

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: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-45)  
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-LSL  
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 2700K CCT, 36 DEGREE WIDE OPTIC,  
REGRESSED HOOD SILVER, LINEAR SPREAD LENS  
Light Source: (1) SORAA 2700K 90 CRI LED  
SM16-07-36D-927-03  
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

**Summary**

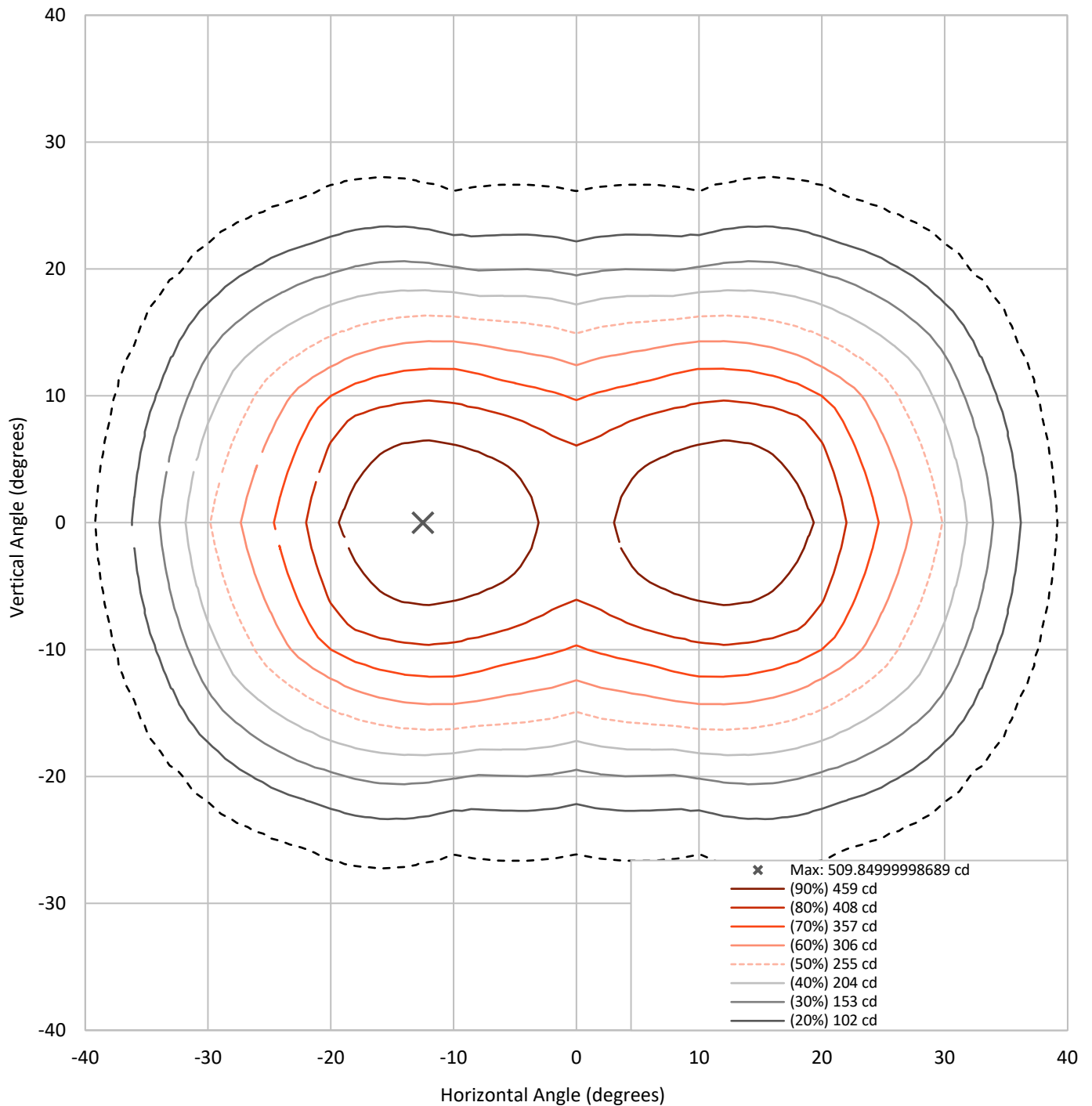
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	289.5 lumens	Max Intensity:	509.8 candela
Efficiency:	N/A	Max Intensity Angle:	-12.5°H x 0°V
Efficacy:	38.1 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	59.6°H x 32.7°V	Field Angle (10%):	78.4°H x 53.5°V
Beam Lumens:	186.5 lumens	Field Lumens:	265.3 lumens
Beam Efficiency:	64.4%	Field Efficiency:	91.7%
Input Watts (W):	7.6		
Input Voltage (V):	NR		
Input Current (A <sub>in</sub> ):	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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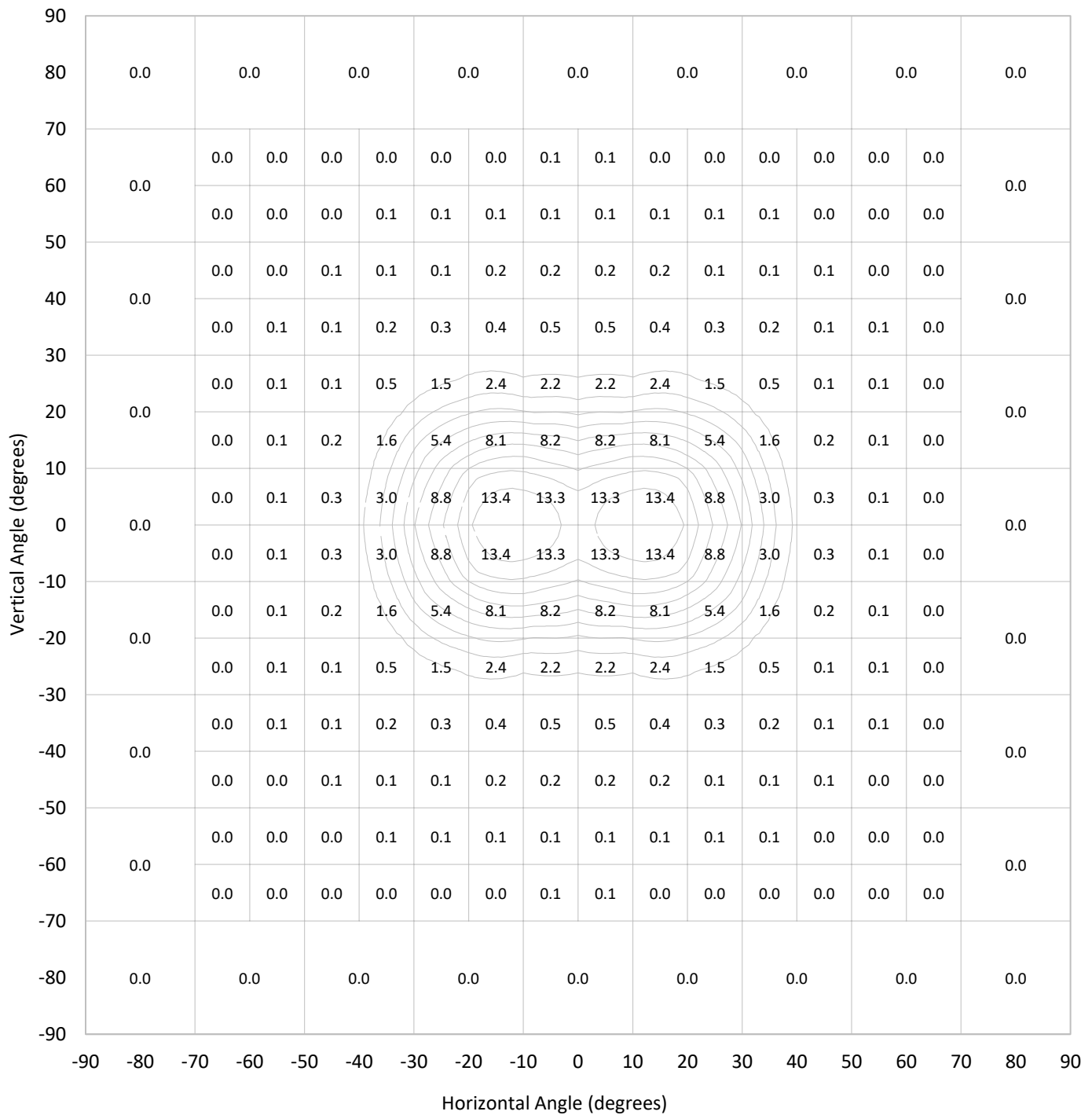
CATALOG NUMBER: 203-8LED2736-12-CS-LSL

### Iso-Candela Plot



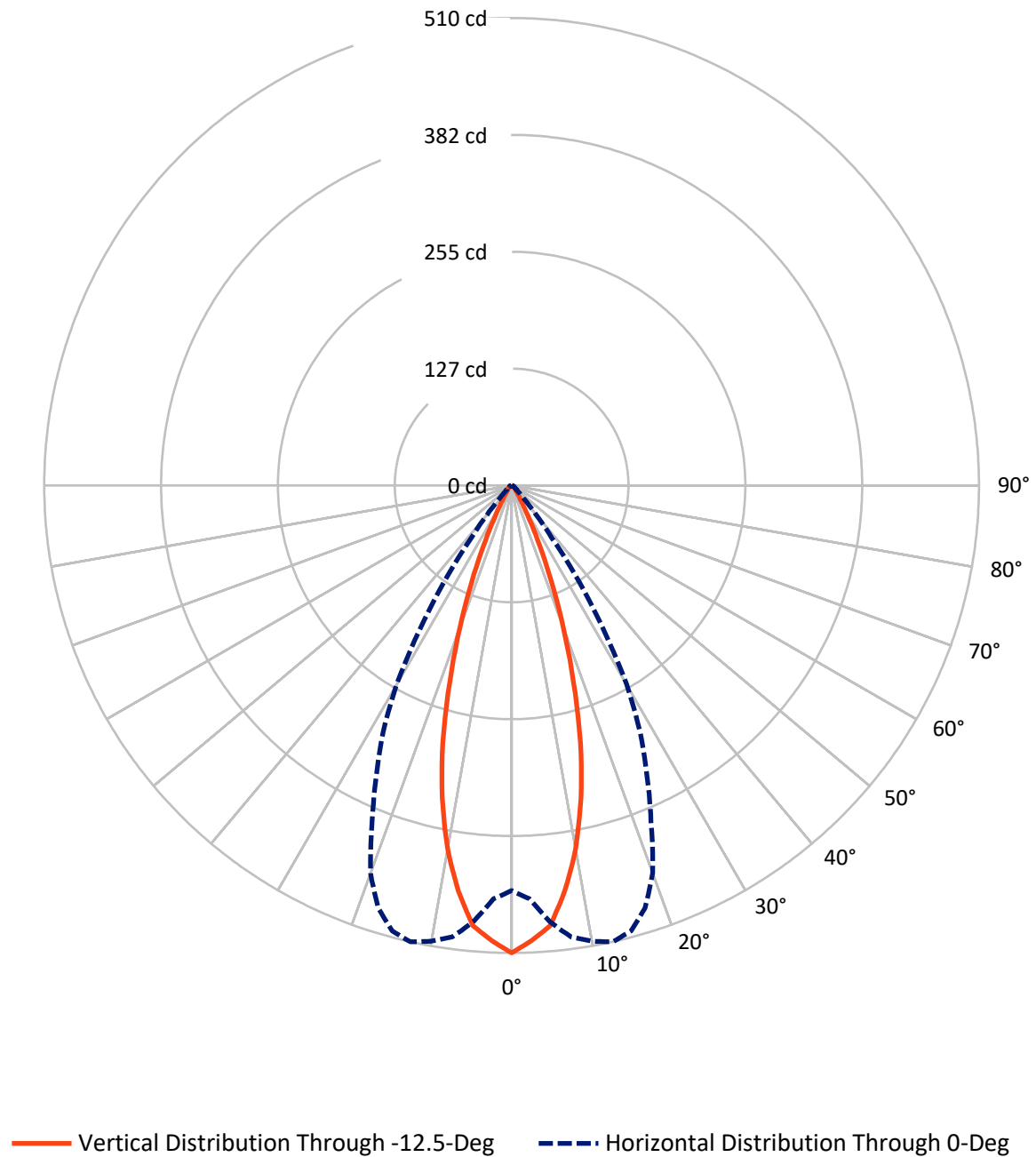
REPORT NUMBER: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table



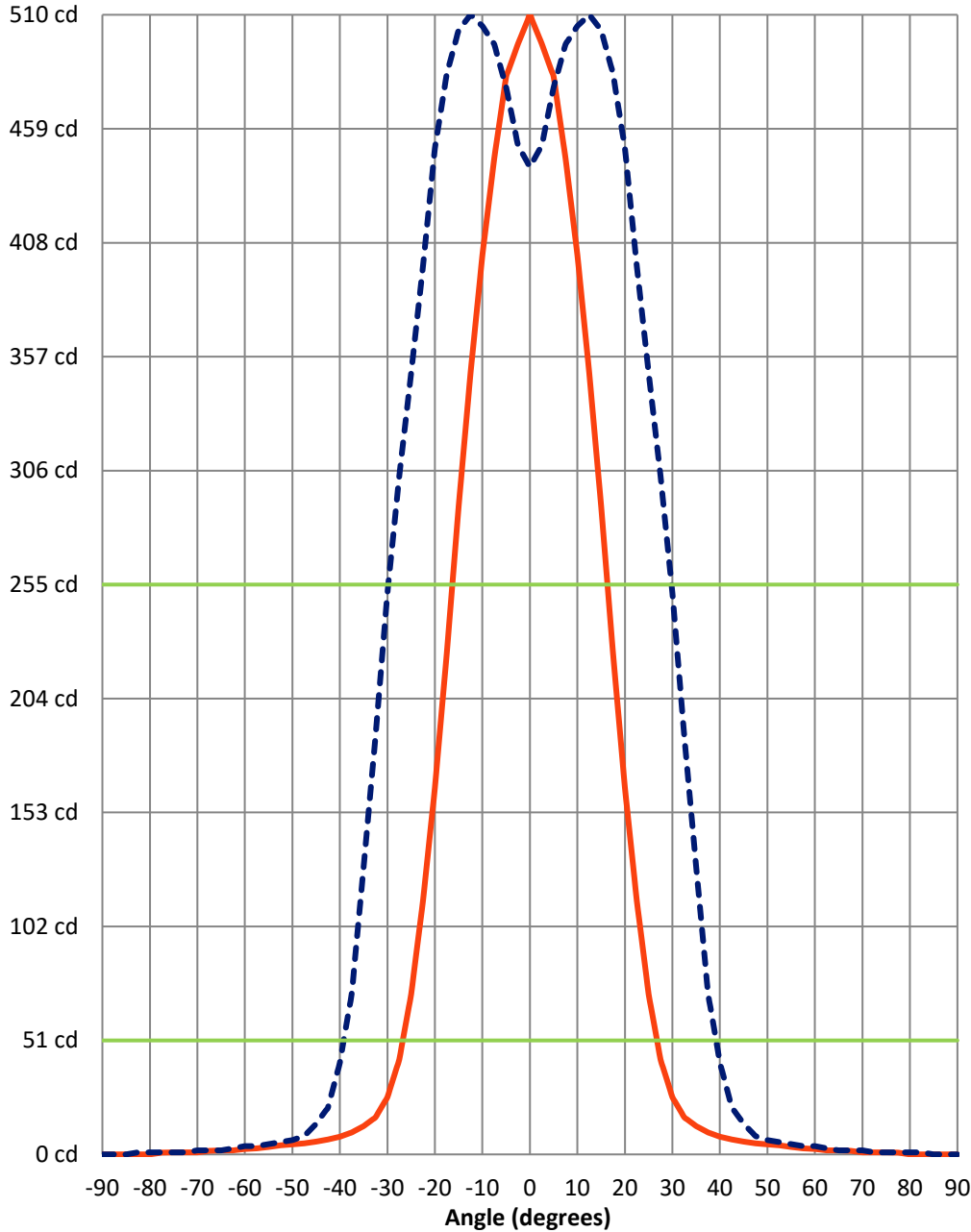
REPORT NUMBER: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 59.6°  
 V Angle: 32.7°  
 Lumens: 186.5  
 Efficiency: 64.4%

**Field:**  
 H Angle: 78.4°  
 V Angle: 53.5°  
 Lumens: 265.3  
 Efficiency: 91.7%

**Spill:**  
 Lumens: 24.2  
 Efficiency: 8.3%

— Vertical Distribution through -12.5-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	1	1
70°	0	0	0	0	0	0	0	0	1	1	1
67.5°	0	0	0	0	0	0	0	1	1	1	1
65°	0	0	0	0	0	0	0	1	1	1	1
62.5°	0	0	0	0	0	0	1	1	1	1	1
60°	0	0	0	0	0	0	1	1	1	1	1
57.5°	0	0	0	0	0	1	1	1	1	1	1
55°	0	0	0	0	0	1	1	1	1	1	1
52.5°	0	0	0	0	0	1	1	1	1	1	1
50°	0	0	0	0	1	1	1	1	1	1	1
47.5°	0	0	0	0	1	1	1	1	1	1	1
45°	0	0	0	0	1	1	1	1	1	1	1
42.5°	0	0	0	0	1	1	1	1	1	1	1
40°	0	0	0	0	1	1	1	1	1	1	1
37.5°	0	0	0	0	1	1	1	1	1	1	2
35°	0	0	0	0	1	1	1	1	1	1	2
32.5°	0	0	0	0	1	1	1	1	1	1	2
30°	0	0	0	1	1	1	1	1	1	2	2
27.5°	0	0	0	1	1	1	1	1	1	2	2
25°	0	0	0	1	1	1	1	1	1	2	2
22.5°	0	0	0	1	1	1	1	1	1	2	2
20°	0	0	0	1	1	1	1	1	1	2	2
17.5°	0	0	0	1	1	1	1	1	1	2	2
15°	0	0	0	1	1	1	1	1	2	2	2
12.5°	0	0	0	1	1	1	1	1	2	2	2
10°	0	0	0	1	1	1	1	1	2	2	2
7.5°	0	0	0	1	1	1	1	1	2	2	2
5°	0	0	0	1	1	1	1	1	2	2	2
2.5°	0	0	0	1	1	1	1	1	2	2	2
0°	0	0	0	1	1	1	1	1	2	2	2
-2.5°	0	0	0	1	1	1	1	1	2	2	2
-5°	0	0	0	1	1	1	1	1	2	2	2
-7.5°	0	0	0	1	1	1	1	1	2	2	2
-10°	0	0	0	1	1	1	1	1	2	2	2
-12.5°	0	0	0	1	1	1	1	1	2	2	2
-15°	0	0	0	1	1	1	1	1	2	2	2
-17.5°	0	0	0	1	1	1	1	1	1	2	2
-20°	0	0	0	1	1	1	1	1	1	2	2



REPORT NUMBER: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	0	0	1	1	1	1	1	1	2	2
-25°	0	0	0	1	1	1	1	1	1	2	2
-27.5°	0	0	0	1	1	1	1	1	1	2	2
-30°	0	0	0	1	1	1	1	1	1	2	2
-32.5°	0	0	0	0	1	1	1	1	1	1	2
-35°	0	0	0	0	1	1	1	1	1	1	2
-37.5°	0	0	0	0	1	1	1	1	1	1	2
-40°	0	0	0	0	1	1	1	1	1	1	1
-42.5°	0	0	0	0	1	1	1	1	1	1	1
-45°	0	0	0	0	1	1	1	1	1	1	1
-47.5°	0	0	0	0	1	1	1	1	1	1	1
-50°	0	0	0	0	1	1	1	1	1	1	1
-52.5°	0	0	0	0	0	1	1	1	1	1	1
-55°	0	0	0	0	0	1	1	1	1	1	1
-57.5°	0	0	0	0	0	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	1	1	1	1	1
-65°	0	0	0	0	0	0	0	1	1	1	1
-67.5°	0	0	0	0	0	0	0	1	1	1	1
-70°	0	0	0	0	0	0	0	0	1	1	1
-72.5°	0	0	0	0	0	0	0	0	0	1	1
-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: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

**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	1	1	1
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°	1	1	1	1	1	1	1	1	1	1	1
60°	1	1	1	1	1	1	1	1	2	2	2
57.5°	1	1	1	1	1	1	2	2	2	2	2
55°	1	1	1	1	1	2	2	2	2	2	2
52.5°	1	1	1	2	2	2	2	2	2	3	3
50°	1	1	2	2	2	2	2	3	3	3	3
47.5°	1	2	2	2	2	2	3	3	3	3	4
45°	1	2	2	2	2	3	3	3	3	4	4
42.5°	2	2	2	2	2	3	3	3	4	4	4
40°	2	2	2	2	3	3	4	4	4	4	5
37.5°	2	2	2	3	3	4	4	4	4	5	5
35°	2	2	2	3	4	4	4	4	5	5	6
32.5°	2	2	3	3	4	4	4	5	5	6	7
30°	2	2	3	4	4	4	5	5	5	6	8
27.5°	2	2	3	4	4	5	5	5	6	7	9
25°	2	3	3	4	4	5	5	5	7	9	12
22.5°	2	3	4	4	4	5	5	6	8	11	15
20°	2	3	4	4	5	5	5	7	9	13	19
17.5°	2	3	4	4	5	5	6	7	11	16	25
15°	2	3	4	4	5	5	6	9	13	19	31
12.5°	2	3	4	4	5	6	7	10	15	23	41
10°	3	3	4	4	5	6	7	11	16	28	50
7.5°	3	4	4	4	5	6	8	12	18	32	58
5°	3	4	4	5	5	6	8	13	19	36	64
2.5°	3	4	4	5	5	6	8	13	20	39	69
0°	3	4	4	5	5	6	8	14	21	41	72
-2.5°	3	4	4	5	5	6	8	13	20	39	69
-5°	3	4	4	5	5	6	8	13	19	36	64
-7.5°	3	4	4	4	5	6	8	12	18	32	58
-10°	3	3	4	4	5	6	7	11	16	28	50
-12.5°	2	3	4	4	5	6	7	10	15	23	41
-15°	2	3	4	4	5	5	6	9	13	19	31
-17.5°	2	3	4	4	5	5	6	7	11	16	25
-20°	2	3	4	4	5	5	5	7	9	13	19



REPORT NUMBER: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	2	3	4	4	4	5	5	6	8	11	15
-25°	2	3	3	4	4	5	5	5	7	9	12
-27.5°	2	2	3	4	4	5	5	5	6	7	9
-30°	2	2	3	4	4	4	5	5	5	6	8
-32.5°	2	2	3	3	4	4	4	5	5	6	7
-35°	2	2	2	3	4	4	4	4	5	5	6
-37.5°	2	2	2	3	3	4	4	4	4	5	5
-40°	2	2	2	2	3	3	4	4	4	4	5
-42.5°	2	2	2	2	2	3	3	3	4	4	4
-45°	1	2	2	2	2	3	3	3	3	4	4
-47.5°	1	2	2	2	2	2	3	3	3	3	4
-50°	1	1	2	2	2	2	2	3	3	3	3
-52.5°	1	1	1	2	2	2	2	2	2	3	3
-55°	1	1	1	1	1	2	2	2	2	2	2
-57.5°	1	1	1	1	1	1	2	2	2	2	2
-60°	1	1	1	1	1	1	1	1	2	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°	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	1	1	1
-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: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

**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°	1	1	1	1	1	1	1	1	1	1	1
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	2	2	2
65°	1	1	1	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
60°	2	2	2	2	2	2	2	2	2	2	3
57.5°	2	2	2	2	2	3	3	3	3	3	3
55°	3	3	3	3	3	3	3	3	3	3	3
52.5°	3	3	3	3	3	3	4	4	4	4	4
50°	3	3	4	4	4	4	4	5	5	4	4
47.5°	4	4	4	4	5	5	5	5	5	5	5
45°	4	4	5	5	5	5	5	6	6	6	6
42.5°	4	5	5	6	6	6	6	6	7	7	7
40°	5	6	6	6	7	7	7	7	7	8	8
37.5°	6	6	7	7	8	8	9	9	9	10	10
35°	6	7	8	9	10	11	12	13	13	13	13
32.5°	8	9	10	11	13	15	16	18	18	17	18
30°	9	11	13	15	18	22	25	28	29	26	26
27.5°	12	15	19	24	27	33	42	46	48	42	38
25°	15	21	30	39	46	54	67	74	76	72	62
22.5°	21	32	47	61	77	89	101	112	116	114	103
20°	29	47	69	93	114	131	146	160	166	164	156
17.5°	43	69	99	129	155	177	197	213	221	224	221
15°	56	92	132	168	197	225	249	268	283	290	289
12.5°	71	114	162	207	240	272	301	328	344	349	350
10°	87	135	186	232	276	319	357	384	395	402	399
7.5°	101	153	207	256	300	347	399	432	442	446	440
5°	113	168	225	276	321	370	420	452	472	482	475
2.5°	122	179	240	292	338	387	438	469	489	497	492
0°	129	187	251	303	350	398	450	483	503	510	505
-2.5°	122	179	240	292	338	387	438	469	489	497	492
-5°	113	168	225	276	321	370	420	452	472	482	475
-7.5°	101	153	207	256	300	347	399	432	442	446	440
-10°	87	135	186	232	276	319	357	384	395	402	399
-12.5°	71	114	162	207	240	272	301	328	344	349	350
-15°	56	92	132	168	197	225	249	268	283	290	289
-17.5°	43	69	99	129	155	177	197	213	221	224	221
-20°	29	47	69	93	114	131	146	160	166	164	156



REPORT NUMBER: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	21	32	47	61	77	89	101	112	116	114	103
-25°	15	21	30	39	46	54	67	74	76	72	62
-27.5°	12	15	19	24	27	33	42	46	48	42	38
-30°	9	11	13	15	18	22	25	28	29	26	26
-32.5°	8	9	10	11	13	15	16	18	18	17	18
-35°	6	7	8	9	10	11	12	13	13	13	13
-37.5°	6	6	7	7	8	8	9	9	9	10	10
-40°	5	6	6	6	7	7	7	7	7	8	8
-42.5°	4	5	5	6	6	6	6	6	7	7	7
-45°	4	4	5	5	5	5	5	6	6	6	6
-47.5°	4	4	4	4	5	5	5	5	5	5	5
-50°	3	3	4	4	4	4	4	5	5	4	4
-52.5°	3	3	3	3	3	3	4	4	4	4	4
-55°	3	3	3	3	3	3	3	3	3	3	3
-57.5°	2	2	2	2	2	3	3	3	3	3	3
-60°	2	2	2	2	2	2	2	2	2	2	3
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-65°	1	1	1	2	2	2	2	2	2	2	2
-67.5°	1	1	1	1	1	1	1	1	2	2	2
-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°	1	1	1	1	1	1	1	1	1	1	1
-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: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

**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°	1	1	1	1	1	1	1	1	1	1	1
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°	2	2	2	2	2	2	2	2	2	2	1
65°	2	2	2	2	2	2	2	2	2	2	2
62.5°	2	2	2	2	2	2	2	2	2	2	2
60°	3	3	3	3	3	3	3	3	2	2	2
57.5°	3	3	3	3	3	3	3	3	3	3	3
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°	5	5	5	5	5	5	5	4	4	5	5
47.5°	5	5	5	5	5	5	5	5	5	5	5
45°	6	6	6	6	6	6	6	6	6	6	6
42.5°	7	7	7	7	7	7	7	7	7	7	6
40°	8	8	8	8	8	8	8	8	8	7	7
37.5°	10	10	10	10	10	10	10	10	10	9	9
35°	14	14	14	14	14	14	14	13	13	13	13
32.5°	18	19	18	17	18	19	18	18	17	18	18
30°	27	27	26	25	26	27	27	26	26	29	28
27.5°	41	41	40	37	40	41	41	38	42	48	46
25°	66	68	67	62	67	68	66	62	72	76	74
22.5°	101	104	102	95	102	104	101	103	114	116	112
20°	148	153	151	142	151	153	148	156	164	166	160
17.5°	212	214	210	196	210	214	212	221	224	221	213
15°	282	275	269	255	269	275	282	289	290	283	268
12.5°	340	325	319	305	319	325	340	350	349	344	328
10°	388	376	366	352	366	376	388	399	402	395	384
7.5°	435	421	404	392	404	421	435	440	446	442	432
5°	465	454	432	420	432	454	465	475	482	472	452
2.5°	489	470	446	434	446	470	489	492	497	489	469
0°	497	477	451	442	451	477	497	505	510	503	483
-2.5°	489	470	446	434	446	470	489	492	497	489	469
-5°	465	454	432	420	432	454	465	475	482	472	452
-7.5°	435	421	404	392	404	421	435	440	446	442	432
-10°	388	376	366	352	366	376	388	399	402	395	384
-12.5°	340	325	319	305	319	325	340	350	349	344	328
-15°	282	275	269	255	269	275	282	289	290	283	268
-17.5°	212	214	210	196	210	214	212	221	224	221	213
-20°	148	153	151	142	151	153	148	156	164	166	160



REPORT NUMBER: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	101	104	102	95	102	104	101	103	114	116	112
-25°	66	68	67	62	67	68	66	62	72	76	74
-27.5°	41	41	40	37	40	41	41	38	42	48	46
-30°	27	27	26	25	26	27	27	26	26	29	28
-32.5°	18	19	18	17	18	19	18	18	17	18	18
-35°	14	14	14	14	14	14	14	13	13	13	13
-37.5°	10	10	10	10	10	10	10	10	10	9	9
-40°	8	8	8	8	8	8	8	8	8	7	7
-42.5°	7	7	7	7	7	7	7	7	7	7	6
-45°	6	6	6	6	6	6	6	6	6	6	6
-47.5°	5	5	5	5	5	5	5	5	5	5	5
-50°	5	5	5	5	5	5	5	4	4	5	5
-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	3	3	3
-60°	3	3	3	3	3	3	3	3	2	2	2
-62.5°	2	2	2	2	2	2	2	2	2	2	2
-65°	2	2	2	2	2	2	2	2	2	2	2
-67.5°	2	2	2	2	2	2	2	2	2	2	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°	1	1	1	1	1	1	1	1	1	1	1
-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: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

**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°	1	1	1	1	1	1	1	1	1	1	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°	2	2	2	2	1	1	1	1	1	1	1
62.5°	2	2	2	2	2	2	2	1	1	1	1
60°	2	2	2	2	2	2	2	2	2	2	1
57.5°	3	3	2	2	2	2	2	2	2	2	2
55°	3	3	3	3	3	3	3	2	2	2	2
52.5°	4	3	3	3	3	3	3	3	3	2	2
50°	4	4	4	4	4	3	3	3	3	3	3
47.5°	5	5	5	4	4	4	4	4	3	3	3
45°	5	5	5	5	5	4	4	4	4	3	3
42.5°	6	6	6	6	5	5	4	4	4	4	3
40°	7	7	7	6	6	6	5	5	4	4	4
37.5°	9	8	8	7	7	6	6	5	5	4	4
35°	12	11	10	9	8	7	6	6	5	5	4
32.5°	16	15	13	11	10	9	8	7	6	5	5
30°	25	22	18	15	13	11	9	8	6	5	5
27.5°	42	33	27	24	19	15	12	9	7	6	5
25°	67	54	46	39	30	21	15	12	9	7	5
22.5°	101	89	77	61	47	32	21	15	11	8	6
20°	146	131	114	93	69	47	29	19	13	9	7
17.5°	197	177	155	129	99	69	43	25	16	11	7
15°	249	225	197	168	132	92	56	31	19	13	9
12.5°	301	272	240	207	162	114	71	41	23	15	10
10°	357	319	276	232	186	135	87	50	28	16	11
7.5°	399	347	300	256	207	153	101	58	32	18	12
5°	420	370	321	276	225	168	113	64	36	19	13
2.5°	438	387	338	292	240	179	122	69	39	20	13
0°	450	398	350	303	251	187	129	72	41	21	14
-2.5°	438	387	338	292	240	179	122	69	39	20	13
-5°	420	370	321	276	225	168	113	64	36	19	13
-7.5°	399	347	300	256	207	153	101	58	32	18	12
-10°	357	319	276	232	186	135	87	50	28	16	11
-12.5°	301	272	240	207	162	114	71	41	23	15	10
-15°	249	225	197	168	132	92	56	31	19	13	9
-17.5°	197	177	155	129	99	69	43	25	16	11	7
-20°	146	131	114	93	69	47	29	19	13	9	7



REPORT NUMBER: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)

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

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	101	89	77	61	47	32	21	15	11	8	6
-25°	67	54	46	39	30	21	15	12	9	7	5
-27.5°	42	33	27	24	19	15	12	9	7	6	5
-30°	25	22	18	15	13	11	9	8	6	5	5
-32.5°	16	15	13	11	10	9	8	7	6	5	5
-35°	12	11	10	9	8	7	6	6	5	5	4
-37.5°	9	8	8	7	7	6	6	5	5	4	4
-40°	7	7	7	6	6	6	5	5	4	4	4
-42.5°	6	6	6	6	5	5	4	4	4	4	3
-45°	5	5	5	5	5	4	4	4	4	3	3
-47.5°	5	5	5	4	4	4	4	4	3	3	3
-50°	4	4	4	4	4	3	3	3	3	3	3
-52.5°	4	3	3	3	3	3	3	3	3	2	2
-55°	3	3	3	3	3	3	3	2	2	2	2
-57.5°	3	3	2	2	2	2	2	2	2	2	2
-60°	2	2	2	2	2	2	2	2	2	2	1
-62.5°	2	2	2	2	2	2	2	1	1	1	1
-65°	2	2	2	2	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°	1	1	1	1	1	1	1	1	1	1	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: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

**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°	1	1	1	1	1	1	1	0	0	0	0
72.5°	1	1	1	1	1	1	1	1	1	0	0
70°	1	1	1	1	1	1	1	1	1	1	0
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°	1	1	1	1	1	1	1	1	1	1	1
57.5°	2	1	1	1	1	1	1	1	1	1	1
55°	2	2	1	1	1	1	1	1	1	1	1
52.5°	2	2	2	2	1	1	1	1	1	1	1
50°	2	2	2	2	2	1	1	1	1	1	1
47.5°	3	2	2	2	2	2	1	1	1	1	1
45°	3	3	2	2	2	2	1	1	1	1	1
42.5°	3	3	2	2	2	2	2	1	1	1	1
40°	4	3	3	2	2	2	2	1	1	1	1
37.5°	4	4	3	3	2	2	2	2	1	1	1
35°	4	4	4	3	2	2	2	2	1	1	1
32.5°	4	4	4	3	3	2	2	2	1	1	1
30°	5	4	4	4	3	2	2	2	2	1	1
27.5°	5	5	4	4	3	2	2	2	2	1	1
25°	5	5	4	4	3	3	2	2	2	1	1
22.5°	5	5	4	4	4	3	2	2	2	1	1
20°	5	5	5	4	4	3	2	2	2	1	1
17.5°	6	5	5	4	4	3	2	2	2	1	1
15°	6	5	5	4	4	3	2	2	2	2	1
12.5°	7	6	5	4	4	3	2	2	2	2	1
10°	7	6	5	4	4	3	3	2	2	2	1
7.5°	8	6	5	4	4	4	3	2	2	2	1
5°	8	6	5	5	4	4	3	2	2	2	1
2.5°	8	6	5	5	4	4	3	2	2	2	1
0°	8	6	5	5	4	4	3	2	2	2	1
-2.5°	8	6	5	5	4	4	3	2	2	2	1
-5°	8	6	5	5	4	4	3	2	2	2	1
-7.5°	8	6	5	4	4	4	3	2	2	2	1
-10°	7	6	5	4	4	3	3	2	2	2	1
-12.5°	7	6	5	4	4	3	2	2	2	2	1
-15°	6	5	5	4	4	3	2	2	2	2	1
-17.5°	6	5	5	4	4	3	2	2	2	1	1
-20°	5	5	5	4	4	3	2	2	2	1	1



REPORT NUMBER: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5	5	4	4	4	3	2	2	2	1	1
-25°	5	5	4	4	3	3	2	2	2	1	1
-27.5°	5	5	4	4	3	2	2	2	2	1	1
-30°	5	4	4	4	3	2	2	2	2	1	1
-32.5°	4	4	4	3	3	2	2	2	1	1	1
-35°	4	4	4	3	2	2	2	2	1	1	1
-37.5°	4	4	3	3	2	2	2	2	1	1	1
-40°	4	3	3	2	2	2	2	1	1	1	1
-42.5°	3	3	2	2	2	2	2	1	1	1	1
-45°	3	3	2	2	2	2	1	1	1	1	1
-47.5°	3	2	2	2	2	2	1	1	1	1	1
-50°	2	2	2	2	2	1	1	1	1	1	1
-52.5°	2	2	2	2	1	1	1	1	1	1	1
-55°	2	2	1	1	1	1	1	1	1	1	1
-57.5°	2	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	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	0
-72.5°	1	1	1	1	1	1	1	1	1	0	0
-75°	1	1	1	1	1	1	1	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: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

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



REPORT NUMBER: P247033 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED2736-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	1	1	1	1	0	0	0
-25°	1	1	1	1	0	0	0
-27.5°	1	1	1	1	0	0	0
-30°	1	1	1	1	0	0	0
-32.5°	1	1	1	0	0	0	0
-35°	1	1	1	0	0	0	0
-37.5°	1	1	1	0	0	0	0
-40°	1	1	1	0	0	0	0
-42.5°	1	1	1	0	0	0	0
-45°	1	1	1	0	0	0	0
-47.5°	1	1	1	0	0	0	0
-50°	1	1	1	0	0	0	0
-52.5°	1	1	0	0	0	0	0
-55°	1	1	0	0	0	0	0
-57.5°	1	1	0	0	0	0	0
-60°	1	0	0	0	0	0	0
-62.5°	1	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)