

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: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **203-8LED3036-12-CS-LSL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P246990 (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: 203-8LED3036-12-CS-LSL
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 3000K CCT, 36 DEGREE WIDE OPTIC,
REGRESSED HOOD SILVER, LINEAR SPREAD LENS
Light Source: (1) SORAA 3000K 90 CRI LED
SM16-07-36D-930-03
Ballast/Driver: (1) CHROMA POWER SUPPLY IN0004

Summary

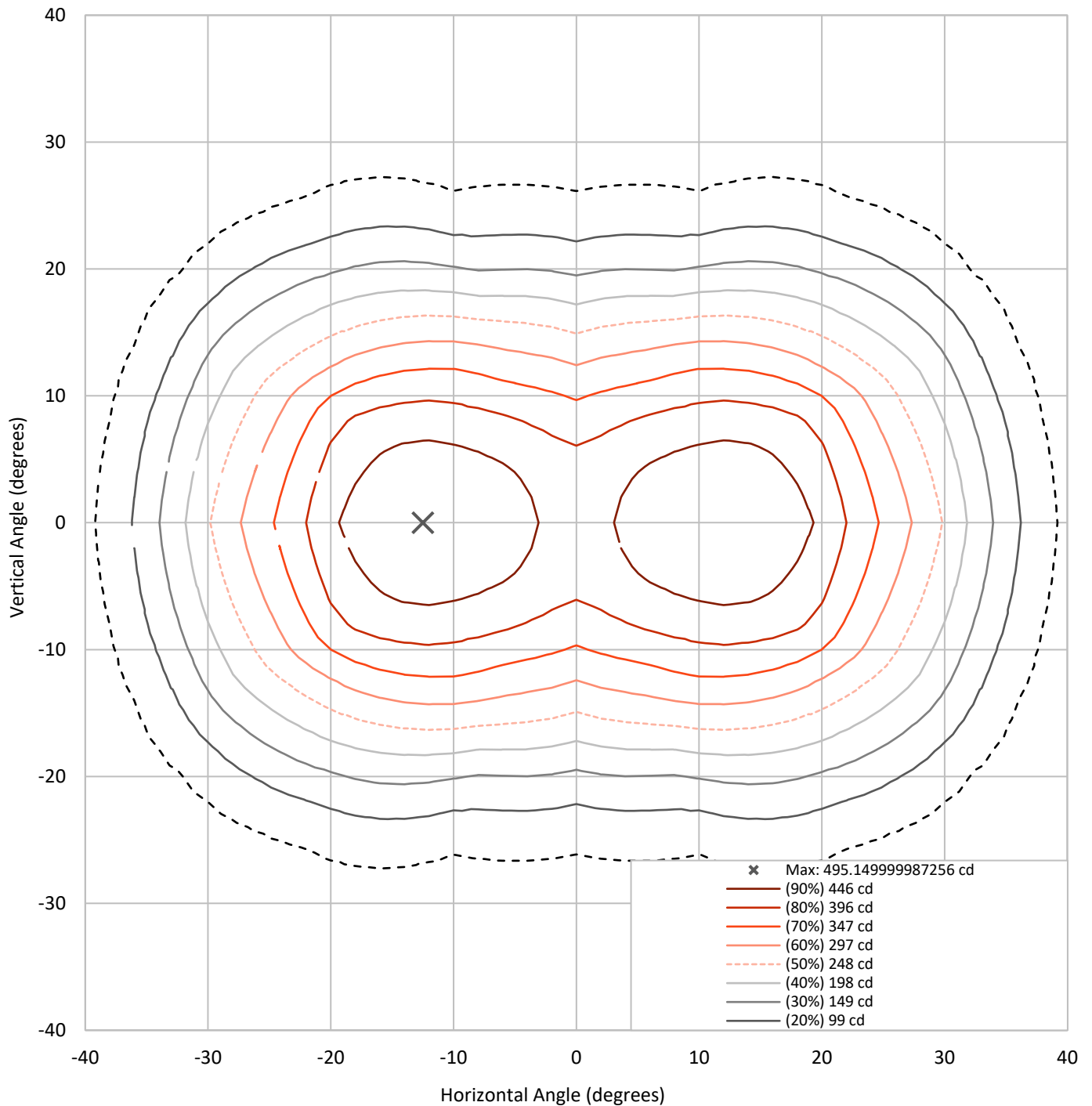
Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	281.1 lumens	Max Intensity:	495.1 candela
Efficiency:	N/A	Max Intensity Angle:	-12.5°H x 0°V
Efficacy:	37.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	59.6°H x 32.7°V	Field Angle (10%):	78.4°H x 53.5°V
Beam Lumens:	181.1 lumens	Field Lumens:	257.7 lumens
Beam Efficiency:	64.4%	Field Efficiency:	91.6%
Input Watts (W):	7.6		
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

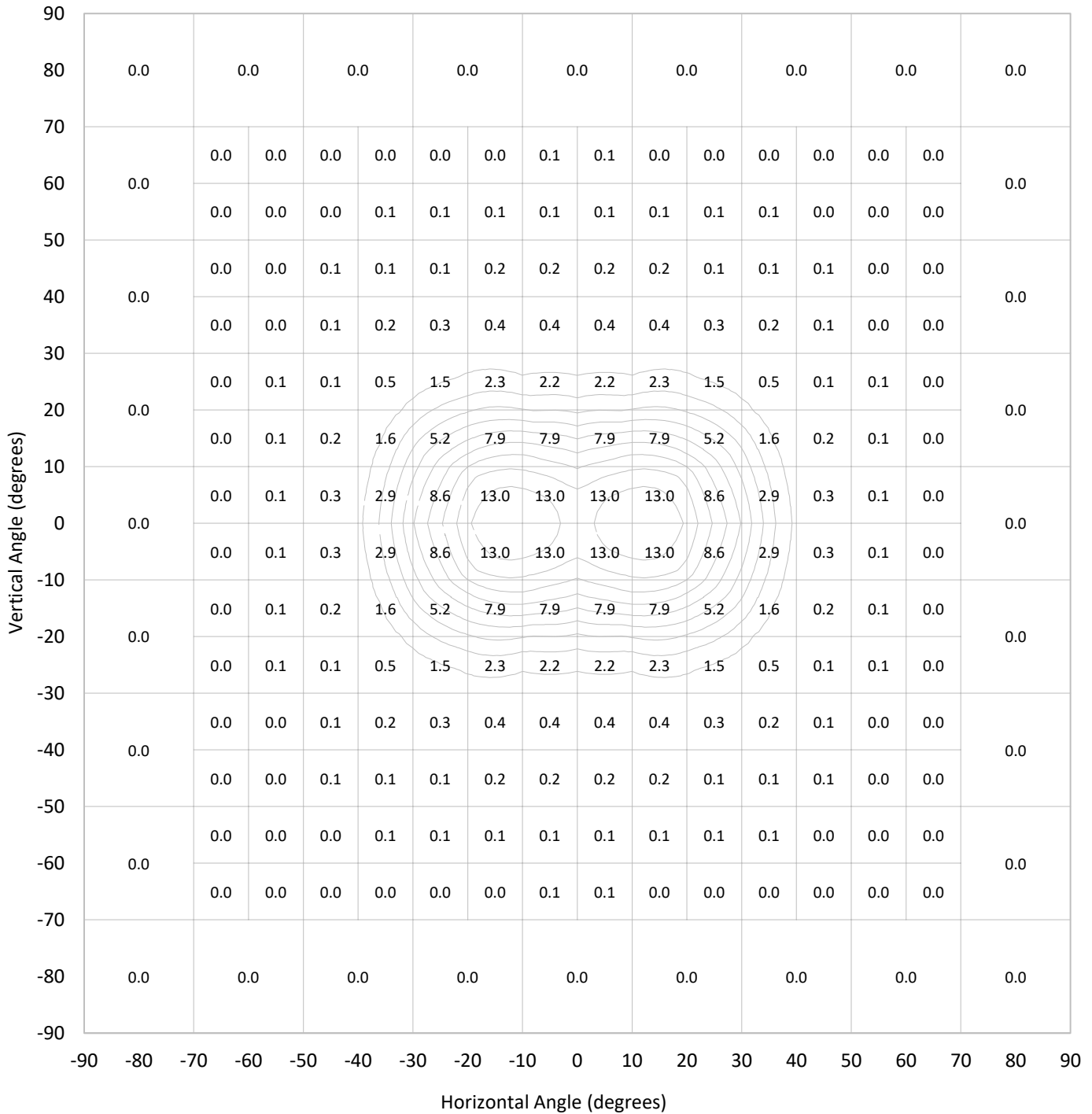




REPORT NUMBER: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)

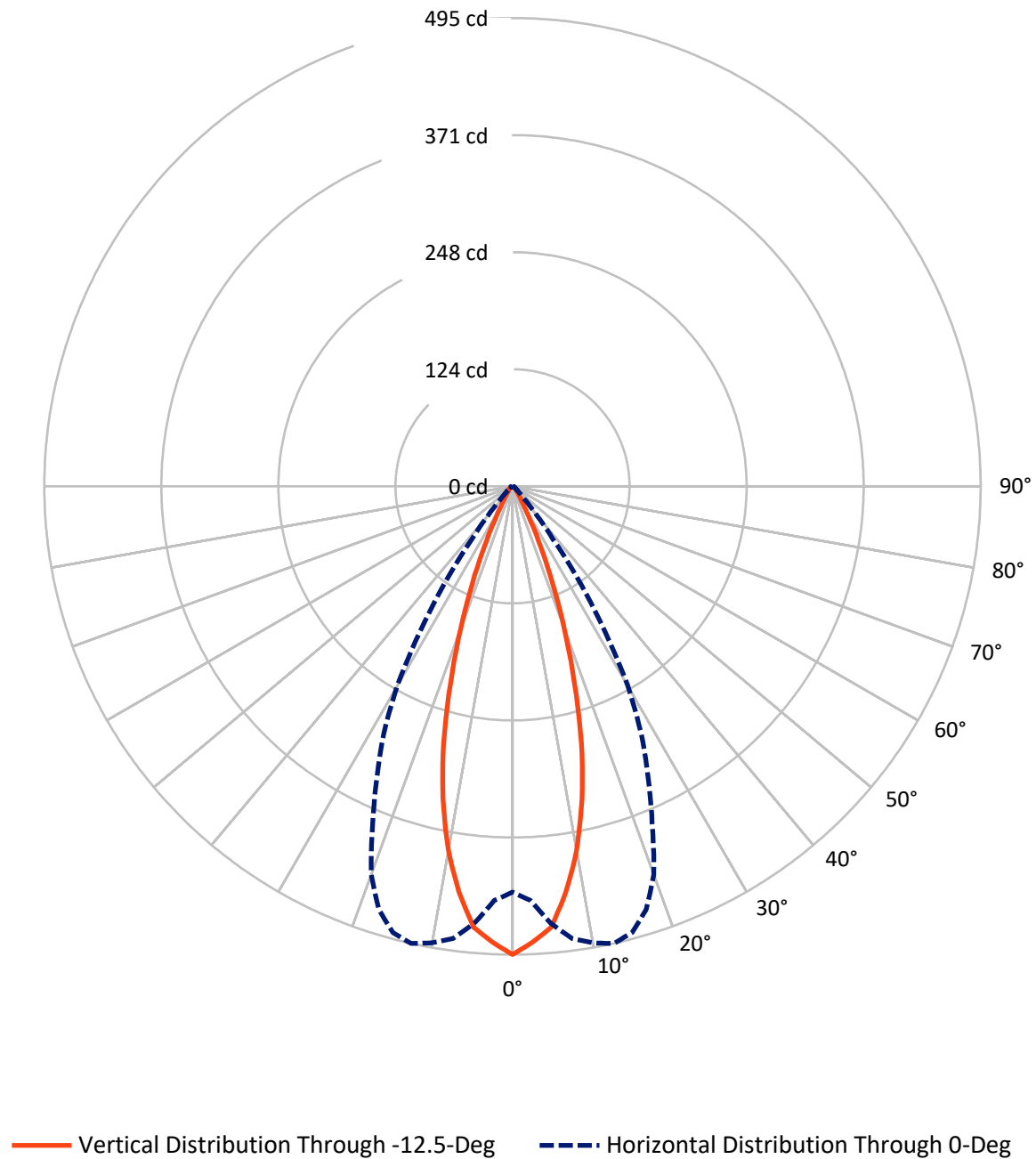
CATALOG NUMBER: 203-8LED3036-12-CS-LSL

Lumen Table



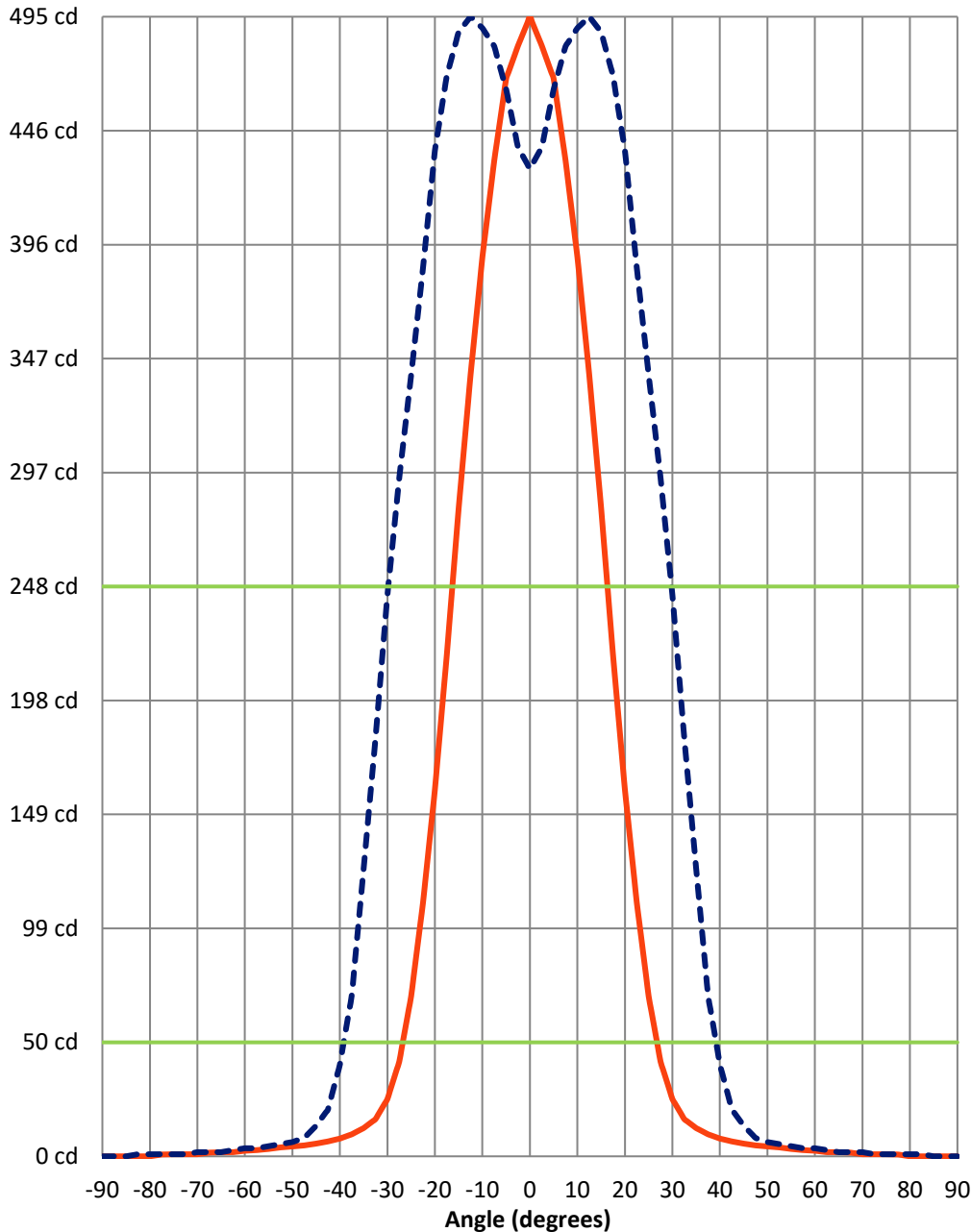
REPORT NUMBER: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 59.6°
 V Angle: 32.7°
 Lumens: 181.1
 Efficiency: 64.4%

Field:
 H Angle: 78.4°
 V Angle: 53.5°
 Lumens: 257.7
 Efficiency: 91.6%

Spill:
 Lumens: 23.5
 Efficiency: 8.4%

— Vertical Distribution through -12.5-Deg
 - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P246990 (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	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: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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	3
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	3	4	4	4	4
37.5°	2	2	2	3	3	3	3	4	4	4	5
35°	2	2	2	3	3	3	4	4	4	5	6
32.5°	2	2	3	3	4	4	4	4	5	5	6
30°	2	2	3	3	4	4	4	4	5	6	7
27.5°	2	2	3	4	4	4	4	5	6	7	9
25°	2	3	3	4	4	4	5	5	7	9	11
22.5°	2	3	3	4	4	5	5	6	8	10	14
20°	2	3	4	4	4	5	5	7	9	13	19
17.5°	2	3	4	4	4	5	6	7	11	15	24
15°	2	3	4	4	5	5	6	8	12	18	30
12.5°	2	3	4	4	5	5	7	10	14	23	40
10°	3	3	4	4	5	6	7	11	16	27	49
7.5°	3	3	4	4	5	6	7	11	17	31	56
5°	3	3	4	4	5	6	8	12	19	35	62
2.5°	3	3	4	4	5	6	8	13	20	38	67
0°	3	4	4	4	5	6	8	13	20	40	70
-2.5°	3	3	4	4	5	6	8	13	20	38	67
-5°	3	3	4	4	5	6	8	12	19	35	62
-7.5°	3	3	4	4	5	6	7	11	17	31	56
-10°	3	3	4	4	5	6	7	11	16	27	49
-12.5°	2	3	4	4	5	5	7	10	14	23	40
-15°	2	3	4	4	5	5	6	8	12	18	30
-17.5°	2	3	4	4	4	5	6	7	11	15	24
-20°	2	3	4	4	4	5	5	7	9	13	19



REPORT NUMBER: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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	3	4	4	5	5	6	8	10	14
-25°	2	3	3	4	4	4	5	5	7	9	11
-27.5°	2	2	3	4	4	4	4	5	6	7	9
-30°	2	2	3	3	4	4	4	4	5	6	7
-32.5°	2	2	3	3	4	4	4	4	5	5	6
-35°	2	2	2	3	3	3	4	4	4	5	6
-37.5°	2	2	2	3	3	3	3	4	4	4	5
-40°	2	2	2	2	3	3	3	4	4	4	4
-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	3
-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: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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	3	4	4	4	4
50°	3	3	3	3	4	4	4	4	4	4	4
47.5°	3	3	4	4	4	5	5	4	5	5	5
45°	4	4	4	5	5	5	5	5	5	6	6
42.5°	4	5	5	5	6	6	6	6	6	6	7
40°	5	5	6	6	6	7	7	7	7	8	8
37.5°	6	6	6	7	8	8	9	9	9	10	10
35°	6	7	7	9	10	11	11	12	12	12	13
32.5°	7	8	10	11	12	15	16	18	18	16	17
30°	9	11	13	15	17	21	25	28	28	25	25
27.5°	12	15	18	23	27	32	40	45	46	41	37
25°	15	20	29	38	45	53	65	72	74	70	60
22.5°	21	32	45	59	74	87	98	109	113	110	100
20°	28	45	67	90	111	128	142	155	161	159	152
17.5°	42	67	96	125	151	172	191	206	215	218	215
15°	54	90	128	163	191	218	242	260	275	281	281
12.5°	69	110	157	201	233	264	293	319	334	339	340
10°	85	131	180	225	268	310	346	373	384	391	387
7.5°	98	149	201	249	292	337	387	419	429	433	427
5°	110	163	219	268	312	359	408	439	458	468	462
2.5°	119	174	233	283	328	376	425	456	475	483	478
0°	125	182	244	295	339	386	437	469	488	495	490
-2.5°	119	174	233	283	328	376	425	456	475	483	478
-5°	110	163	219	268	312	359	408	439	458	468	462
-7.5°	98	149	201	249	292	337	387	419	429	433	427
-10°	85	131	180	225	268	310	346	373	384	391	387
-12.5°	69	110	157	201	233	264	293	319	334	339	340
-15°	54	90	128	163	191	218	242	260	275	281	281
-17.5°	42	67	96	125	151	172	191	206	215	218	215
-20°	28	45	67	90	111	128	142	155	161	159	152



REPORT NUMBER: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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	45	59	74	87	98	109	113	110	100
-25°	15	20	29	38	45	53	65	72	74	70	60
-27.5°	12	15	18	23	27	32	40	45	46	41	37
-30°	9	11	13	15	17	21	25	28	28	25	25
-32.5°	7	8	10	11	12	15	16	18	18	16	17
-35°	6	7	7	9	10	11	11	12	12	12	13
-37.5°	6	6	6	7	8	8	9	9	9	10	10
-40°	5	5	6	6	6	7	7	7	7	8	8
-42.5°	4	5	5	5	6	6	6	6	6	6	7
-45°	4	4	4	5	5	5	5	5	5	6	6
-47.5°	3	3	4	4	4	5	5	4	5	5	5
-50°	3	3	3	3	4	4	4	4	4	4	4
-52.5°	3	3	3	3	3	3	3	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: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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°	3	3	3	4	3	3	3	3	3	3	3
52.5°	4	4	4	4	4	4	4	4	4	4	4
50°	4	4	4	4	4	4	4	4	4	4	4
47.5°	5	5	5	4	5	5	5	5	5	5	4
45°	6	6	5	5	5	6	6	6	6	5	5
42.5°	7	7	7	7	7	7	7	7	6	6	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°	13	14	14	13	14	14	13	13	12	12	12
32.5°	18	18	18	17	18	18	18	17	16	18	18
30°	26	26	25	24	25	26	26	25	25	28	28
27.5°	40	40	39	36	39	40	40	37	41	46	45
25°	64	66	65	60	65	66	64	60	70	74	72
22.5°	98	101	99	93	99	101	98	100	110	113	109
20°	144	149	147	137	147	149	144	152	159	161	155
17.5°	205	208	204	191	204	208	205	215	218	215	206
15°	274	267	261	247	261	267	274	281	281	275	260
12.5°	331	316	310	296	310	316	331	340	339	334	319
10°	377	365	355	341	355	365	377	387	391	384	373
7.5°	422	408	393	381	393	408	422	427	433	429	419
5°	452	441	419	408	419	441	452	462	468	458	439
2.5°	474	457	433	421	433	457	474	478	483	475	456
0°	482	464	438	429	438	464	482	490	495	488	469
-2.5°	474	457	433	421	433	457	474	478	483	475	456
-5°	452	441	419	408	419	441	452	462	468	458	439
-7.5°	422	408	393	381	393	408	422	427	433	429	419
-10°	377	365	355	341	355	365	377	387	391	384	373
-12.5°	331	316	310	296	310	316	331	340	339	334	319
-15°	274	267	261	247	261	267	274	281	281	275	260
-17.5°	205	208	204	191	204	208	205	215	218	215	206
-20°	144	149	147	137	147	149	144	152	159	161	155



REPORT NUMBER: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-CS-LSL

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	98	101	99	93	99	101	98	100	110	113	109
-25°	64	66	65	60	65	66	64	60	70	74	72
-27.5°	40	40	39	36	39	40	40	37	41	46	45
-30°	26	26	25	24	25	26	26	25	25	28	28
-32.5°	18	18	18	17	18	18	18	17	16	18	18
-35°	13	14	14	13	14	14	13	13	12	12	12
-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	6	6	6
-45°	6	6	5	5	5	6	6	6	6	5	5
-47.5°	5	5	5	4	5	5	5	5	5	5	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	4	4	4	4	4	4	4	4	4	4	4
-55°	3	3	3	4	3	3	3	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: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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°	3	3	3	3	3	3	3	3	3	2	2
50°	4	4	4	3	3	3	3	3	3	3	3
47.5°	5	5	4	4	4	3	3	3	3	3	3
45°	5	5	5	5	4	4	4	4	4	3	3
42.5°	6	6	6	5	5	5	4	4	4	4	3
40°	7	7	6	6	6	5	5	4	4	4	4
37.5°	9	8	8	7	6	6	6	5	4	4	4
35°	11	11	10	9	7	7	6	6	5	4	4
32.5°	16	15	12	11	10	8	7	6	5	5	4
30°	25	21	17	15	13	11	9	7	6	5	4
27.5°	40	32	27	23	18	15	12	9	7	6	5
25°	65	53	45	38	29	20	15	11	9	7	5
22.5°	98	87	74	59	45	32	21	14	10	8	6
20°	142	128	111	90	67	45	28	19	13	9	7
17.5°	191	172	151	125	96	67	42	24	15	11	7
15°	242	218	191	163	128	90	54	30	18	12	8
12.5°	293	264	233	201	157	110	69	40	23	14	10
10°	346	310	268	225	180	131	85	49	27	16	11
7.5°	387	337	292	249	201	149	98	56	31	17	11
5°	408	359	312	268	219	163	110	62	35	19	12
2.5°	425	376	328	283	233	174	119	67	38	20	13
0°	437	386	339	295	244	182	125	70	40	20	13
-2.5°	425	376	328	283	233	174	119	67	38	20	13
-5°	408	359	312	268	219	163	110	62	35	19	12
-7.5°	387	337	292	249	201	149	98	56	31	17	11
-10°	346	310	268	225	180	131	85	49	27	16	11
-12.5°	293	264	233	201	157	110	69	40	23	14	10
-15°	242	218	191	163	128	90	54	30	18	12	8
-17.5°	191	172	151	125	96	67	42	24	15	11	7
-20°	142	128	111	90	67	45	28	19	13	9	7



REPORT NUMBER: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-CS-LSL

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	98	87	74	59	45	32	21	14	10	8	6
-25°	65	53	45	38	29	20	15	11	9	7	5
-27.5°	40	32	27	23	18	15	12	9	7	6	5
-30°	25	21	17	15	13	11	9	7	6	5	4
-32.5°	16	15	12	11	10	8	7	6	5	5	4
-35°	11	11	10	9	7	7	6	6	5	4	4
-37.5°	9	8	8	7	6	6	6	5	4	4	4
-40°	7	7	6	6	6	5	5	4	4	4	4
-42.5°	6	6	6	5	5	5	4	4	4	4	3
-45°	5	5	5	5	4	4	4	4	4	3	3
-47.5°	5	5	4	4	4	3	3	3	3	3	3
-50°	4	4	4	3	3	3	3	3	3	3	3
-52.5°	3	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: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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°	3	3	3	2	2	2	2	1	1	1	1
37.5°	3	3	3	3	2	2	2	2	1	1	1
35°	4	3	3	3	2	2	2	2	1	1	1
32.5°	4	4	4	3	3	2	2	2	1	1	1
30°	4	4	4	4	3	3	2	2	2	1	1
27.5°	4	4	4	4	3	3	2	2	2	1	1
25°	5	4	4	4	3	3	2	2	2	1	1
22.5°	5	5	4	4	3	3	2	2	2	1	1
20°	5	5	4	4	4	3	2	2	2	1	1
17.5°	6	5	4	4	4	3	2	2	2	1	1
15°	6	5	5	4	4	3	2	2	2	2	1
12.5°	7	5	5	4	4	3	2	2	2	2	1
10°	7	6	5	4	4	3	3	2	2	2	1
7.5°	7	6	5	4	4	3	3	2	2	2	1
5°	8	6	5	4	4	3	3	2	2	2	1
2.5°	8	6	5	4	4	3	3	2	2	2	1
0°	8	6	5	4	4	4	3	2	2	2	1
-2.5°	8	6	5	4	4	3	3	2	2	2	1
-5°	8	6	5	4	4	3	3	2	2	2	1
-7.5°	7	6	5	4	4	3	3	2	2	2	1
-10°	7	6	5	4	4	3	3	2	2	2	1
-12.5°	7	5	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	4	4	4	3	2	2	2	1	1
-20°	5	5	4	4	4	3	2	2	2	1	1



REPORT NUMBER: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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	3	3	2	2	2	1	1
-25°	5	4	4	4	3	3	2	2	2	1	1
-27.5°	4	4	4	4	3	2	2	2	2	1	1
-30°	4	4	4	3	3	2	2	2	2	1	1
-32.5°	4	4	4	3	3	2	2	2	1	1	1
-35°	4	3	3	3	2	2	2	2	1	1	1
-37.5°	3	3	3	3	2	2	2	2	1	1	1
-40°	3	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: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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: P246990 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 203-8LED3036-12-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)