

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: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED2725-12-BK**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-5)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 203-8LED2725-12-BK
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD BLACK
Light Source: (1) SORAA 2700K 95 CRI 25°NFL LED
SM16-07-25D-927-03
Ballast/Driver: CHROMA POWER SUPPLY IN0004

Summary

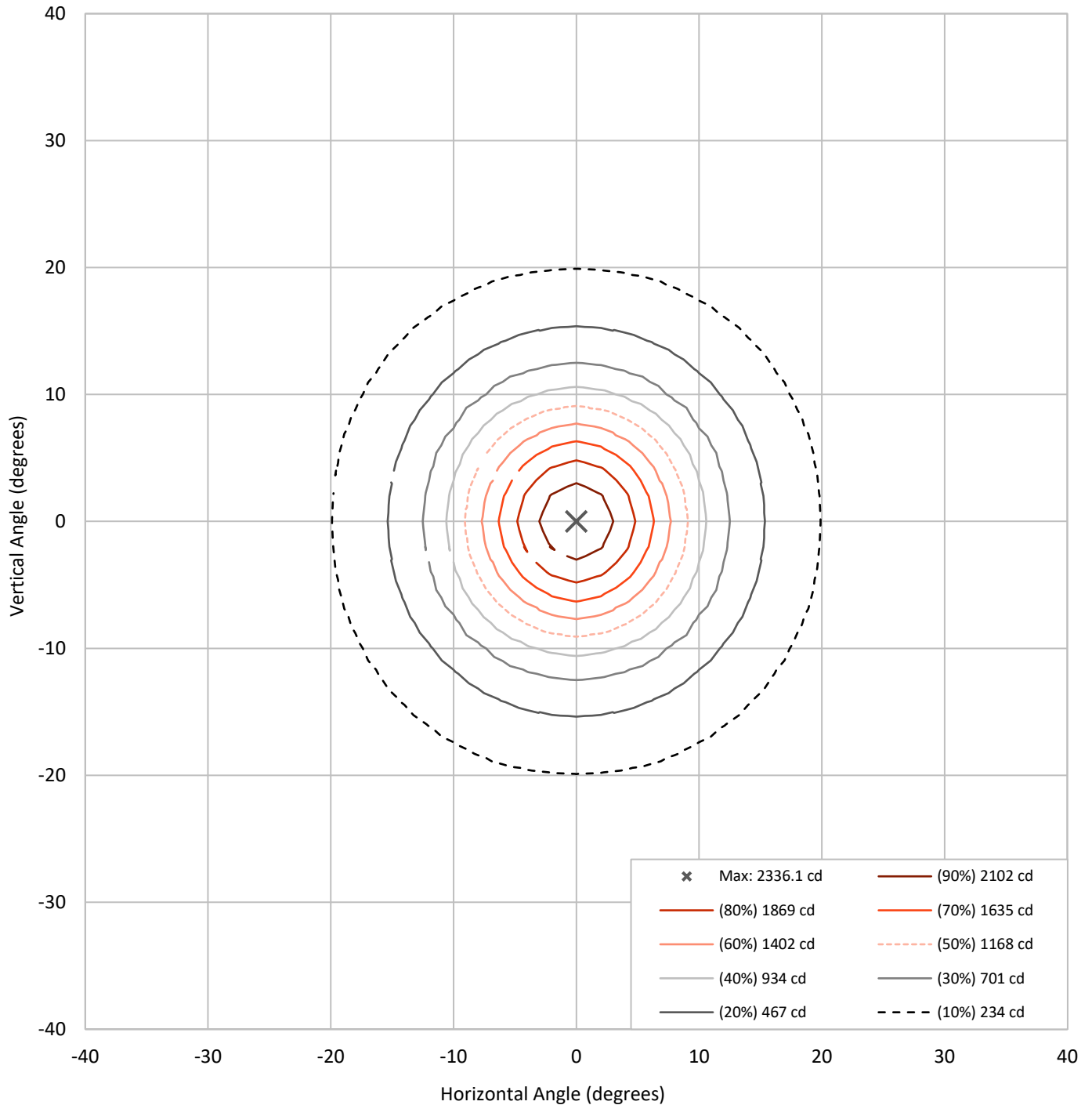
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	339.9 lumens	Max Intensity:	2336.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	43.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	18.2°H x 18.2°V	Field Angle (10%):	39.8°H x 39.8°V
Beam Lumens:	133.8 lumens	Field Lumens:	289.1 lumens
Beam Efficiency:	39.4%	Field Efficiency:	85.1%

Input Watts (W): 7.9
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



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CATALOG NUMBER: 203-8LED2725-12-BK

Iso-Candela Plot



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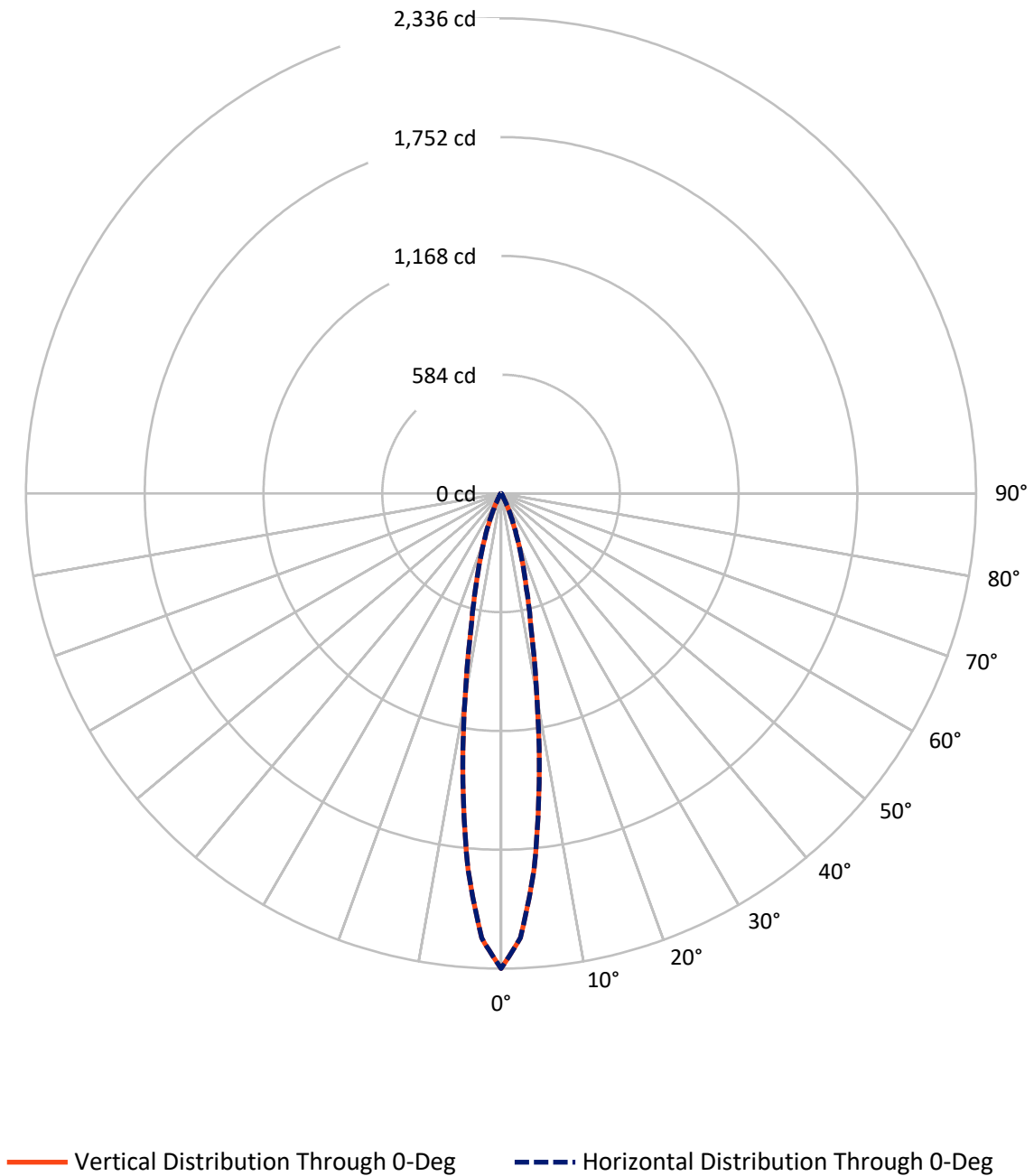
Lumen Table

90	0.0														
80	0.0														
70	0.0														
60	0.0														
50	0.0														
40	0.0														
30	0.0														
20	0.0														
10	0.0														
0	0.0														
-10	0.0														
-20	0.0														
-30	0.0														
-40	0.0														
-50	0.0														
-60	0.0														
-70	0.0														
-80	0.0														
-90	0.0														

	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	---	----	----	----	----	----	----	----	----	----

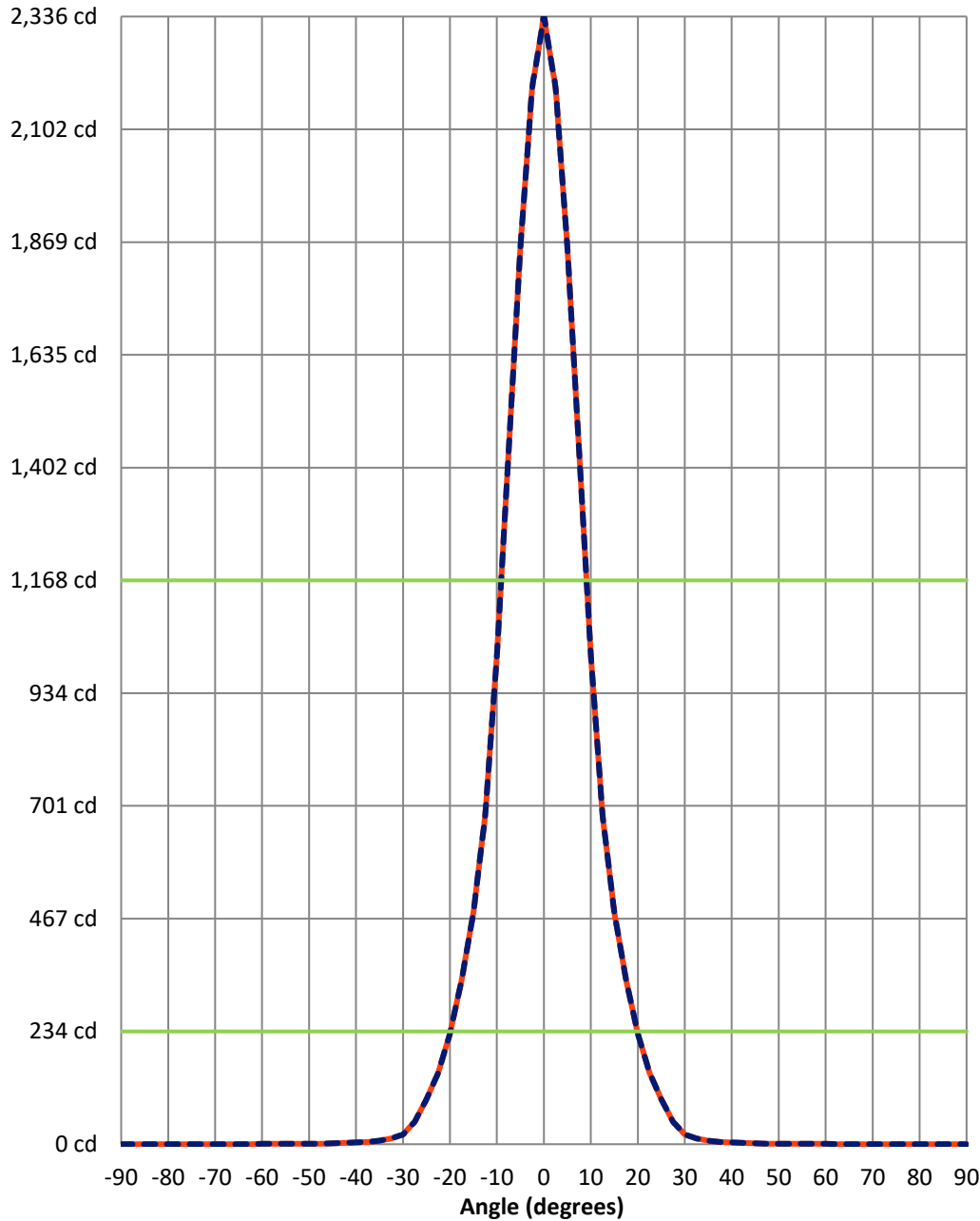
REPORT NUMBER: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 18.2°
V Angle: 18.2°
Lumens: 133.8
Efficiency: 39.4%

Field:
H Angle: 39.8°
V Angle: 39.8°
Lumens: 289.1
Efficiency: 85.1%

Spill:
Lumens: 50.8
Efficiency: 14.9%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



REPORT NUMBER: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	0
27.5°	0	0	0	0	0	0	0	0	0	0	0
25°	0	0	0	0	0	0	0	0	0	0	0
22.5°	0	0	0	0	0	0	0	0	0	0	0
20°	0	0	0	0	0	0	0	0	0	0	0
17.5°	0	0	0	0	0	0	0	0	0	0	0
15°	0	0	0	0	0	0	0	0	0	0	0
12.5°	0	0	0	0	0	0	0	0	0	0	0
10°	0	0	0	0	0	0	0	0	0	0	0
7.5°	0	0	0	0	0	0	0	0	0	0	0
5°	0	0	0	0	0	0	0	0	0	0	0
2.5°	0	0	0	0	0	0	0	0	0	0	0
0°	0	0	0	0	0	0	0	0	0	0	0
-2.5°	0	0	0	0	0	0	0	0	0	0	0
-5°	0	0	0	0	0	0	0	0	0	0	0
-7.5°	0	0	0	0	0	0	0	0	0	0	0
-10°	0	0	0	0	0	0	0	0	0	0	0
-12.5°	0	0	0	0	0	0	0	0	0	0	0
-15°	0	0	0	0	0	0	0	0	0	0	0
-17.5°	0	0	0	0	0	0	0	0	0	0	0
-20°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

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	0
-25°	0	0	0	0	0	0	0	0	0	0	0
-27.5°	0	0	0	0	0	0	0	0	0	0	0
-30°	0	0	0	0	0	0	0	0	0	0	0
-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: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

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	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	1	1
47.5°	0	0	0	0	0	0	0	0	1	1	1
45°	0	0	0	0	0	0	0	1	1	1	1
42.5°	0	0	0	0	0	0	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	1	1	1	1	1	1	1
32.5°	0	0	0	1	1	1	1	1	1	1	1
30°	0	0	0	1	1	1	1	1	1	1	1
27.5°	0	0	0	1	1	1	1	1	1	1	2
25°	0	0	1	1	1	1	1	1	1	1	2
22.5°	0	0	1	1	1	1	1	1	1	2	3
20°	0	0	1	1	1	1	1	1	1	2	3
17.5°	0	0	1	1	1	1	1	1	2	2	3
15°	0	0	1	1	1	1	1	1	2	3	4
12.5°	0	1	1	1	1	1	1	1	2	3	4
10°	0	1	1	1	1	1	1	1	2	3	4
7.5°	0	1	1	1	1	1	1	2	3	3	4
5°	0	1	1	1	1	1	1	2	3	4	4
2.5°	0	1	1	1	1	1	1	2	3	4	5
0°	0	1	1	1	1	1	1	2	3	4	5
-2.5°	0	1	1	1	1	1	1	2	3	4	5
-5°	0	1	1	1	1	1	1	2	3	4	4
-7.5°	0	1	1	1	1	1	1	2	3	3	4
-10°	0	1	1	1	1	1	1	1	2	3	4
-12.5°	0	1	1	1	1	1	1	1	2	3	4
-15°	0	0	1	1	1	1	1	1	2	3	4
-17.5°	0	0	1	1	1	1	1	1	2	2	3
-20°	0	0	1	1	1	1	1	1	1	2	3



REPORT NUMBER: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	0	0	1	1	1	1	1	1	1	2	3
-25°	0	0	1	1	1	1	1	1	1	1	2
-27.5°	0	0	0	1	1	1	1	1	1	1	2
-30°	0	0	0	1	1	1	1	1	1	1	1
-32.5°	0	0	0	1	1	1	1	1	1	1	1
-35°	0	0	0	0	1	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	0	1	1	1	1	1
-45°	0	0	0	0	0	0	0	1	1	1	1
-47.5°	0	0	0	0	0	0	0	0	1	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	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: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

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	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	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	1
55°	0	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	1
45°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	2	2	2	2
40°	1	1	1	1	1	2	2	2	3	3	3
37.5°	1	1	1	2	2	3	3	3	4	4	4
35°	1	1	2	2	3	3	4	4	5	5	6
32.5°	1	2	2	3	4	4	5	6	7	8	9
30°	2	2	3	4	4	5	7	9	11	13	15
27.5°	2	3	4	4	6	7	10	13	17	20	29
25°	3	4	4	6	8	11	15	19	32	44	60
22.5°	3	4	5	7	11	16	23	39	59	82	104
20°	4	5	7	10	15	23	41	68	97	127	155
17.5°	4	6	9	13	19	39	68	103	139	184	227
15°	5	7	11	17	32	59	97	139	194	254	320
12.5°	5	8	13	20	44	82	127	184	254	336	427
10°	6	9	15	29	60	104	155	227	320	427	552
7.5°	7	10	17	37	74	123	187	274	383	517	684
5°	7	11	19	42	84	136	210	310	436	605	858
2.5°	7	12	20	45	91	145	224	333	469	661	973
0°	7	12	20	47	93	148	229	341	480	681	1013
-2.5°	7	12	20	45	91	145	224	333	469	661	973
-5°	7	11	19	42	84	136	210	310	436	605	858
-7.5°	7	10	17	37	74	123	187	274	383	517	684
-10°	6	9	15	29	60	104	155	227	320	427	552
-12.5°	5	8	13	20	44	82	127	184	254	336	427
-15°	5	7	11	17	32	59	97	139	194	254	320
-17.5°	4	6	9	13	19	39	68	103	139	184	227
-20°	4	5	7	10	15	23	41	68	97	127	155



REPORT NUMBER: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3	4	5	7	11	16	23	39	59	82	104
-25°	3	4	4	6	8	11	15	19	32	44	60
-27.5°	2	3	4	4	6	7	10	13	17	20	29
-30°	2	2	3	4	4	5	7	9	11	13	15
-32.5°	1	2	2	3	4	4	5	6	7	8	9
-35°	1	1	2	2	3	3	4	4	5	5	6
-37.5°	1	1	1	2	2	3	3	3	4	4	4
-40°	1	1	1	1	1	2	2	2	3	3	3
-42.5°	1	1	1	1	1	1	1	2	2	2	2
-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	1
-55°	0	1	1	1	1	1	1	1	1	1	1
-57.5°	0	0	0	0	1	1	1	1	1	1	1
-60°	0	0	0	0	0	0	0	0	0	1	1
-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: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

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°	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°	1	1	1	1	1	1	1	1	1	0	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°	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	1
45°	2	2	2	2	2	2	2	1	1	1	1
42.5°	3	3	3	3	3	3	3	2	2	2	2
40°	3	4	4	4	4	4	3	3	3	3	2
37.5°	4	4	5	5	5	4	4	4	4	4	3
35°	7	7	7	7	7	7	7	6	5	5	4
32.5°	10	11	12	12	12	11	10	9	8	7	6
30°	17	19	20	20	20	19	17	15	13	11	9
27.5°	37	42	45	47	45	42	37	29	20	17	13
25°	74	84	91	93	91	84	74	60	44	32	19
22.5°	123	136	145	148	145	136	123	104	82	59	39
20°	187	210	224	229	224	210	187	155	127	97	68
17.5°	274	310	333	341	333	310	274	227	184	139	103
15°	383	436	469	480	469	436	383	320	254	194	139
12.5°	517	605	661	681	661	605	517	427	336	254	184
10°	684	858	973	1013	973	858	684	552	427	320	227
7.5°	935	1177	1366	1436	1366	1177	935	684	517	383	274
5°	1177	1512	1761	1858	1761	1512	1177	858	605	436	310
2.5°	1366	1761	2070	2188	2070	1761	1366	973	661	469	333
0°	1436	1858	2188	2336	2188	1858	1436	1013	681	480	341
-2.5°	1366	1761	2070	2188	2070	1761	1366	973	661	469	333
-5°	1177	1512	1761	1858	1761	1512	1177	858	605	436	310
-7.5°	935	1177	1366	1436	1366	1177	935	684	517	383	274
-10°	684	858	973	1013	973	858	684	552	427	320	227
-12.5°	517	605	661	681	661	605	517	427	336	254	184
-15°	383	436	469	480	469	436	383	320	254	194	139
-17.5°	274	310	333	341	333	310	274	227	184	139	103
-20°	187	210	224	229	224	210	187	155	127	97	68



REPORT NUMBER: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	123	136	145	148	145	136	123	104	82	59	39
-25°	74	84	91	93	91	84	74	60	44	32	19
-27.5°	37	42	45	47	45	42	37	29	20	17	13
-30°	17	19	20	20	20	19	17	15	13	11	9
-32.5°	10	11	12	12	12	11	10	9	8	7	6
-35°	7	7	7	7	7	7	7	6	5	5	4
-37.5°	4	4	5	5	5	4	4	4	4	4	3
-40°	3	4	4	4	4	4	3	3	3	3	2
-42.5°	3	3	3	3	3	3	3	2	2	2	2
-45°	2	2	2	2	2	2	2	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	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	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: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

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°	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°	1	1	1	0	0	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	1	0	0	0	0
50°	1	1	1	1	1	1	1	1	1	0	0
47.5°	1	1	1	1	1	1	1	1	1	1	0
45°	1	1	1	1	1	1	1	1	1	1	1
42.5°	1	1	1	1	1	1	1	1	1	1	1
40°	2	2	1	1	1	1	1	1	1	1	1
37.5°	3	3	2	2	1	1	1	1	1	1	1
35°	4	3	3	2	2	1	1	1	1	1	1
32.5°	5	4	4	3	2	2	1	1	1	1	1
30°	7	5	4	4	3	2	2	1	1	1	1
27.5°	10	7	6	4	4	3	2	2	1	1	1
25°	15	11	8	6	4	4	3	2	1	1	1
22.5°	23	16	11	7	5	4	3	3	2	1	1
20°	41	23	15	10	7	5	4	3	2	1	1
17.5°	68	39	19	13	9	6	4	3	2	2	1
15°	97	59	32	17	11	7	5	4	3	2	1
12.5°	127	82	44	20	13	8	5	4	3	2	1
10°	155	104	60	29	15	9	6	4	3	2	1
7.5°	187	123	74	37	17	10	7	4	3	3	2
5°	210	136	84	42	19	11	7	4	4	3	2
2.5°	224	145	91	45	20	12	7	5	4	3	2
0°	229	148	93	47	20	12	7	5	4	3	2
-2.5°	224	145	91	45	20	12	7	5	4	3	2
-5°	210	136	84	42	19	11	7	4	4	3	2
-7.5°	187	123	74	37	17	10	7	4	3	3	2
-10°	155	104	60	29	15	9	6	4	3	2	1
-12.5°	127	82	44	20	13	8	5	4	3	2	1
-15°	97	59	32	17	11	7	5	4	3	2	1
-17.5°	68	39	19	13	9	6	4	3	2	2	1
-20°	41	23	15	10	7	5	4	3	2	1	1



REPORT NUMBER: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	23	16	11	7	5	4	3	3	2	1	1
-25°	15	11	8	6	4	4	3	2	1	1	1
-27.5°	10	7	6	4	4	3	2	2	1	1	1
-30°	7	5	4	4	3	2	2	1	1	1	1
-32.5°	5	4	4	3	2	2	1	1	1	1	1
-35°	4	3	3	2	2	1	1	1	1	1	1
-37.5°	3	3	2	2	1	1	1	1	1	1	1
-40°	2	2	1	1	1	1	1	1	1	1	1
-42.5°	1	1	1	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	0
-50°	1	1	1	1	1	1	1	1	1	0	0
-52.5°	1	1	1	1	1	1	1	0	0	0	0
-55°	1	1	1	1	1	1	0	0	0	0	0
-57.5°	1	1	1	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: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

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



REPORT NUMBER: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

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	0	0	0	0	0	0
-25°	1	1	1	1	1	0	0	0	0	0	0
-27.5°	1	1	1	1	0	0	0	0	0	0	0
-30°	1	1	1	1	0	0	0	0	0	0	0
-32.5°	1	1	1	1	0	0	0	0	0	0	0
-35°	1	1	1	0	0	0	0	0	0	0	0
-37.5°	1	1	0	0	0	0	0	0	0	0	0
-40°	1	1	0	0	0	0	0	0	0	0	0
-42.5°	1	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: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-BK

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: P247016 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 203-8LED2725-12-BK

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)