

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: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **206-8LED2725-12-XX-DIF**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-28)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 206-8LED2725-12-XX-DIF
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD BLACK, DIFFUSED LENS
Light Source: (1) SORAA 2700K 95 CRI 25°NFL LED
SM16-07-25D-927-03
Ballast/Driver: CHROMA POWER SUPPLY IN0004

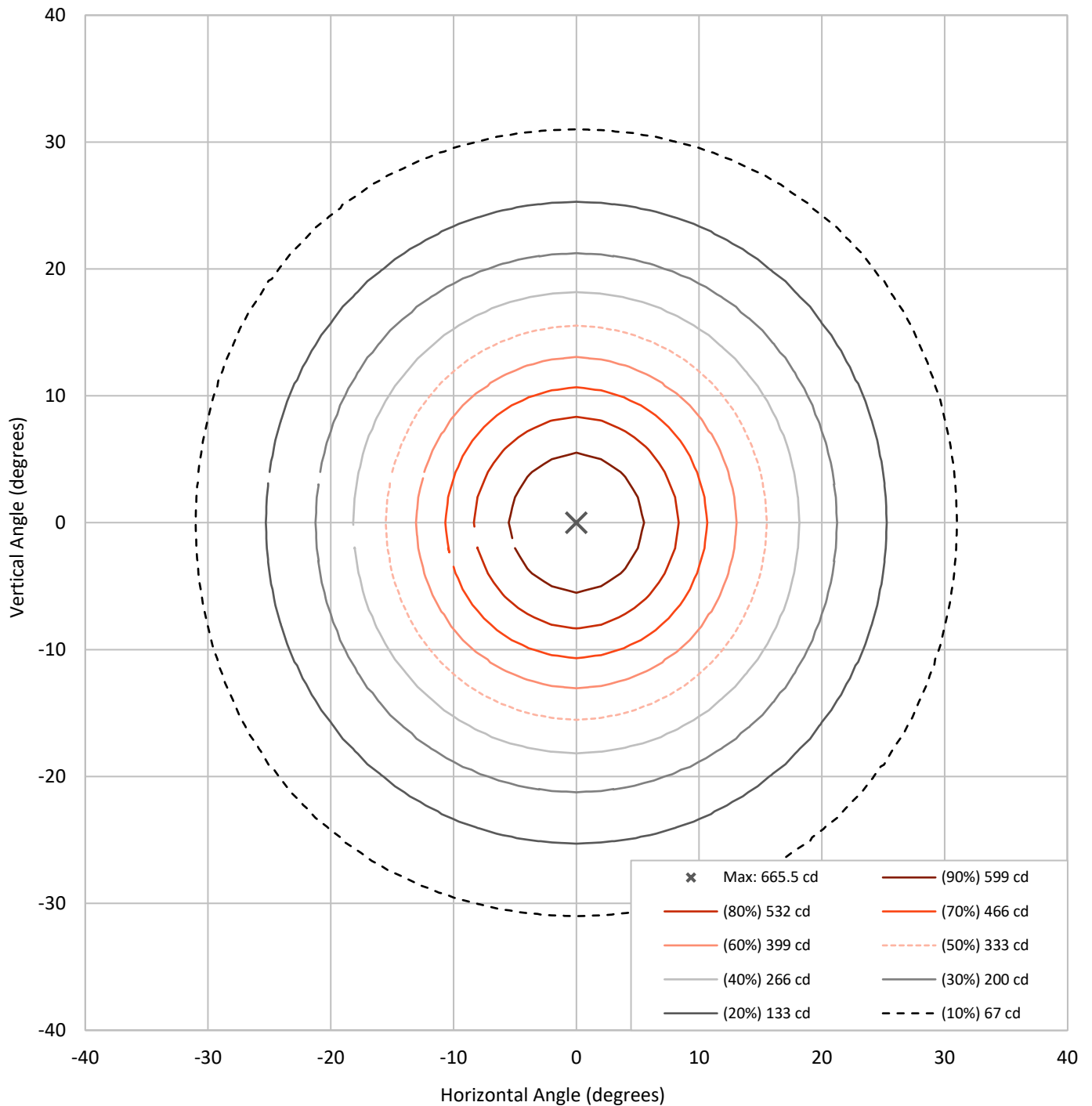
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	243.7 lumens	Max Intensity:	665.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	30.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	31°H x 31°V	Field Angle (10%):	62°H x 62°V
Beam Lumens:	106.7 lumens	Field Lumens:	215.3 lumens
Beam Efficiency:	43.8%	Field Efficiency:	88.3%
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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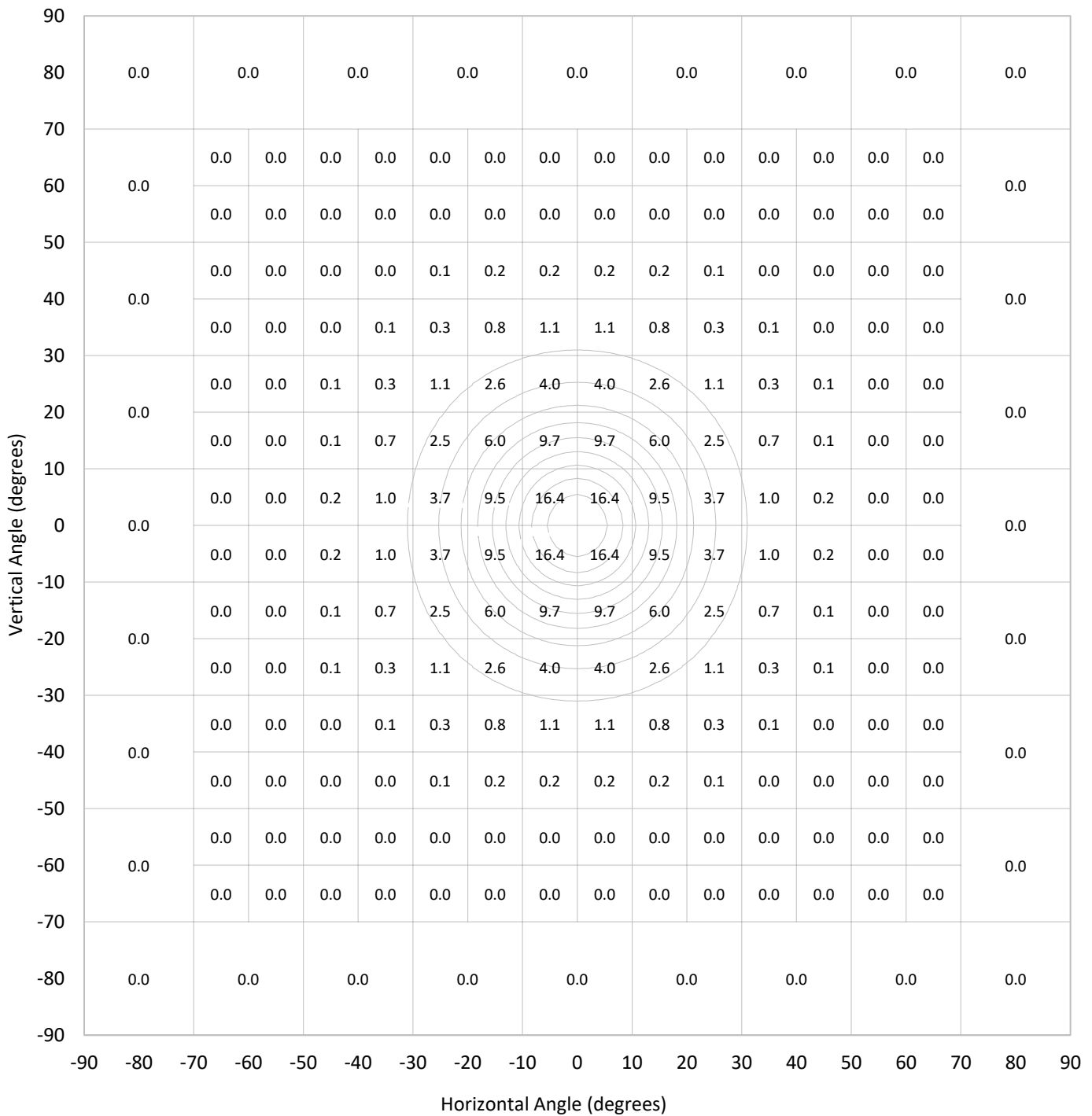
Iso-Candela Plot





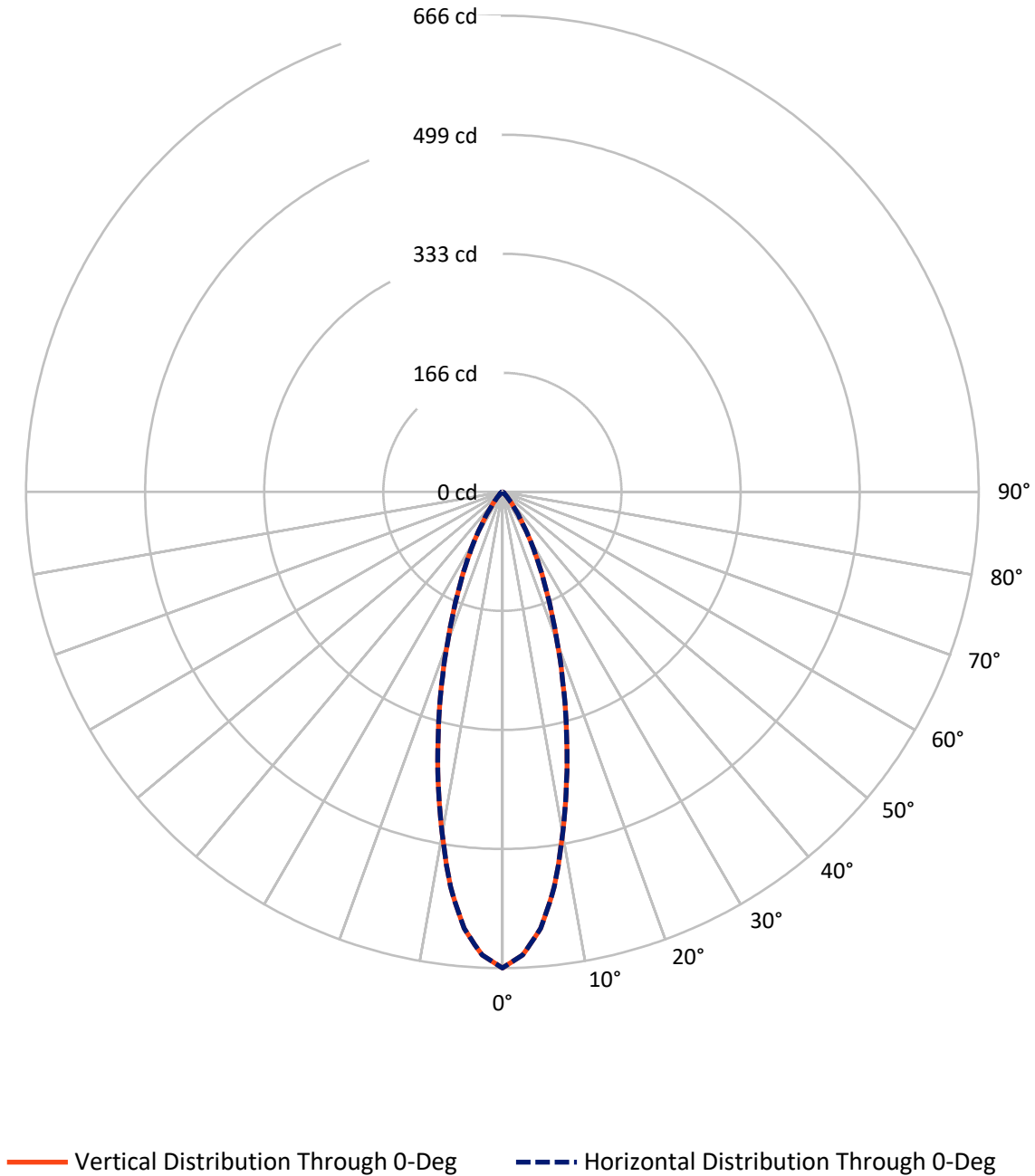
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Lumen Table



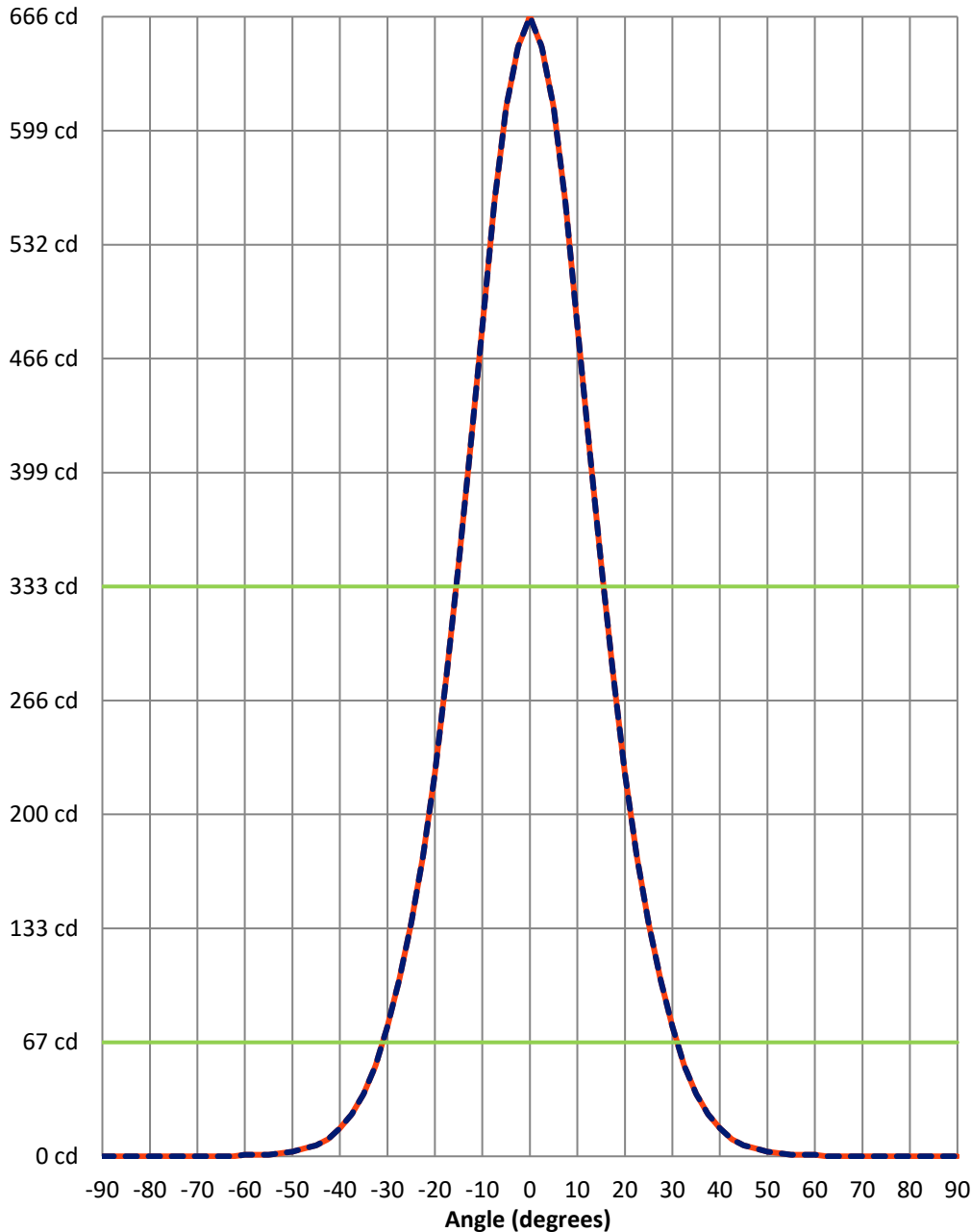
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 31°
V Angle: 31°
Lumens: 106.7
Efficiency: 43.8%

Field:
H Angle: 62°
V Angle: 62°
Lumens: 215.3
Efficiency: 88.3%

Spill:
Lumens: 28.4
Efficiency: 11.7%

— 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	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: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED2725-12-XX-DIF

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: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
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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	2
37.5°	0	0	0	0	0	1	1	1	1	2	2
35°	0	0	0	0	1	1	1	1	2	2	3
32.5°	0	0	0	1	1	1	1	1	2	3	4
30°	0	0	0	1	1	1	1	2	3	4	5
27.5°	0	0	0	1	1	1	2	2	3	5	6
25°	0	0	1	1	1	1	2	3	4	6	8
22.5°	0	0	1	1	1	1	2	3	5	6	9
20°	0	0	1	1	1	2	2	4	6	8	12
17.5°	0	0	1	1	1	2	3	5	6	9	14
15°	0	0	1	1	1	2	3	5	7	11	16
12.5°	0	1	1	1	1	2	4	5	8	12	19
10°	0	1	1	1	2	2	4	6	9	14	21
7.5°	0	1	1	1	2	3	4	6	9	15	23
5°	0	1	1	1	2	3	4	6	10	16	24
2.5°	0	1	1	1	2	3	5	6	10	16	24
0°	0	1	1	1	2	3	5	6	10	16	25
-2.5°	0	1	1	1	2	3	5	6	10	16	24
-5°	0	1	1	1	2	3	4	6	10	16	24
-7.5°	0	1	1	1	2	3	4	6	9	15	23
-10°	0	1	1	1	2	2	4	6	9	14	21
-12.5°	0	1	1	1	1	2	4	5	8	12	19
-15°	0	0	1	1	1	2	3	5	7	11	16
-17.5°	0	0	1	1	1	2	3	5	6	9	14
-20°	0	0	1	1	1	2	2	4	6	8	12



REPORT NUMBER: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED2725-12-XX-DIF

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	2	3	5	6	9
-25°	0	0	1	1	1	1	2	3	4	6	8
-27.5°	0	0	0	1	1	1	2	2	3	5	6
-30°	0	0	0	1	1	1	1	2	3	4	5
-32.5°	0	0	0	1	1	1	1	1	2	3	4
-35°	0	0	0	0	1	1	1	1	2	2	3
-37.5°	0	0	0	0	0	1	1	1	1	2	2
-40°	0	0	0	0	0	1	1	1	1	1	2
-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: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED2725-12-XX-DIF

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	2
50°	1	1	1	1	1	1	2	2	2	2	2
47.5°	1	1	1	2	2	2	2	3	3	4	4
45°	1	1	2	2	3	3	4	5	5	5	6
42.5°	2	2	3	3	4	5	6	6	7	8	9
40°	2	3	4	5	6	6	8	9	11	12	14
37.5°	3	4	5	6	8	9	12	14	16	19	21
35°	4	5	7	9	11	14	17	21	24	27	31
32.5°	5	7	9	12	16	20	24	30	34	39	44
30°	7	9	13	17	22	28	34	41	48	55	62
27.5°	9	12	17	23	29	37	46	55	66	76	85
25°	11	16	22	29	38	49	61	74	88	100	112
22.5°	14	20	28	37	49	63	78	95	112	128	144
20°	17	24	34	46	61	78	98	118	139	160	180
17.5°	21	30	41	55	74	95	118	143	169	197	222
15°	24	34	48	66	88	112	139	169	203	237	271
12.5°	27	39	55	76	100	128	160	197	237	280	322
10°	31	44	62	85	112	144	180	222	271	322	370
7.5°	33	48	68	93	122	157	198	247	302	358	415
5°	35	51	72	99	130	167	212	266	326	388	452
2.5°	36	52	75	102	134	173	221	278	341	408	476
0°	37	53	76	103	136	175	224	282	346	414	485
-2.5°	36	52	75	102	134	173	221	278	341	408	476
-5°	35	51	72	99	130	167	212	266	326	388	452
-7.5°	33	48	68	93	122	157	198	247	302	358	415
-10°	31	44	62	85	112	144	180	222	271	322	370
-12.5°	27	39	55	76	100	128	160	197	237	280	322
-15°	24	34	48	66	88	112	139	169	203	237	271
-17.5°	21	30	41	55	74	95	118	143	169	197	222
-20°	17	24	34	46	61	78	98	118	139	160	180



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	14	20	28	37	49	63	78	95	112	128	144
-25°	11	16	22	29	38	49	61	74	88	100	112
-27.5°	9	12	17	23	29	37	46	55	66	76	85
-30°	7	9	13	17	22	28	34	41	48	55	62
-32.5°	5	7	9	12	16	20	24	30	34	39	44
-35°	4	5	7	9	11	14	17	21	24	27	31
-37.5°	3	4	5	6	8	9	12	14	16	19	21
-40°	2	3	4	5	6	6	8	9	11	12	14
-42.5°	2	2	3	3	4	5	6	6	7	8	9
-45°	1	1	2	2	3	3	4	5	5	5	6
-47.5°	1	1	1	2	2	2	2	3	3	4	4
-50°	1	1	1	1	1	1	2	2	2	2	2
-52.5°	1	1	1	1	1	1	1	1	1	1	2
-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: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED2725-12-XX-DIF

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°	2	2	2	2	2	2	2	2	1	1	1
50°	3	3	3	3	3	3	3	2	2	2	2
47.5°	4	4	5	5	5	4	4	4	4	3	3
45°	6	6	6	6	6	6	6	6	5	5	5
42.5°	9	10	10	10	10	10	9	9	8	7	6
40°	15	16	16	16	16	16	15	14	12	11	9
37.5°	23	24	24	25	24	24	23	21	19	16	14
35°	33	35	36	37	36	35	33	31	27	24	21
32.5°	48	51	52	53	52	51	48	44	39	34	30
30°	68	72	75	76	75	72	68	62	55	48	41
27.5°	93	99	102	103	102	99	93	85	76	66	55
25°	122	130	134	136	134	130	122	112	100	88	74
22.5°	157	167	173	175	173	167	157	144	128	112	95
20°	198	212	221	224	221	212	198	180	160	139	118
17.5°	247	266	278	282	278	266	247	222	197	169	143
15°	302	326	341	346	341	326	302	271	237	203	169
12.5°	358	388	408	414	408	388	358	322	280	237	197
10°	415	452	476	485	476	452	415	370	322	271	222
7.5°	468	515	546	556	546	515	468	415	358	302	247
5°	515	568	601	613	601	568	515	452	388	326	266
2.5°	546	601	635	648	635	601	546	476	408	341	278
0°	556	613	648	666	648	613	556	485	414	346	282
-2.5°	546	601	635	648	635	601	546	476	408	341	278
-5°	515	568	601	613	601	568	515	452	388	326	266
-7.5°	468	515	546	556	546	515	468	415	358	302	247
-10°	415	452	476	485	476	452	415	370	322	271	222
-12.5°	358	388	408	414	408	388	358	322	280	237	197
-15°	302	326	341	346	341	326	302	271	237	203	169
-17.5°	247	266	278	282	278	266	247	222	197	169	143
-20°	198	212	221	224	221	212	198	180	160	139	118



REPORT NUMBER: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	157	167	173	175	173	167	157	144	128	112	95
-25°	122	130	134	136	134	130	122	112	100	88	74
-27.5°	93	99	102	103	102	99	93	85	76	66	55
-30°	68	72	75	76	75	72	68	62	55	48	41
-32.5°	48	51	52	53	52	51	48	44	39	34	30
-35°	33	35	36	37	36	35	33	31	27	24	21
-37.5°	23	24	24	25	24	24	23	21	19	16	14
-40°	15	16	16	16	16	16	15	14	12	11	9
-42.5°	9	10	10	10	10	10	9	9	8	7	6
-45°	6	6	6	6	6	6	6	6	5	5	5
-47.5°	4	4	5	5	5	4	4	4	4	3	3
-50°	3	3	3	3	3	3	3	2	2	2	2
-52.5°	2	2	2	2	2	2	2	2	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: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED2725-12-XX-DIF

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°	2	1	1	1	1	1	1	1	1	0	0
47.5°	2	2	2	2	1	1	1	1	1	1	0
45°	4	3	3	2	2	1	1	1	1	1	1
42.5°	6	5	4	3	3	2	2	1	1	1	1
40°	8	6	6	5	4	3	2	2	1	1	1
37.5°	12	9	8	6	5	4	3	2	2	1	1
35°	17	14	11	9	7	5	4	3	2	2	1
32.5°	24	20	16	12	9	7	5	4	3	2	1
30°	34	28	22	17	13	9	7	5	4	3	2
27.5°	46	37	29	23	17	12	9	6	5	3	2
25°	61	49	38	29	22	16	11	8	6	4	3
22.5°	78	63	49	37	28	20	14	9	6	5	3
20°	98	78	61	46	34	24	17	12	8	6	4
17.5°	118	95	74	55	41	30	21	14	9	6	5
15°	139	112	88	66	48	34	24	16	11	7	5
12.5°	160	128	100	76	55	39	27	19	12	8	5
10°	180	144	112	85	62	44	31	21	14	9	6
7.5°	198	157	122	93	68	48	33	23	15	9	6
5°	212	167	130	99	72	51	35	24	16	10	6
2.5°	221	173	134	102	75	52	36	24	16	10	6
0°	224	175	136	103	76	53	37	25	16	10	6
-2.5°	221	173	134	102	75	52	36	24	16	10	6
-5°	212	167	130	99	72	51	35	24	16	10	6
-7.5°	198	157	122	93	68	48	33	23	15	9	6
-10°	180	144	112	85	62	44	31	21	14	9	6
-12.5°	160	128	100	76	55	39	27	19	12	8	5
-15°	139	112	88	66	48	34	24	16	11	7	5
-17.5°	118	95	74	55	41	30	21	14	9	6	5
-20°	98	78	61	46	34	24	17	12	8	6	4



REPORT NUMBER: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	78	63	49	37	28	20	14	9	6	5	3
-25°	61	49	38	29	22	16	11	8	6	4	3
-27.5°	46	37	29	23	17	12	9	6	5	3	2
-30°	34	28	22	17	13	9	7	5	4	3	2
-32.5°	24	20	16	12	9	7	5	4	3	2	1
-35°	17	14	11	9	7	5	4	3	2	2	1
-37.5°	12	9	8	6	5	4	3	2	2	1	1
-40°	8	6	6	5	4	3	2	2	1	1	1
-42.5°	6	5	4	3	3	2	2	1	1	1	1
-45°	4	3	3	2	2	1	1	1	1	1	1
-47.5°	2	2	2	2	1	1	1	1	1	1	0
-50°	2	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: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED2725-12-XX-DIF

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°	2	1	1	1	0	0	0	0	0	0	0
25°	2	1	1	1	1	0	0	0	0	0	0
22.5°	2	1	1	1	1	0	0	0	0	0	0
20°	2	2	1	1	1	0	0	0	0	0	0
17.5°	3	2	1	1	1	0	0	0	0	0	0
15°	3	2	1	1	1	0	0	0	0	0	0
12.5°	4	2	1	1	1	1	0	0	0	0	0
10°	4	2	2	1	1	1	0	0	0	0	0
7.5°	4	3	2	1	1	1	0	0	0	0	0
5°	4	3	2	1	1	1	0	0	0	0	0
2.5°	5	3	2	1	1	1	0	0	0	0	0
0°	5	3	2	1	1	1	0	0	0	0	0
-2.5°	5	3	2	1	1	1	0	0	0	0	0
-5°	4	3	2	1	1	1	0	0	0	0	0
-7.5°	4	3	2	1	1	1	0	0	0	0	0
-10°	4	2	2	1	1	1	0	0	0	0	0
-12.5°	4	2	1	1	1	1	0	0	0	0	0
-15°	3	2	1	1	1	0	0	0	0	0	0
-17.5°	3	2	1	1	1	0	0	0	0	0	0
-20°	2	2	1	1	1	0	0	0	0	0	0



REPORT NUMBER: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2	1	1	1	1	0	0	0	0	0	0
-25°	2	1	1	1	1	0	0	0	0	0	0
-27.5°	2	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: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED2725-12-XX-DIF

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: P247017 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 206-8LED2725-12-XX-DIF

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)