

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: P394809

Luminaire Tested: **303-P1-LEDB1-3000-UNV-T5X-DIM10-EDGE**

Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P394809  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 4/9/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 303-P1-LEDB1-3000-UNV-T5X-DIM10-EDGE  
Description: LUMIERE EON LED LUMINAIRE  
PATHWAY, TYPE 5 WITH EDGE GLOW  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 613.3 lumens  
Efficiency: N/A  
Efficacy: 74.8 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.21' x H: 0.01')  
IES Classification: Type I - Short  
BUG Rating: B0 - U1 - G0

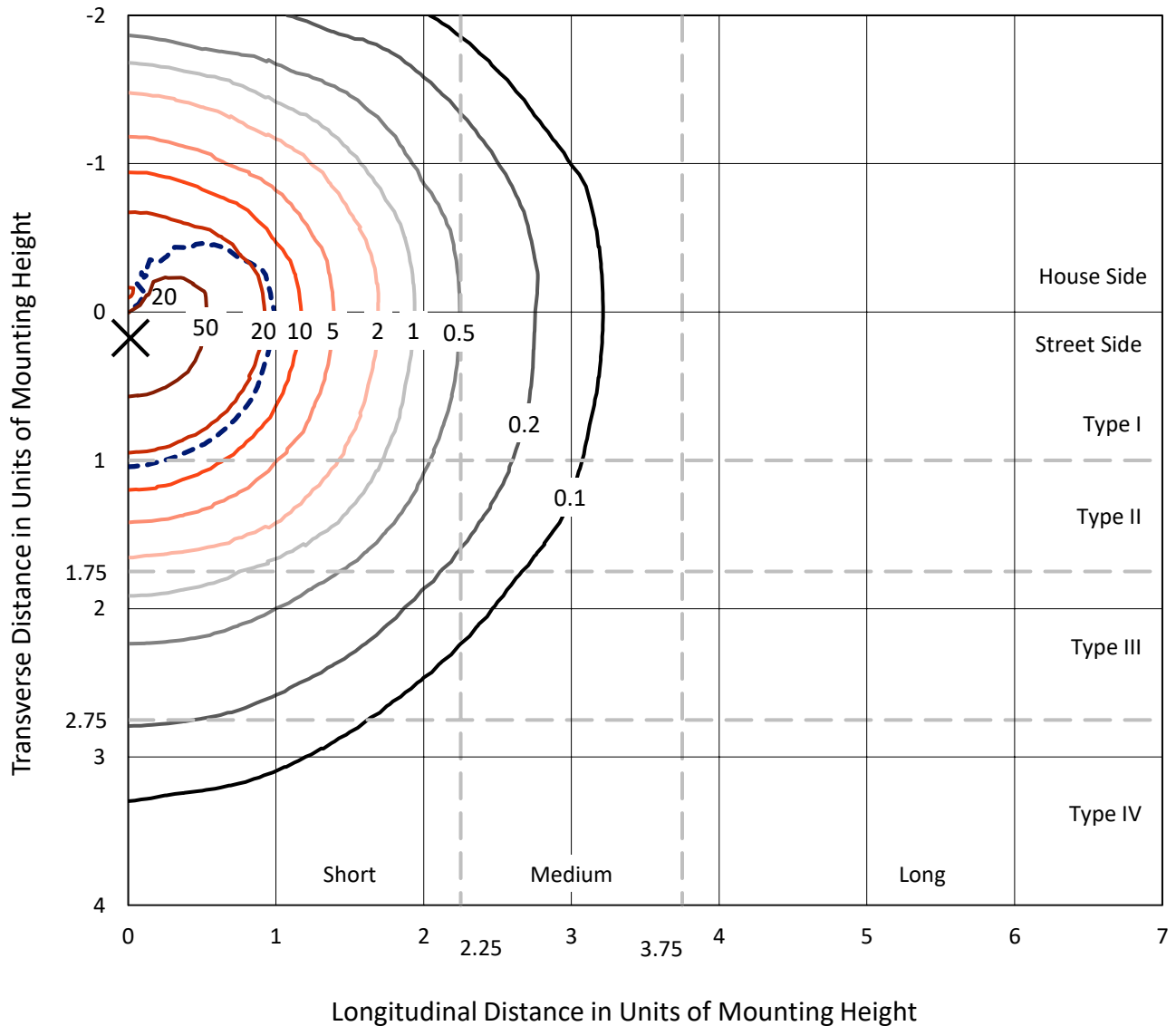
Input Watts (W): 8.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

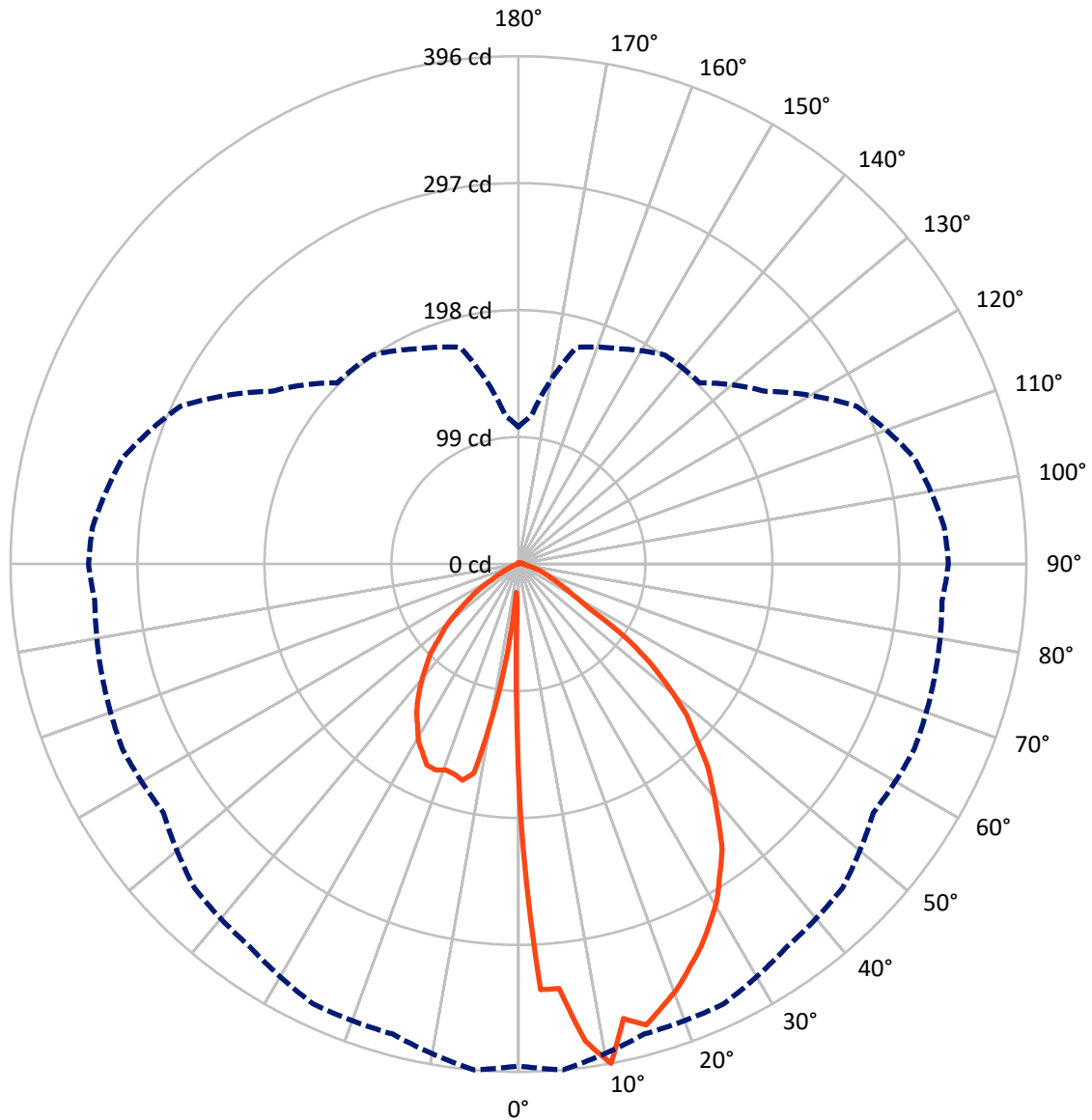
× Max cd  
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 88.2 fc  
 Type I - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 5-Deg Lateral      - - - Horizontal Cone Through 10-Deg Vertical

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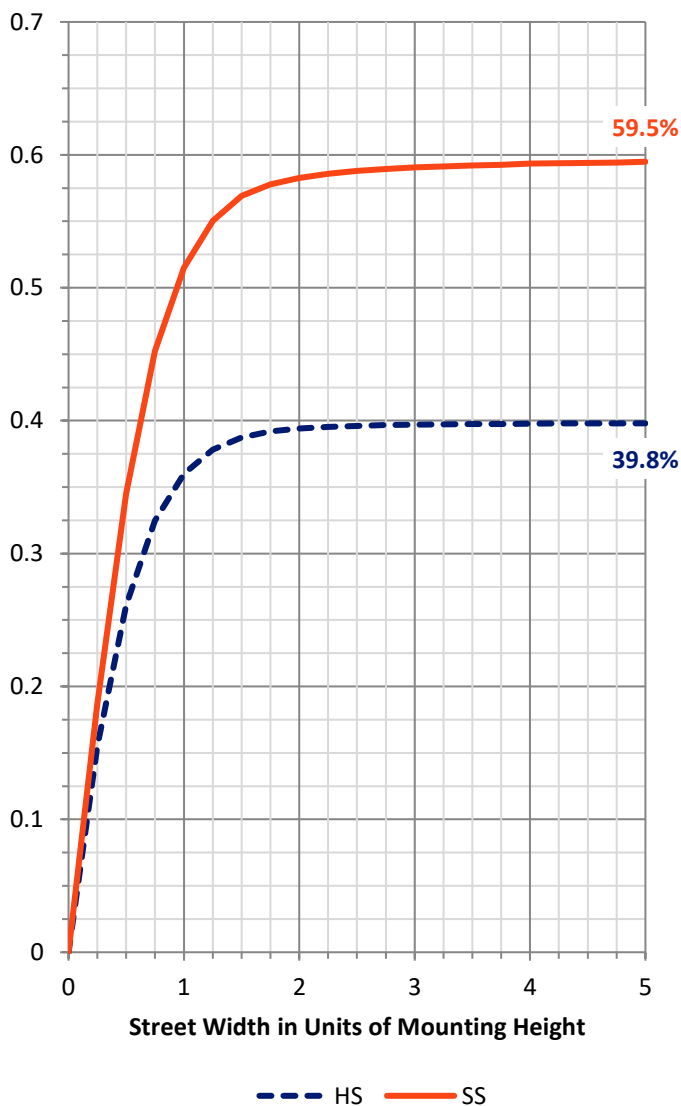
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	245.7	0.1	245.8
	% Fixture	40.1	0.0	40.1
<b>Street Side</b>	Lumens	364.7	2.8	367.5
	% Fixture	59.5	0.5	59.9
<b>Total</b>	Lumens	610.4	2.9	613.3
	% Fixture	99.5	0.5	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	23.7	3.9
10°-20°	83.6	13.6
20°-30°	125.0	20.4
30°-40°	140.2	22.9
40°-50°	122.1	19.9
50°-60°	75.0	12.2
60°-70°	28.8	4.7
70°-80°	9.9	1.6
80°-90°	2.2	0.4
90°-100°	1.2	0.2
100°-110°	0.8	0.1
110°-120°	0.5	0.1
120°-130°	0.3	0.0
130°-140°	0.1	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-90°	610.4	99.5
0°-180°	613.3	100.0

**Coefficient of Utilization**



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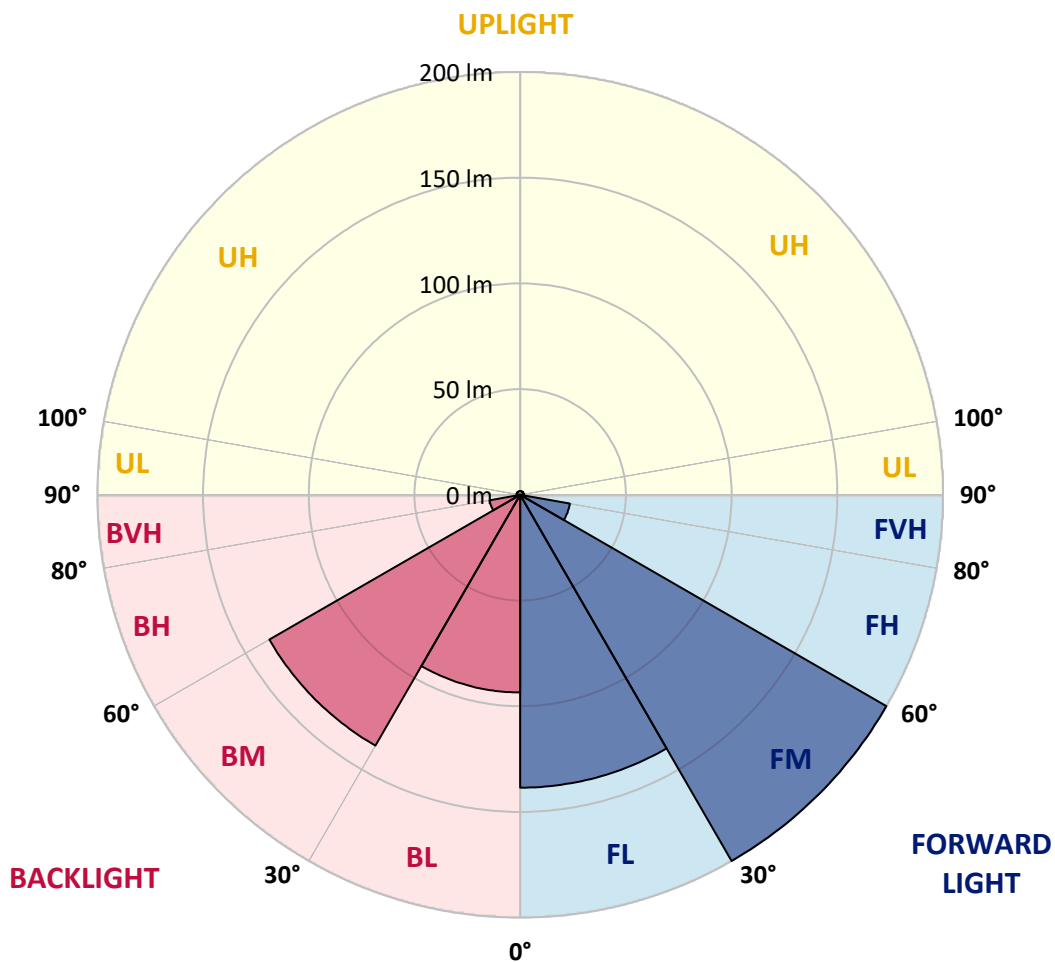
CATALOG NUMBER: 303-P1-LEDB1-3000-UNV-T5X-DIM10-EDGE

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	138.7	22.6			
FM (30°-60°)	200.2	32.6			
FH (60°-80°)	23.9	3.9			G0/660
FVH (80°-90°)	1.9	0.3			G0/10
BL (0°-30°)	93.6	15.3	B0/110		
BM (30°-60°)	137.1	22.4	B0/220		
BH (60°-80°)	14.7	2.4	B0/110		G0/110
BVH (80°-90°)	0.3	0.0			G0/10
UL (90°-100°)	1.2	0.2		U1/10	
UH (100°-180°)	1.7	0.3		U1/10	

**BUG Rating: B0-U1-G0**

Type I Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0
2.5°	334.8	332.0	332.9	336.6	320.1	302.6	268.6	243.7	227.2	216.1	214.3
5°	333.9	332.0	335.7	333.9	329.3	333.9	320.1	331.1	286.9	260.3	264.0
7.5°	366.0	375.2	372.5	353.2	340.3	339.4	332.0	336.6	329.3	309.9	298.9
10°	390.9	395.5	378.9	378.0	364.2	356.8	337.5	340.3	335.7	331.1	334.8
12.5°	366.0	363.3	362.4	362.4	358.7	369.7	357.8	340.3	336.6	333.9	333.9
15°	374.3	372.5	363.3	364.2	351.3	357.8	353.2	344.0	332.0	330.2	328.3
17.5°	358.7	362.4	356.8	359.6	347.6	355.0	348.6	338.5	324.7	320.1	326.5
20°	350.4	353.2	348.6	350.4	344.0	344.9	340.3	332.9	321.0	318.2	317.3
22.5°	340.3	341.2	337.5	340.3	334.8	336.6	332.0	325.6	313.6	310.9	313.6
25°	328.3	330.2	325.6	329.3	322.8	321.0	317.3	314.5	309.0	299.8	300.7
27.5°	314.5	317.3	315.5	317.3	314.5	314.5	310.9	302.6	295.2	290.6	294.3
30°	302.6	304.4	301.7	300.7	300.7	303.5	298.0	289.7	283.3	280.5	284.2
32.5°	288.8	287.9	287.9	288.8	288.8	280.5	284.2	279.6	267.6	266.7	274.1
35°	270.4	273.2	265.8	271.3	270.4	272.2	268.6	264.0	256.6	252.9	256.6
37.5°	252.9	252.9	255.7	249.2	251.1	253.8	251.1	244.6	240.0	237.3	237.3
40°	235.4	233.6	233.6	228.1	237.3	232.7	229.0	226.2	223.5	221.6	219.8
42.5°	215.2	216.1	215.2	208.8	212.5	209.7	209.7	203.3	203.3	201.4	202.3
45°	195.0	194.1	193.1	193.1	191.3	191.3	190.4	185.8	182.1	180.3	183.0
47.5°	175.7	176.6	170.1	169.2	171.1	170.1	170.1	160.9	159.1	161.9	160.9
50°	151.8	152.7	149.9	147.2	149.9	147.2	149.0	141.6	138.9	138.0	140.7
52.5°	128.8	128.8	131.5	126.0	126.0	123.2	128.8	119.6	117.7	116.8	117.7
55°	102.1	102.1	103.0	103.0	106.7	103.0	104.8	98.4	95.6	93.8	92.0
57.5°	67.1	64.4	70.8	82.8	85.5	83.7	82.8	78.2	74.5	73.6	73.6
60°	48.7	48.7	48.7	52.4	65.3	62.5	64.4	60.7	57.0	56.1	55.2
62.5°	39.5	39.5	39.5	38.6	44.1	49.7	49.7	46.0	42.3	40.5	41.4
65°	31.3	31.3	32.2	31.3	32.2	36.8	35.9	34.0	33.1	32.2	32.2
67.5°	25.8	25.8	25.8	25.8	24.8	25.8	27.6	26.7	26.7	25.8	25.8
70°	21.2	21.2	21.2	20.2	20.2	19.3	20.2	21.2	21.2	20.2	20.2
72.5°	17.5	16.6	16.6	15.6	14.7	14.7	14.7	16.6	15.6	15.6	15.6
75°	12.9	12.9	12.9	12.0	11.0	11.0	10.1	11.0	12.0	11.0	11.0
77.5°	10.1	10.1	10.1	9.2	9.2	8.3	7.4	7.4	7.4	7.4	7.4
80°	8.3	7.4	7.4	7.4	6.4	6.4	5.5	4.6	4.6	4.6	3.7
82.5°	5.5	5.5	5.5	5.5	4.6	4.6	3.7	2.8	2.8	1.8	1.8
85°	5.5	4.6	4.6	4.6	4.6	3.7	2.8	1.8	0.9	0.9	0.9
87.5°	4.6	4.6	4.6	3.7	3.7	2.8	2.8	1.8	0.9	0.0	0.0
90°	3.7	3.7	3.7	3.7	3.7	2.8	1.8	0.9	0.9	0.0	0.0
92.5°	3.7	3.7	3.7	3.7	2.8	2.8	1.8	0.9	0.9	0.0	0.0
95°	3.7	3.7	3.7	3.7	2.8	2.8	1.8	0.9	0.9	0.0	0.0
97.5°	2.8	2.8	2.8	2.8	2.8	1.8	1.8	0.9	0.9	0.0	0.0
100°	2.8	2.8	2.8	2.8	2.8	1.8	1.8	0.9	0.9	0.0	0.0
102.5°	2.8	2.8	2.8	2.8	1.8	1.8	1.8	0.9	0.0	0.0	0.0
105°	2.8	2.8	2.8	1.8	1.8	1.8	1.8	0.9	0.0	0.0	0.0
107.5°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.0	0.0	0.0
110°	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
112.5°	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.0	0.0	0.0
115°	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.0	0.0	0.0
117.5°	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
120°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
122.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0
125°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0
127.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
130°	0.9	0.9	0.9	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0
132.5°	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.9	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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
167.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
170°	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.9	0.9
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9
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):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0	195.0
2.5°	213.4	201.4	153.6	124.2	92.0	78.2	49.7	46.0	28.5	8.3
5°	248.3	217.1	191.3	146.2	109.4	92.9	66.2	30.4	22.1	4.6
7.5°	290.6	287.9	238.2	211.5	164.6	143.5	115.0	88.3	68.1	52.4
10°	332.9	319.1	290.6	234.5	199.6	198.7	184.9	174.7	115.9	106.7
12.5°	330.2	332.9	290.6	265.8	240.0	209.7	192.2	177.5	166.5	160.9
15°	328.3	330.2	286.9	264.9	235.4	202.3	189.5	176.6	173.8	180.3
17.5°	322.8	324.7	281.4	266.7	231.8	199.6	184.9	177.5	171.1	176.6
20°	315.5	323.7	277.8	262.1	228.1	191.3	183.0	177.5	170.1	173.8
22.5°	310.9	313.6	268.6	254.8	221.6	190.4	179.3	171.1	172.9	170.1
25°	300.7	301.7	262.1	248.3	216.1	182.1	174.7	165.5	172.0	165.5
27.5°	289.7	297.1	251.1	235.4	208.8	175.7	167.4	160.0	164.6	159.1
30°	277.8	277.8	241.9	225.3	197.7	164.6	160.0	153.6	158.2	149.9
32.5°	265.8	264.9	229.0	213.4	186.7	154.5	150.8	145.3	148.1	144.4
35°	252.9	251.1	217.1	201.4	175.7	149.0	143.5	136.1	139.8	136.1
37.5°	234.5	237.3	203.3	186.7	163.7	137.0	133.4	129.7	129.7	124.2
40°	219.8	215.2	185.8	171.1	150.8	126.9	124.2	116.8	118.6	115.0
42.5°	197.7	200.5	171.1	154.5	136.1	115.0	112.2	106.7	107.6	105.8
45°	179.3	174.7	149.9	138.9	125.1	102.1	99.3	93.8	97.5	94.7
47.5°	159.1	155.4	133.4	122.3	109.4	90.1	88.3	83.7	83.7	83.7
50°	138.0	137.0	115.9	104.8	93.8	76.3	74.5	70.8	73.6	71.7
52.5°	115.9	114.0	98.4	91.1	78.2	64.4	60.7	58.9	59.8	59.8
55°	92.9	92.0	79.1	74.5	64.4	51.5	48.7	46.9	46.9	48.7
57.5°	73.6	70.8	62.5	57.9	49.7	40.5	39.5	36.8	37.7	38.6
60°	57.0	56.1	48.7	43.2	38.6	31.3	28.5	24.8	23.9	24.8
62.5°	41.4	42.3	37.7	34.0	30.4	23.0	19.3	12.9	15.6	16.6
65°	32.2	32.2	27.6	26.7	23.0	16.6	12.9	9.2	12.0	12.9
67.5°	25.8	25.8	22.1	19.3	16.6	11.0	10.1	6.4	7.4	9.2
70°	21.2	20.2	17.5	14.7	12.0	8.3	7.4	4.6	5.5	6.4
72.5°	15.6	15.6	12.0	10.1	8.3	6.4	5.5	2.8	3.7	3.7
75°	11.0	12.0	8.3	6.4	5.5	4.6	3.7	1.8	1.8	2.8
77.5°	7.4	7.4	4.6	4.6	3.7	2.8	1.8	0.9	0.9	0.9
80°	4.6	3.7	2.8	2.8	1.8	0.9	0.9	0.0	0.0	0.9
82.5°	1.8	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0
85°	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: 303-P1-LEDB1-3000-UNV-T5X-DIM10-EDGE

**CANDELA DISTRIBUTION (continued):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	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
122.5°	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
127.5°	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
132.5°	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
137.5°	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
142.5°	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
147.5°	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
152.5°	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
157.5°	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
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0
167.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
170°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
172.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
175°	0.0	0.0	0.0	0.0	0.0	0.9	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
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)