

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: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED3025-12-CS-LSL**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-41)  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 203-8LED3025-12-CS-LSL  
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 3000K CCT, 25 DEGREE NARROW OPTIC, REGRESSED HOOD SILVER, LINEAR SPREAD LENS  
Light Source: (1) SORAA 3000K 90 CRI LED  
SM16-07-25D-930-03  
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

**Summary**

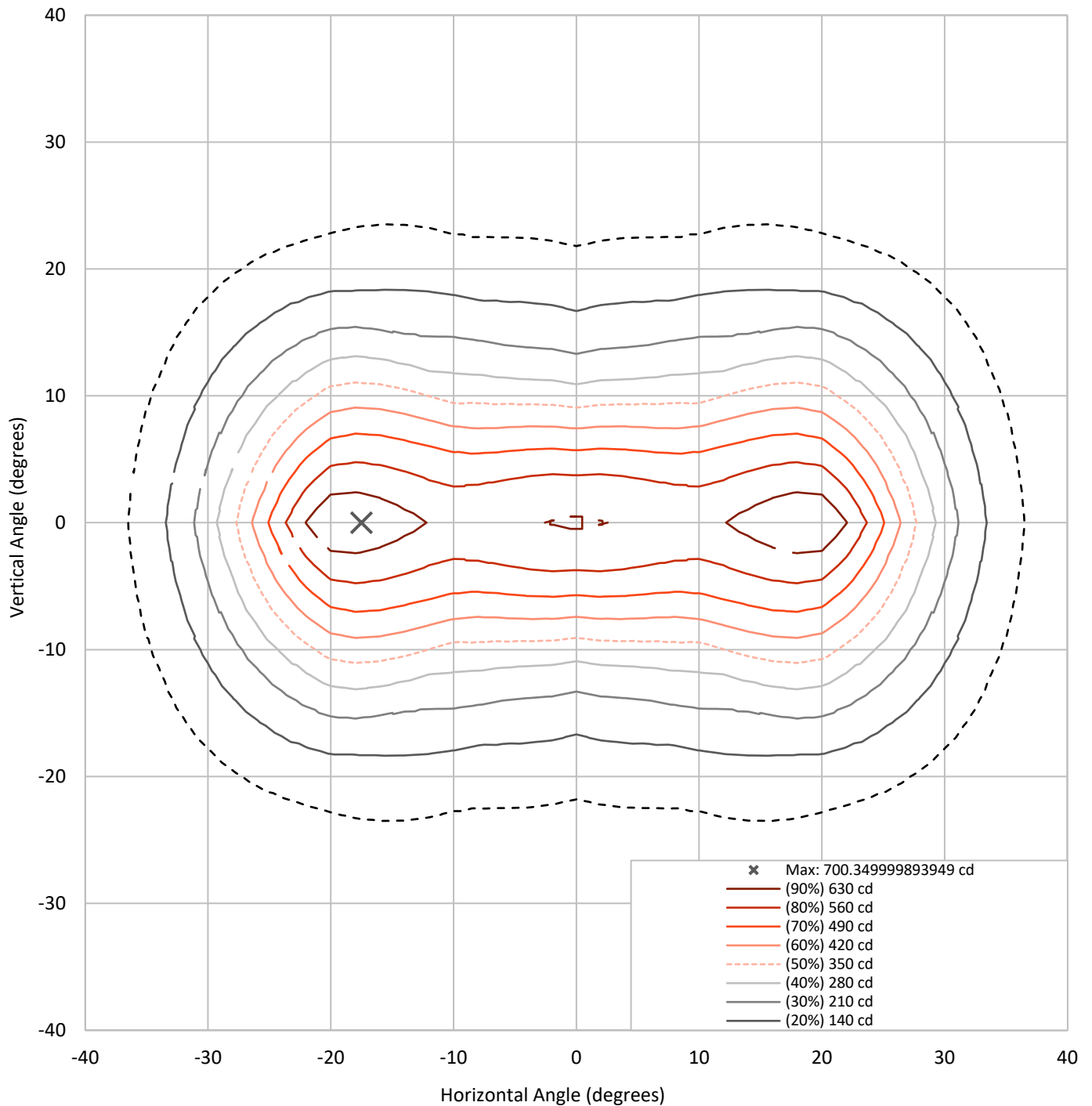
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	276.5 lumens	Max Intensity:	700.3 candela
Efficiency:	N/A	Max Intensity Angle:	-17.5°H x 0°V
Efficacy:	37.4 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	55.3°H x 22.2°V	Field Angle (10%):	72.9°H x 46.7°V
Beam Lumens:	152.3 lumens	Field Lumens:	249.1 lumens
Beam Efficiency:	55.1%	Field Efficiency:	90.1%
Input Watts (W):	7.4		
Input Voltage (V):	NR		
Input Current (Ain):	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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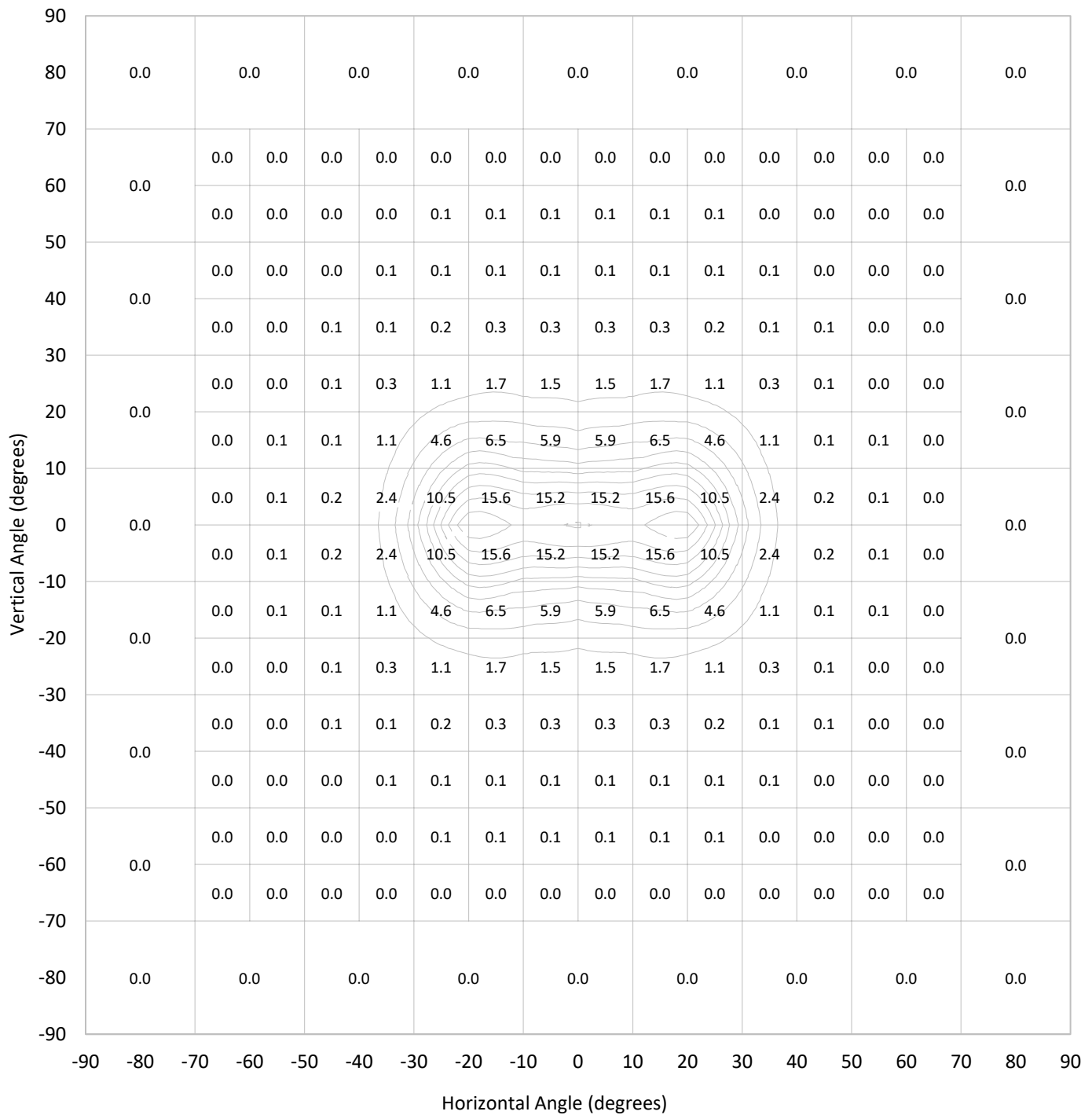
### Iso-Candela Plot





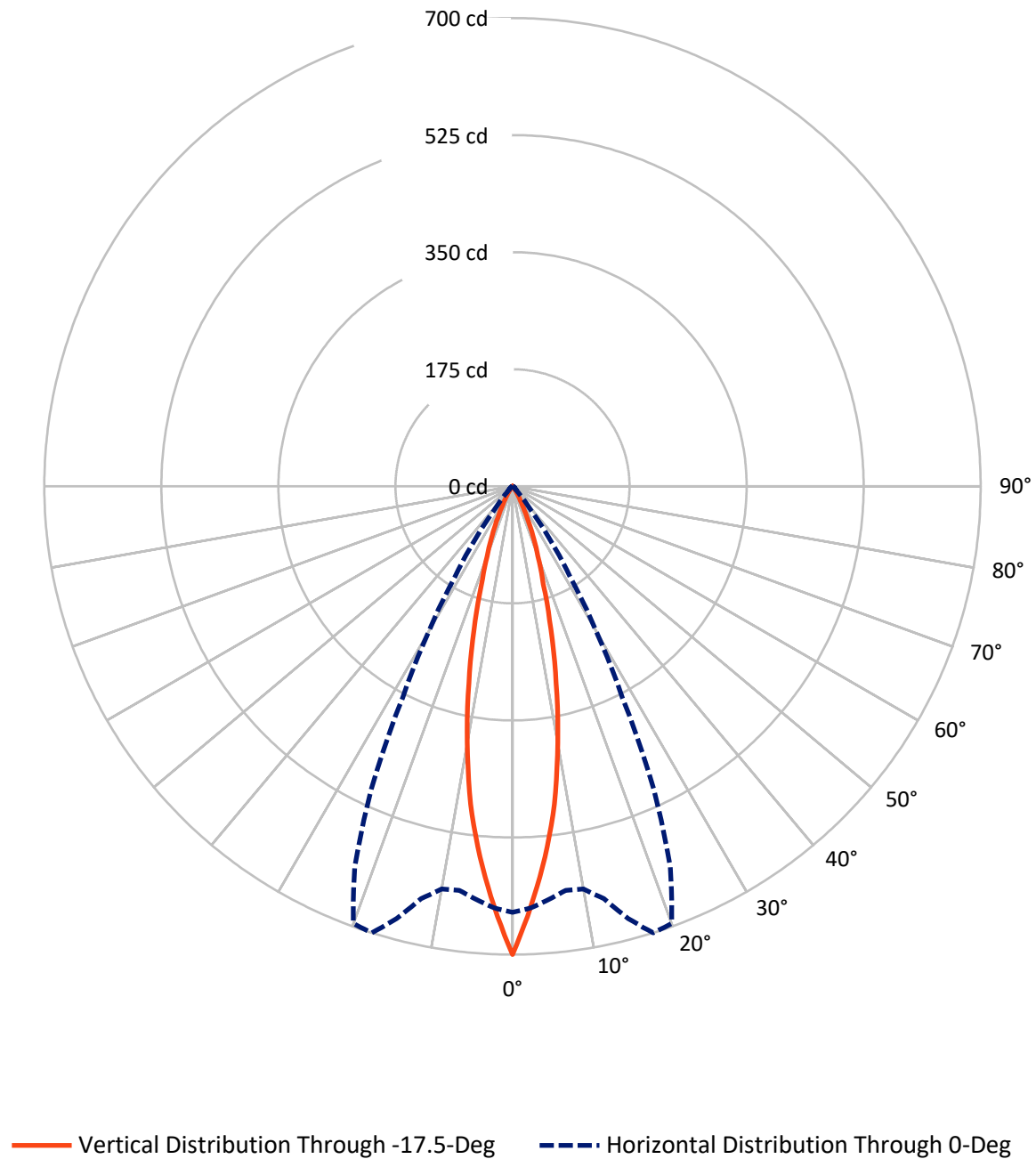
REPORT NUMBER: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Lumen Table



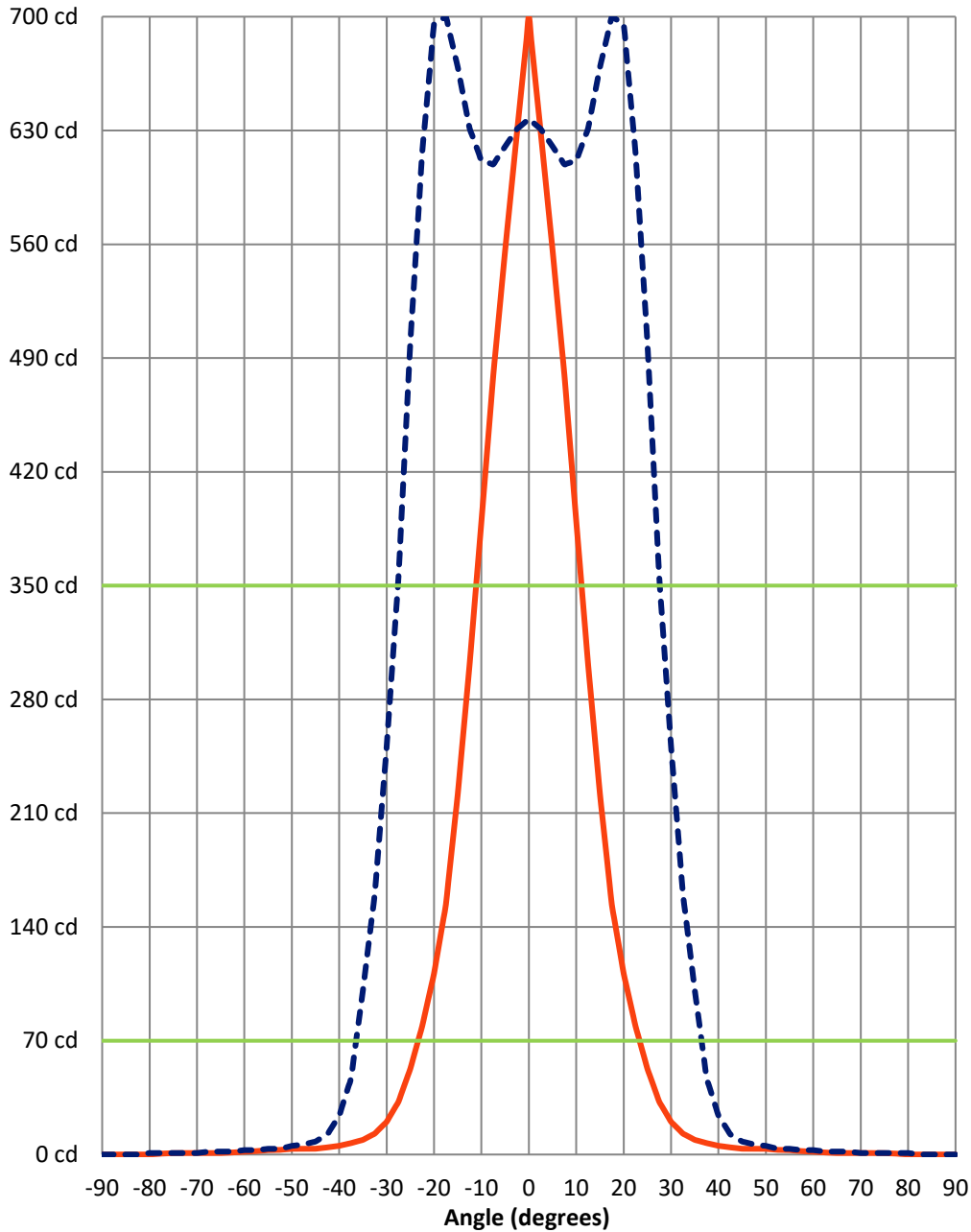
REPORT NUMBER: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 55.3°  
 V Angle: 22.2°  
 Lumens: 152.3  
 Efficiency: 55.1%

**Field:**  
 H Angle: 72.9°  
 V Angle: 46.7°  
 Lumens: 249.1  
 Efficiency: 90.1%

**Spill:**  
 Lumens: 27.4  
 Efficiency: 9.9%

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



REPORT NUMBER: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 203-8LED3025-12-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	0	1	1	1	1	1	1	1
-25°	0	0	0	0	1	1	1	1	1	1	1
-27.5°	0	0	0	0	0	1	1	1	1	1	1
-30°	0	0	0	0	0	1	1	1	1	1	1
-32.5°	0	0	0	0	0	1	1	1	1	1	1
-35°	0	0	0	0	0	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	1	1	1	1	1	1
-45°	0	0	0	0	0	0	1	1	1	1	1
-47.5°	0	0	0	0	0	0	1	1	1	1	1
-50°	0	0	0	0	0	0	1	1	1	1	1
-52.5°	0	0	0	0	0	0	1	1	1	1	1
-55°	0	0	0	0	0	0	0	1	1	1	1
-57.5°	0	0	0	0	0	0	0	1	1	1	1
-60°	0	0	0	0	0	0	0	0	1	1	1
-62.5°	0	0	0	0	0	0	0	0	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	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: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-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	0	0	0
75°	0	0	0	0	0	0	0	0	0	1	1
72.5°	0	0	0	0	0	1	1	1	1	1	1
70°	0	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	1	1	1
57.5°	1	1	1	1	1	1	1	1	1	2	2
55°	1	1	1	1	1	1	1	1	2	2	2
52.5°	1	1	1	1	1	1	2	2	2	2	2
50°	1	1	1	1	1	2	2	2	2	2	2
47.5°	1	1	1	1	2	2	2	2	2	2	3
45°	1	1	1	1	2	2	2	2	2	3	3
42.5°	1	1	1	2	2	2	2	3	3	3	3
40°	1	1	2	2	2	2	3	3	3	3	3
37.5°	1	1	2	2	2	3	3	3	3	3	4
35°	1	2	2	2	3	3	3	3	3	4	4
32.5°	1	2	2	2	3	3	3	3	4	4	5
30°	1	2	2	3	3	3	3	4	4	5	5
27.5°	2	2	2	3	3	3	3	4	5	5	6
25°	2	2	2	3	3	4	4	4	5	6	8
22.5°	2	2	3	3	3	4	4	5	6	7	9
20°	2	2	3	3	3	4	4	5	6	8	12
17.5°	2	2	3	3	4	4	5	5	7	9	15
15°	2	2	3	3	4	4	5	6	8	11	19
12.5°	2	2	3	3	4	4	5	7	9	14	26
10°	2	3	3	3	4	5	6	7	10	17	32
7.5°	2	3	3	3	4	5	6	7	11	19	37
5°	2	3	3	3	4	5	6	8	11	21	41
2.5°	2	3	3	3	4	5	6	8	12	23	45
0°	2	3	3	4	4	5	6	8	12	24	47
-2.5°	2	3	3	3	4	5	6	8	12	23	45
-5°	2	3	3	3	4	5	6	8	11	21	41
-7.5°	2	3	3	3	4	5	6	7	11	19	37
-10°	2	3	3	3	4	5	6	7	10	17	32
-12.5°	2	2	3	3	4	4	5	7	9	14	26
-15°	2	2	3	3	4	4	5	6	8	11	19
-17.5°	2	2	3	3	4	4	5	5	7	9	15
-20°	2	2	3	3	3	4	4	5	6	8	12



REPORT NUMBER: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-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	2	3	3	3	4	4	5	6	7	9
-25°	2	2	2	3	3	4	4	4	5	6	8
-27.5°	2	2	2	3	3	3	3	4	5	5	6
-30°	1	2	2	3	3	3	3	4	4	5	5
-32.5°	1	2	2	2	3	3	3	3	4	4	5
-35°	1	2	2	2	3	3	3	3	3	4	4
-37.5°	1	1	2	2	2	3	3	3	3	3	4
-40°	1	1	2	2	2	2	3	3	3	3	3
-42.5°	1	1	1	2	2	2	2	3	3	3	3
-45°	1	1	1	1	2	2	2	2	2	3	3
-47.5°	1	1	1	1	2	2	2	2	2	2	3
-50°	1	1	1	1	1	2	2	2	2	2	2
-52.5°	1	1	1	1	1	1	2	2	2	2	2
-55°	1	1	1	1	1	1	1	1	2	2	2
-57.5°	1	1	1	1	1	1	1	1	1	2	2
-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°	0	1	1	1	1	1	1	1	1	1	1
-72.5°	0	0	0	0	0	1	1	1	1	1	1
-75°	0	0	0	0	0	0	0	0	0	1	1
-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: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-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°	0	0	0	0	0	1	1	1	1	0	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°	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	2	2	2	2	2	2	2	2
57.5°	2	2	2	2	2	2	2	2	2	2	3
55°	2	2	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	4	4	4	4	4	4	4
45°	3	3	4	4	4	4	4	4	4	4	4
42.5°	3	4	4	4	4	4	4	4	5	5	5
40°	4	4	4	4	5	5	5	5	5	6	6
37.5°	4	4	5	5	6	6	7	7	7	7	7
35°	5	5	5	6	7	8	9	9	9	9	9
32.5°	5	6	7	8	9	11	12	13	13	12	13
30°	6	7	9	11	13	16	18	20	20	18	18
27.5°	8	10	13	17	19	23	29	33	34	30	27
25°	10	13	20	27	33	39	48	53	54	51	45
22.5°	13	21	32	44	56	65	72	79	82	79	72
20°	19	30	50	68	85	98	106	111	115	113	105
17.5°	27	48	72	97	120	139	154	154	154	153	148
15°	36	67	99	130	159	192	214	222	202	201	201
12.5°	49	85	125	164	208	253	291	302	288	261	260
10°	62	104	152	202	263	324	376	390	379	355	329
7.5°	75	122	180	243	325	404	463	480	468	446	425
5°	86	138	207	285	389	482	545	557	545	528	513
2.5°	95	151	231	324	448	553	622	629	607	581	570
0°	101	160	251	355	500	617	696	700	669	632	612
-2.5°	95	151	231	324	448	553	622	629	607	581	570
-5°	86	138	207	285	389	482	545	557	545	528	513
-7.5°	75	122	180	243	325	404	463	480	468	446	425
-10°	62	104	152	202	263	324	376	390	379	355	329
-12.5°	49	85	125	164	208	253	291	302	288	261	260
-15°	36	67	99	130	159	192	214	222	202	201	201
-17.5°	27	48	72	97	120	139	154	154	154	153	148
-20°	19	30	50	68	85	98	106	111	115	113	105



REPORT NUMBER: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	13	21	32	44	56	65	72	79	82	79	72
-25°	10	13	20	27	33	39	48	53	54	51	45
-27.5°	8	10	13	17	19	23	29	33	34	30	27
-30°	6	7	9	11	13	16	18	20	20	18	18
-32.5°	5	6	7	8	9	11	12	13	13	12	13
-35°	5	5	5	6	7	8	9	9	9	9	9
-37.5°	4	4	5	5	6	6	7	7	7	7	7
-40°	4	4	4	4	5	5	5	5	5	6	6
-42.5°	3	4	4	4	4	4	4	4	5	5	5
-45°	3	3	4	4	4	4	4	4	4	4	4
-47.5°	3	3	3	3	4	4	4	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°	2	2	2	2	2	3	3	3	3	3	3
-57.5°	2	2	2	2	2	2	2	2	2	2	3
-60°	1	1	1	2	2	2	2	2	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	1	1	1	1	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: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-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°	0	0	0	0	0	0	0	0	0	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°	2	2	2	2	2	2	2	2	2	2	2
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°	3	3	3	4	3	3	3	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°	5	5	5	5	5	5	5	5	5	5	4
40°	6	6	6	6	6	6	6	6	6	5	5
37.5°	7	7	7	7	7	7	7	7	7	7	7
35°	10	10	10	10	10	10	10	9	9	9	9
32.5°	13	13	13	12	13	13	13	13	12	13	13
30°	18	18	17	16	17	18	18	18	18	20	20
27.5°	29	29	28	26	28	29	29	27	30	34	33
25°	47	48	46	43	46	48	47	45	51	54	53
22.5°	69	69	67	63	67	69	69	72	79	82	79
20°	97	99	96	90	96	99	97	105	113	115	111
17.5°	137	138	135	125	135	138	137	148	153	154	154
15°	192	183	181	169	181	183	192	201	201	202	222
12.5°	255	241	240	227	240	241	255	260	261	288	302
10°	330	324	323	311	323	324	330	329	355	379	390
7.5°	415	423	425	418	425	423	415	425	446	468	480
5°	509	518	526	521	526	518	509	513	528	545	557
2.5°	579	593	601	602	601	593	579	570	581	607	629
0°	609	620	631	637	631	620	609	612	632	669	700
-2.5°	579	593	601	602	601	593	579	570	581	607	629
-5°	509	518	526	521	526	518	509	513	528	545	557
-7.5°	415	423	425	418	425	423	415	425	446	468	480
-10°	330	324	323	311	323	324	330	329	355	379	390
-12.5°	255	241	240	227	240	241	255	260	261	288	302
-15°	192	183	181	169	181	183	192	201	201	202	222
-17.5°	137	138	135	125	135	138	137	148	153	154	154
-20°	97	99	96	90	96	99	97	105	113	115	111



REPORT NUMBER: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	69	69	67	63	67	69	69	72	79	82	79
-25°	47	48	46	43	46	48	47	45	51	54	53
-27.5°	29	29	28	26	28	29	29	27	30	34	33
-30°	18	18	17	16	17	18	18	18	18	20	20
-32.5°	13	13	13	12	13	13	13	13	12	13	13
-35°	10	10	10	10	10	10	10	9	9	9	9
-37.5°	7	7	7	7	7	7	7	7	7	7	7
-40°	6	6	6	6	6	6	6	6	6	5	5
-42.5°	5	5	5	5	5	5	5	5	5	5	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°	3	3	3	4	3	3	3	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	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	0	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: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-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	0	0	0	0	0	0	0	0	0
75°	1	1	1	1	1	1	1	1	1	0	0
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°	2	2	2	2	1	1	1	1	1	1	1
57.5°	2	2	2	2	2	2	2	2	2	1	1
55°	3	3	2	2	2	2	2	2	2	2	1
52.5°	3	3	3	3	2	2	2	2	2	2	2
50°	3	3	3	3	3	3	2	2	2	2	2
47.5°	4	4	4	3	3	3	3	3	2	2	2
45°	4	4	4	4	4	3	3	3	3	2	2
42.5°	4	4	4	4	4	4	3	3	3	3	3
40°	5	5	5	4	4	4	4	3	3	3	3
37.5°	7	6	6	5	5	4	4	4	3	3	3
35°	9	8	7	6	5	5	5	4	4	3	3
32.5°	12	11	9	8	7	6	5	5	4	4	3
30°	18	16	13	11	9	7	6	5	5	4	4
27.5°	29	23	19	17	13	10	8	6	5	5	4
25°	48	39	33	27	20	13	10	8	6	5	4
22.5°	72	65	56	44	32	21	13	9	7	6	5
20°	106	98	85	68	50	30	19	12	8	6	5
17.5°	154	139	120	97	72	48	27	15	9	7	5
15°	214	192	159	130	99	67	36	19	11	8	6
12.5°	291	253	208	164	125	85	49	26	14	9	7
10°	376	324	263	202	152	104	62	32	17	10	7
7.5°	463	404	325	243	180	122	75	37	19	11	7
5°	545	482	389	285	207	138	86	41	21	11	8
2.5°	622	553	448	324	231	151	95	45	23	12	8
0°	696	617	500	355	251	160	101	47	24	12	8
-2.5°	622	553	448	324	231	151	95	45	23	12	8
-5°	545	482	389	285	207	138	86	41	21	11	8
-7.5°	463	404	325	243	180	122	75	37	19	11	7
-10°	376	324	263	202	152	104	62	32	17	10	7
-12.5°	291	253	208	164	125	85	49	26	14	9	7
-15°	214	192	159	130	99	67	36	19	11	8	6
-17.5°	154	139	120	97	72	48	27	15	9	7	5
-20°	106	98	85	68	50	30	19	12	8	6	5



REPORT NUMBER: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 203-8LED3025-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	72	65	56	44	32	21	13	9	7	6	5
-25°	48	39	33	27	20	13	10	8	6	5	4
-27.5°	29	23	19	17	13	10	8	6	5	5	4
-30°	18	16	13	11	9	7	6	5	5	4	4
-32.5°	12	11	9	8	7	6	5	5	4	4	3
-35°	9	8	7	6	5	5	5	4	4	3	3
-37.5°	7	6	6	5	5	4	4	4	3	3	3
-40°	5	5	5	4	4	4	4	3	3	3	3
-42.5°	4	4	4	4	4	4	3	3	3	3	3
-45°	4	4	4	4	4	3	3	3	3	2	2
-47.5°	4	4	4	3	3	3	3	3	2	2	2
-50°	3	3	3	3	3	3	2	2	2	2	2
-52.5°	3	3	3	3	2	2	2	2	2	2	2
-55°	3	3	2	2	2	2	2	2	2	2	1
-57.5°	2	2	2	2	2	2	2	2	2	1	1
-60°	2	2	2	2	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	1
-72.5°	1	1	1	1	1	1	1	1	1	1	1
-75°	1	1	1	1	1	1	1	1	1	0	0
-77.5°	1	1	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: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-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°	0	0	0	0	0	0	0	0	0	0	0
72.5°	1	1	0	0	0	0	0	0	0	0	0
70°	1	1	1	1	1	1	0	0	0	0	0
67.5°	1	1	1	1	1	1	1	1	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	0
60°	1	1	1	1	1	1	1	1	1	1	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	1	1	1	1	1	1	1	1	1	1
50°	2	2	1	1	1	1	1	1	1	1	1
47.5°	2	2	2	1	1	1	1	1	1	1	1
45°	2	2	2	1	1	1	1	1	1	1	1
42.5°	2	2	2	2	1	1	1	1	1	1	1
40°	3	2	2	2	2	1	1	1	1	1	1
37.5°	3	3	2	2	2	1	1	1	1	1	1
35°	3	3	3	2	2	2	1	1	1	1	1
32.5°	3	3	3	2	2	2	1	1	1	1	1
30°	3	3	3	3	2	2	1	1	1	1	1
27.5°	3	3	3	3	2	2	2	1	1	1	1
25°	4	4	3	3	2	2	2	1	1	1	1
22.5°	4	4	3	3	3	2	2	1	1	1	1
20°	4	4	3	3	3	2	2	2	1	1	1
17.5°	5	4	4	3	3	2	2	2	1	1	1
15°	5	4	4	3	3	2	2	2	1	1	1
12.5°	5	4	4	3	3	2	2	2	1	1	1
10°	6	5	4	3	3	3	2	2	2	1	1
7.5°	6	5	4	3	3	3	2	2	2	1	1
5°	6	5	4	3	3	3	2	2	2	1	1
2.5°	6	5	4	3	3	3	2	2	2	1	1
0°	6	5	4	4	3	3	2	2	2	1	1
-2.5°	6	5	4	3	3	3	2	2	2	1	1
-5°	6	5	4	3	3	3	2	2	2	1	1
-7.5°	6	5	4	3	3	3	2	2	2	1	1
-10°	6	5	4	3	3	3	2	2	2	1	1
-12.5°	5	4	4	3	3	2	2	2	1	1	1
-15°	5	4	4	3	3	2	2	2	1	1	1
-17.5°	5	4	4	3	3	2	2	2	1	1	1
-20°	4	4	3	3	3	2	2	2	1	1	1



REPORT NUMBER: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	4	4	3	3	3	2	2	1	1	1	1
-25°	4	4	3	3	2	2	2	1	1	1	1
-27.5°	3	3	3	3	2	2	2	1	1	1	1
-30°	3	3	3	3	2	2	1	1	1	1	1
-32.5°	3	3	3	2	2	2	1	1	1	1	1
-35°	3	3	3	2	2	2	1	1	1	1	1
-37.5°	3	3	2	2	2	1	1	1	1	1	1
-40°	3	2	2	2	2	1	1	1	1	1	1
-42.5°	2	2	2	2	1	1	1	1	1	1	1
-45°	2	2	2	1	1	1	1	1	1	1	1
-47.5°	2	2	2	1	1	1	1	1	1	1	1
-50°	2	2	1	1	1	1	1	1	1	1	1
-52.5°	2	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	0
-62.5°	1	1	1	1	1	1	1	1	1	1	0
-65°	1	1	1	1	1	1	1	1	1	0	0
-67.5°	1	1	1	1	1	1	1	1	0	0	0
-70°	1	1	1	1	1	1	0	0	0	0	0
-72.5°	1	1	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: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 203-8LED3025-12-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°	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°	1	0	0	0	0	0	0
50°	1	0	0	0	0	0	0
47.5°	1	0	0	0	0	0	0
45°	1	0	0	0	0	0	0
42.5°	1	1	0	0	0	0	0
40°	1	1	0	0	0	0	0
37.5°	1	1	0	0	0	0	0
35°	1	1	0	0	0	0	0
32.5°	1	1	0	0	0	0	0
30°	1	1	0	0	0	0	0
27.5°	1	1	0	0	0	0	0
25°	1	1	1	0	0	0	0
22.5°	1	1	1	0	0	0	0
20°	1	1	1	0	0	0	0
17.5°	1	1	1	0	0	0	0
15°	1	1	1	0	0	0	0
12.5°	1	1	1	0	0	0	0
10°	1	1	1	0	0	0	0
7.5°	1	1	1	0	0	0	0
5°	1	1	1	0	0	0	0
2.5°	1	1	1	0	0	0	0
0°	1	1	1	0	0	0	0
-2.5°	1	1	1	0	0	0	0
-5°	1	1	1	0	0	0	0
-7.5°	1	1	1	0	0	0	0
-10°	1	1	1	0	0	0	0
-12.5°	1	1	1	0	0	0	0
-15°	1	1	1	0	0	0	0
-17.5°	1	1	1	0	0	0	0
-20°	1	1	1	0	0	0	0



REPORT NUMBER: P246980 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 203-8LED3025-12-CS-LSL

**CANDELA DISTRIBUTION (continued):**

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