

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: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-8)
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
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD SILVER
Light Source: (1) SORAA 2700K 90 CRI LED
SM16-07-25D-927-03
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

Summary

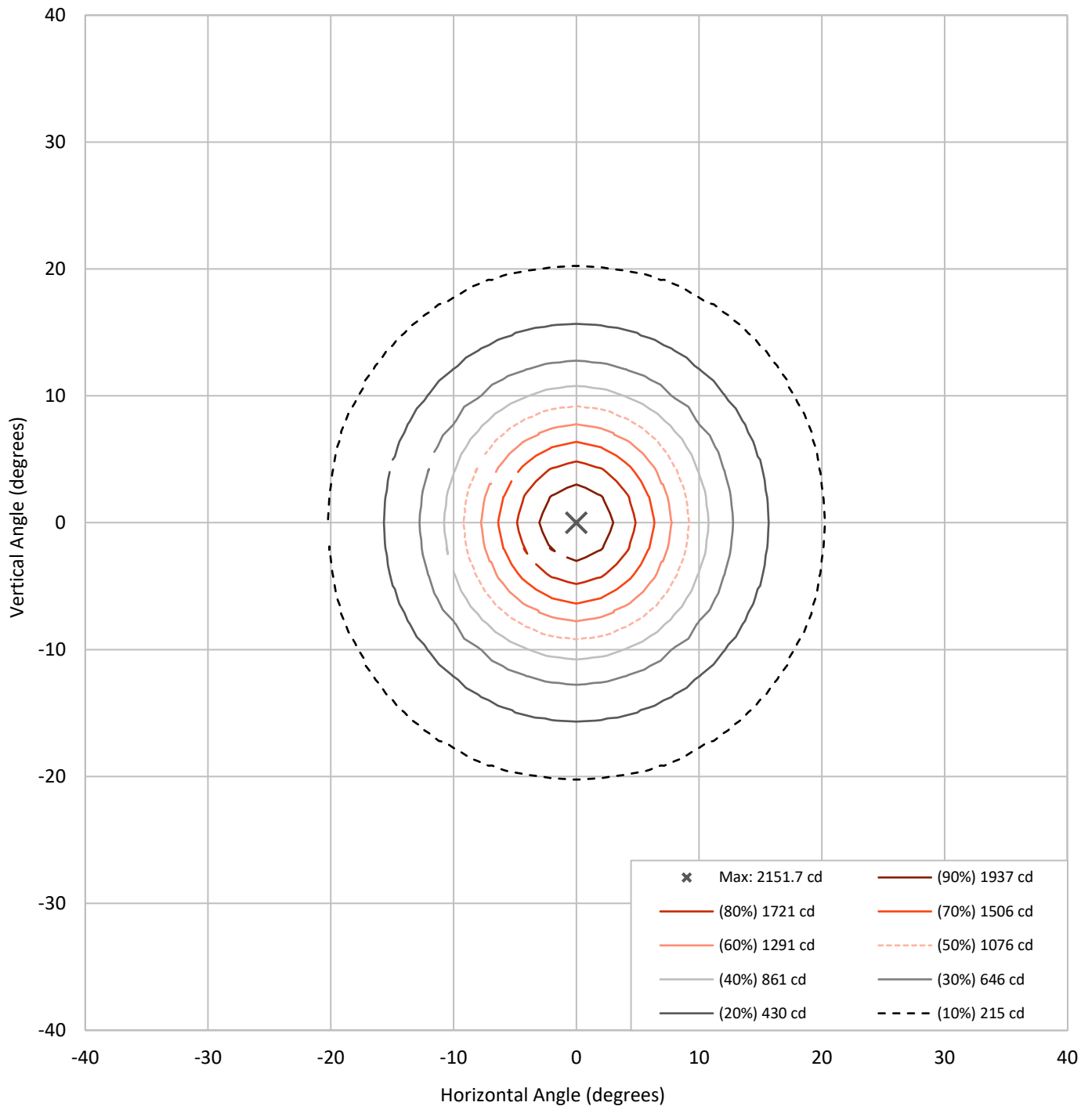
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	328.6 lumens	Max Intensity:	2151.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	45.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	18.4°H x 18.4°V	Field Angle (10%):	40.5°H x 40.5°V
Beam Lumens:	123.9 lumens	Field Lumens:	272.6 lumens
Beam Efficiency:	37.7%	Field Efficiency:	83.0%

Input Watts (W): 7.3
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: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 203-8LED2725-12-CS

Iso-Candela Plot



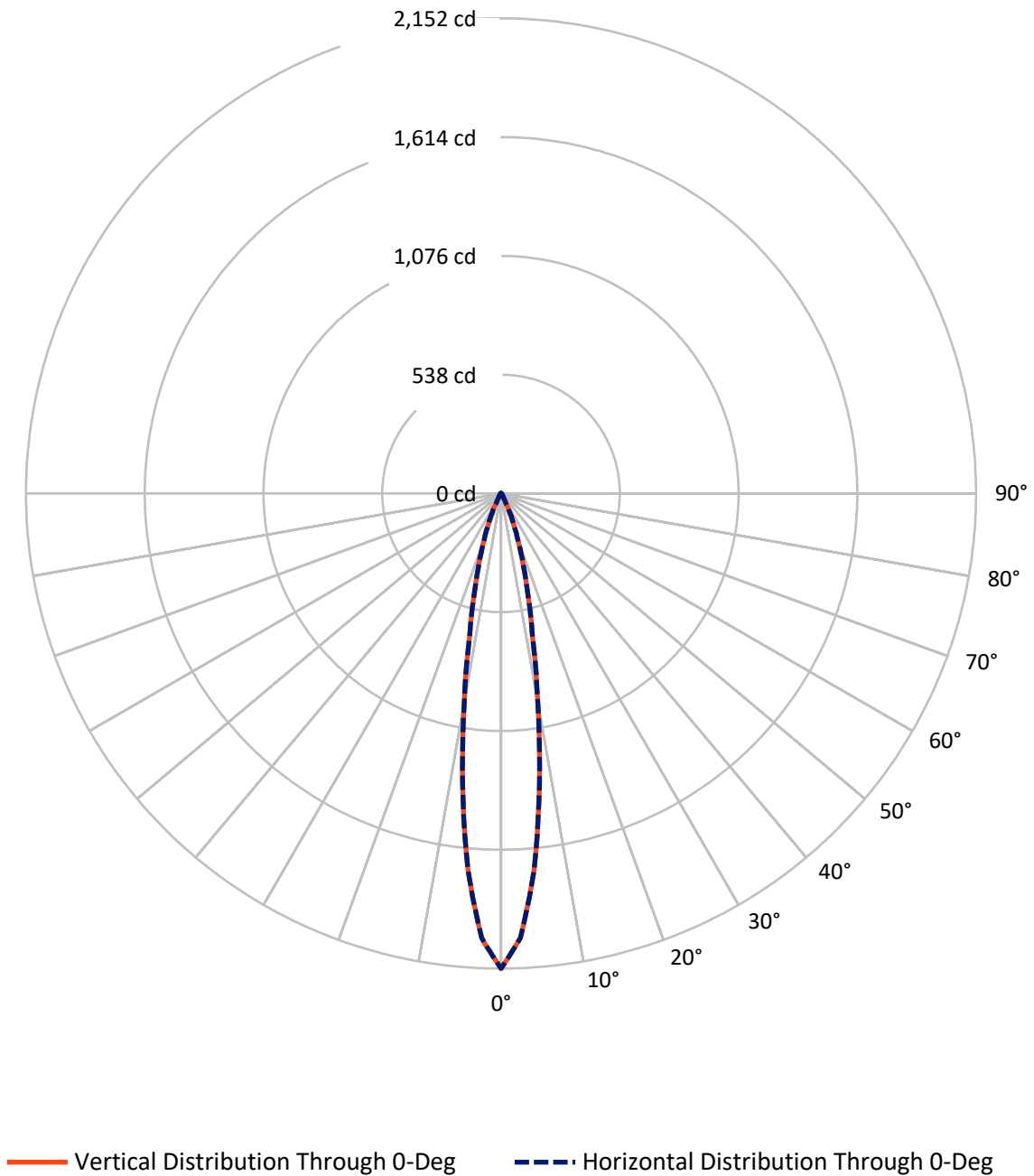
REPORT NUMBER: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS

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	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0		
40		0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.0		0.0	
30	0.0	0.0	0.0	0.1	0.1	0.3	1.2	2.7	2.7	1.2	0.3	0.1	0.1	0.0	0.0	0.0	
20		0.0	0.0	0.1	0.2	1.2	5.9	13.3	13.3	5.9	1.2	0.2	0.1	0.0	0.0		
10	0.0	0.0	0.0	0.1	0.3	2.5	12.9	39.4	39.4	12.9	2.5	0.3	0.1	0.0	0.0	0.0	
0		0.0	0.0	0.1	0.3	2.5	12.9	39.4	39.4	12.9	2.5	0.3	0.1	0.0	0.0		
-10	0.0	0.0	0.0	0.1	0.3	2.5	12.9	39.4	39.4	12.9	2.5	0.3	0.1	0.0	0.0	0.0	
-20		0.0	0.0	0.1	0.2	1.2	5.9	13.3	13.3	5.9	1.2	0.2	0.1	0.0	0.0		
-30	0.0	0.0	0.0	0.1	0.1	0.3	1.2	2.7	2.7	1.2	0.3	0.1	0.1	0.0	0.0	0.0	
-40		0.0	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.0	0.0		
-50	0.0	0.0	0.0	0.0	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	0.0	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	

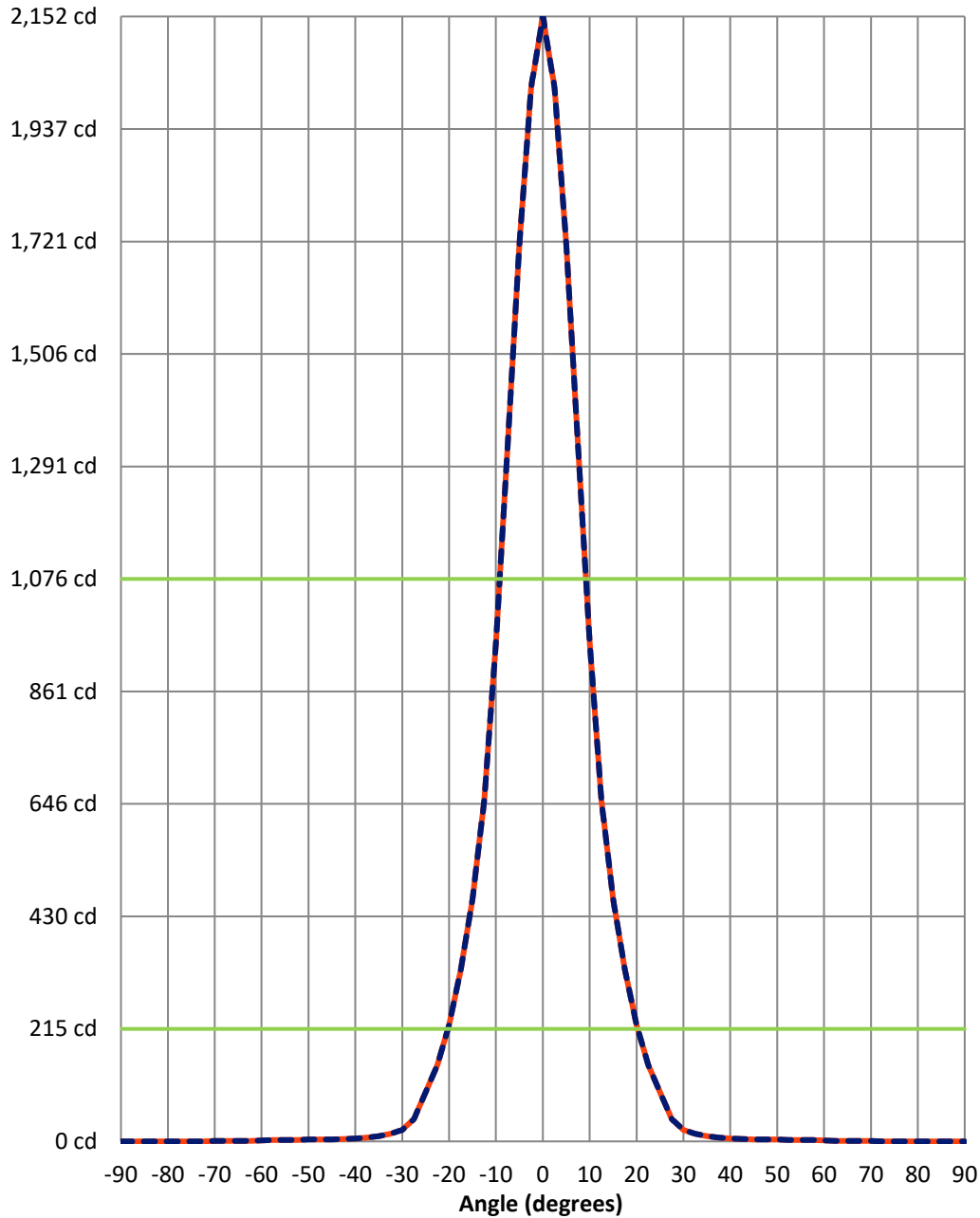
REPORT NUMBER: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 203-8LED2725-12-CS

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 18.4°
 V Angle: 18.4°
 Lumens: 123.9
 Efficiency: 37.7%

Field:
 H Angle: 40.5°
 V Angle: 40.5°
 Lumens: 272.6
 Efficiency: 83.0%

Spill:
 Lumens: 56
 Efficiency: 17.0%

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



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 CATALOG NUMBER: 203-8LED2725-12-CS

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



REPORT NUMBER: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 203-8LED2725-12-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	0	1	1
-25°	0	0	0	0	0	0	0	0	0	1	1
-27.5°	0	0	0	0	0	0	0	0	0	1	1
-30°	0	0	0	0	0	0	0	0	0	1	1
-32.5°	0	0	0	0	0	0	0	0	0	0	1
-35°	0	0	0	0	0	0	0	0	0	0	1
-37.5°	0	0	0	0	0	0	0	0	0	0	1
-40°	0	0	0	0	0	0	0	0	0	0	1
-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: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-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	0	0
65°	0	0	0	0	0	0	0	0	0	1	1
62.5°	0	0	0	0	0	0	0	1	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	1	1	1	1	1	1	1
55°	0	0	0	1	1	1	1	1	1	1	1
52.5°	0	0	1	1	1	1	1	1	1	1	1
50°	0	0	1	1	1	1	1	1	1	2	2
47.5°	0	1	1	1	1	1	1	1	2	2	3
45°	1	1	1	1	1	1	1	2	2	3	3
42.5°	1	1	1	1	1	1	2	2	3	3	3
40°	1	1	1	1	1	2	2	3	3	3	3
37.5°	1	1	1	1	1	2	3	3	3	3	3
35°	1	1	1	1	2	2	3	3	3	3	4
32.5°	1	1	1	1	2	3	3	3	3	4	4
30°	1	1	1	2	2	3	3	3	4	4	4
27.5°	1	1	1	2	3	3	3	3	4	4	4
25°	1	1	1	2	3	3	3	4	4	4	4
22.5°	1	1	2	3	3	3	3	4	4	4	4
20°	1	1	2	3	3	3	3	4	4	4	5
17.5°	1	1	2	3	3	3	4	4	4	4	5
15°	1	1	2	3	3	3	4	4	4	5	6
12.5°	1	2	2	3	3	3	4	4	4	5	6
10°	1	2	3	3	3	3	4	4	4	5	6
7.5°	1	2	3	3	3	4	4	4	4	5	7
5°	1	2	3	3	3	4	4	4	5	5	7
2.5°	1	2	3	3	3	4	4	4	5	5	7
0°	1	2	3	3	3	4	4	4	5	6	7
-2.5°	1	2	3	3	3	4	4	4	5	5	7
-5°	1	2	3	3	3	4	4	4	5	5	7
-7.5°	1	2	3	3	3	4	4	4	4	5	7
-10°	1	2	3	3	3	3	4	4	4	5	6
-12.5°	1	2	2	3	3	3	4	4	4	5	6
-15°	1	1	2	3	3	3	4	4	4	5	6
-17.5°	1	1	2	3	3	3	4	4	4	4	5
-20°	1	1	2	3	3	3	3	4	4	4	5



REPORT NUMBER: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1	1	2	3	3	3	3	4	4	4	4
-25°	1	1	1	2	3	3	3	4	4	4	4
-27.5°	1	1	1	2	3	3	3	3	4	4	4
-30°	1	1	1	2	2	3	3	3	4	4	4
-32.5°	1	1	1	1	2	3	3	3	3	4	4
-35°	1	1	1	1	2	2	3	3	3	3	4
-37.5°	1	1	1	1	1	2	3	3	3	3	3
-40°	1	1	1	1	1	2	2	3	3	3	3
-42.5°	1	1	1	1	1	1	2	2	3	3	3
-45°	1	1	1	1	1	1	1	2	2	3	3
-47.5°	0	1	1	1	1	1	1	1	2	2	3
-50°	0	0	1	1	1	1	1	1	1	2	2
-52.5°	0	0	1	1	1	1	1	1	1	1	1
-55°	0	0	0	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	1	1	1	1	1
-62.5°	0	0	0	0	0	0	0	1	1	1	1
-65°	0	0	0	0	0	0	0	0	0	1	1
-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: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-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	0	0	0	0	0
70°	0	0	0	0	0	0	0	1	1	1	1
67.5°	0	0	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	3
55°	1	1	2	2	2	3	3	3	3	3	3
52.5°	2	2	2	3	3	3	3	3	3	3	3
50°	2	3	3	3	3	3	3	3	3	3	3
47.5°	3	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	4	4	4
40°	3	4	4	4	4	4	4	4	5	5	5
37.5°	4	4	4	4	4	4	5	5	6	6	6
35°	4	4	4	4	5	5	6	6	7	8	9
32.5°	4	4	4	5	5	6	7	8	10	11	12
30°	4	4	5	6	7	8	9	11	13	15	18
27.5°	4	5	6	7	8	10	13	15	19	22	29
25°	5	5	7	8	10	13	17	21	31	41	57
22.5°	5	6	8	10	13	18	24	37	57	82	104
20°	6	7	9	13	17	24	39	67	98	126	153
17.5°	6	8	11	15	21	37	67	103	138	180	220
15°	7	10	13	19	31	57	98	138	189	247	309
12.5°	8	11	15	22	41	82	126	180	247	324	412
10°	9	12	18	29	57	104	153	220	309	412	531
7.5°	9	13	19	35	73	122	183	265	370	498	655
5°	10	14	21	39	85	135	205	300	421	581	814
2.5°	10	14	22	42	92	143	218	321	453	634	918
0°	10	15	22	43	94	146	223	329	464	653	955
-2.5°	10	14	22	42	92	143	218	321	453	634	918
-5°	10	14	21	39	85	135	205	300	421	581	814
-7.5°	9	13	19	35	73	122	183	265	370	498	655
-10°	9	12	18	29	57	104	153	220	309	412	531
-12.5°	8	11	15	22	41	82	126	180	247	324	412
-15°	7	10	13	19	31	57	98	138	189	247	309
-17.5°	6	8	11	15	21	37	67	103	138	180	220
-20°	6	7	9	13	17	24	39	67	98	126	153



REPORT NUMBER: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5	6	8	10	13	18	24	37	57	82	104
-25°	5	5	7	8	10	13	17	21	31	41	57
-27.5°	4	5	6	7	8	10	13	15	19	22	29
-30°	4	4	5	6	7	8	9	11	13	15	18
-32.5°	4	4	4	5	5	6	7	8	10	11	12
-35°	4	4	4	4	5	5	6	6	7	8	9
-37.5°	4	4	4	4	4	4	5	5	6	6	6
-40°	3	4	4	4	4	4	4	4	5	5	5
-42.5°	3	3	4	4	4	4	4	4	4	4	4
-45°	3	3	3	3	4	4	4	4	4	4	4
-47.5°	3	3	3	3	3	3	3	4	4	4	4
-50°	2	3	3	3	3	3	3	3	3	3	3
-52.5°	2	2	2	3	3	3	3	3	3	3	3
-55°	1	1	2	2	2	3	3	3	3	3	3
-57.5°	1	1	1	1	1	2	2	2	2	2	3
-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°	0	0	1	1	1	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: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-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°	0	0	0	0	0	0	0	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	2	2	2	2	2	2	1	1
57.5°	3	3	3	3	3	3	3	3	2	2	2
55°	3	3	3	3	3	3	3	3	3	3	3
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	4	4	4	4	4	4	4	4	4	4
42.5°	4	5	5	5	5	5	4	4	4	4	4
40°	5	5	5	6	5	5	5	5	5	5	4
37.5°	7	7	7	7	7	7	7	6	6	6	5
35°	9	10	10	10	10	10	9	9	8	7	6
32.5°	13	14	14	15	14	14	13	12	11	10	8
30°	19	21	22	22	22	21	19	18	15	13	11
27.5°	35	39	42	43	42	39	35	29	22	19	15
25°	73	85	92	94	92	85	73	57	41	31	21
22.5°	122	135	143	146	143	135	122	104	82	57	37
20°	183	205	218	223	218	205	183	153	126	98	67
17.5°	265	300	321	329	321	300	265	220	180	138	103
15°	370	421	453	464	453	421	370	309	247	189	138
12.5°	498	581	634	653	634	581	498	412	324	247	180
10°	655	814	918	955	918	814	655	531	412	309	220
7.5°	883	1102	1268	1332	1268	1102	883	655	498	370	265
5°	1102	1401	1628	1715	1628	1401	1102	814	581	421	300
2.5°	1268	1628	1907	2015	1907	1628	1268	918	634	453	321
0°	1332	1715	2015	2152	2015	1715	1332	955	653	464	329
-2.5°	1268	1628	1907	2015	1907	1628	1268	918	634	453	321
-5°	1102	1401	1628	1715	1628	1401	1102	814	581	421	300
-7.5°	883	1102	1268	1332	1268	1102	883	655	498	370	265
-10°	655	814	918	955	918	814	655	531	412	309	220
-12.5°	498	581	634	653	634	581	498	412	324	247	180
-15°	370	421	453	464	453	421	370	309	247	189	138
-17.5°	265	300	321	329	321	300	265	220	180	138	103
-20°	183	205	218	223	218	205	183	153	126	98	67



REPORT NUMBER: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	122	135	143	146	143	135	122	104	82	57	37
-25°	73	85	92	94	92	85	73	57	41	31	21
-27.5°	35	39	42	43	42	39	35	29	22	19	15
-30°	19	21	22	22	22	21	19	18	15	13	11
-32.5°	13	14	14	15	14	14	13	12	11	10	8
-35°	9	10	10	10	10	10	9	9	8	7	6
-37.5°	7	7	7	7	7	7	7	6	6	6	5
-40°	5	5	5	6	5	5	5	5	5	5	4
-42.5°	4	5	5	5	5	5	4	4	4	4	4
-45°	4	4	4	4	4	4	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	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	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°	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: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-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°	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	0	0	0	0	0	0
65°	1	1	1	1	1	1	1	1	1	0	0
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°	3	3	2	2	2	1	1	1	1	1	1
52.5°	3	3	3	3	2	2	2	1	1	1	1
50°	3	3	3	3	3	3	2	2	2	1	1
47.5°	3	3	3	3	3	3	3	3	2	2	1
45°	4	4	4	3	3	3	3	3	3	2	2
42.5°	4	4	4	4	4	3	3	3	3	3	2
40°	4	4	4	4	4	4	3	3	3	3	3
37.5°	5	4	4	4	4	4	4	3	3	3	3
35°	6	5	5	4	4	4	4	4	3	3	3
32.5°	7	6	5	5	4	4	4	4	4	3	3
30°	9	8	7	6	5	4	4	4	4	4	3
27.5°	13	10	8	7	6	5	4	4	4	4	3
25°	17	13	10	8	7	5	5	4	4	4	4
22.5°	24	18	13	10	8	6	5	4	4	4	4
20°	39	24	17	13	9	7	6	5	4	4	4
17.5°	67	37	21	15	11	8	6	5	4	4	4
15°	98	57	31	19	13	10	7	6	5	4	4
12.5°	126	82	41	22	15	11	8	6	5	4	4
10°	153	104	57	29	18	12	9	6	5	4	4
7.5°	183	122	73	35	19	13	9	7	5	4	4
5°	205	135	85	39	21	14	10	7	5	5	4
2.5°	218	143	92	42	22	14	10	7	5	5	4
0°	223	146	94	43	22	15	10	7	6	5	4
-2.5°	218	143	92	42	22	14	10	7	5	5	4
-5°	205	135	85	39	21	14	10	7	5	5	4
-7.5°	183	122	73	35	19	13	9	7	5	4	4
-10°	153	104	57	29	18	12	9	6	5	4	4
-12.5°	126	82	41	22	15	11	8	6	5	4	4
-15°	98	57	31	19	13	10	7	6	5	4	4
-17.5°	67	37	21	15	11	8	6	5	4	4	4
-20°	39	24	17	13	9	7	6	5	4	4	4



REPORT NUMBER: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 203-8LED2725-12-CS

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	24	18	13	10	8	6	5	4	4	4	4
-25°	17	13	10	8	7	5	5	4	4	4	4
-27.5°	13	10	8	7	6	5	4	4	4	4	3
-30°	9	8	7	6	5	4	4	4	4	4	3
-32.5°	7	6	5	5	4	4	4	4	4	3	3
-35°	6	5	5	4	4	4	4	4	3	3	3
-37.5°	5	4	4	4	4	4	4	3	3	3	3
-40°	4	4	4	4	4	4	3	3	3	3	3
-42.5°	4	4	4	4	4	3	3	3	3	3	2
-45°	4	4	4	3	3	3	3	3	3	2	2
-47.5°	3	3	3	3	3	3	3	3	2	2	1
-50°	3	3	3	3	3	3	2	2	2	1	1
-52.5°	3	3	3	3	2	2	2	1	1	1	1
-55°	3	3	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	0	0
-67.5°	1	1	1	1	1	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: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-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°	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	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	0	0	0	0	0	0	0
52.5°	1	1	1	1	1	0	0	0	0	0	0
50°	1	1	1	1	1	0	0	0	0	0	0
47.5°	1	1	1	1	1	1	0	0	0	0	0
45°	1	1	1	1	1	1	1	0	0	0	0
42.5°	2	1	1	1	1	1	1	0	0	0	0
40°	2	2	1	1	1	1	1	1	0	0	0
37.5°	3	2	1	1	1	1	1	1	0	0	0
35°	3	2	2	1	1	1	1	1	0	0	0
32.5°	3	3	2	1	1	1	1	1	0	0	0
30°	3	3	2	2	1	1	1	1	1	0	0
27.5°	3	3	3	2	1	1	1	1	1	0	0
25°	3	3	3	2	1	1	1	1	1	0	0
22.5°	3	3	3	3	2	1	1	1	1	0	0
20°	3	3	3	3	2	1	1	1	1	0	0
17.5°	4	3	3	3	2	1	1	1	1	1	0
15°	4	3	3	3	2	1	1	1	1	1	0
12.5°	4	3	3	3	2	2	1	1	1	1	0
10°	4	3	3	3	3	2	1	1	1	1	0
7.5°	4	4	3	3	3	2	1	1	1	1	0
5°	4	4	3	3	3	2	1	1	1	1	0
2.5°	4	4	3	3	3	2	1	1	1	1	0
0°	4	4	3	3	3	2	1	1	1	1	0
-2.5°	4	4	3	3	3	2	1	1	1	1	0
-5°	4	4	3	3	3	2	1	1	1	1	0
-7.5°	4	4	3	3	3	2	1	1	1	1	0
-10°	4	3	3	3	3	2	1	1	1	1	0
-12.5°	4	3	3	3	2	2	1	1	1	1	0
-15°	4	3	3	3	2	1	1	1	1	1	0
-17.5°	4	3	3	3	2	1	1	1	1	1	0
-20°	3	3	3	3	2	1	1	1	1	0	0



REPORT NUMBER: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-CS

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3	3	3	3	2	1	1	1	1	0	0
-25°	3	3	3	2	1	1	1	1	1	0	0
-27.5°	3	3	3	2	1	1	1	1	1	0	0
-30°	3	3	2	2	1	1	1	1	1	0	0
-32.5°	3	3	2	1	1	1	1	1	0	0	0
-35°	3	2	2	1	1	1	1	1	0	0	0
-37.5°	3	2	1	1	1	1	1	1	0	0	0
-40°	2	2	1	1	1	1	1	1	0	0	0
-42.5°	2	1	1	1	1	1	1	0	0	0	0
-45°	1	1	1	1	1	1	1	0	0	0	0
-47.5°	1	1	1	1	1	1	0	0	0	0	0
-50°	1	1	1	1	1	0	0	0	0	0	0
-52.5°	1	1	1	1	1	0	0	0	0	0	0
-55°	1	1	1	1	0	0	0	0	0	0	0
-57.5°	1	1	1	0	0	0	0	0	0	0	0
-60°	1	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: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED2725-12-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: P247021 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 203-8LED2725-12-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)