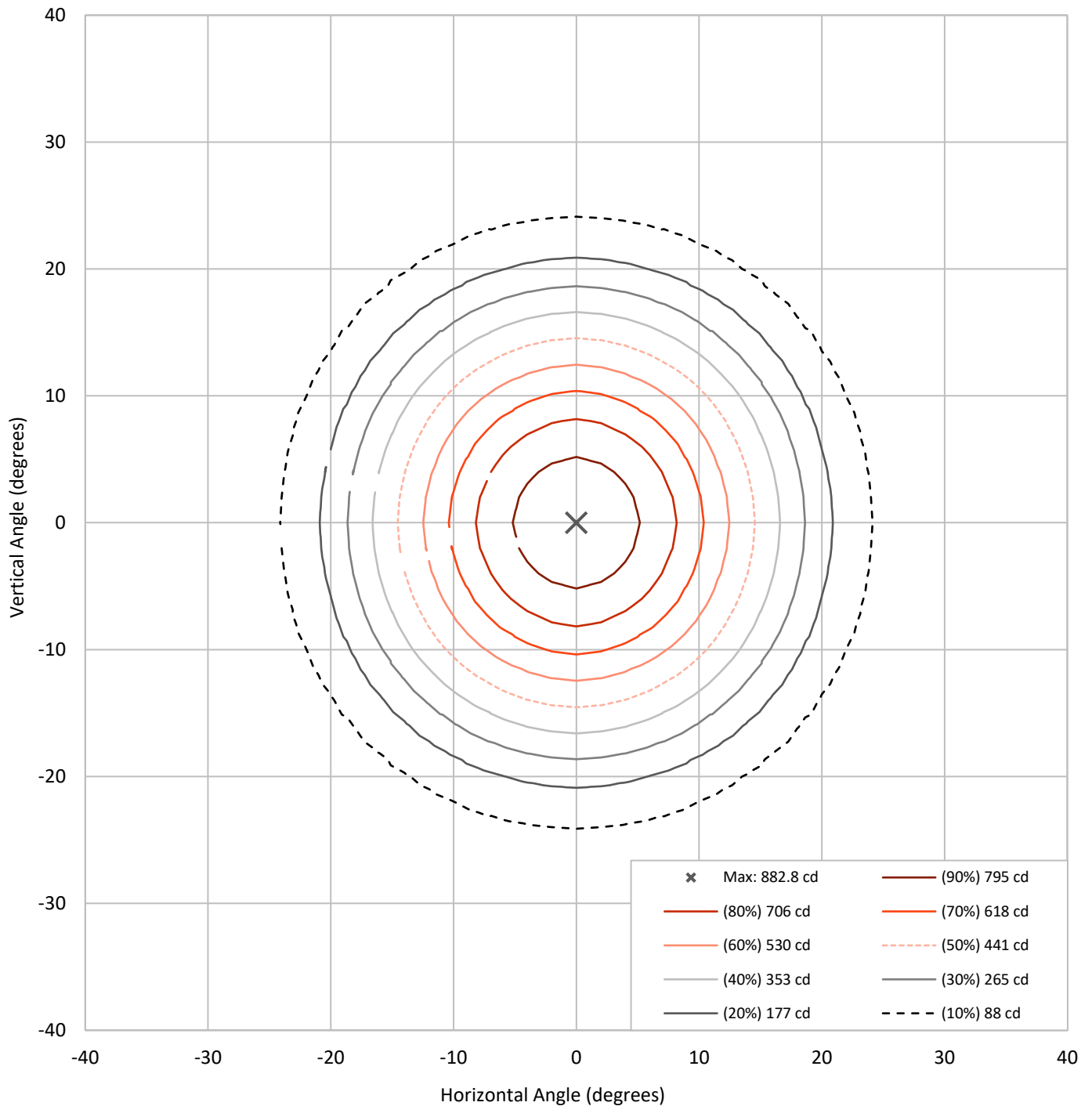
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	229.7 lumens	Max Intensity:	882.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	30.2 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	29.1°H x 29.1°V	Field Angle (10%):	48.2°H x 48.2°V
Beam Lumens:	131.2 lumens	Field Lumens:	207.4 lumens
Beam Efficiency:	57.1%	Field Efficiency:	90.3%
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: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 203-8LED2736-12-CS-LVR

Iso-Candela Plot



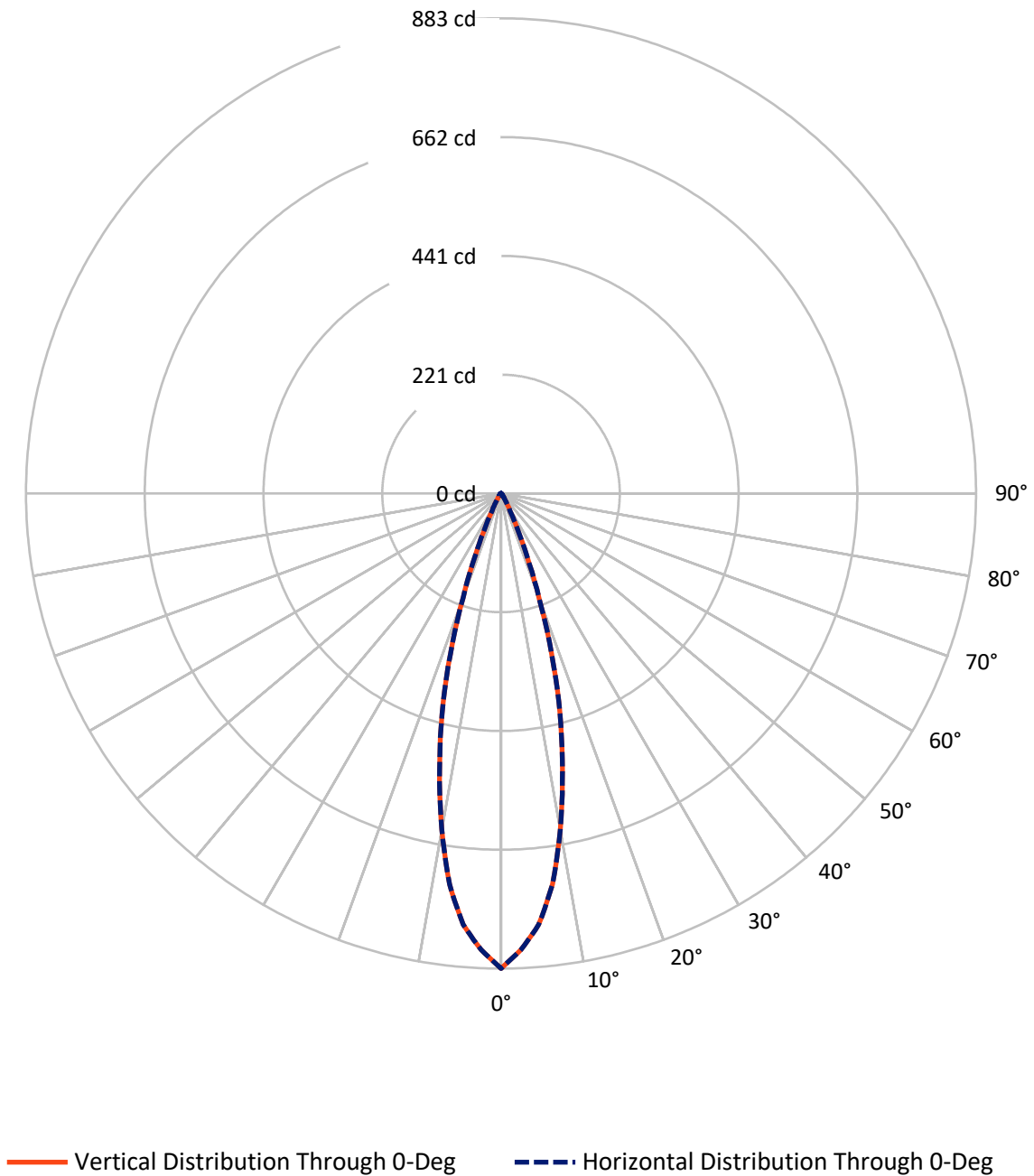
REPORT NUMBER: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

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	0.0	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	0.0	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	0.0	0.1	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.0	0.0	0.1	0.3	1.0	2.2	2.2	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0
20		0.0	0.0	0.0	0.2	0.9	5.2	11.4	11.4	5.2	0.9	0.2	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.1	0.2	2.1	11.1	21.5	21.5	11.1	2.1	0.2	0.1	0.0	0.0	0.0	0.0
0		0.0	0.0	0.1	0.2	2.1	11.1	21.5	21.5	11.1	2.1	0.2	0.1	0.0	0.0		
-10	0.0	0.0	0.0	0.1	0.2	2.1	11.1	21.5	21.5	11.1	2.1	0.2	0.1	0.0	0.0	0.0	0.0
-20		0.0	0.0	0.0	0.2	0.9	5.2	11.4	11.4	5.2	0.9	0.2	0.0	0.0	0.0		
-30	0.0	0.0	0.0	0.0	0.1	0.3	1.0	2.2	2.2	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0
-40		0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0		
-50	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	0.0	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
-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	0.0

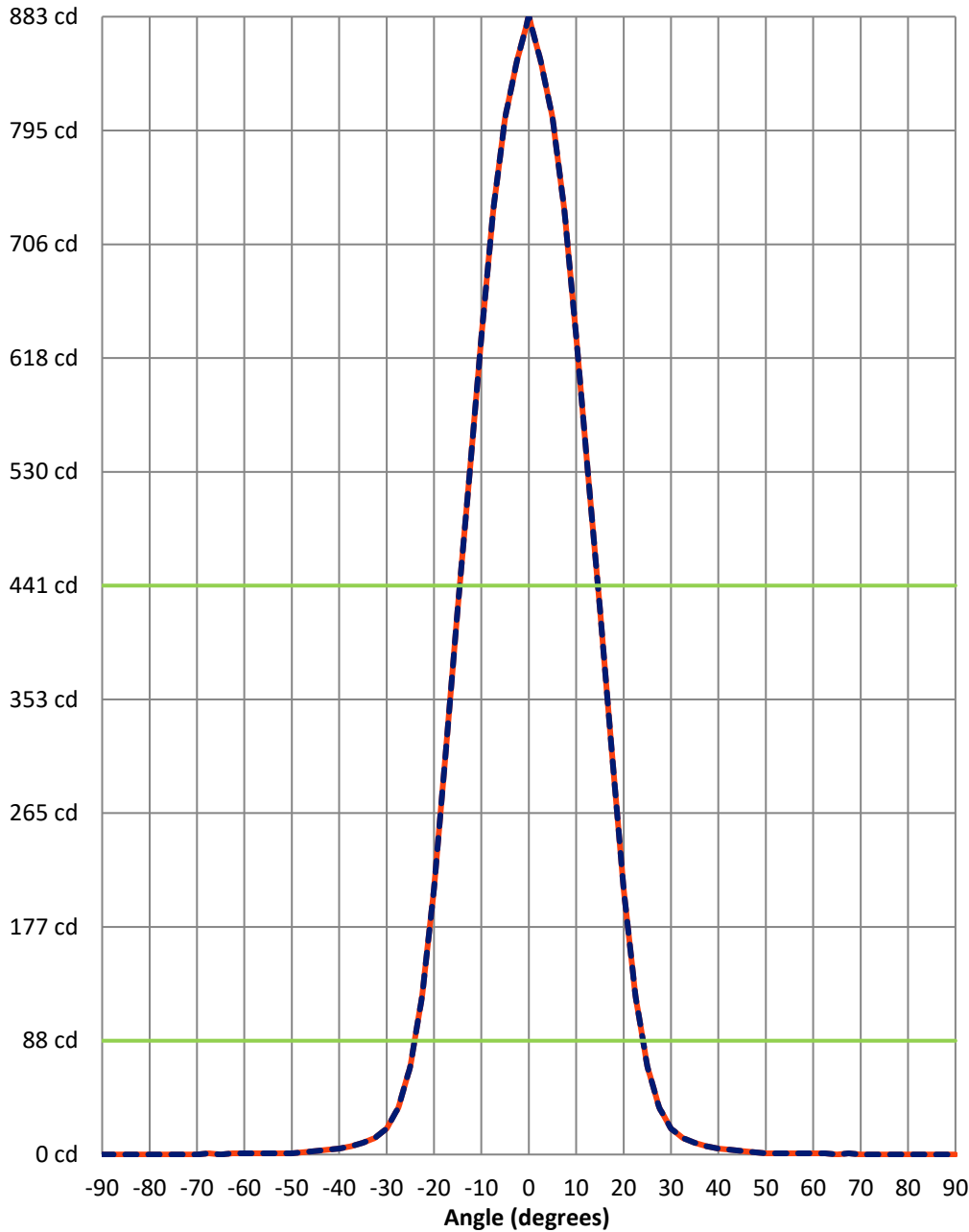
REPORT NUMBER: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 203-8LED2736-12-CS-LVR

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 29.1°
 V Angle: 29.1°
 Lumens: 131.2
 Efficiency: 57.1%

Field:
 H Angle: 48.2°
 V Angle: 48.2°
 Lumens: 207.4
 Efficiency: 90.3%

Spill:
 Lumens: 22.2
 Efficiency: 9.7%

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



REPORT NUMBER: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

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	0	0	1
-25°	0	0	0	0	0	0	0	0	0	0	1
-27.5°	0	0	0	0	0	0	0	0	0	0	1
-30°	0	0	0	0	0	0	0	0	0	0	1
-32.5°	0	0	0	0	0	0	0	0	0	0	0
-35°	0	0	0	0	0	0	0	0	0	0	0
-37.5°	0	0	0	0	0	0	0	0	0	0	0
-40°	0	0	0	0	0	0	0	0	0	0	0
-42.5°	0	0	0	0	0	0	0	0	0	0	0
-45°	0	0	0	0	0	0	0	0	0	0	0
-47.5°	0	0	0	0	0	0	0	0	0	0	0
-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: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

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



REPORT NUMBER: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	0	1	1	1	1	1	1	1	2	3	4
-25°	0	1	1	1	1	1	1	1	2	2	3
-27.5°	0	0	1	1	1	1	1	1	1	2	3
-30°	1	0	1	1	1	1	1	1	1	1	2
-32.5°	1	0	1	1	1	1	1	1	1	1	2
-35°	1	0	0	1	1	1	1	1	1	1	1
-37.5°	1	1	0	1	1	1	1	1	1	1	1
-40°	0	1	0	0	1	1	1	1	1	1	1
-42.5°	0	1	1	0	1	1	1	1	1	1	1
-45°	0	0	1	0	0	1	1	1	1	1	1
-47.5°	0	0	0	1	0	0	1	1	1	1	1
-50°	0	0	0	1	1	0	0	1	1	1	1
-52.5°	0	0	0	0	1	1	0	0	1	1	1
-55°	0	0	0	0	0	1	1	0	0	0	1
-57.5°	0	0	0	0	0	0	0	1	1	0	0
-60°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	0	0	1
-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: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

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	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	1	1	1	1
65°	0	0	1	1	1	1	1	0	0	0	0
62.5°	1	1	1	0	0	0	0	0	1	1	1
60°	0	0	0	0	1	1	1	1	1	1	1
57.5°	0	1	1	1	1	1	1	1	1	1	1
55°	1	1	1	1	1	1	1	1	1	1	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	2
45°	1	1	1	1	1	1	1	2	2	2	2
42.5°	1	1	1	1	2	2	2	3	3	3	3
40°	1	1	1	2	2	3	3	3	4	4	4
37.5°	1	2	2	3	3	4	4	4	5	5	6
35°	2	2	3	3	4	4	5	6	6	7	8
32.5°	2	3	3	4	5	5	6	8	9	10	11
30°	3	3	4	5	6	7	9	10	12	13	16
27.5°	3	4	5	6	7	9	11	14	17	20	24
25°	4	5	6	7	9	12	15	20	25	34	43
22.5°	4	5	7	9	12	16	21	30	43	59	77
20°	5	6	9	11	15	21	32	48	72	99	130
17.5°	6	8	10	14	20	30	48	77	112	157	203
15°	6	9	12	17	25	43	72	112	167	230	293
12.5°	7	10	13	20	34	59	99	157	230	308	383
10°	8	11	16	24	43	77	130	203	293	383	460
7.5°	8	12	18	29	52	95	160	248	347	442	529
5°	9	12	19	33	61	109	185	283	390	488	584
2.5°	9	13	20	36	67	120	201	306	415	517	621
0°	9	13	20	37	68	123	206	313	424	528	635
-2.5°	9	13	20	36	67	120	201	306	415	517	621
-5°	9	12	19	33	61	109	185	283	390	488	584
-7.5°	8	12	18	29	52	95	160	248	347	442	529
-10°	8	11	16	24	43	77	130	203	293	383	460
-12.5°	7	10	13	20	34	59	99	157	230	308	383
-15°	6	9	12	17	25	43	72	112	167	230	293
-17.5°	6	8	10	14	20	30	48	77	112	157	203
-20°	5	6	9	11	15	21	32	48	72	99	130



REPORT NUMBER: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4	5	7	9	12	16	21	30	43	59	77
-25°	4	5	6	7	9	12	15	20	25	34	43
-27.5°	3	4	5	6	7	9	11	14	17	20	24
-30°	3	3	4	5	6	7	9	10	12	13	16
-32.5°	2	3	3	4	5	5	6	8	9	10	11
-35°	2	2	3	3	4	4	5	6	6	7	8
-37.5°	1	2	2	3	3	4	4	4	5	5	6
-40°	1	1	1	2	2	3	3	3	4	4	4
-42.5°	1	1	1	1	2	2	2	3	3	3	3
-45°	1	1	1	1	1	1	1	2	2	2	2
-47.5°	1	1	1	1	1	1	1	1	1	1	2
-50°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	1
-55°	1	1	1	1	1	1	1	1	1	1	1
-57.5°	0	1	1	1	1	1	1	1	1	1	1
-60°	0	0	0	0	1	1	1	1	1	1	1
-62.5°	1	1	1	0	0	0	0	0	1	1	1
-65°	0	0	1	1	1	1	1	0	0	0	0
-67.5°	0	0	0	0	0	0	0	1	1	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: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

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°	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	1	1	1	1	1	1	1	1	1
65°	0	0	0	0	0	0	0	0	0	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	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	1
52.5°	1	1	1	1	1	1	1	1	1	1	1
50°	1	1	1	1	1	1	1	1	1	1	1
47.5°	2	2	2	2	2	2	2	2	1	1	1
45°	3	3	3	3	3	3	3	2	2	2	2
42.5°	3	4	4	4	4	4	3	3	3	3	3
40°	4	5	5	5	5	5	4	4	4	4	3
37.5°	6	6	6	6	6	6	6	6	5	5	4
35°	8	9	9	9	9	9	8	8	7	6	6
32.5°	12	12	13	13	13	12	12	11	10	9	8
30°	18	19	20	20	20	19	18	16	13	12	10
27.5°	29	33	36	37	36	33	29	24	20	17	14
25°	52	61	67	68	67	61	52	43	34	25	20
22.5°	95	109	120	123	120	109	95	77	59	43	30
20°	160	185	201	206	201	185	160	130	99	72	48
17.5°	248	283	306	313	306	283	248	203	157	112	77
15°	347	390	415	424	415	390	347	293	230	167	112
12.5°	442	488	517	528	517	488	442	383	308	230	157
10°	529	584	621	635	621	584	529	460	383	293	203
7.5°	609	676	718	733	718	676	609	529	442	347	248
5°	676	748	790	804	790	748	676	584	488	390	283
2.5°	718	790	832	849	832	790	718	621	517	415	306
0°	733	804	849	883	849	804	733	635	528	424	313
-2.5°	718	790	832	849	832	790	718	621	517	415	306
-5°	676	748	790	804	790	748	676	584	488	390	283
-7.5°	609	676	718	733	718	676	609	529	442	347	248
-10°	529	584	621	635	621	584	529	460	383	293	203
-12.5°	442	488	517	528	517	488	442	383	308	230	157
-15°	347	390	415	424	415	390	347	293	230	167	112
-17.5°	248	283	306	313	306	283	248	203	157	112	77
-20°	160	185	201	206	201	185	160	130	99	72	48



REPORT NUMBER: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	95	109	120	123	120	109	95	77	59	43	30
-25°	52	61	67	68	67	61	52	43	34	25	20
-27.5°	29	33	36	37	36	33	29	24	20	17	14
-30°	18	19	20	20	20	19	18	16	13	12	10
-32.5°	12	12	13	13	13	12	12	11	10	9	8
-35°	8	9	9	9	9	9	8	8	7	6	6
-37.5°	6	6	6	6	6	6	6	6	5	5	4
-40°	4	5	5	5	5	5	4	4	4	4	3
-42.5°	3	4	4	4	4	4	3	3	3	3	3
-45°	3	3	3	3	3	3	3	2	2	2	2
-47.5°	2	2	2	2	2	2	2	2	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	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	1
-62.5°	1	1	1	1	1	1	1	1	1	1	0
-65°	0	0	0	0	0	0	0	0	0	0	0
-67.5°	1	1	1	1	1	1	1	1	1	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: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

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°	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	1	1	1	1	0	0	0	0	0	0
62.5°	0	0	0	0	1	1	1	1	0	0	0
60°	1	1	1	0	0	0	0	1	1	1	0
57.5°	1	1	1	1	1	1	0	0	0	1	1
55°	1	1	1	1	1	1	1	1	0	0	0
52.5°	1	1	1	1	1	1	1	1	1	1	0
50°	1	1	1	1	1	1	1	1	1	1	1
47.5°	1	1	1	1	1	1	1	1	1	1	1
45°	1	1	1	1	1	1	1	1	1	1	1
42.5°	2	2	2	1	1	1	1	1	1	1	1
40°	3	3	2	2	1	1	1	1	1	1	1
37.5°	4	4	3	3	2	2	1	1	1	1	1
35°	5	4	4	3	3	2	2	1	1	1	1
32.5°	6	5	5	4	3	3	2	2	1	1	1
30°	9	7	6	5	4	3	3	2	1	1	1
27.5°	11	9	7	6	5	4	3	3	2	1	1
25°	15	12	9	7	6	5	4	3	2	2	1
22.5°	21	16	12	9	7	5	4	4	3	2	1
20°	32	21	15	11	9	6	5	4	3	2	1
17.5°	48	30	20	14	10	8	6	4	3	3	2
15°	72	43	25	17	12	9	6	5	4	3	2
12.5°	99	59	34	20	13	10	7	5	4	3	2
10°	130	77	43	24	16	11	8	6	4	3	2
7.5°	160	95	52	29	18	12	8	6	4	3	3
5°	185	109	61	33	19	12	9	6	5	4	3
2.5°	201	120	67	36	20	13	9	6	5	4	3
0°	206	123	68	37	20	13	9	6	5	4	3
-2.5°	201	120	67	36	20	13	9	6	5	4	3
-5°	185	109	61	33	19	12	9	6	5	4	3
-7.5°	160	95	52	29	18	12	8	6	4	3	3
-10°	130	77	43	24	16	11	8	6	4	3	2
-12.5°	99	59	34	20	13	10	7	5	4	3	2
-15°	72	43	25	17	12	9	6	5	4	3	2
-17.5°	48	30	20	14	10	8	6	4	3	3	2
-20°	32	21	15	11	9	6	5	4	3	2	1



REPORT NUMBER: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21	16	12	9	7	5	4	4	3	2	1
-25°	15	12	9	7	6	5	4	3	2	2	1
-27.5°	11	9	7	6	5	4	3	3	2	1	1
-30°	9	7	6	5	4	3	3	2	1	1	1
-32.5°	6	5	5	4	3	3	2	2	1	1	1
-35°	5	4	4	3	3	2	2	1	1	1	1
-37.5°	4	4	3	3	2	2	1	1	1	1	1
-40°	3	3	2	2	1	1	1	1	1	1	1
-42.5°	2	2	2	1	1	1	1	1	1	1	1
-45°	1	1	1	1	1	1	1	1	1	1	1
-47.5°	1	1	1	1	1	1	1	1	1	1	1
-50°	1	1	1	1	1	1	1	1	1	1	1
-52.5°	1	1	1	1	1	1	1	1	1	1	0
-55°	1	1	1	1	1	1	1	1	0	0	0
-57.5°	1	1	1	1	1	1	0	0	0	1	1
-60°	1	1	1	0	0	0	0	1	1	1	0
-62.5°	0	0	0	0	1	1	1	1	0	0	0
-65°	1	1	1	1	1	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: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

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°	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°	1	1	0	0	0	0	0	0	0	0	0
52.5°	0	1	1	0	0	0	0	0	0	0	0
50°	0	0	1	1	0	0	0	0	0	0	0
47.5°	1	0	0	1	0	0	0	0	0	0	0
45°	1	1	0	0	1	0	0	0	0	0	0
42.5°	1	1	1	0	1	1	0	0	0	0	0
40°	1	1	1	0	0	1	0	0	0	0	0
37.5°	1	1	1	1	0	1	1	0	0	0	0
35°	1	1	1	1	0	0	1	0	0	0	0
32.5°	1	1	1	1	1	0	1	0	0	0	0
30°	1	1	1	1	1	0	1	1	0	0	0
27.5°	1	1	1	1	1	0	0	1	0	0	0
25°	1	1	1	1	1	1	0	1	0	0	0
22.5°	1	1	1	1	1	1	0	1	0	0	0
20°	1	1	1	1	1	1	0	1	0	0	0
17.5°	1	1	1	1	1	1	0	0	1	0	0
15°	1	1	1	1	1	1	1	0	1	0	0
12.5°	1	1	1	1	1	1	1	0	1	0	0
10°	2	1	1	1	1	1	1	0	1	0	0
7.5°	2	1	1	1	1	1	1	0	1	0	0
5°	2	1	1	1	1	1	1	0	1	0	0
2.5°	2	1	1	1	1	1	1	0	1	0	0
0°	2	1	1	1	1	1	1	0	1	0	0
-2.5°	2	1	1	1	1	1	1	0	1	0	0
-5°	2	1	1	1	1	1	1	0	1	0	0
-7.5°	2	1	1	1	1	1	1	0	1	0	0
-10°	2	1	1	1	1	1	1	0	1	0	0
-12.5°	1	1	1	1	1	1	1	0	1	0	0
-15°	1	1	1	1	1	1	1	0	1	0	0
-17.5°	1	1	1	1	1	1	0	0	1	0	0
-20°	1	1	1	1	1	1	0	1	0	0	0



REPORT NUMBER: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1	1	1	1	1	1	0	1	0	0	0
-25°	1	1	1	1	1	1	0	1	0	0	0
-27.5°	1	1	1	1	1	0	0	1	0	0	0
-30°	1	1	1	1	1	0	1	1	0	0	0
-32.5°	1	1	1	1	1	0	1	0	0	0	0
-35°	1	1	1	1	0	0	1	0	0	0	0
-37.5°	1	1	1	1	0	1	1	0	0	0	0
-40°	1	1	1	0	0	1	0	0	0	0	0
-42.5°	1	1	1	0	1	1	0	0	0	0	0
-45°	1	1	0	0	1	0	0	0	0	0	0
-47.5°	1	0	0	1	0	0	0	0	0	0	0
-50°	0	0	1	1	0	0	0	0	0	0	0
-52.5°	0	1	1	0	0	0	0	0	0	0	0
-55°	1	1	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: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2736-12-CS-LVR

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: P247034 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 203-8LED2736-12-CS-LVR

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)