

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: P395001

Luminaire Tested: **303-W2-LEDB2-2700-UNV-T4-DIM10-CS-EDGE**

Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P395001  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2001-623-2)  
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-T4-DIM10-CS-EDGE  
Description: LUMIERE EON LED LUMINAIRE  
WALL MOUNT, DIRECT-INDIRECT, TWO LIGHTBARS, TYPE 4 WITH EDGE GLOW  
Light Source: 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 938.8 lumens  
Efficiency: N/A  
Efficacy: 60.6 lumens/watt  
Spacing Criteria (0/90/45): 1.39 / 1.44 / 1.55  
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.21' x H: 1.52')  
CIE Type: General Diffuse

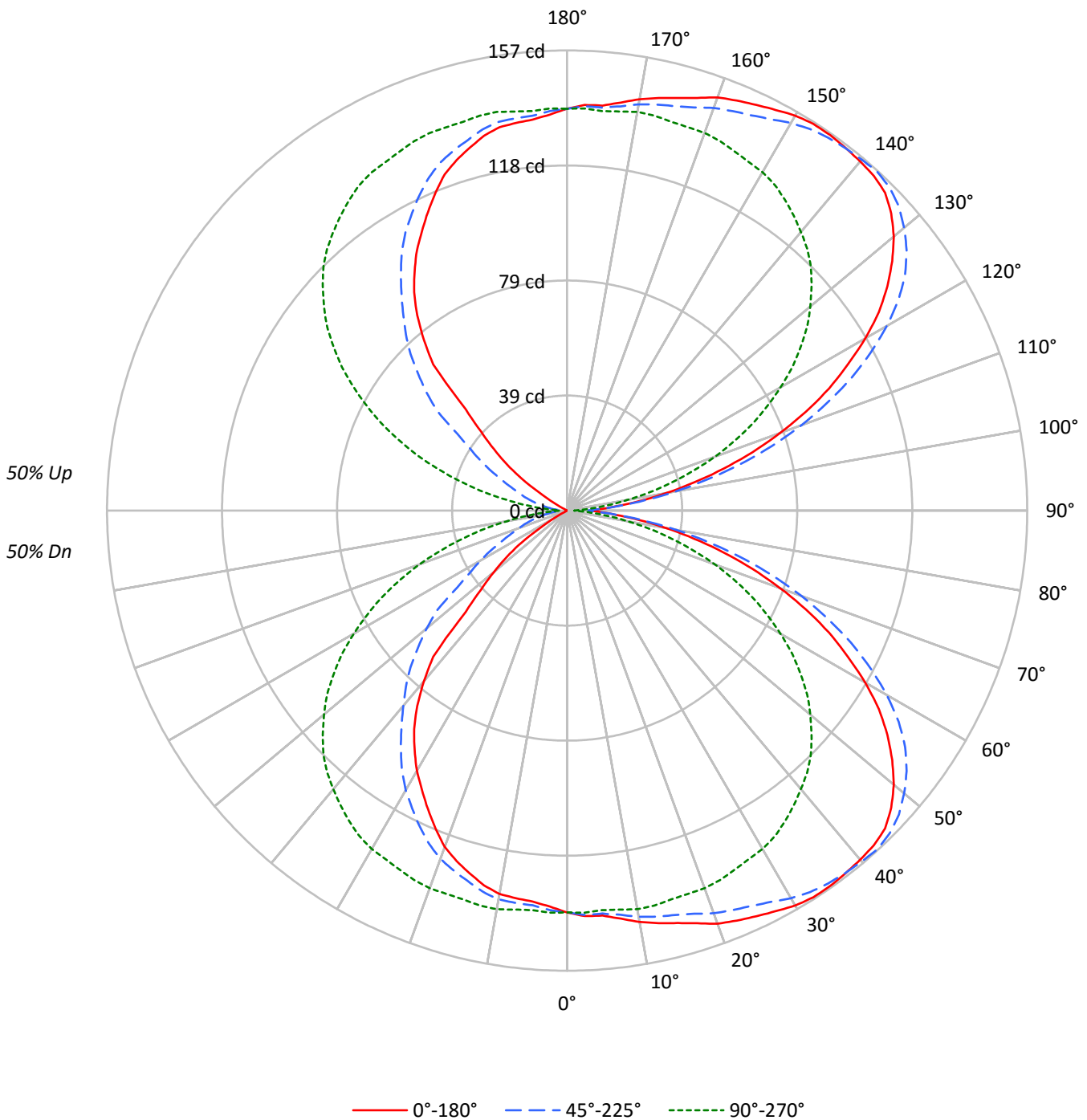
Input Watts (W): 15.5  
Input Voltage (V): 120  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	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	75	69	64	63	59	55	52	49	47	43	40	39	34
3	80	71	63	57	74	65	59	53	55	50	46	46	42	39	37	35	32	28
4	73	62	54	48	67	58	50	45	49	43	39	41	37	33	33	30	28	24
5	67	55	47	41	62	51	44	38	43	38	33	36	32	28	30	26	24	20
6	62	49	41	35	57	46	38	33	39	33	29	33	28	25	27	23	21	18
7	57	44	36	30	52	41	34	29	35	29	25	30	25	22	24	21	18	16
8	53	40	32	27	48	37	30	25	32	26	22	27	22	19	22	19	16	14
9	49	37	29	24	45	34	27	22	29	24	20	25	20	17	20	17	14	12
10	46	33	26	21	42	31	24	20	27	21	18	23	18	15	19	15	13	11

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

	0°	90°	180°
0°	18889	18889	18889
5°	11709	13967	11304
10°	8719	11268	8126
15°	7033	9388	6188
20°	6016	8121	4897
25°	5273	7112	3882
30°	4749	6349	3129
35°	4306	5675	2506
40°	3927	5071	1919
45°	3603	4534	1149
50°	3217	3981	721
55°	2806	3439	398
60°	2374	2889	89
65°	1931	2341	6
70°	1480	1779	6
75°	1041	1215	6
80°	640	695	6
85°	315	267	7



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	13.1	1.4
10°-20°	38.8	4.1
20°-30°	61.8	6.6
30°-40°	79.4	8.5
40°-50°	86.7	9.2
50°-60°	80.1	8.5
60°-70°	61.6	6.6
70°-80°	36.3	3.9
80°-90°	11.5	1.2
90°-100°	11.5	1.2
100°-110°	36.3	3.9
110°-120°	61.6	6.6
120°-130°	80.1	8.5
130°-140°	86.7	9.2
140°-150°	79.4	8.5
150°-160°	61.8	6.6
160°-170°	38.8	4.1
170°-180°	13.1	1.4
0°-30°	113.7	12.1
0°-40°	193.1	20.6
0°-60°	360.0	38.3
0°-90°	469.4	50.0
90°-120°	109.4	11.7
90°-150°	355.7	37.9
90°-180°	469.0	50.0
0°-180°	938.8	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	137	137	137	137	137	
5°	139	138	137	135	134	13
15°	146	143	137	131	128	41
25°	153	149	135	119	112	71
35°	156	155	130	99	91	98
45°	153	156	118	76	49	118
55°	133	141	97	46	19	119
65°	99	107	70	24	0	97
75°	55	61	37	12	0	58
85°	17	17	8	4	0	17
90°	8	7	2	2	0	5
95°	17	17	8	4	0	17
105°	55	61	37	12	0	58
115°	99	107	70	24	0	97
125°	133	141	97	46	19	119
135°	153	156	118	76	49	118
145°	156	155	130	99	91	98
155°	153	149	135	119	112	71
165°	146	143	137	131	128	41
175°	139	138	137	135	134	13
180°	137	137	137	137	137	



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CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T4-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	37°	40°	45°
0°	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1
2.5°	138.5	137.0	136.3	137.2	136.4	138.0	137.4	137.2	137.2	138.1	138.1
5°	138.7	137.1	136.2	137.2	136.6	138.0	137.4	137.1	137.0	138.1	138.0
7.5°	140.4	138.6	137.7	138.8	138.1	139.4	138.8	138.4	138.3	139.4	139.1
10°	142.5	140.7	139.8	140.8	140.1	141.4	140.7	140.3	140.1	141.0	140.7
12.5°	144.2	142.3	141.5	142.5	141.7	142.9	142.4	141.6	141.5	142.3	141.9
15°	145.7	143.7	143.0	143.9	143.1	144.0	143.5	142.8	142.6	143.2	142.8
17.5°	147.6	145.7	144.9	145.9	145.1	145.7	145.1	144.5	144.4	144.9	144.2
20°	150.0	148.0	147.3	148.3	147.4	148.1	147.4	146.7	146.5	146.7	146.2
22.5°	151.4	149.5	149.1	150.1	149.1	149.7	149.1	148.4	148.3	148.4	147.5
25°	152.7	150.7	150.3	151.5	150.6	151.1	150.7	150.0	149.8	149.7	148.8
27.5°	154.1	152.0	151.7	153.0	152.2	152.7	152.4	151.8	151.6	151.4	150.5
30°	155.6	153.8	153.5	155.0	154.4	154.9	154.7	154.2	154.1	153.7	152.7
32.5°	156.4	154.8	154.8	156.3	156.0	156.6	156.5	156.0	155.9	155.5	154.3
35°	156.4	154.9	155.0	156.7	156.5	157.1	157.4	157.0	157.0	156.5	155.3
37.5°	156.0	154.8	155.1	156.8	156.7	157.4	157.9	157.6	157.7	157.2	155.9
40°	155.5	154.4	155.0	156.7	156.7	157.6	158.2	158.2	158.4	157.6	156.3
42.5°	154.9	153.9	154.6	156.4	156.5	157.3	158.5	158.5	158.7	158.0	156.7
45°	153.4	152.5	153.5	155.1	155.1	155.9	157.4	157.6	157.9	157.2	155.7
47.5°	150.0	149.3	150.5	152.2	152.6	153.3	155.1	155.4	155.9	155.0	153.5
50°	145.5	144.8	145.9	147.8	148.5	149.8	151.8	152.3	152.6	151.7	150.1
52.5°	139.8	139.4	140.5	142.4	143.6	144.9	147.1	148.0	148.6	147.9	146.0
55°	133.4	133.0	134.2	135.9	137.3	138.6	141.3	142.2	142.9	142.4	140.8
57.5°	126.1	125.7	127.0	128.5	130.0	131.2	134.1	135.1	135.8	135.5	134.1
60°	117.5	117.2	118.5	120.4	121.7	122.8	125.7	126.7	127.6	127.2	126.0
62.5°	108.0	107.8	109.1	110.5	112.2	113.2	116.2	117.2	118.1	117.5	116.8
65°	98.6	98.5	99.8	101.5	102.6	103.5	106.3	107.8	108.1	108.0	106.9
67.5°	88.2	88.1	89.2	90.8	91.9	92.6	95.2	96.7	97.0	97.0	96.1
70°	77.3	77.3	78.4	79.9	80.5	81.4	83.7	85.0	85.3	85.0	84.9
72.5°	66.3	66.2	67.2	68.3	69.3	69.8	71.9	73.1	73.1	73.1	73.2
75°	55.2	55.6	55.9	57.5	57.9	58.1	60.0	60.9	60.9	61.0	61.0
77.5°	44.4	44.4	45.1	46.5	46.7	46.9	48.3	48.9	48.9	49.0	48.9
80°	34.2	34.7	34.6	35.5	35.6	35.9	36.9	37.3	37.3	37.6	37.4
82.5°	24.8	25.3	25.1	25.8	25.8	25.8	26.6	26.6	26.6	26.7	26.6
85°	16.8	17.2	17.0	17.4	17.3	17.3	17.6	17.5	17.3	17.4	17.2
87.5°	11.0	11.1	11.0	11.4	11.4	11.0	11.1	10.8	10.6	10.5	10.2
90°	8.0	8.2	8.4	8.4	8.2	8.0	8.0	7.7	7.5	7.5	7.2
92.5°	11.0	11.1	11.0	11.4	11.4	11.0	11.1	10.8	10.6	10.5	10.2
95°	16.8	17.2	17.0	17.4	17.3	17.3	17.6	17.5	17.3	17.4	17.2
97.5°	24.8	25.3	25.1	25.8	25.8	25.8	26.6	26.6	26.6	26.7	26.6
100°	34.2	34.7	34.6	35.5	35.6	35.9	36.9	37.3	37.3	37.6	37.4
102.5°	44.4	44.4	45.1	46.5	46.7	46.9	48.3	48.9	48.9	49.0	48.9
105°	55.2	55.6	55.9	57.5	57.9	58.1	60.0	60.9	60.9	61.0	61.0
107.5°	66.3	66.2	67.2	68.3	69.3	69.8	71.9	73.1	73.1	73.1	73.2
110°	77.3	77.3	78.4	79.9	80.5	81.4	83.7	85.0	85.3	85.0	84.9



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CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T4-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	37°	40°	45°
112.5°	88.2	88.1	89.2	90.8	91.9	92.6	95.2	96.7	97.0	97.0	96.1
115°	98.6	98.5	99.8	101.5	102.6	103.5	106.3	107.8	108.1	108.0	106.9
117.5°	108.0	107.8	109.1	110.5	112.2	113.2	116.2	117.2	118.1	117.5	116.8
120°	117.5	117.2	118.5	120.4	121.7	122.8	125.7	126.7	127.6	127.2	126.0
122.5°	126.1	125.7	127.0	128.5	130.0	131.2	134.1	135.1	135.8	135.5	134.1
125°	133.4	133.0	134.2	135.9	137.3	138.6	141.3	142.2	142.9	142.4	140.8
127.5°	139.8	139.4	140.5	142.4	143.6	144.9	147.1	148.0	148.6	147.9	146.0
130°	145.5	144.8	145.9	147.8	148.5	149.8	151.8	152.3	152.6	151.7	150.1
132.5°	150.0	149.3	150.5	152.2	152.6	153.3	155.1	155.4	155.9	155.0	153.5
135°	153.4	152.5	153.5	155.1	155.1	155.9	157.4	157.6	157.9	157.2	155.7
137.5°	154.9	153.9	154.6	156.4	156.5	157.3	158.5	158.5	158.7	158.0	156.7
140°	155.5	154.4	155.0	156.7	156.7	157.6	158.2	158.2	158.4	157.6	156.3
142.5°	156.0	154.8	155.1	156.8	156.7	157.4	157.9	157.6	157.7	157.2	155.9
145°	156.4	154.9	155.0	156.7	156.5	157.1	157.4	157.0	157.0	156.5	155.3
147.5°	156.4	154.8	154.8	156.3	156.0	156.6	156.5	156.0	155.9	155.5	154.3
150°	155.6	153.8	153.5	155.0	154.4	154.9	154.7	154.2	154.1	153.7	152.7
152.5°	154.1	152.0	151.7	153.0	152.2	152.7	152.4	151.8	151.6	151.4	150.5
155°	152.7	150.7	150.3	151.5	150.6	151.1	150.7	150.0	149.8	149.7	148.8
157.5°	151.4	149.5	149.1	150.1	149.1	149.7	149.1	148.4	148.3	148.4	147.5
160°	150.0	148.0	147.3	148.3	147.4	148.1	147.4	146.7	146.5	146.7	146.2
162.5°	147.6	145.7	144.9	145.9	145.1	145.7	145.1	144.5	144.4	144.9	144.2
165°	145.7	143.7	143.0	143.9	143.1	144.0	143.5	142.8	142.6	143.2	142.8
167.5°	144.2	142.3	141.5	142.5	141.7	142.9	142.4	141.6	141.5	142.3	141.9
170°	142.5	140.7	139.8	140.8	140.1	141.4	140.7	140.3	140.1	141.0	140.7
172.5°	140.4	138.6	137.7	138.8	138.1	139.4	138.8	138.4	138.3	139.4	139.1
175°	138.7	137.1	136.2	137.2	136.6	138.0	137.4	137.1	137.0	138.1	138.0
177.5°	138.5	137.0	136.3	137.2	136.4	138.0	137.4	137.2	137.2	138.1	138.1
180°	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1
2.5°	137.3	137.7	137.7	137.4	137.3	137.4	137.3	137.7	137.3	136.6	137.1
5°	137.1	137.6	137.4	137.3	136.9	137.1	136.9	137.3	136.8	136.1	136.4
7.5°	138.2	138.9	138.4	138.3	137.8	138.0	137.7	137.9	137.3	136.6	136.9
10°	139.8	140.6	139.8	139.7	138.8	139.0	138.6	138.6	138.1	137.3	137.3
12.5°	140.8	141.6	140.7	140.4	139.3	139.5	138.8	138.6	138.0	137.0	137.0
15°	141.7	142.4	141.3	140.8	139.5	139.6	138.6	138.1	137.3	136.2	135.9
17.5°	143.1	143.8	142.4	141.8	140.0	139.9	138.8	138.0	137.1	135.7	135.2
20°	144.9	145.6	143.9	143.2	141.0	140.9	139.4	138.2	137.1	135.5	134.6
22.5°	146.1	146.8	144.9	144.0	141.5	141.2	139.5	137.9	136.4	134.6	133.1
25°	147.4	148.0	145.7	144.7	141.7	141.2	139.1	137.1	135.2	133.1	131.4
27.5°	149.0	149.4	146.7	145.6	142.2	141.5	138.9	136.3	134.1	131.4	129.3
30°	151.0	151.5	148.4	147.0	143.1	142.1	139.0	136.0	133.3	130.2	127.4
32.5°	152.6	152.8	149.6	147.9	143.4	142.1	138.6	134.8	131.8	128.2	124.8
35°	153.6	153.4	149.9	147.9	143.1	141.4	137.4	133.1	129.5	125.5	121.5
37.5°	154.1	153.8	150.0	147.7	142.4	140.2	135.7	130.9	126.9	122.3	117.6
40°	154.6	154.0	149.8	147.3	141.5	138.9	134.0	128.7	124.1	119.2	113.8
42.5°	154.8	154.0	149.4	146.6	140.3	137.4	132.1	126.2	121.2	115.9	110.1
45°	153.9	152.6	147.9	144.8	138.1	134.7	129.1	122.8	117.6	111.9	105.7
47.5°	151.5	149.9	145.1	141.6	134.7	131.2	125.3	118.5	113.1	107.3	100.8
50°	148.3	146.3	141.5	137.8	130.6	126.8	120.7	113.8	108.3	102.4	95.7
52.5°	144.1	142.0	136.9	133.1	125.8	121.8	115.6	108.6	103.3	97.1	90.3
55°	138.8	136.4	131.4	127.3	120.1	116.0	109.9	102.7	97.2	91.3	84.6
57.5°	132.6	129.7	124.6	120.4	113.3	109.2	103.2	96.3	91.1	85.1	78.5
60°	124.7	121.8	116.7	112.5	105.5	101.5	95.8	89.4	84.1	78.4	72.2
62.5°	115.6	112.8	107.9	103.2	97.1	93.0	87.6	81.7	76.8	71.4	65.5
65°	106.0	103.3	99.1	94.5	88.5	84.6	79.7	74.0	69.6	64.5	59.0
67.5°	95.1	92.5	88.7	84.4	79.0	75.8	70.8	65.6	61.5	57.0	52.2
70°	83.9	81.2	78.0	73.8	69.2	65.6	61.7	57.0	53.6	49.6	45.2
72.5°	72.1	69.7	66.5	62.9	58.6	56.2	52.3	48.3	45.1	41.8	38.2
75°	60.0	57.9	55.3	52.0	48.2	46.2	42.9	39.6	36.8	34.2	31.1
77.5°	48.1	46.3	44.2	41.9	38.1	36.4	33.8	31.0	29.0	26.7	24.4
80°	36.4	35.0	33.3	31.2	28.6	27.0	24.9	22.8	21.0	19.7	18.2
82.5°	25.7	24.5	23.2	21.7	19.9	18.4	16.9	15.3	14.0	13.2	12.2
85°	16.5	15.6	14.8	13.6	12.2	11.4	10.1	8.9	8.0	7.7	7.3
87.5°	9.9	9.1	8.4	8.0	6.8	6.1	5.3	4.4	4.1	3.8	3.8
90°	6.8	6.3	5.7	5.2	4.6	4.1	3.4	2.9	2.5	2.5	2.7
92.5°	9.9	9.1	8.4	8.0	6.8	6.1	5.3	4.4	4.1	3.8	3.8
95°	16.5	15.6	14.8	13.6	12.2	11.4	10.1	8.9	8.0	7.7	7.3
97.5°	25.7	24.5	23.2	21.7	19.9	18.4	16.9	15.3	14.0	13.2	12.2
100°	36.4	35.0	33.3	31.2	28.6	27.0	24.9	22.8	21.0	19.7	18.2
102.5°	48.1	46.3	44.2	41.9	38.1	36.4	33.8	31.0	29.0	26.7	24.4
105°	60.0	57.9	55.3	52.0	48.2	46.2	42.9	39.6	36.8	34.2	31.1
107.5°	72.1	69.7	66.5	62.9	58.6	56.2	52.3	48.3	45.1	41.8	38.2
110°	83.9	81.2	78.0	73.8	69.2	65.6	61.7	57.0	53.6	49.6	45.2





TEST NUMBER: P395001

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T4-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
112.5°	95.1	92.5	88.7	84.4	79.0	75.8	70.8	65.6	61.5	57.0	52.2
115°	106.0	103.3	99.1	94.5	88.5	84.6	79.7	74.0	69.6	64.5	59.0
117.5°	115.6	112.8	107.9	103.2	97.1	93.0	87.6	81.7	76.8	71.4	65.5
120°	124.7	121.8	116.7	112.5	105.5	101.5	95.8	89.4	84.1	78.4	72.2
122.5°	132.6	129.7	124.6	120.4	113.3	109.2	103.2	96.3	91.1	85.1	78.5
125°	138.8	136.4	131.4	127.3	120.1	116.0	109.9	102.7	97.2	91.3	84.6
127.5°	144.1	142.0	136.9	133.1	125.8	121.8	115.6	108.6	103.3	97.1	90.3
130°	148.3	146.3	141.5	137.8	130.6	126.8	120.7	113.8	108.3	102.4	95.7
132.5°	151.5	149.9	145.1	141.6	134.7	131.2	125.3	118.5	113.1	107.3	100.8
135°	153.9	152.6	147.9	144.8	138.1	134.7	129.1	122.8	117.6	111.9	105.7
137.5°	154.8	154.0	149.4	146.6	140.3	137.4	132.1	126.2	121.2	115.9	110.1
140°	154.6	154.0	149.8	147.3	141.5	138.9	134.0	128.7	124.1	119.2	113.8
142.5°	154.1	153.8	150.0	147.7	142.4	140.2	135.7	130.9	126.9	122.3	117.6
145°	153.6	153.4	149.9	147.9	143.1	141.4	137.4	133.1	129.5	125.5	121.5
147.5°	152.6	152.8	149.6	147.9	143.4	142.1	138.6	134.8	131.8	128.2	124.8
150°	151.0	151.5	148.4	147.0	143.1	142.1	139.0	136.0	133.3	130.2	127.4
152.5°	149.0	149.4	146.7	145.6	142.2	141.5	138.9	136.3	134.1	131.4	129.3
155°	147.4	148.0	145.7	144.7	141.7	141.2	139.1	137.1	135.2	133.1	131.4
157.5°	146.1	146.8	144.9	144.0	141.5	141.2	139.5	137.9	136.4	134.6	133.1
160°	144.9	145.6	143.9	143.2	141.0	140.9	139.4	138.2	137.1	135.5	134.6
162.5°	143.1	143.8	142.4	141.8	140.0	139.9	138.8	138.0	137.1	135.7	135.2
165°	141.7	142.4	141.3	140.8	139.5	139.6	138.6	138.1	137.3	136.2	135.9
167.5°	140.8	141.6	140.7	140.4	139.3	139.5	138.8	138.6	138.0	137.0	137.0
170°	139.8	140.6	139.8	139.7	138.8	139.0	138.6	138.6	138.1	137.3	137.3
172.5°	138.2	138.9	138.4	138.3	137.8	138.0	137.7	137.9	137.3	136.6	136.9
175°	137.1	137.6	137.4	137.3	136.9	137.1	136.9	137.3	136.8	136.1	136.4
177.5°	137.3	137.7	137.7	137.4	137.3	137.4	137.3	137.7	137.3	136.6	137.1
180°	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1



TEST NUMBER: P395001

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T4-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1
2.5°	136.6	138.1	137.0	136.4	137.0	136.5	136.4	137.4	136.0	135.5	135.2
5°	135.8	137.3	136.2	135.5	136.1	135.4	135.2	136.3	134.8	134.2	133.9
7.5°	136.2	137.5	136.4	135.6	136.2	135.2	135.0	135.9	134.6	133.9	133.6
10°	136.5	137.7	136.4	135.5	136.2	134.9	134.7	135.5	134.1	133.2	132.9
12.5°	136.0	136.9	135.6	134.4	135.1	133.5	133.2	133.8	132.4	131.4	131.1
15°	134.8	135.5	133.9	132.7	133.4	131.4	130.9	131.4	130.0	128.8	128.5
17.5°	133.9	134.3	132.5	131.1	131.6	129.4	128.8	129.0	127.6	126.3	125.7
20°	133.1	133.1	131.2	129.5	129.8	127.4	126.4	126.4	125.1	123.6	122.9
22.5°	131.3	130.9	128.9	126.9	127.0	124.3	123.1	122.9	121.2	119.5	118.9
25°	129.0	128.1	125.7	123.6	123.2	120.4	119.0	118.5	117.0	115.0	114.2
27.5°	126.5	125.1	122.4	119.9	119.3	116.1	114.5	113.7	112.1	110.0	109.3
30°	124.2	122.1	119.1	116.2	115.2	111.8	110.1	109.0	107.5	105.2	104.4
32.5°	121.1	118.4	114.8	111.6	110.2	106.7	104.9	103.5	102.0	99.9	99.3
35°	117.2	113.9	109.9	106.3	104.6	100.9	98.9	97.5	96.1	94.0	93.4
37.5°	113.0	109.1	104.6	100.8	98.6	94.8	92.8	91.3	90.0	88.1	87.4
40°	108.8	104.4	99.4	95.2	92.8	89.0	86.9	85.4	84.2	81.9	80.8
42.5°	104.6	99.7	94.2	89.8	87.2	83.3	81.4	79.8	77.9	75.3	73.8
45°	99.8	94.3	88.7	84.1	81.3	77.5	75.5	73.1	71.1	68.1	65.8
47.5°	94.6	88.8	83.0	78.3	75.4	71.6	68.9	66.1	63.6	59.7	51.7
50°	89.2	83.2	77.3	72.9	69.7	65.5	62.5	58.9	52.0	46.3	42.8
52.5°	83.7	77.6	71.7	67.4	63.8	59.5	55.8	47.3	42.7	39.1	36.0
55°	78.1	72.1	66.3	62.1	58.0	53.3	45.7	39.8	36.3	33.1	30.0
57.5°	72.3	66.3	60.7	56.4	52.0	44.3	39.1	34.2	30.9	27.3	23.7
60°	66.3	60.6	55.4	50.7	45.0	37.7	34.2	29.1	25.6	20.3	16.1
62.5°	60.1	54.8	49.6	45.1	38.4	32.7	29.1	24.0	18.8	15.0	11.1
65°	54.1	49.3	44.3	38.4	33.4	28.4	24.4	19.3	14.9	11.2	8.0
67.5°	47.8	43.4	39.2	33.4	29.0	24.6	20.5	15.8	12.1	9.5	7.1
70°	41.8	37.6	33.7	28.9	24.9	21.1	17.4	13.7	10.6	8.3	6.2
72.5°	35.1	31.7	28.3	24.4	21.1	18.0	14.9	11.8	9.1	7.2	5.4
75°	29.0	26.0	23.4	20.1	17.6	14.8	12.3	9.8	7.7	6.0	4.5
77.5°	22.8	20.5	18.6	16.0	13.9	11.9	9.9	7.9	6.3	4.9	3.7
80°	16.9	15.3	13.8	11.9	10.6	8.9	7.6	6.1	4.9	3.8	2.9
82.5°	11.6	10.5	9.5	8.3	7.4	6.4	5.6	4.6	3.7	3.0	2.2
85°	7.1	6.5	6.0	5.4	4.9	4.3	3.8	3.2	2.7	2.1	1.7
87.5°	3.9	3.8	3.7	3.5	3.1	2.9	2.6	2.3	2.1	1.7	1.4
90°	2.9	2.9	2.9	2.9	2.7	2.5	2.3	2.1	2.0	1.6	1.3
92.5°	3.9	3.8	3.7	3.5	3.1	2.9	2.6	2.3	2.1	1.7	1.4
95°	7.1	6.5	6.0	5.4	4.9	4.3	3.8	3.2	2.7	2.1	1.7
97.5°	11.6	10.5	9.5	8.3	7.4	6.4	5.6	4.6	3.7	3.0	2.2
100°	16.9	15.3	13.8	11.9	10.6	8.9	7.6	6.1	4.9	3.8	2.9
102.5°	22.8	20.5	18.6	16.0	13.9	11.9	9.9	7.9	6.3	4.9	3.7
105°	29.0	26.0	23.4	20.1	17.6	14.8	12.3	9.8	7.7	6.0	4.5
107.5°	35.1	31.7	28.3	24.4	21.1	18.0	14.9	11.8	9.1	7.2	5.4
110°	41.8	37.6	33.7	28.9	24.9	21.1	17.4	13.7	10.6	8.3	6.2



TEST NUMBER: P395001

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T4-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
112.5°	47.8	43.4	39.2	33.4	29.0	24.6	20.5	15.8	12.1	9.5	7.1
115°	54.1	49.3	44.3	38.4	33.4	28.4	24.4	19.3	14.9	11.2	8.0
117.5°	60.1	54.8	49.6	45.1	38.4	32.7	29.1	24.0	18.8	15.0	11.1
120°	66.3	60.6	55.4	50.7	45.0	37.7	34.2	29.1	25.6	20.3	16.1
122.5°	72.3	66.3	60.7	56.4	52.0	44.3	39.1	34.2	30.9	27.3	23.7
125°	78.1	72.1	66.3	62.1	58.0	53.3	45.7	39.8	36.3	33.1	30.0
127.5°	83.7	77.6	71.7	67.4	63.8	59.5	55.8	47.3	42.7	39.1	36.0
130°	89.2	83.2	77.3	72.9	69.7	65.5	62.5	58.9	52.0	46.3	42.8
132.5°	94.6	88.8	83.0	78.3	75.4	71.6	68.9	66.1	63.6	59.7	51.7
135°	99.8	94.3	88.7	84.1	81.3	77.5	75.5	73.1	71.1	68.1	65.8
137.5°	104.6	99.7	94.2	89.8	87.2	83.3	81.4	79.8	77.9	75.3	73.8
140°	108.8	104.4	99.4	95.2	92.8	89.0	86.9	85.4	84.2	81.9	80.8
142.5°	113.0	109.1	104.6	100.8	98.6	94.8	92.8	91.3	90.0	88.1	87.4
145°	117.2	113.9	109.9	106.3	104.6	100.9	98.9	97.5	96.1	94.0	93.4
147.5°	121.1	118.4	114.8	111.6	110.2	106.7	104.9	103.5	102.0	99.9	99.3
150°	124.2	122.1	119.1	116.2	115.2	111.8	110.1	109.0	107.5	105.2	104.4
152.5°	126.5	125.1	122.4	119.9	119.3	116.1	114.5	113.7	112.1	110.0	109.3
155°	129.0	128.1	125.7	123.6	123.2	120.4	119.0	118.5	117.0	115.0	114.2
157.5°	131.3	130.9	128.9	126.9	127.0	124.3	123.1	122.9	121.2	119.5	118.9
160°	133.1	133.1	131.2	129.5	129.8	127.4	126.4	126.4	125.1	123.6	122.9
162.5°	133.9	134.3	132.5	131.1	131.6	129.4	128.8	129.0	127.6	126.3	125.7
165°	134.8	135.5	133.9	132.7	133.4	131.4	130.9	131.4	130.0	128.8	128.5
167.5°	136.0	136.9	135.6	134.4	135.1	133.5	133.2	133.8	132.4	131.4	131.1
170°	136.5	137.7	136.4	135.5	136.2	134.9	134.7	135.5	134.1	133.2	132.9
172.5°	136.2	137.5	136.4	135.6	136.2	135.2	135.0	135.9	134.6	133.9	133.6
175°	135.8	137.3	136.2	135.5	136.1	135.4	135.2	136.3	134.8	134.2	133.9
177.5°	136.6	138.1	137.0	136.4	137.0	136.5	136.4	137.4	136.0	135.5	135.2
180°	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1	137.1



TEST NUMBER: P395001

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T4-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	160°	165°	170°	175°	180°
0°	137.1	137.1	137.1	137.1	137.1
2.5°	135.8	136.4	135.1	135.8	135.2
5°	134.4	135.1	133.8	134.5	133.9
7.5°	134.0	134.7	133.3	134.0	133.4
10°	133.3	134.0	132.7	133.2	132.8
12.5°	131.4	132.2	130.7	131.4	131.0
15°	128.8	129.4	128.0	128.4	128.2
17.5°	125.7	126.5	125.0	125.3	125.4
20°	122.8	123.4	121.8	122.1	122.1
22.5°	118.5	119.1	117.4	117.6	117.4
25°	113.6	114.0	112.5	112.5	112.4
27.5°	108.6	109.0	107.4	107.3	107.3
30°	103.7	104.0	102.7	102.5	102.5
32.5°	98.4	98.5	97.5	97.0	96.9
35°	92.5	92.6	91.6	91.0	91.0
37.5°	86.5	85.9	84.6	84.0	84.0
40°	79.3	78.6	77.1	76.2	76.0
42.5°	71.7	70.5	68.9	67.9	67.6
45°	62.8	55.6	51.3	49.5	48.9
47.5°	46.0	43.5	41.4	40.2	39.8
50°	37.8	35.8	34.1	33.1	32.6
52.5°	31.5	29.3	27.9	26.5	25.9
55°	25.3	22.8	21.2	19.7	18.9
57.5°	17.0	13.5	11.6	10.1	10.1
60°	10.6	7.9	5.8	4.5	4.4
62.5°	6.3	3.4	1.3	0.4	0.2
65°	4.4	2.4	1.3	0.5	0.3
67.5°	3.9	2.2	1.2	0.5	0.3
70°	3.5	2.0	1.1	0.4	0.3
72.5°	3.0	1.8	1.0	0.4	0.4
75°	2.6	1.5	0.9	0.4	0.3
77.5°	2.1	1.3	0.8	0.4	0.3
80°	1.8	1.1	0.7	0.4	0.3
82.5°	1.5	1.0	0.6	0.4	0.4
85°	1.3	0.8	0.5	0.4	0.4
87.5°	1.1	0.8	0.5	0.4	0.4
90°	1.1	0.7	0.5	0.4	0.2
92.5°	1.1	0.8	0.5	0.4	0.4
95°	1.3	0.8	0.5	0.4	0.4
97.5°	1.5	1.0	0.6	0.4	0.4
100°	1.8	1.1	0.7	0.4	0.3
102.5°	2.1	1.3	0.8	0.4	0.3
105°	2.6	1.5	0.9	0.4	0.3
107.5°	3.0	1.8	1.0	0.4	0.4
110°	3.5	2.0	1.1	0.4	0.3



TEST NUMBER: P395001

CATALOG NUMBER: 303-W2-LEDB2-2700-UNV-T4-DIM10-CS-EDGE

**CANDELA DISTRIBUTION (continued):**

	160°	165°	170°	175°	180°
112.5°	3.9	2.2	1.2	0.5	0.3
115°	4.4	2.4	1.3	0.5	0.3
117.5°	6.3	3.4	1.3	0.4	0.2
120°	10.6	7.9	5.8	4.5	4.4
122.5°	17.0	13.5	11.6	10.1	10.1
125°	25.3	22.8	21.2	19.7	18.9
127.5°	31.5	29.3	27.9	26.5	25.9
130°	37.8	35.8	34.1	33.1	32.6
132.5°	46.0	43.5	41.4	40.2	39.8
135°	62.8	55.6	51.3	49.5	48.9
137.5°	71.7	70.5	68.9	67.9	67.6
140°	79.3	78.6	77.1	76.2	76.0
142.5°	86.5	85.9	84.6	84.0	84.0
145°	92.5	92.6	91.6	91.0	91.0
147.5°	98.4	98.5	97.5	97.0	96.9
150°	103.7	104.0	102.7	102.5	102.5
152.5°	108.6	109.0	107.4	107.3	107.3
155°	113.6	114.0	112.5	112.5	112.4
157.5°	118.5	119.1	117.4	117.6	117.4
160°	122.8	123.4	121.8	122.1	122.1
162.5°	125.7	126.5	125.0	125.3	125.4
165°	128.8	129.4	128.0	128.4	128.2
167.5°	131.4	132.2	130.7	131.4	131.0
170°	133.3	134.0	132.7	133.2	132.8
172.5°	134.0	134.7	133.3	134.0	133.4
175°	134.4	135.1	133.8	134.5	133.9
177.5°	135.8	136.4	135.1	135.8	135.2
180°	137.1	137.1	137.1	137.1	137.1

(END OF REPORT)