

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: LUMIERE

Report Number: P394844

Luminaire Tested: **303-A1-LEDB2-2700-UNV-T2-DIM10-EDGE**

Issue Date: 4/9/2020

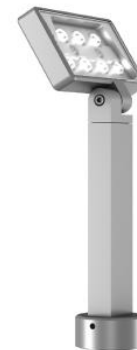
**Test Information**

Test Method: LM-79-2019  
Report Number: P394844  
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-A1-LEDB2-2700-UNV-T2-DIM10-EDGE  
Description: LUMIERE EON LED LUMINAIRE  
ACCENT GROUND MOUNT, TWO LIGHTBARS, TYPE 2 WITH EDGE GLOW  
Light Source: 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

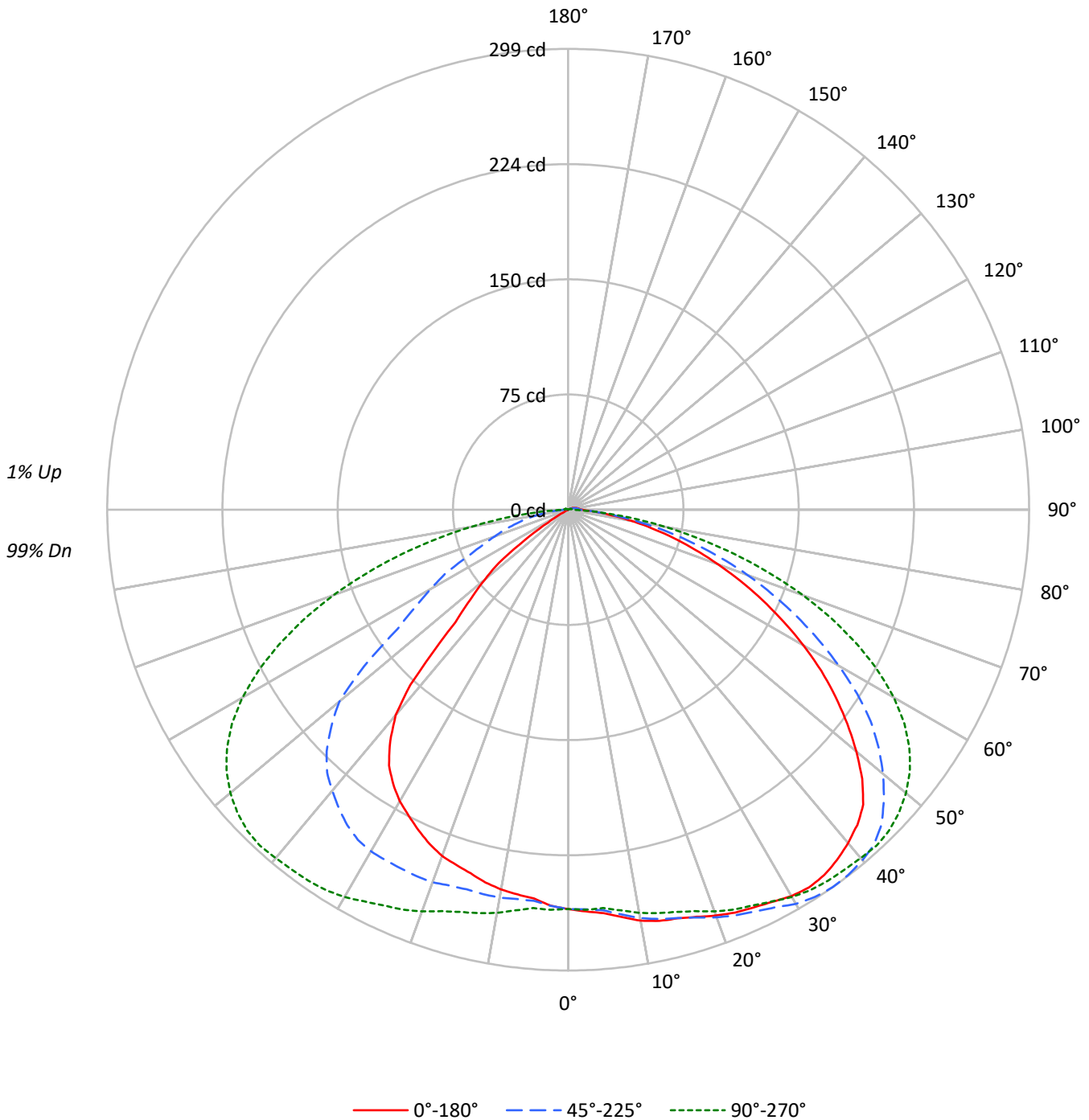
Lumens per Lamp: N/A  
Luminaire Lumens: 985.6 lumens  
Efficiency: N/A  
Efficacy: 63.6 lumens/watt  
Spacing Criteria (0/90/45): 1.45 / 1.71 / 1.67  
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.42' x H: 0.01')  
CIE Type: Direct

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: 24 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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	89	87	84
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70
3	89	78	69	63	86	76	68	62	73	66	61	70	65	60	68	63	59
4	81	69	59	53	79	67	59	52	65	57	51	62	56	50	60	54	50
5	74	61	52	45	72	60	51	44	57	50	44	55	49	43	53	47	43
6	68	54	45	39	66	53	45	38	52	44	38	50	43	38	48	42	37
7	63	49	40	34	61	48	40	34	47	39	33	45	38	33	44	37	33
8	58	45	36	30	57	44	35	30	42	35	29	41	34	29	40	34	29
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26
10	51	37	29	24	50	37	29	24	36	29	24	35	28	23	34	28	23

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

	0°	90°	180°
0°	17849	17849	17849
5°	18129	17904	17473
10°	18863	18493	17428
15°	19452	19134	17312
20°	20364	20141	17377
25°	21401	21270	17259
30°	22714	22735	17136
35°	23944	24255	16757
40°	24895	25957	15339
45°	25745	27937	9847
50°	25413	29708	7377
55°	24584	31262	3972
60°	23321	32121	847
65°	21565	31871	0
70°	19501	30346	0
75°	17222	27089	49
80°	14492	22055	70
85°	11785	13448	124



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	24.8	2.5
10°-20°	75.2	7.6
20°-30°	125.6	12.7
30°-40°	170.2	17.3
40°-50°	190.6	19.3
50°-60°	173.4	17.6
60°-70°	128.0	13.0
70°-80°	71.3	7.2
80°-90°	19.1	1.9
90°-100°	4.1	0.4
100°-110°	2.5	0.3
110°-120°	0.8	0.1
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	225.6	22.9
0°-40°	395.8	40.2
0°-60°	759.8	77.1
0°-90°	978.3	99.3
90°-120°	7.4	0.7
90°-150°	7.4	0.7
90°-180°	7.0	0.7
0°-180°	985.6	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	259	259	259	259	259	
5°	263	261	260	255	253	25
15°	274	274	270	255	244	78
25°	285	288	283	257	230	132
35°	290	299	294	250	203	181
45°	271	288	294	222	104	207
55°	212	240	270	135	34	189
65°	139	163	207	72	0	138
75°	70	84	112	35	0	75
85°	19	20	22	8	0	20
90°	9	8	3	2	0	5
95°	7	6	2	2	0	6
105°	4	4	2	1	0	5
115°	2	1	1	0	0	1
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



TEST NUMBER: P394844

CATALOG NUMBER: 303-A1-LEDB2-2700-UNV-T2-DIM10-EDGE

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1
2.5°	260.9	260.6	262.7	262.9	261.8	260.7	259.7	261.5	261.6	259.5	262.5
5°	262.7	262.2	264.3	264.5	263.4	262.2	261.3	263.1	263.1	260.9	263.6
7.5°	266.6	265.9	268.4	268.4	267.5	266.8	265.2	267.2	267.0	264.9	267.5
10°	270.8	270.4	272.9	272.7	272.0	271.1	269.7	271.6	271.1	269.1	271.5
12.5°	273.3	273.1	275.6	275.4	274.9	274.1	272.5	274.7	274.0	272.0	274.5
15°	274.5	274.5	277.2	277.2	276.5	275.9	274.5	276.7	276.1	274.3	276.5
17.5°	277.0	277.0	279.9	279.5	279.2	278.8	277.4	279.7	279.0	277.4	279.3
20°	280.2	280.4	283.4	283.1	282.9	282.7	281.1	283.4	282.9	281.5	283.1
22.5°	282.9	282.9	286.0	285.6	285.4	285.4	284.0	286.5	286.0	284.7	286.3
25°	284.7	284.9	287.7	287.6	287.2	287.6	286.3	289.4	288.6	287.6	289.0
27.5°	286.8	287.0	290.1	289.9	290.1	290.6	289.4	292.2	291.7	290.8	291.7
30°	289.5	289.9	293.1	292.7	293.3	294.0	293.1	296.0	295.6	295.3	295.8
32.5°	290.6	291.1	294.5	294.4	295.1	296.1	295.3	298.6	297.9	297.9	298.8
35°	289.5	290.1	293.3	293.3	294.4	295.8	295.3	298.6	298.5	299.0	299.9
37.5°	286.5	287.2	290.2	290.4	291.7	293.6	293.5	297.2	297.4	298.6	299.5
40°	282.4	283.1	286.1	286.5	288.1	290.1	290.1	294.0	294.5	296.9	298.6
42°	278.4	279.3	282.0	282.4	284.2	286.1	286.5	290.8	291.5	294.7	297.0
42.5°	277.7	278.4	280.9	281.1	282.9	285.1	285.4	289.7	290.4	294.0	296.3
45°	270.6	270.8	273.6	274.0	275.9	277.4	277.9	281.8	283.1	287.7	290.6
47.5°	258.6	258.9	261.3	262.5	265.4	267.5	268.2	271.8	272.9	277.7	281.7
50°	243.9	244.5	246.8	248.2	251.1	253.8	256.1	260.6	261.3	266.5	270.2
52.5°	228.2	228.9	230.7	232.1	235.3	238.2	240.9	246.3	248.6	253.9	257.0
55°	211.7	212.5	213.7	215.0	218.0	221.0	224.3	229.8	232.7	239.6	242.7
57.5°	194.6	194.4	197.4	197.4	200.3	203.2	206.4	211.7	214.6	222.1	226.9
60°	176.3	176.9	178.7	178.8	182.1	185.1	188.3	193.0	195.5	202.8	208.2
62.5°	157.7	158.3	157.9	159.9	162.9	166.1	169.7	174.2	176.1	183.1	188.3
65°	139.1	139.7	140.0	140.9	144.0	147.0	150.4	154.5	157.6	163.3	167.9
67.5°	120.9	121.2	120.5	122.5	125.2	128.0	131.3	135.0	137.5	143.1	147.2
70°	103.2	103.5	103.7	104.6	106.8	109.4	112.5	114.8	118.0	123.8	126.4
72.5°	86.4	86.7	86.0	87.3	89.4	90.8	94.2	96.2	98.5	103.7	106.0
75°	70.5	70.6	70.8	71.2	73.5	73.9	76.7	78.1	80.1	84.2	86.2
77.5°	55.4	55.4	55.6	56.0	57.0	57.9	60.1	61.0	62.8	65.8	66.3
80°	41.5	41.7	41.7	41.8	42.9	43.1	44.9	45.2	46.5	47.9	49.5
82.5°	29.1	29.3	29.3	29.3	30.0	30.0	31.1	31.1	31.8	32.5	32.7
85°	19.0	19.0	19.1	19.0	19.1	19.1	19.9	19.5	19.7	20.2	19.7
87.5°	11.6	11.8	11.8	11.6	11.8	11.4	11.8	11.3	11.3	11.3	10.4
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°	7.7	7.7	7.9	7.9	7.9	7.7	7.7	7.5	7.2	7.0	6.4
95°	7.0	7.0	7.0	7.0	7.2	7.0	7.0	6.8	6.6	6.4	5.9
97.5°	6.4	6.4	6.3	6.3	6.4	6.4	6.4	6.3	6.1	5.9	5.5
100°	5.9	5.9	5.7	5.7	5.7	5.7	5.7	5.5	5.4	5.2	5.0
102.5°	5.2	5.2	5.2	5.0	5.0	5.0	5.0	4.8	4.6	4.6	4.3
105°	4.5	4.6	4.5	4.5	4.3	4.3	4.3	4.1	3.9	3.8	3.6
107.5°	3.9	3.9	3.8	3.8	3.8	3.6	3.4	3.2	3.2	3.0	2.9



TEST NUMBER: P394844

CATALOG NUMBER: 303-A1-LEDB2-2700-UNV-T2-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
110°	3.2	3.2	3.2	3.0	3.0	2.9	2.7	2.5	2.3	2.3	2.1
112.5°	2.5	2.5	2.5	2.3	2.3	2.1	2.0	1.8	1.6	1.6	1.6
115°	1.6	1.6	1.6	1.6	1.4	1.4	1.4	1.3	1.1	1.1	1.3
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	55°	58°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1
2.5°	260.2	262.3	259.5	260.7	260.9	259.3	259.7	259.7	259.8	261.5	259.3
5°	261.5	263.4	260.6	261.6	261.6	259.7	259.8	259.7	259.5	261.1	258.4
7.5°	265.0	267.0	264.1	264.9	264.5	262.5	262.9	262.5	262.2	263.4	260.6
10°	269.0	271.1	268.2	268.8	268.4	266.1	266.5	266.1	265.6	266.5	263.4
12.5°	271.8	274.0	271.3	271.8	271.3	269.0	269.1	269.0	268.1	268.8	265.6
15°	274.1	276.1	273.8	274.0	273.3	271.1	271.3	271.3	270.2	270.6	267.5
17.5°	277.2	279.3	277.0	276.8	276.7	274.3	274.5	274.5	273.1	273.8	270.6
20°	281.3	283.6	281.3	280.9	280.8	278.6	278.4	278.8	277.4	277.9	274.7
22.5°	284.7	286.7	285.1	284.3	283.8	281.8	281.8	282.2	280.8	280.9	277.9
25°	287.4	289.5	287.7	286.8	286.5	284.5	284.7	285.2	283.3	283.4	280.8
27.5°	290.6	292.4	291.1	290.1	289.4	287.6	287.6	288.3	286.5	286.3	283.6
30°	294.9	296.5	295.6	293.8	293.1	291.3	291.7	292.4	290.2	289.9	287.4
32.5°	298.1	299.9	299.0	297.4	296.5	294.7	294.5	295.1	292.6	292.2	289.9
35°	299.7	301.9	301.3	299.4	298.6	296.7	296.1	296.7	293.8	293.1	290.8
37.5°	300.6	303.1	302.9	301.3	300.6	298.5	297.8	297.9	294.4	293.3	290.8
40°	301.0	303.3	303.8	302.4	302.2	300.4	299.4	299.4	295.1	293.3	290.4
42°	300.3	303.1	304.2	303.3	303.7	302.0	300.6	300.3	295.6	293.6	290.2
42.5°	299.9	302.6	304.0	303.3	303.8	302.4	300.8	300.4	295.8	293.5	290.1
45°	295.6	299.2	301.3	301.9	302.6	301.7	300.1	299.5	294.4	291.3	287.7
47.5°	287.9	291.9	294.9	296.9	298.5	298.6	297.2	296.9	291.0	287.2	282.9
50°	277.7	282.2	286.1	289.2	292.2	293.8	292.6	292.2	286.0	281.7	276.7
52.5°	265.4	270.2	274.1	279.3	284.0	286.7	286.3	285.8	279.3	274.3	268.8
55°	250.7	255.7	260.9	266.8	272.7	277.0	277.2	277.0	270.2	264.7	258.9
57.5°	234.6	239.1	244.8	251.4	259.3	264.7	265.4	265.2	258.6	252.5	245.5
60°	216.9	220.9	226.6	233.7	242.3	248.8	250.4	250.7	243.9	237.8	231.4
62.5°	197.6	201.7	207.1	214.1	223.0	230.3	232.5	233.4	226.6	220.5	213.5
65°	176.9	181.0	186.7	193.1	202.1	209.8	212.1	213.0	206.7	201.2	195.1
67.5°	155.2	159.2	164.7	171.0	179.5	187.1	189.6	190.8	185.1	179.7	174.2
70°	133.6	136.8	142.0	147.9	155.9	161.8	165.4	166.7	161.7	156.8	152.0
72.5°	112.1	114.6	119.5	124.5	131.4	136.8	140.2	141.5	137.0	133.1	129.3
75°	90.8	93.2	97.1	101.4	107.1	112.8	114.6	115.9	111.9	108.7	105.9
77.5°	70.6	72.1	75.5	78.9	83.3	86.6	89.1	90.3	87.1	84.6	82.4
80°	51.7	52.4	55.1	57.2	60.6	62.6	64.6	65.3	64.0	61.3	60.1
82.5°	34.7	34.9	36.7	37.7	39.5	41.7	42.0	42.4	41.3	39.7	39.3
85°	20.6	20.2	21.5	21.5	21.8	23.1	22.9	22.9	22.2	21.8	21.6
87.5°	10.6	10.0	10.4	10.0	9.7	9.7	9.1	8.9	8.6	8.6	8.8
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°	6.1	5.7	5.7	5.2	4.6	4.1	3.6	3.0	2.7	2.7	2.9
95°	5.7	5.4	5.4	4.8	4.3	3.8	3.0	2.7	2.5	2.5	2.7
97.5°	5.2	5.0	4.8	4.3	3.8	3.2	2.9	2.5	2.5	2.3	2.5
100°	4.6	4.3	4.3	3.8	3.2	2.9	2.7	2.3	2.3	2.1	2.3
102.5°	3.9	3.8	3.6	3.2	2.9	2.7	2.5	2.3	2.1	2.1	2.1
105°	3.2	3.0	3.0	2.7	2.5	2.5	2.3	2.1	2.0	2.0	2.0
107.5°	2.7	2.5	2.3	2.3	2.3	2.3	2.0	1.8	1.8	1.8	1.8





TEST NUMBER: P394844

CATALOG NUMBER: 303-A1-LEDB2-2700-UNV-T2-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	55°	58°	60°	65°	70°	75°	80°	85°	90°	95°	100°
110°	2.0	2.0	2.0	2.1	2.0	2.0	1.8	1.6	1.6	1.4	1.4
112.5°	1.6	1.6	1.8	1.8	1.8	1.8	1.6	1.4	1.4	1.3	1.3
115°	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.1	1.1	1.1	1.1
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P394844

CATALOG NUMBER: 303-A1-LEDB2-2700-UNV-T2-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1	259.1
2.5°	260.6	258.4	258.2	257.5	258.8	256.6	257.3	255.4	255.4	255.4	255.9
5°	259.3	257.0	256.6	255.6	256.6	254.1	254.7	252.5	252.0	251.8	252.2
7.5°	261.1	258.4	258.1	256.4	257.2	254.5	254.8	252.5	251.3	251.1	251.4
10°	263.6	260.7	260.0	258.1	258.6	255.6	255.6	252.7	251.3	250.4	250.5
12.5°	265.4	262.5	261.5	258.8	259.1	255.9	255.4	252.0	250.0	248.9	248.8
15°	267.2	263.8	262.7	259.5	259.7	256.1	255.0	251.1	248.4	246.6	246.3
17.5°	270.2	266.6	265.2	261.5	261.1	257.5	255.7	251.1	247.7	245.4	244.6
20°	274.0	270.4	268.8	264.5	263.8	259.5	257.2	251.8	247.7	244.8	243.6
22.5°	277.2	273.4	271.5	266.8	265.6	260.4	257.3	251.3	246.3	242.9	240.7
25°	279.3	275.8	273.4	268.1	266.5	260.9	256.8	250.2	244.1	239.8	237.0
27.5°	282.2	278.4	275.8	270.0	267.7	261.5	256.4	248.6	241.8	236.4	232.8
30°	285.8	281.5	279.0	272.0	269.1	262.0	255.9	247.5	239.5	233.6	228.9
32.5°	287.9	283.4	280.1	272.7	269.0	261.1	253.9	244.3	235.2	228.4	223.5
35°	288.1	283.6	279.5	271.5	267.0	257.9	249.8	239.3	229.4	221.9	216.4
37.5°	287.9	282.2	277.7	269.0	263.2	253.4	244.3	233.0	222.5	214.4	208.3
40°	286.8	280.9	275.4	265.4	258.6	248.2	238.0	226.2	214.6	204.8	196.9
42°	286.1	279.3	272.7	262.2	254.5	243.7	232.8	220.1	206.6	195.3	186.2
42.5°	285.4	278.8	271.6	261.3	253.6	242.3	231.4	218.2	204.2	192.6	182.9
45°	282.0	274.1	266.3	254.8	245.9	234.1	221.6	206.2	190.5	175.4	158.1
47.5°	276.7	267.7	258.4	246.3	236.2	223.4	208.5	191.0	168.3	138.8	118.0
50°	269.5	259.7	248.9	235.9	225.5	210.5	193.9	164.2	128.0	111.4	99.6
52.5°	260.6	249.6	237.8	224.4	211.6	195.1	167.0	129.3	107.8	95.7	84.9
55°	250.0	238.2	225.3	210.8	196.0	171.5	135.2	109.8	93.4	83.2	72.2
57.5°	236.6	224.4	210.7	195.3	175.3	139.7	117.5	96.4	80.7	70.1	54.5
60°	221.2	208.9	194.2	177.8	146.5	120.5	103.0	84.4	65.3	46.7	33.3
62.5°	203.9	191.5	176.7	154.5	127.0	106.0	89.8	67.2	45.4	34.9	24.3
65°	185.3	172.9	157.7	132.5	111.4	92.6	71.7	53.3	36.3	27.5	18.2
67.5°	164.9	153.3	138.2	115.5	96.9	79.0	59.9	44.7	30.2	22.9	15.9
70°	143.6	133.1	119.3	99.6	83.0	67.4	50.8	38.1	26.1	19.9	13.8
72.5°	121.6	112.5	101.0	83.7	69.7	56.5	42.7	32.0	22.0	16.8	11.8
75°	99.3	91.7	82.3	68.1	56.7	46.1	34.9	26.3	18.2	13.8	9.8
77.5°	77.4	71.4	64.2	53.1	44.2	35.6	27.4	20.9	14.5	10.9	7.9
80°	56.5	52.0	46.9	39.0	32.4	26.6	20.4	15.4	10.9	8.4	6.1
82.5°	37.0	34.2	30.8	25.8	21.6	18.1	13.8	10.9	7.7	5.9	4.5
85°	20.6	19.1	17.3	14.7	12.5	10.7	8.4	6.8	5.0	3.9	3.0
87.5°	8.6	8.0	7.5	6.8	5.9	5.4	4.3	3.6	2.9	2.3	1.8
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°	3.0	3.0	3.0	3.0	2.9	2.7	2.3	2.1	1.8	1.4	1.1
95°	2.9	2.9	2.9	2.9	2.7	2.5	2.3	2.0	1.6	1.4	1.1
97.5°	2.5	2.7	2.7	2.7	2.5	2.3	2.0	1.6	1.3	0.9	0.7
100°	2.3	2.3	2.3	2.3	2.3	2.0	1.8	1.4	1.3	0.9	0.5
102.5°	2.1	2.1	2.1	2.1	2.0	1.8	1.4	1.3	0.9	0.5	0.5
105°	1.8	1.8	1.8	1.8	1.6	1.6	1.3	1.1	0.7	0.5	0.4
107.5°	1.6	1.6	1.4	1.6	1.4	1.3	1.1	0.7	0.5	0.4	0.4



TEST NUMBER: P394844

CATALOG NUMBER: 303-A1-LEDB2-2700-UNV-T2-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
110°	1.4	1.4	1.3	1.3	1.3	1.1	0.9	0.7	0.4	0.4	0.4
112.5°	1.3	1.3	1.1	0.9	0.9	0.9	0.7	0.5	0.4	0.4	0.4
115°	1.1	0.9	0.7	0.7	0.7	0.5	0.5	0.4	0.4	0.2	0.2
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P394844

CATALOG NUMBER: 303-A1-LEDB2-2700-UNV-T2-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	160°	165°	170°	175°	180°
0°	259.1	259.1	259.1	259.1	259.1
2.5°	254.8	255.6	255.7	255.7	257.2
5°	250.9	252.0	251.6	251.8	253.2
7.5°	249.6	250.7	250.0	250.4	251.8
10°	248.8	249.5	248.8	248.8	250.2
12.5°	246.8	247.3	245.9	245.9	247.7
15°	243.9	244.3	242.7	242.7	244.3
17.5°	242.0	242.1	240.0	240.0	241.6
20°	240.2	240.2	237.8	237.7	239.1
22.5°	237.1	236.8	233.9	233.4	234.8
25°	232.7	231.8	228.7	228.0	229.6
27.5°	228.0	226.8	223.2	222.5	223.9
30°	223.5	221.8	217.8	217.1	218.4
32.5°	217.6	215.3	210.8	210.1	211.2
35°	210.1	207.3	202.6	201.5	202.6
37.5°	200.6	196.0	190.5	188.8	189.7
40°	188.0	182.4	175.4	173.1	174.0
42°	175.3	167.0	157.0	152.4	153.1
42.5°	171.1	161.1	148.8	143.1	143.4
45°	131.3	114.8	107.1	103.2	103.5
47.5°	102.1	93.5	88.3	85.1	85.7
50°	85.8	77.8	73.1	70.5	70.8
52.5°	72.6	65.1	60.6	57.8	56.7
55°	59.7	50.1	43.3	37.6	34.2
57.5°	33.1	23.4	19.1	16.6	15.4
60°	20.0	13.6	9.8	7.5	6.4
62.5°	13.1	7.5	3.9	1.4	0.4
65°	9.3	4.8	2.3	0.7	0.0
67.5°	8.2	4.3	2.1	0.5	0.0
70°	7.3	3.9	1.8	0.5	0.0
72.5°	6.3	3.4	1.6	0.5	0.0
75°	5.5	2.9	1.4	0.5	0.2
77.5°	4.5	2.5	1.3	0.4	0.2
80°	3.6	2.0	1.1	0.4	0.2
82.5°	2.7	1.6	0.9	0.4	0.2
85°	2.0	1.3	0.7	0.4	0.2
87.5°	1.3	0.9	0.5	0.2	0.2
90°	1.1	0.7	0.4	0.2	0.2
92.5°	0.9	0.7	0.4	0.2	0.2
95°	0.7	0.5	0.2	0.2	0.0
97.5°	0.5	0.4	0.2	0.2	0.2
100°	0.4	0.4	0.2	0.2	0.2
102.5°	0.4	0.2	0.2	0.2	0.2
105°	0.4	0.2	0.2	0.2	0.2
107.5°	0.2	0.2	0.2	0.2	0.2



TEST NUMBER: P394844

CATALOG NUMBER: 303-A1-LEDB2-2700-UNV-T2-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	160°	165°	170°	175°	180°
110°	0.4	0.2	0.2	0.2	0.2
112.5°	0.4	0.4	0.2	0.2	0.2
115°	0.2	0.2	0.2	0.2	0.2
117.5°	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)