

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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **206-8LED3010-12-XX-LSL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1802-569-25)
Test Lab: INNOVATION CENTER(G2)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 206-8LED3010-12-XX-LSL
Description: CAMBRIA 203 LED LUMINAIRE, 8 WATT, 3000K CCT, 10 DEGREE SPOT OPTIC,
REGRESSED HOOD BLACK, LINEAR SPREAD LENS
Light Source: (1) SORAA 3000K 95 CRI 10°NSP LED
SM16-07-10D-930-03
Ballast/Driver: CHROMA POWER SUPPLY IN0004

Summary

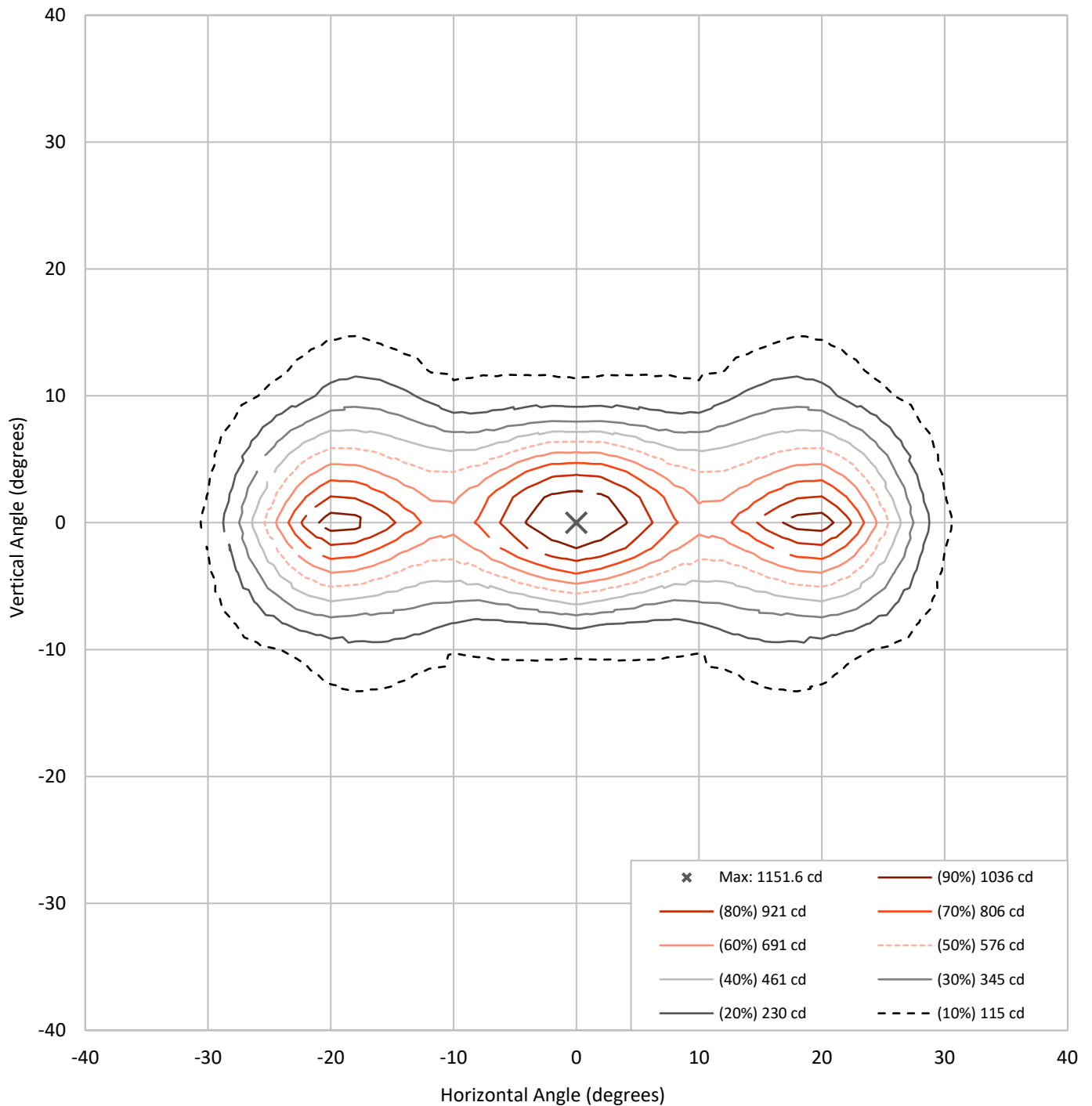
Lumens per Lamp:	N/A	NEMA Type:	4H x 2V
Luminaire Lumens:	224.4 lumens	Max Intensity:	1151.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	28.0 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	50.8°H x 12°V	Field Angle (10%):	61.2°H x 22.1°V
Beam Lumens:	105.6 lumens	Field Lumens:	184.2 lumens
Beam Efficiency:	47.1%	Field Efficiency:	82.1%
Input Watts (W):	8		
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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 206-8LED3010-12-XX-LSL

Iso-Candela Plot





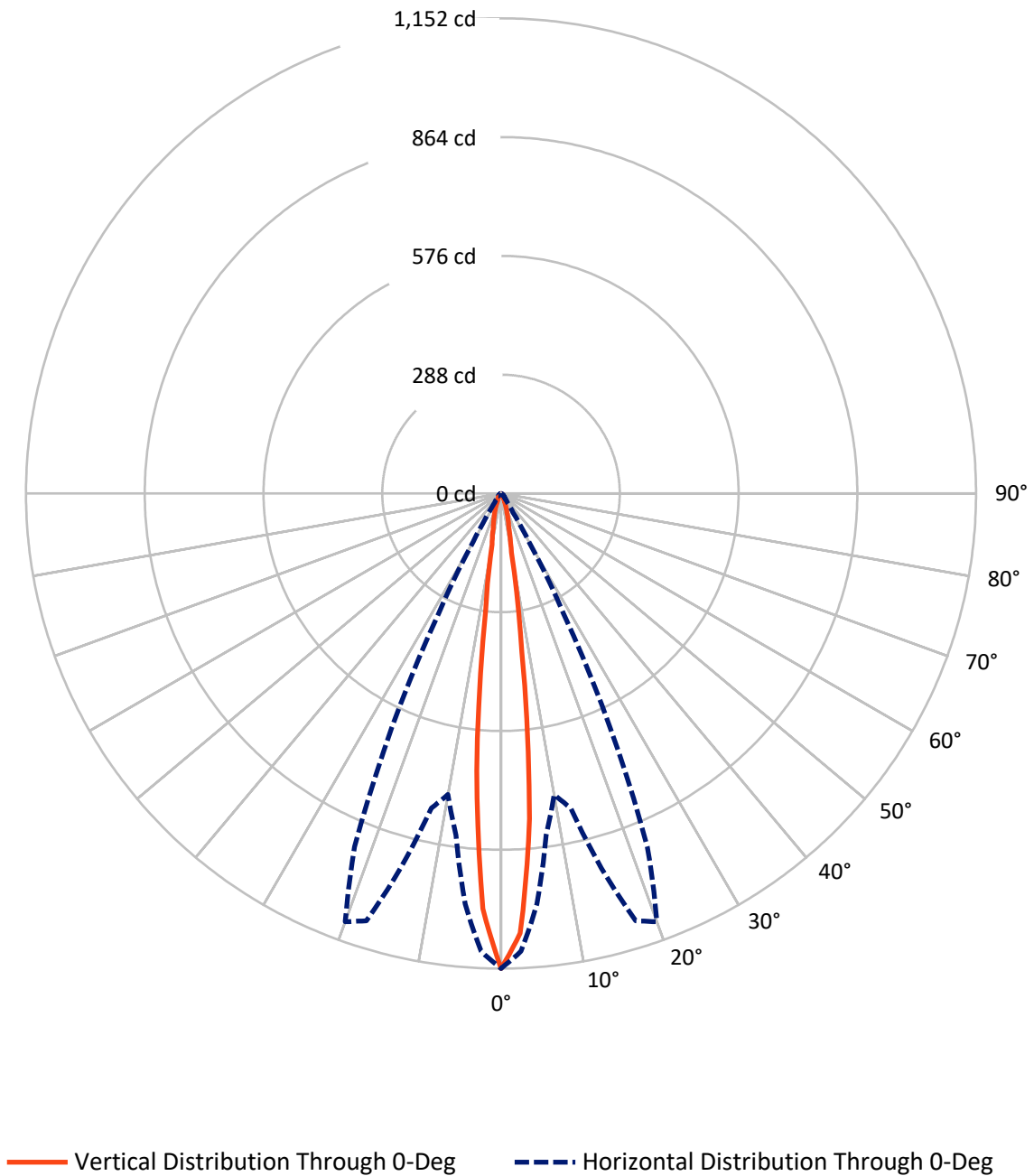
REPORT NUMBER: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-LSL

Lumen Table

90	0.0																		
80	0.0																		
70	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	0.0	0.0			
50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0			
40	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0			
30	0.0	0.0	0.1	0.2	0.4	0.6	0.6	0.6	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0			
20	0.0	0.1	0.2	0.4	1.8	3.0	2.3	2.3	3.0	1.8	0.4	0.2	0.1	0.0	0.0	0.0			
10	0.0	0.1	0.2	0.8	10.5	17.1	18.7	18.7	17.1	10.5	0.8	0.2	0.1	0.0	0.0	0.0			
0	0.0	0.1	0.2	0.8	9.8	15.2	16.3	16.3	15.2	9.8	0.8	0.2	0.1	0.0	0.0	0.0			
-10	0.0	0.1	0.2	0.4	1.4	2.4	2.2	2.2	2.4	1.4	0.4	0.2	0.1	0.0	0.0	0.0			
-20	0.0	0.0	0.1	0.2	0.4	0.6	0.7	0.7	0.6	0.4	0.2	0.1	0.0	0.0	0.0	0.0			
-30	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0			
-40	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	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	0.0	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	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																		
-90	0.0																		
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

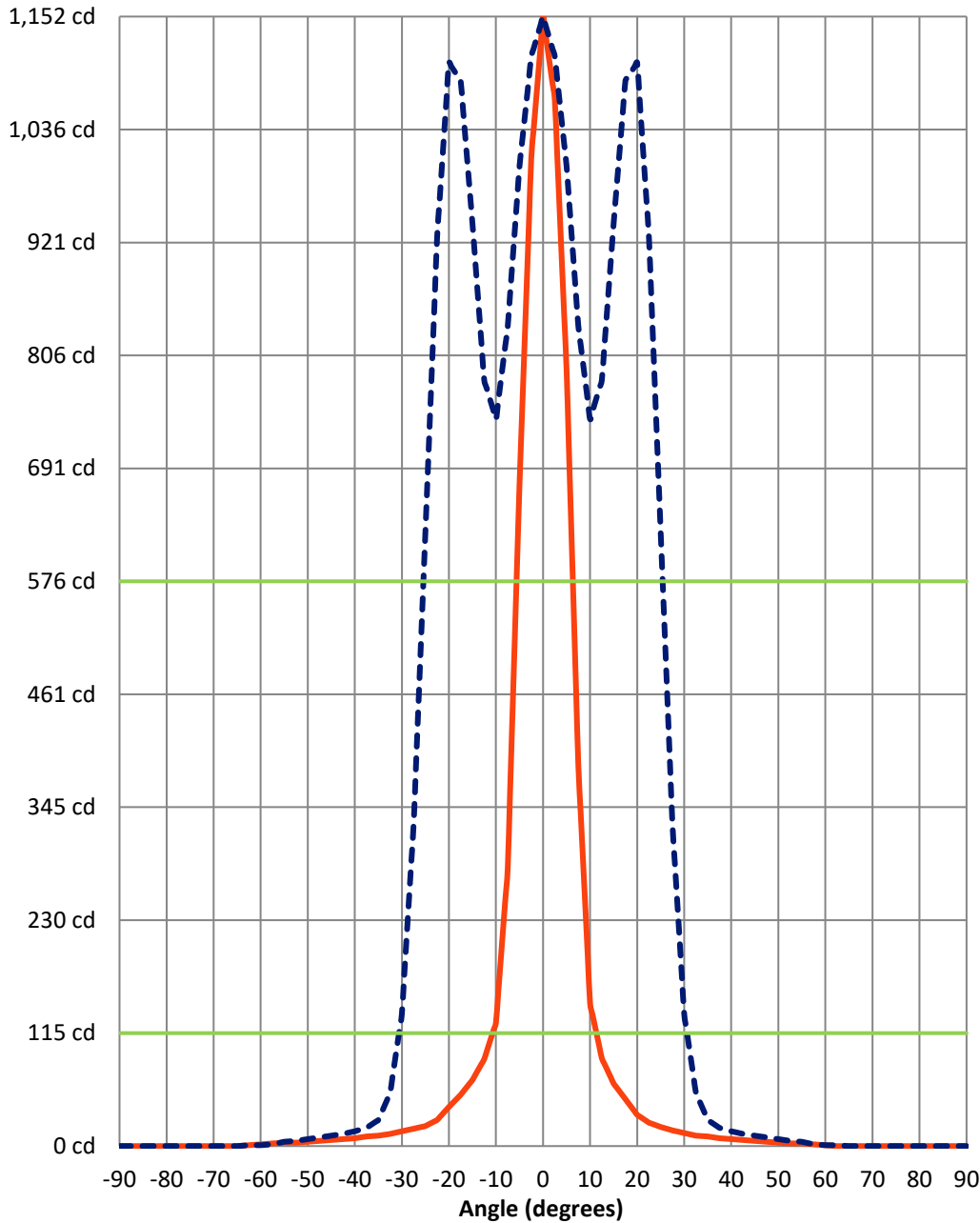
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 50.8°
V Angle: 12°
Lumens: 105.6
Efficiency: 47.1%

Field:
H Angle: 61.2°
V Angle: 22.1°
Lumens: 184.2
Efficiency: 82.1%

Spill:
Lumens: 40.2
Efficiency: 17.9%

— 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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-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	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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-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	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	2
45°	0	0	0	0	0	0	0	1	1	2	2
42.5°	0	0	0	0	0	0	1	1	2	3	3
40°	0	0	0	0	0	1	1	2	3	4	4
37.5°	0	0	0	0	0	1	2	3	4	4	5
35°	0	0	0	0	1	2	2	3	4	5	6
32.5°	0	0	0	1	1	2	3	4	5	6	6
30°	0	0	0	1	2	3	4	5	6	6	7
27.5°	0	0	0	1	2	3	4	5	6	7	8
25°	0	0	1	1	3	4	5	6	7	8	9
22.5°	0	0	1	2	3	4	5	7	7	9	9
20°	0	1	1	2	4	5	6	7	8	9	10
17.5°	0	1	1	2	4	5	7	8	9	10	12
15°	0	1	1	3	4	5	7	8	10	11	13
12.5°	0	1	1	3	5	6	7	9	10	12	14
10°	1	1	2	4	5	6	8	9	11	13	15
7.5°	1	1	2	4	5	7	8	10	11	13	16
5°	1	1	2	4	5	7	8	10	12	14	17
2.5°	1	1	2	4	5	7	9	10	12	15	18
0°	1	1	2	4	5	7	9	11	12	15	19
-2.5°	1	1	2	4	5	7	9	10	12	15	18
-5°	1	1	2	4	5	7	8	10	12	14	17
-7.5°	1	1	2	4	5	7	8	10	11	13	16
-10°	1	1	2	4	5	6	8	9	11	13	15
-12.5°	1	1	1	3	5	6	7	9	10	12	14
-15°	1	1	1	3	4	5	7	8	10	11	13
-17.5°	0	1	1	2	4	5	7	8	9	10	12
-20°	0	1	1	2	4	5	6	7	8	9	10



REPORT NUMBER: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-LSL

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	0	1	1	2	3	4	5	7	7	9	9
-25°	0	1	1	1	3	4	5	6	7	8	9
-27.5°	0	0	1	1	2	3	4	5	6	7	8
-30°	0	0	1	1	2	3	4	5	6	6	7
-32.5°	0	0	1	1	1	2	3	4	5	6	6
-35°	0	0	0	1	1	2	3	4	4	5	6
-37.5°	0	0	0	1	1	1	2	3	4	4	5
-40°	0	0	0	0	1	1	2	2	3	4	4
-42.5°	0	0	0	0	1	1	1	2	3	3	4
-45°	0	0	0	0	0	1	1	1	2	3	3
-47.5°	0	0	0	0	0	0	1	1	2	2	3
-50°	0	0	0	0	0	0	0	1	1	2	2
-52.5°	0	0	0	0	0	0	0	0	1	1	1
-55°	0	0	0	0	0	0	0	0	0	0	1
-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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-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	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	2
55°	0	1	1	1	1	2	2	2	2	2	2
52.5°	1	1	2	2	2	2	3	3	3	3	3
50°	2	2	2	3	3	3	3	4	4	4	4
47.5°	2	3	3	4	4	4	4	4	5	5	5
45°	3	4	4	5	5	5	5	5	5	6	6
42.5°	4	5	5	5	6	6	6	6	6	6	6
40°	5	5	6	6	6	7	7	7	7	7	7
37.5°	6	6	6	7	7	8	8	8	8	8	9
35°	6	7	7	8	9	9	9	9	10	10	10
32.5°	7	8	9	9	9	10	11	11	11	11	11
30°	8	9	10	10	11	11	12	12	13	13	13
27.5°	9	10	11	11	12	13	14	15	15	15	15
25°	10	11	12	13	14	15	16	17	18	19	19
22.5°	11	12	14	15	17	19	20	22	23	24	24
20°	12	13	16	19	23	26	28	28	31	33	33
17.5°	13	16	19	24	31	42	51	45	42	45	46
15°	14	18	23	32	49	72	95	102	68	61	65
12.5°	17	22	30	42	72	120	171	190	161	91	90
10°	19	28	47	82	133	189	271	308	278	215	140
7.5°	21	34	68	138	245	358	431	431	411	362	310
5°	23	41	91	203	373	550	655	650	580	527	521
2.5°	25	48	114	269	505	745	884	867	760	661	659
0°	27	54	135	328	626	927	1105	1086	941	781	741
-2.5°	25	48	114	266	493	718	843	822	713	613	608
-5°	23	41	90	197	351	500	579	559	485	429	435
-7.5°	21	34	66	131	218	296	327	297	305	285	251
-10°	19	27	45	76	109	126	179	211	207	173	119
-12.5°	16	21	29	38	59	86	118	134	124	84	85
-15°	14	17	22	30	42	57	71	78	62	61	65
-17.5°	13	15	18	23	29	38	44	43	43	47	50
-20°	12	13	15	19	22	26	27	29	33	35	37



REPORT NUMBER: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-LSL

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	11	12	14	15	17	19	21	23	25	26	27
-25°	10	11	12	13	14	15	17	18	20	20	20
-27.5°	9	10	11	11	12	13	14	15	16	17	17
-30°	8	9	10	10	11	12	12	13	13	14	14
-32.5°	7	8	9	9	10	10	11	11	12	12	12
-35°	6	7	7	8	9	9	10	10	11	11	11
-37.5°	6	6	6	7	8	8	9	9	9	9	10
-40°	5	5	6	6	7	7	8	8	8	8	8
-42.5°	4	5	5	5	6	6	6	7	7	7	7
-45°	4	4	4	5	5	5	5	5	6	6	6
-47.5°	3	3	4	4	4	4	4	4	5	5	5
-50°	2	3	3	3	3	3	4	4	4	4	4
-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°	0	1	1	1	1	2	2	2	2	2	3
-60°	0	0	0	0	1	1	1	1	1	2	2
-62.5°	0	0	0	0	0	0	0	0	1	1	1
-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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-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	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°	2	2	2	2	2	2	2	2	1	1	1
55°	3	3	3	3	3	3	3	2	2	2	2
52.5°	3	3	3	3	3	3	3	3	3	3	3
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°	6	6	6	6	6	6	6	6	6	6	6
40°	7	7	7	7	7	7	7	7	7	7	7
37.5°	9	9	8	8	8	9	9	9	8	8	8
35°	10	10	10	10	10	10	10	10	10	10	9
32.5°	11	11	11	11	11	11	11	11	11	11	11
30°	13	13	13	13	13	13	13	13	13	13	12
27.5°	16	16	16	16	16	16	16	15	15	15	15
25°	19	20	20	20	20	20	19	19	19	18	17
22.5°	24	25	25	24	25	25	24	24	24	23	22
20°	32	34	33	32	33	34	32	33	33	31	28
17.5°	46	48	49	48	49	48	46	46	45	42	45
15°	66	66	66	64	66	66	66	65	61	68	102
12.5°	95	90	93	90	93	90	95	90	91	161	190
10°	151	164	158	145	158	164	151	140	215	278	308
7.5°	298	341	394	388	394	341	298	310	362	411	431
5°	544	659	781	792	781	659	544	521	527	580	650
2.5°	758	927	1038	1067	1038	927	758	659	661	760	867
0°	836	999	1111	1152	1111	999	836	741	781	941	1086
-2.5°	693	847	958	1008	958	847	693	608	613	713	822
-5°	446	515	613	675	613	515	446	435	429	485	559
-7.5°	210	236	254	284	254	236	210	251	285	305	297
-10°	125	130	128	126	128	130	125	119	173	207	211
-12.5°	88	86	90	89	90	86	88	85	84	124	134
-15°	66	67	68	67	68	67	66	65	61	62	78
-17.5°	51	52	53	52	53	52	51	50	47	43	43
-20°	38	40	41	40	41	40	38	37	35	33	29



REPORT NUMBER: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-LSL

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	28	29	28	27	28	29	28	27	26	25	23
-25°	21	21	21	20	21	21	21	20	20	20	18
-27.5°	17	18	18	18	18	18	17	17	17	16	15
-30°	15	15	15	15	15	15	15	14	14	13	13
-32.5°	12	13	13	12	13	13	12	12	12	12	11
-35°	11	11	11	11	11	11	11	11	11	11	10
-37.5°	10	10	10	10	10	10	10	10	9	9	9
-40°	8	8	8	8	8	8	8	8	8	8	8
-42.5°	7	7	7	7	7	7	7	7	7	7	7
-45°	6	6	6	6	6	6	6	6	6	6	5
-47.5°	5	5	5	5	5	5	5	5	5	5	4
-50°	4	4	4	4	4	4	4	4	4	4	4
-52.5°	3	3	3	4	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	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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-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°	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°	2	2	1	1	1	1	0	0	0	0	0
52.5°	3	2	2	2	2	1	1	0	0	0	0
50°	3	3	3	3	2	2	2	1	1	0	0
47.5°	4	4	4	4	3	3	2	2	1	1	0
45°	5	5	5	5	4	4	3	2	2	1	1
42.5°	6	6	6	5	5	5	4	3	3	2	1
40°	7	7	6	6	6	5	5	4	4	3	2
37.5°	8	8	7	7	6	6	6	5	4	4	3
35°	9	9	9	8	7	7	6	6	5	4	3
32.5°	11	10	9	9	9	8	7	6	6	5	4
30°	12	11	11	10	10	9	8	7	6	6	5
27.5°	14	13	12	11	11	10	9	8	7	6	5
25°	16	15	14	13	12	11	10	9	8	7	6
22.5°	20	19	17	15	14	12	11	9	9	7	7
20°	28	26	23	19	16	13	12	10	9	8	7
17.5°	51	42	31	24	19	16	13	12	10	9	8
15°	95	72	49	32	23	18	14	13	11	10	8
12.5°	171	120	72	42	30	22	17	14	12	10	9
10°	271	189	133	82	47	28	19	15	13	11	9
7.5°	431	358	245	138	68	34	21	16	13	11	10
5°	655	550	373	203	91	41	23	17	14	12	10
2.5°	884	745	505	269	114	48	25	18	15	12	10
0°	1105	927	626	328	135	54	27	19	15	12	11
-2.5°	843	718	493	266	114	48	25	18	15	12	10
-5°	579	500	351	197	90	41	23	17	14	12	10
-7.5°	327	296	218	131	66	34	21	16	13	11	10
-10°	179	126	109	76	45	27	19	15	13	11	9
-12.5°	118	86	59	38	29	21	16	14	12	10	9
-15°	71	57	42	30	22	17	14	13	11	10	8
-17.5°	44	38	29	23	18	15	13	12	10	9	8
-20°	27	26	22	19	15	13	12	10	9	8	7



REPORT NUMBER: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-LSL

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	21	19	17	15	14	12	11	9	9	7	7
-25°	17	15	14	13	12	11	10	9	8	7	6
-27.5°	14	13	12	11	11	10	9	8	7	6	5
-30°	12	12	11	10	10	9	8	7	6	6	5
-32.5°	11	10	10	9	9	8	7	6	6	5	4
-35°	10	9	9	8	7	7	6	6	5	4	4
-37.5°	9	8	8	7	6	6	6	5	4	4	3
-40°	8	7	7	6	6	5	5	4	4	3	2
-42.5°	6	6	6	5	5	5	4	4	3	3	2
-45°	5	5	5	5	4	4	4	3	3	2	1
-47.5°	4	4	4	4	4	3	3	3	2	2	1
-50°	4	3	3	3	3	3	2	2	2	1	1
-52.5°	3	3	3	3	2	2	2	1	1	1	0
-55°	3	3	2	2	2	1	1	1	0	0	0
-57.5°	2	2	1	1	1	1	0	0	0	0	0
-60°	1	1	1	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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-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°	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°	2	1	0	0	0	0	0	0	0	0	0
35°	2	2	1	0	0	0	0	0	0	0	0
32.5°	3	2	1	1	0	0	0	0	0	0	0
30°	4	3	2	1	0	0	0	0	0	0	0
27.5°	4	3	2	1	0	0	0	0	0	0	0
25°	5	4	3	1	1	0	0	0	0	0	0
22.5°	5	4	3	2	1	0	0	0	0	0	0
20°	6	5	4	2	1	1	0	0	0	0	0
17.5°	7	5	4	2	1	1	0	0	0	0	0
15°	7	5	4	3	1	1	0	0	0	0	0
12.5°	7	6	5	3	1	1	0	0	0	0	0
10°	8	6	5	4	2	1	1	0	0	0	0
7.5°	8	7	5	4	2	1	1	0	0	0	0
5°	8	7	5	4	2	1	1	0	0	0	0
2.5°	9	7	5	4	2	1	1	0	0	0	0
0°	9	7	5	4	2	1	1	0	0	0	0
-2.5°	9	7	5	4	2	1	1	0	0	0	0
-5°	8	7	5	4	2	1	1	0	0	0	0
-7.5°	8	7	5	4	2	1	1	0	0	0	0
-10°	8	6	5	4	2	1	1	0	0	0	0
-12.5°	7	6	5	3	1	1	1	0	0	0	0
-15°	7	5	4	3	1	1	1	0	0	0	0
-17.5°	7	5	4	2	1	1	0	0	0	0	0
-20°	6	5	4	2	1	1	0	0	0	0	0



REPORT NUMBER: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-LSL

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	5	4	3	2	1	1	0	0	0	0	0
-25°	5	4	3	1	1	1	0	0	0	0	0
-27.5°	4	3	2	1	1	0	0	0	0	0	0
-30°	4	3	2	1	1	0	0	0	0	0	0
-32.5°	3	2	1	1	1	0	0	0	0	0	0
-35°	3	2	1	1	0	0	0	0	0	0	0
-37.5°	2	1	1	1	0	0	0	0	0	0	0
-40°	2	1	1	0	0	0	0	0	0	0	0
-42.5°	1	1	1	0	0	0	0	0	0	0	0
-45°	1	1	0	0	0	0	0	0	0	0	0
-47.5°	1	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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 206-8LED3010-12-XX-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°	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: P246966 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 206-8LED3010-12-XX-LSL

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)