

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: P394991

Luminaire Tested: **303-W2-LEDB2-2700-UNV-T2-DIM10-CS-EDGE**

Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P394991  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-623-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/9/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 303-W2-LEDB2-2700-UNV-T2-DIM10-CS-EDGE  
Description: LUMIERE EON LED LUMINAIRE  
WALL MOUNT, DIRECT-INDIRECT, TWO LIGHTBARS, TYPE 2 WITH EDGE GLOW  
Light Source: 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 985.6 lumens  
Efficiency: N/A  
Efficacy: 63.6 lumens/watt  
Spacing Criteria (0/90/45): 1.45 / 1.71 / 1.67  
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.21' x H: 1.52')  
CIE Type: General Diffuse

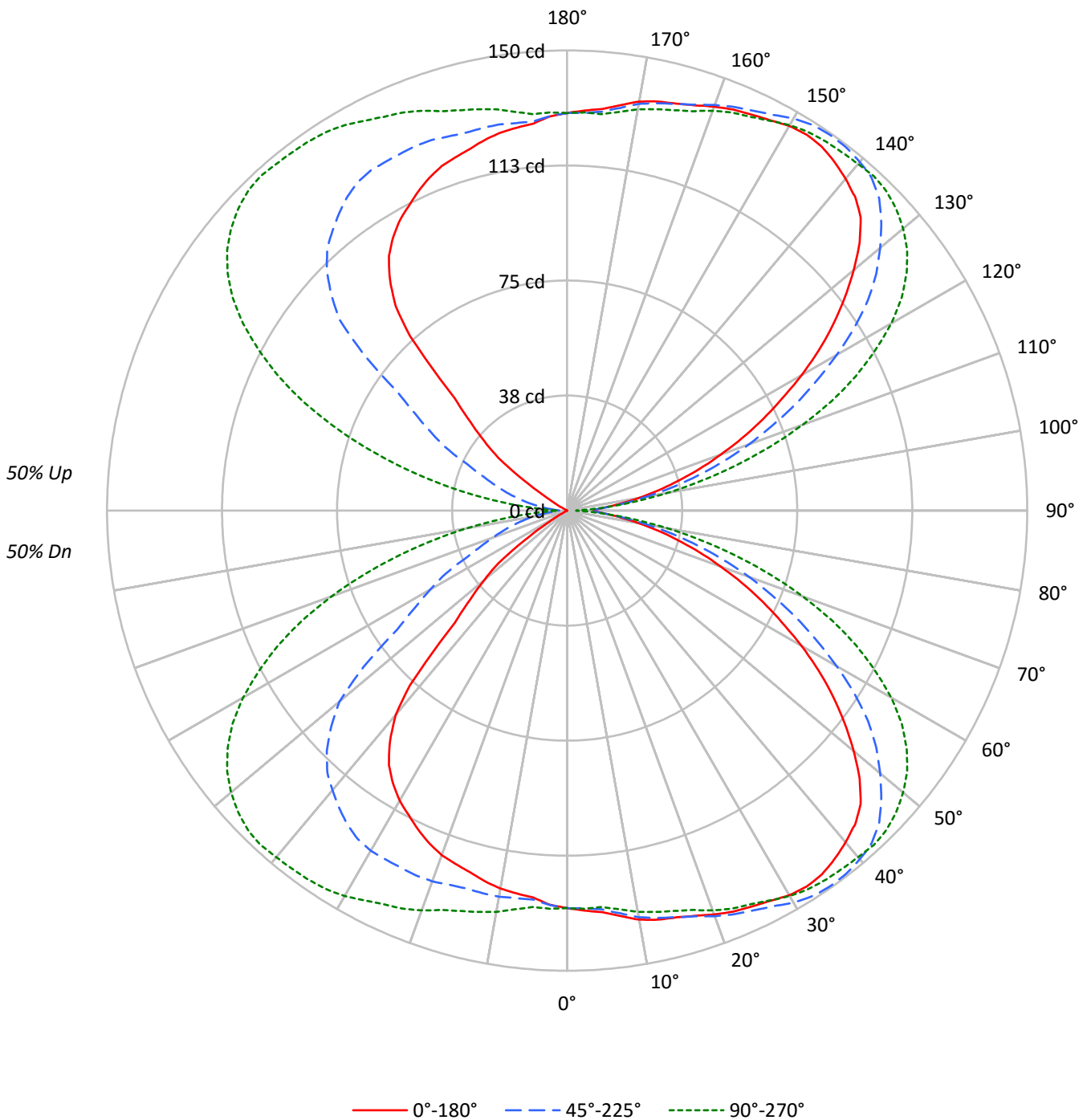
Input Watts (W): 15.5  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20	
RC	80					70					50					30					10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50				
1	97	93	89	85	90	86	82	79	72	70	68	60	58	57	49	48	47	41				
2	88	81	74	69	81	74	69	64	63	59	55	52	49	47	43	40	39	34				
3	80	70	63	57	74	65	58	53	55	50	46	46	42	39	37	35	32	28				
4	73	62	54	48	67	57	50	45	49	43	39	41	36	33	33	30	27	24				
5	67	55	47	40	61	51	43	38	43	37	33	36	32	28	29	26	24	20				
6	61	49	41	35	56	46	38	33	39	33	28	32	28	24	27	23	20	17				
7	57	44	36	30	52	41	34	28	35	29	25	29	25	21	24	21	18	15				
8	52	40	32	26	48	37	30	25	32	26	22	27	22	19	22	18	16	13				
9	49	36	29	23	45	34	27	22	29	23	19	24	20	17	20	17	14	12				
10	45	33	26	21	42	31	24	20	27	21	17	22	18	15	19	15	13	11				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°
0°	17856	17856	17856
5°	11093	13242	10687
10°	8285	10835	7655
15°	6628	9238	5894
20°	5619	8216	4793
25°	4918	7448	3964
30°	4420	6911	3333
35°	3987	6437	2789
40°	3566	6028	2197
45°	3178	5676	1217
50°	2697	5257	783
55°	2228	4780	360
60°	1782	4191	65
65°	1379	3495	2
70°	1018	2708	2
75°	707	1881	4
80°	444	1098	4
85°	244	411	2



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	12.4	1.3
10°-20°	37.6	3.8
20°-30°	62.8	6.4
30°-40°	85.1	8.6
40°-50°	95.3	9.7
50°-60°	86.7	8.8
60°-70°	64.4	6.5
70°-80°	36.9	3.7
80°-90°	11.6	1.2
90°-100°	11.6	1.2
100°-110°	36.9	3.7
110°-120°	64.4	6.5
120°-130°	86.7	8.8
130°-140°	95.3	9.7
140°-150°	85.1	8.6
150°-160°	62.8	6.4
160°-170°	37.6	3.8
170°-180°	12.4	1.3
0°-30°	112.8	11.4
0°-40°	197.9	20.1
0°-60°	379.9	38.5
0°-90°	492.8	50.0
90°-120°	112.9	11.5
90°-150°	380.0	38.6
90°-180°	493.0	50.0
0°-180°	985.6	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	130	130	130	130	130	
5°	131	130	130	127	127	13
15°	137	137	135	128	122	39
25°	142	144	142	128	115	66
35°	145	150	147	125	101	90
45°	135	144	147	111	52	103
55°	106	120	135	68	17	94
65°	70	82	104	36	0	70
75°	38	44	57	18	0	40
85°	13	13	12	5	0	13
90°	9	8	3	2	0	5
95°	13	13	12	5	0	13
105°	38	44	57	18	0	40
115°	70	82	104	36	0	70
125°	106	120	135	68	17	94
135°	135	144	147	111	52	103
145°	145	150	147	125	101	90
155°	142	144	142	128	115	66
165°	137	137	135	128	122	39
175°	131	130	130	127	127	13
180°	130	130	130	130	130	



TEST NUMBER: P394991

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T2-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2.5°	130.5	130.3	131.4	131.4	130.9	130.4	129.8	130.7	130.8	129.7	131.3
5°	131.4	131.1	132.2	132.2	131.7	131.1	130.6	131.5	131.5	130.5	131.8
7.5°	133.3	133.0	134.2	134.2	133.8	133.4	132.6	133.6	133.5	132.4	133.8
10°	135.4	135.2	136.4	136.4	136.0	135.6	134.8	135.8	135.6	134.6	135.7
12.5°	136.6	136.5	137.8	137.7	137.4	137.1	136.3	137.3	137.0	136.0	137.3
15°	137.3	137.3	138.6	138.6	138.2	138.0	137.3	138.3	138.1	137.2	138.2
17.5°	138.5	138.5	139.9	139.8	139.6	139.4	138.7	139.8	139.5	138.7	139.7
20°	140.1	140.2	141.7	141.5	141.5	141.4	140.6	141.7	141.5	140.7	141.5
22.5°	141.5	141.5	143.0	142.8	142.7	142.7	142.0	143.2	143.0	142.4	143.2
25°	142.4	142.4	143.9	143.8	143.6	143.8	143.2	144.7	144.3	143.8	144.5
27.5°	143.4	143.5	145.0	144.9	145.0	145.3	144.7	146.1	145.8	145.4	145.8
30°	144.8	144.9	146.6	146.4	146.6	147.0	146.6	148.0	147.8	147.6	147.9
32.5°	145.3	145.6	147.3	147.2	147.5	148.1	147.6	149.3	149.0	149.0	149.4
35°	144.8	145.0	146.6	146.6	147.2	147.9	147.6	149.3	149.2	149.5	150.0
37.5°	143.2	143.6	145.1	145.2	145.8	146.8	146.7	148.6	148.7	149.3	149.8
40°	141.2	141.5	143.1	143.2	144.0	145.0	145.0	147.0	147.3	148.4	149.3
42°	139.2	139.7	141.0	141.2	142.1	143.1	143.2	145.4	145.7	147.4	148.5
42.5°	138.9	139.2	140.5	140.6	141.5	142.5	142.7	144.9	145.2	147.0	148.2
45°	135.3	135.4	136.8	137.0	138.0	138.7	139.0	140.9	141.5	143.9	145.3
47.5°	129.3	129.5	130.6	131.3	132.7	133.8	134.1	135.9	136.4	138.9	140.8
50°	122.0	122.2	123.4	124.1	125.5	126.9	128.0	130.3	130.6	133.2	135.1
52.5°	114.1	114.5	115.3	116.1	117.7	119.1	120.4	123.1	124.3	127.0	128.5
55°	105.9	106.2	106.9	107.5	109.0	110.5	112.1	114.9	116.3	119.8	121.3
57.5°	97.3	97.2	98.7	98.7	100.1	101.6	103.2	105.9	107.3	111.1	113.5
60°	88.2	88.4	89.3	89.4	91.0	92.5	94.2	96.5	97.7	101.4	104.1
62.5°	78.9	79.1	79.0	79.9	81.5	83.1	84.9	87.1	88.1	91.6	94.2
65°	70.4	70.6	70.8	71.3	72.7	74.2	75.9	77.9	79.3	82.2	84.6
67.5°	61.7	61.9	61.5	62.4	63.8	65.1	66.6	68.4	69.6	72.3	74.4
70°	53.2	53.4	53.5	53.8	54.9	56.2	57.6	58.7	60.2	63.0	64.3
72.5°	45.2	45.3	44.9	45.5	46.6	47.2	48.8	49.7	50.9	53.4	54.5
75°	37.5	37.6	37.6	37.8	38.9	39.1	40.5	41.1	42.0	44.0	44.9
77.5°	30.3	30.3	30.4	30.5	31.0	31.5	32.5	32.9	33.7	35.2	35.3
80°	23.7	23.8	23.7	23.8	24.3	24.4	25.3	25.4	25.9	26.6	27.3
82.5°	17.8	17.9	17.8	17.8	18.2	18.2	18.8	18.7	19.0	19.2	19.1
85°	13.0	13.0	13.1	13.0	13.1	13.1	13.4	13.1	13.1	13.3	12.8
87.5°	9.7	9.7	9.8	9.7	9.8	9.6	9.7	9.4	9.2	9.1	8.4
90°	8.6	8.8	8.6	8.8	8.8	8.6	8.4	8.0	7.9	7.5	7.2
92.5°	9.7	9.7	9.8	9.7	9.8	9.6	9.7	9.4	9.2	9.1	8.4
95°	13.0	13.0	13.1	13.0	13.1	13.1	13.4	13.1	13.1	13.3	12.8
97.5°	17.8	17.9	17.8	17.8	18.2	18.2	18.8	18.7	19.0	19.2	19.1
100°	23.7	23.8	23.7	23.8	24.3	24.4	25.3	25.4	25.9	26.6	27.3
102.5°	30.3	30.3	30.4	30.5	31.0	31.5	32.5	32.9	33.7	35.2	35.3
105°	37.5	37.6	37.6	37.8	38.9	39.1	40.5	41.1	42.0	44.0	44.9
107.5°	45.2	45.3	44.9	45.5	46.6	47.2	48.8	49.7	50.9	53.4	54.5



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
110°	53.2	53.4	53.5	53.8	54.9	56.2	57.6	58.7	60.2	63.0	64.3
112.5°	61.7	61.9	61.5	62.4	63.8	65.1	66.6	68.4	69.6	72.3	74.4
115°	70.4	70.6	70.8	71.3	72.7	74.2	75.9	77.9	79.3	82.2	84.6
117.5°	78.9	79.1	79.0	79.9	81.5	83.1	84.9	87.1	88.1	91.6	94.2
120°	88.2	88.4	89.3	89.4	91.0	92.5	94.2	96.5	97.7	101.4	104.1
122.5°	97.3	97.2	98.7	98.7	100.1	101.6	103.2	105.9	107.3	111.1	113.5
125°	105.9	106.2	106.9	107.5	109.0	110.5	112.1	114.9	116.3	119.8	121.3
127.5°	114.1	114.5	115.3	116.1	117.7	119.1	120.4	123.1	124.3	127.0	128.5
130°	122.0	122.2	123.4	124.1	125.5	126.9	128.0	130.3	130.6	133.2	135.1
132.5°	129.3	129.5	130.6	131.3	132.7	133.8	134.1	135.9	136.4	138.9	140.8
135°	135.3	135.4	136.8	137.0	138.0	138.7	139.0	140.9	141.5	143.9	145.3
137.5°	138.9	139.2	140.5	140.6	141.5	142.5	142.7	144.9	145.2	147.0	148.2
138°	139.2	139.7	141.0	141.2	142.1	143.1	143.2	145.4	145.7	147.4	148.5
140°	141.2	141.5	143.1	143.2	144.0	145.0	145.0	147.0	147.3	148.4	149.3
142.5°	143.2	143.6	145.1	145.2	145.8	146.8	146.7	148.6	148.7	149.3	149.8
145°	144.8	145.0	146.6	146.6	147.2	147.9	147.6	149.3	149.2	149.5	150.0
147.5°	145.3	145.6	147.3	147.2	147.5	148.1	147.6	149.3	149.0	149.0	149.4
150°	144.8	144.9	146.6	146.4	146.6	147.0	146.6	148.0	147.8	147.6	147.9
152.5°	143.4	143.5	145.0	144.9	145.0	145.3	144.7	146.1	145.8	145.4	145.8
155°	142.4	142.4	143.9	143.8	143.6	143.8	143.2	144.7	144.3	143.8	144.5
157.5°	141.5	141.5	143.0	142.8	142.7	142.7	142.0	143.2	143.0	142.4	143.2
160°	140.1	140.2	141.7	141.5	141.5	141.4	140.6	141.7	141.5	140.7	141.5
162.5°	138.5	138.5	139.9	139.8	139.6	139.4	138.7	139.8	139.5	138.7	139.7
165°	137.3	137.3	138.6	138.6	138.2	138.0	137.3	138.3	138.1	137.2	138.2
167.5°	136.6	136.5	137.8	137.7	137.4	137.1	136.3	137.3	137.0	136.0	137.3
170°	135.4	135.2	136.4	136.4	136.0	135.6	134.8	135.8	135.6	134.6	135.7
172.5°	133.3	133.0	134.2	134.2	133.8	133.4	132.6	133.6	133.5	132.4	133.8
175°	131.4	131.1	132.2	132.2	131.7	131.1	130.6	131.5	131.5	130.5	131.8
177.5°	130.5	130.3	131.4	131.4	130.9	130.4	129.8	130.7	130.8	129.7	131.3
180°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6



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**CANDELA DISTRIBUTION (continued):**

	55°	58°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2.5°	130.1	131.2	129.7	130.4	130.5	129.7	129.8	129.8	129.9	130.7	129.7
5°	130.7	131.7	130.3	130.8	130.8	129.8	129.9	129.8	129.7	130.5	129.2
7.5°	132.5	133.5	132.1	132.4	132.2	131.3	131.4	131.3	131.1	131.7	130.3
10°	134.5	135.6	134.1	134.4	134.2	133.1	133.2	133.1	132.8	133.2	131.7
12.5°	135.9	137.0	135.6	135.9	135.6	134.5	134.6	134.5	134.0	134.4	132.8
15°	137.1	138.1	136.9	137.0	136.6	135.6	135.6	135.6	135.1	135.3	133.8
17.5°	138.6	139.7	138.5	138.4	138.3	137.2	137.3	137.3	136.5	136.9	135.3
20°	140.7	141.8	140.7	140.5	140.4	139.3	139.2	139.4	138.7	139.0	137.3
22.5°	142.4	143.3	142.5	142.2	141.9	140.9	140.9	141.1	140.4	140.5	139.0
25°	143.7	144.8	143.9	143.4	143.2	142.3	142.4	142.6	141.6	141.7	140.4
27.5°	145.3	146.2	145.6	145.0	144.7	143.8	143.8	144.1	143.2	143.2	141.8
30°	147.4	148.3	147.8	146.9	146.6	145.7	145.8	146.2	145.1	144.9	143.7
32.5°	149.1	150.0	149.5	148.7	148.3	147.4	147.3	147.5	146.3	146.1	144.9
35°	149.9	150.9	150.7	149.7	149.3	148.3	148.1	148.3	146.9	146.6	145.4
37.5°	150.3	151.6	151.5	150.7	150.3	149.2	148.9	149.0	147.2	146.6	145.4
40°	150.5	151.6	151.9	151.2	151.1	150.2	149.7	149.7	147.5	146.6	145.2
42°	150.1	151.6	152.1	151.6	151.8	151.0	150.3	150.1	147.8	146.8	145.1
42.5°	150.0	151.3	152.0	151.6	151.9	151.2	150.4	150.2	147.9	146.7	145.0
45°	147.8	149.6	150.7	150.9	151.3	150.8	150.0	149.8	147.2	145.7	143.9
47.5°	144.0	145.9	147.4	148.4	149.2	149.3	148.6	148.4	145.5	143.6	141.5
50°	138.9	141.1	143.1	144.6	146.1	146.9	146.3	146.1	143.0	140.8	138.3
52.5°	132.7	135.1	137.1	139.7	142.0	143.3	143.2	142.9	139.7	137.2	134.4
55°	125.4	127.9	130.5	133.4	136.4	138.5	138.6	138.5	135.1	132.3	129.5
57.5°	117.3	119.5	122.4	125.7	129.7	132.3	132.7	132.6	129.3	126.3	122.8
60°	108.5	110.4	113.3	116.9	121.2	124.4	125.2	125.4	122.0	118.9	115.7
62.5°	98.8	100.9	103.5	107.0	111.5	115.2	116.2	116.7	113.3	110.2	106.8
65°	89.1	91.1	94.1	97.3	101.8	105.6	106.7	107.0	103.9	101.1	98.1
67.5°	78.4	80.4	83.2	86.4	90.7	94.4	95.6	96.1	93.3	90.5	87.7
70°	67.8	69.4	72.0	75.0	79.0	81.9	83.6	84.1	81.6	79.1	76.7
72.5°	57.4	58.6	60.9	63.4	66.9	69.6	71.1	71.6	69.4	67.4	65.5
75°	47.0	48.1	50.1	52.0	54.8	57.7	58.5	59.0	57.0	55.3	53.9
77.5°	37.3	37.9	39.5	41.0	43.1	44.6	45.8	46.3	44.6	43.4	42.3
80°	28.2	28.3	29.7	30.5	31.9	32.7	33.6	33.8	33.2	31.7	31.2
82.5°	19.9	19.9	20.7	21.0	21.6	22.4	22.4	22.4	21.9	21.0	20.9
85°	13.1	12.8	13.4	13.1	13.1	13.4	13.0	12.8	12.3	12.2	12.2
87.5°	8.3	7.9	8.0	7.6	7.2	6.9	6.3	6.0	5.6	5.6	5.8
90°	6.6	6.3	6.3	5.7	5.0	4.5	3.9	3.4	3.0	3.0	3.2
92.5°	8.3	7.9	8.0	7.6	7.2	6.9	6.3	6.0	5.6	5.6	5.8
95°	13.1	12.8	13.4	13.1	13.1	13.4	13.0	12.8	12.3	12.2	12.2
97.5°	19.9	19.9	20.7	21.0	21.6	22.4	22.4	22.4	21.9	21.0	20.9
100°	28.2	28.3	29.7	30.5	31.9	32.7	33.6	33.8	33.2	31.7	31.2
102.5°	37.3	37.9	39.5	41.0	43.1	44.6	45.8	46.3	44.6	43.4	42.3
105°	47.0	48.1	50.1	52.0	54.8	57.7	58.5	59.0	57.0	55.3	53.9
107.5°	57.4	58.6	60.9	63.4	66.9	69.6	71.1	71.6	69.4	67.4	65.5





TEST NUMBER: P394991

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T2-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	55°	58°	60°	65°	70°	75°	80°	85°	90°	95°	100°
110°	67.8	69.4	72.0	75.0	79.0	81.9	83.6	84.1	81.6	79.1	76.7
112.5°	78.4	80.4	83.2	86.4	90.7	94.4	95.6	96.1	93.3	90.5	87.7
115°	89.1	91.1	94.1	97.3	101.8	105.6	106.7	107.0	103.9	101.1	98.1
117.5°	98.8	100.9	103.5	107.0	111.5	115.2	116.2	116.7	113.3	110.2	106.8
120°	108.5	110.4	113.3	116.9	121.2	124.4	125.2	125.4	122.0	118.9	115.7
122.5°	117.3	119.5	122.4	125.7	129.7	132.3	132.7	132.6	129.3	126.3	122.8
125°	125.4	127.9	130.5	133.4	136.4	138.5	138.6	138.5	135.1	132.3	129.5
127.5°	132.7	135.1	137.1	139.7	142.0	143.3	143.2	142.9	139.7	137.2	134.4
130°	138.9	141.1	143.1	144.6	146.1	146.9	146.3	146.1	143.0	140.8	138.3
132.5°	144.0	145.9	147.4	148.4	149.2	149.3	148.6	148.4	145.5	143.6	141.5
135°	147.8	149.6	150.7	150.9	151.3	150.8	150.0	149.8	147.2	145.7	143.9
137.5°	150.0	151.3	152.0	151.6	151.9	151.2	150.4	150.2	147.9	146.7	145.0
138°	150.1	151.6	152.1	151.6	151.8	151.0	150.3	150.1	147.8	146.8	145.1
140°	150.5	151.6	151.9	151.2	151.1	150.2	149.7	149.7	147.5	146.6	145.2
142.5°	150.3	151.6	151.5	150.7	150.3	149.2	148.9	149.0	147.2	146.6	145.4
145°	149.9	150.9	150.7	149.7	149.3	148.3	148.1	148.3	146.9	146.6	145.4
147.5°	149.1	150.0	149.5	148.7	148.3	147.4	147.3	147.5	146.3	146.1	144.9
150°	147.4	148.3	147.8	146.9	146.6	145.7	145.8	146.2	145.1	144.9	143.7
152.5°	145.3	146.2	145.6	145.0	144.7	143.8	143.8	144.1	143.2	143.2	141.8
155°	143.7	144.8	143.9	143.4	143.2	142.3	142.4	142.6	141.6	141.7	140.4
157.5°	142.4	143.3	142.5	142.2	141.9	140.9	140.9	141.1	140.4	140.5	139.0
160°	140.7	141.8	140.7	140.5	140.4	139.3	139.2	139.4	138.7	139.0	137.3
162.5°	138.6	139.7	138.5	138.4	138.3	137.2	137.3	137.3	136.5	136.9	135.3
165°	137.1	138.1	136.9	137.0	136.6	135.6	135.6	135.6	135.1	135.3	133.8
167.5°	135.9	137.0	135.6	135.9	135.6	134.5	134.6	134.5	134.0	134.4	132.8
170°	134.5	135.6	134.1	134.4	134.2	133.1	133.2	133.1	132.8	133.2	131.7
172.5°	132.5	133.5	132.1	132.4	132.2	131.3	131.4	131.3	131.1	131.7	130.3
175°	130.7	131.7	130.3	130.8	130.8	129.8	129.9	129.8	129.7	130.5	129.2
177.5°	130.1	131.2	129.7	130.4	130.5	129.7	129.8	129.8	129.9	130.7	129.7
180°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6



TEST NUMBER: P394991

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T2-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2.5°	130.3	129.2	129.1	128.8	129.4	128.3	128.7	127.7	127.7	127.7	128.0
5°	129.7	128.5	128.3	127.8	128.3	127.1	127.3	126.3	126.0	125.9	126.1
7.5°	130.5	129.2	129.0	128.2	128.6	127.2	127.4	126.3	125.6	125.5	125.7
10°	131.8	130.4	130.0	129.0	129.3	127.8	127.8	126.3	125.6	125.2	125.3
12.5°	132.7	131.3	130.7	129.4	129.6	128.0	127.7	126.0	125.0	124.5	124.4
15°	133.6	131.9	131.4	129.7	129.8	128.0	127.5	125.5	124.2	123.3	123.1
17.5°	135.1	133.3	132.6	130.7	130.5	128.8	127.9	125.5	123.8	122.7	122.3
20°	137.0	135.2	134.4	132.2	131.9	129.7	128.6	125.9	123.8	122.4	121.8
22.5°	138.6	136.7	135.7	133.4	132.8	130.2	128.7	125.6	123.1	121.4	120.4
25°	139.7	137.9	136.7	134.0	133.2	130.5	128.4	125.1	122.1	119.9	118.5
27.5°	141.1	139.2	137.9	135.0	133.9	130.7	128.2	124.3	120.9	118.2	116.4
30°	142.9	140.7	139.5	136.0	134.6	131.0	128.0	123.8	119.7	116.8	114.5
32.5°	144.0	141.7	140.0	136.4	134.5	130.5	127.0	122.1	117.6	114.2	111.8
35°	144.0	141.8	139.8	135.7	133.5	128.9	124.9	119.6	114.7	111.0	108.2
37.5°	144.0	141.1	138.9	134.5	131.6	126.7	122.1	116.5	111.2	107.2	104.2
40°	143.4	140.5	137.7	132.7	129.3	124.1	119.0	113.1	107.3	102.4	98.4
42°	143.1	139.7	136.4	131.1	127.2	121.9	116.4	110.1	103.3	97.6	93.1
42.5°	142.7	139.4	135.8	130.6	126.8	121.2	115.7	109.1	102.1	96.3	91.5
45°	141.0	137.1	133.1	127.4	122.9	117.0	110.8	103.1	95.2	87.7	79.0
47.5°	138.3	133.9	129.2	123.1	118.1	111.7	104.3	95.5	84.1	69.4	59.0
50°	134.7	129.8	124.5	117.9	112.8	105.2	96.9	82.1	64.0	55.7	49.8
52.5°	130.3	124.8	118.9	112.2	105.8	97.6	83.5	64.6	53.9	47.8	42.5
55°	125.0	119.1	112.7	105.4	98.0	85.8	67.6	54.9	46.7	41.6	36.1
57.5°	118.3	112.2	105.3	97.6	87.6	69.8	58.7	48.2	40.3	35.1	27.3
60°	110.6	104.4	97.1	88.9	73.2	60.3	51.5	42.2	32.6	23.3	16.6
62.5°	101.9	95.8	88.3	77.3	63.5	53.0	44.9	33.6	22.7	17.4	12.2
65°	93.2	86.9	79.2	66.6	56.1	46.6	36.1	26.8	18.3	13.9	9.2
67.5°	83.1	77.3	69.7	58.2	48.9	40.0	30.3	22.6	15.3	11.6	8.1
70°	72.5	67.2	60.3	50.4	42.1	34.2	25.8	19.4	13.2	10.1	7.1
72.5°	61.6	57.0	51.2	42.7	35.6	28.9	21.9	16.4	11.3	8.6	6.1
75°	50.5	46.8	42.0	35.0	29.1	23.9	18.1	13.7	9.5	7.2	5.1
77.5°	39.8	36.8	33.2	27.6	23.1	18.7	14.4	11.1	7.7	5.7	4.2
80°	29.4	27.2	24.6	20.7	17.3	14.3	11.1	8.4	6.1	4.6	3.3
82.5°	19.8	18.4	16.7	14.2	12.1	10.2	7.9	6.3	4.5	3.4	2.6
85°	11.7	11.0	10.1	8.8	7.6	6.6	5.4	4.4	3.3	2.7	2.1
87.5°	5.8	5.5	5.3	4.9	4.4	4.0	3.3	2.9	2.3	1.9	1.4
90°	3.4	3.6	3.4	3.2	3.0	2.9	2.5	2.3	2.0	1.6	1.3
92.5°	5.8	5.5	5.3	4.9	4.4	4.0	3.3	2.9	2.3	1.9	1.4
95°	11.7	11.0	10.1	8.8	7.6	6.6	5.4	4.4	3.3	2.7	2.1
97.5°	19.8	18.4	16.7	14.2	12.1	10.2	7.9	6.3	4.5	3.4	2.6
100°	29.4	27.2	24.6	20.7	17.3	14.3	11.1	8.4	6.1	4.6	3.3
102.5°	39.8	36.8	33.2	27.6	23.1	18.7	14.4	11.1	7.7	5.7	4.2
105°	50.5	46.8	42.0	35.0	29.1	23.9	18.1	13.7	9.5	7.2	5.1
107.5°	61.6	57.0	51.2	42.7	35.6	28.9	21.9	16.4	11.3	8.6	6.1



TEST NUMBER: P394991

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T2-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
110°	72.5	67.2	60.3	50.4	42.1	34.2	25.8	19.4	13.2	10.1	7.1
112.5°	83.1	77.3	69.7	58.2	48.9	40.0	30.3	22.6	15.3	11.6	8.1
115°	93.2	86.9	79.2	66.6	56.1	46.6	36.1	26.8	18.3	13.9	9.2
117.5°	101.9	95.8	88.3	77.3	63.5	53.0	44.9	33.6	22.7	17.4	12.2
120°	110.6	104.4	97.1	88.9	73.2	60.3	51.5	42.2	32.6	23.3	16.6
122.5°	118.3	112.2	105.3	97.6	87.6	69.8	58.7	48.2	40.3	35.1	27.3
125°	125.0	119.1	112.7	105.4	98.0	85.8	67.6	54.9	46.7	41.6	36.1
127.5°	130.3	124.8	118.9	112.2	105.8	97.6	83.5	64.6	53.9	47.8	42.5
130°	134.7	129.8	124.5	117.9	112.8	105.2	96.9	82.1	64.0	55.7	49.8
132.5°	138.3	133.9	129.2	123.1	118.1	111.7	104.3	95.5	84.1	69.4	59.0
135°	141.0	137.1	133.1	127.4	122.9	117.0	110.8	103.1	95.2	87.7	79.0
137.5°	142.7	139.4	135.8	130.6	126.8	121.2	115.7	109.1	102.1	96.3	91.5
138°	143.1	139.7	136.4	131.1	127.2	121.9	116.4	110.1	103.3	97.6	93.1
140°	143.4	140.5	137.7	132.7	129.3	124.1	119.0	113.1	107.3	102.4	98.4
142.5°	144.0	141.1	138.9	134.5	131.6	126.7	122.1	116.5	111.2	107.2	104.2
145°	144.0	141.8	139.8	135.7	133.5	128.9	124.9	119.6	114.7	111.0	108.2
147.5°	144.0	141.7	140.0	136.4	134.5	130.5	127.0	122.1	117.6	114.2	111.8
150°	142.9	140.7	139.5	136.0	134.6	131.0	128.0	123.8	119.7	116.8	114.5
152.5°	141.1	139.2	137.9	135.0	133.9	130.7	128.2	124.3	120.9	118.2	116.4
155°	139.7	137.9	136.7	134.0	133.2	130.5	128.4	125.1	122.1	119.9	118.5
157.5°	138.6	136.7	135.7	133.4	132.8	130.2	128.7	125.6	123.1	121.4	120.4
160°	137.0	135.2	134.4	132.2	131.9	129.7	128.6	125.9	123.8	122.4	121.8
162.5°	135.1	133.3	132.6	130.7	130.5	128.8	127.9	125.5	123.8	122.7	122.3
165°	133.6	131.9	131.4	129.7	129.8	128.0	127.5	125.5	124.2	123.3	123.1
167.5°	132.7	131.3	130.7	129.4	129.6	128.0	127.7	126.0	125.0	124.5	124.4
170°	131.8	130.4	130.0	129.0	129.3	127.8	127.8	126.3	125.6	125.2	125.3
172.5°	130.5	129.2	129.0	128.2	128.6	127.2	127.4	126.3	125.6	125.5	125.7
175°	129.7	128.5	128.3	127.8	128.3	127.1	127.3	126.3	126.0	125.9	126.1
177.5°	130.3	129.2	129.1	128.8	129.4	128.3	128.7	127.7	127.7	127.7	128.0
180°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6



TEST NUMBER: P394991

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T2-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	160°	165°	170°	175°	180°
0°	129.6	129.6	129.6	129.6	129.6
2.5°	127.4	127.8	127.9	127.9	128.6
5°	125.5	126.0	125.8	125.9	126.6
7.5°	124.8	125.4	125.0	125.2	125.9
10°	124.4	124.7	124.4	124.4	125.1
12.5°	123.4	123.7	122.9	122.9	123.8
15°	122.0	122.1	121.3	121.3	122.1
17.5°	121.0	121.1	120.0	120.0	120.8
20°	120.1	120.1	118.9	118.8	119.5
22.5°	118.6	118.4	117.0	116.7	117.4
25°	116.3	115.9	114.4	114.0	114.8
27.5°	114.0	113.4	111.6	111.2	111.9
30°	111.8	110.9	108.9	108.6	109.2
32.5°	108.8	107.7	105.4	105.1	105.6
35°	105.1	103.6	101.3	100.8	101.3
37.5°	100.3	98.0	95.2	94.4	94.9
40°	94.0	91.2	87.7	86.6	87.0
42°	87.6	83.5	78.5	76.2	76.5
42.5°	85.6	80.6	74.4	71.5	71.7
45°	65.6	57.4	53.6	51.6	51.8
47.5°	51.1	46.8	44.2	42.6	42.8
50°	42.9	38.9	36.6	35.2	35.4
52.5°	36.3	32.5	30.3	28.9	28.3
55°	29.9	25.0	21.6	18.8	17.1
57.5°	16.5	11.7	9.6	8.3	7.7
60°	10.0	6.8	4.9	3.8	3.2
62.5°	6.5	3.8	2.0	0.7	0.2
65°	4.7	2.5	1.3	0.4	0.1
67.5°	4.3	2.3	1.2	0.4	0.1
70°	3.8	2.1	1.0	0.4	0.1
72.5°	3.2	1.8	0.9	0.4	0.1
75°	3.0	1.5	0.8	0.4	0.2
77.5°	2.4	1.3	0.7	0.3	0.2
80°	2.0	1.2	0.6	0.3	0.2
82.5°	1.6	1.0	0.5	0.3	0.2
85°	1.3	0.9	0.4	0.3	0.1
87.5°	1.1	0.8	0.4	0.2	0.2
90°	1.1	0.7	0.4	0.2	0.2
92.5°	1.1	0.8	0.4	0.2	0.2
95°	1.3	0.9	0.4	0.3	0.1
97.5°	1.6	1.0	0.5	0.3	0.2
100°	2.0	1.2	0.6	0.3	0.2
102.5°	2.4	1.3	0.7	0.3	0.2
105°	3.0	1.5	0.8	0.4	0.2
107.5°	3.2	1.8	0.9	0.4	0.1



TEST NUMBER: P394991

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T2-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	160°	165°	170°	175°	180°
110°	3.8	2.1	1.0	0.4	0.1
112.5°	4.3	2.3	1.2	0.4	0.1
115°	4.7	2.5	1.3	0.4	0.1
117.5°	6.5	3.8	2.0	0.7	0.2
120°	10.0	6.8	4.9	3.8	3.2
122.5°	16.5	11.7	9.6	8.3	7.7
125°	29.9	25.0	21.6	18.8	17.1
127.5°	36.3	32.5	30.3	28.9	28.3
130°	42.9	38.9	36.6	35.2	35.4
132.5°	51.1	46.8	44.2	42.6	42.8
135°	65.6	57.4	53.6	51.6	51.8
137.5°	85.6	80.6	74.4	71.5	71.7
138°	87.6	83.5	78.5	76.2	76.5
140°	94.0	91.2	87.7	86.6	87.0
142.5°	100.3	98.0	95.2	94.4	94.9
145°	105.1	103.6	101.3	100.8	101.3
147.5°	108.8	107.7	105.4	105.1	105.6
150°	111.8	110.9	108.9	108.6	109.2
152.5°	114.0	113.4	111.6	111.2	111.9
155°	116.3	115.9	114.4	114.0	114.8
157.5°	118.6	118.4	117.0	116.7	117.4
160°	120.1	120.1	118.9	118.8	119.5
162.5°	121.0	121.1	120.0	120.0	120.8
165°	122.0	122.1	121.3	121.3	122.1
167.5°	123.4	123.7	122.9	122.9	123.8
170°	124.4	124.7	124.4	124.4	125.1
172.5°	124.8	125.4	125.0	125.2	125.9
175°	125.5	126.0	125.8	125.9	126.6
177.5°	127.4	127.8	127.9	127.9	128.6
180°	129.6	129.6	129.6	129.6	129.6

(END OF REPORT)