

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: P394792

Luminaire Tested: **303-P1-LEDB1-2700-UNV-T2-DIM10-EDGE**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394792
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-16)
Test Lab: INNOVATION CENTER
Issue Date: 4/9/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 303-P1-LEDB1-2700-UNV-T2-DIM10-EDGE
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 2 WITH EDGE GLOW
Light Source: 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 634.5 lumens
Efficiency: N/A
Efficacy: 77.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.21' x H: 0.01')
IES Classification: Type II - Short
BUG Rating: B0 - U1 - G0

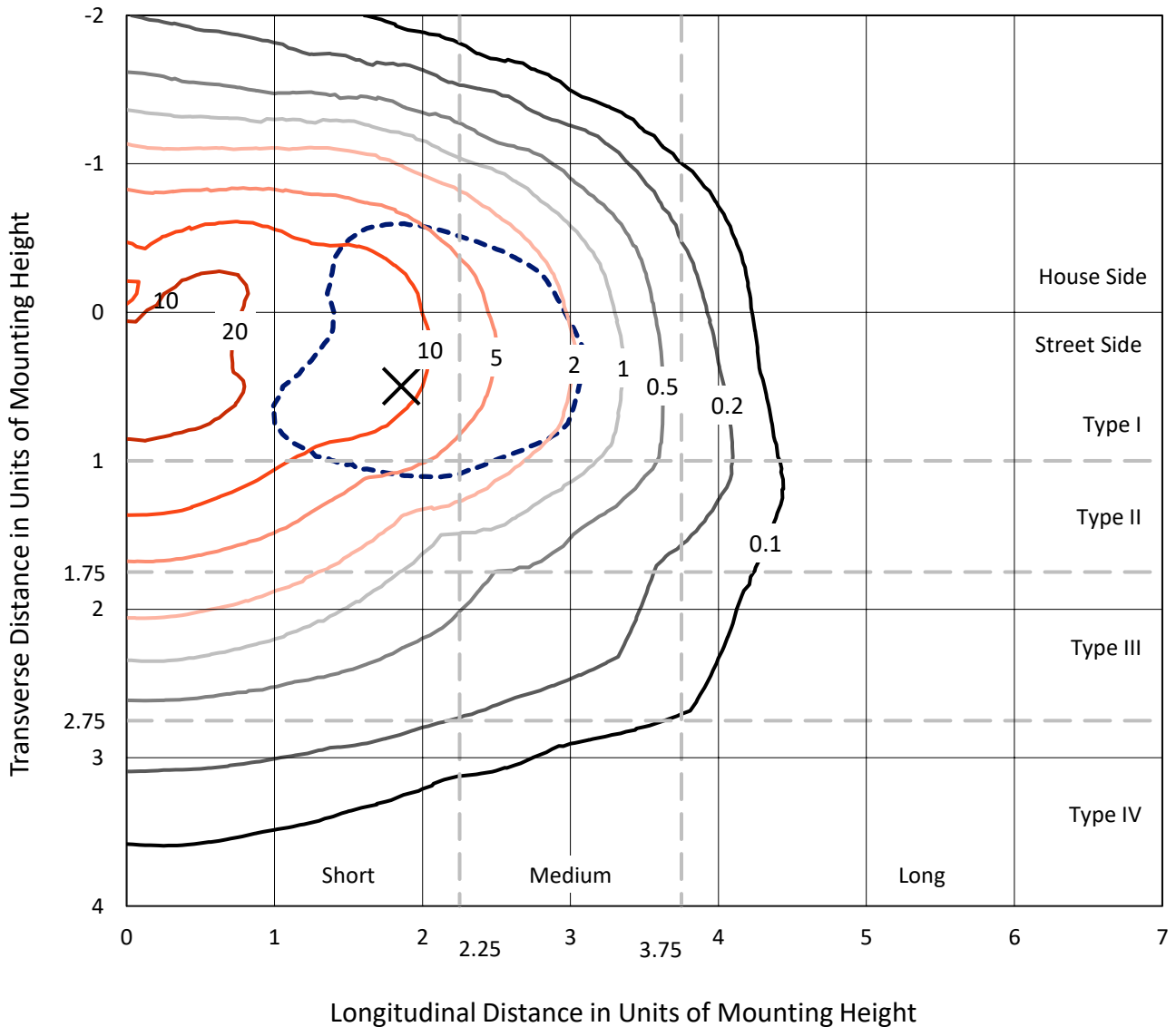
Input Watts (W): 8.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

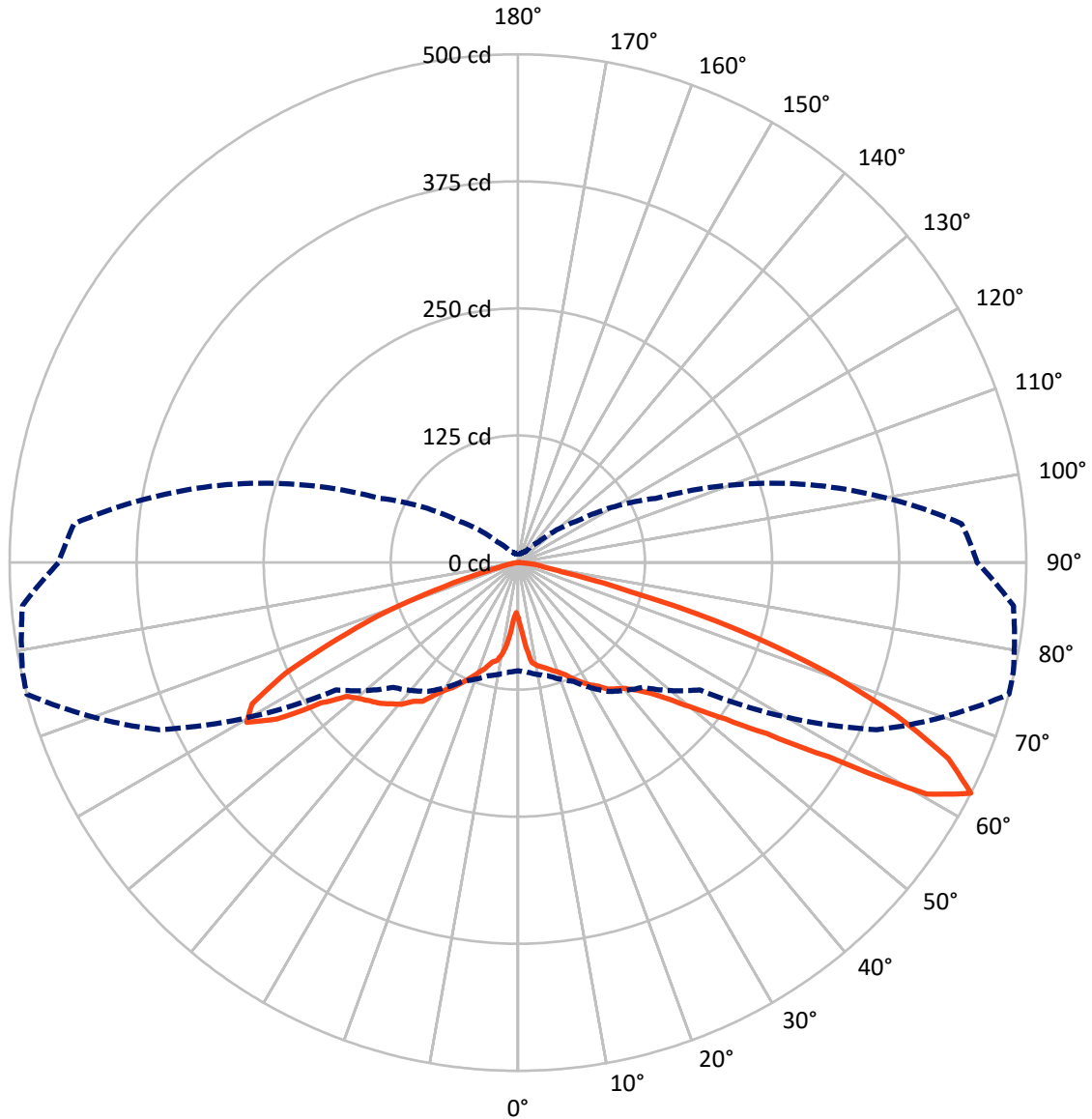
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 27.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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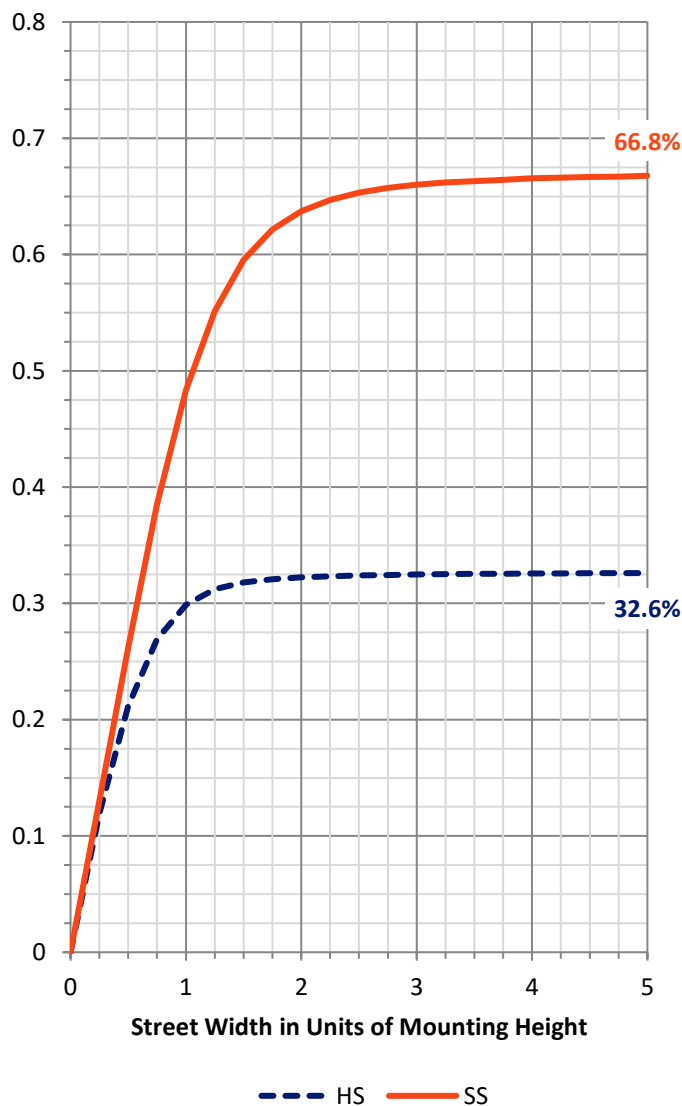
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	208.1	0.0	208.1
	% Fixture	32.8	0.0	32.8
Street Side	Lumens	424.4	1.9	426.4
	% Fixture	66.9	0.3	67.2
Total	Lumens	632.5	1.9	634.5
	% Fixture	99.7	0.3	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.9	1.1
10°-20°	26.7	4.2
20°-30°	49.4	7.8
30°-40°	81.1	12.8
40°-50°	117.1	18.4
50°-60°	153.9	24.3
60°-70°	151.0	23.8
70°-80°	42.3	6.7
80°-90°	4.2	0.7
90°-100°	0.8	0.1
100°-110°	0.6	0.1
110°-120°	0.3	0.1
120°-130°	0.2	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°-90°	632.5	99.7
0°-180°	634.5	100.0

Coefficient of Utilization



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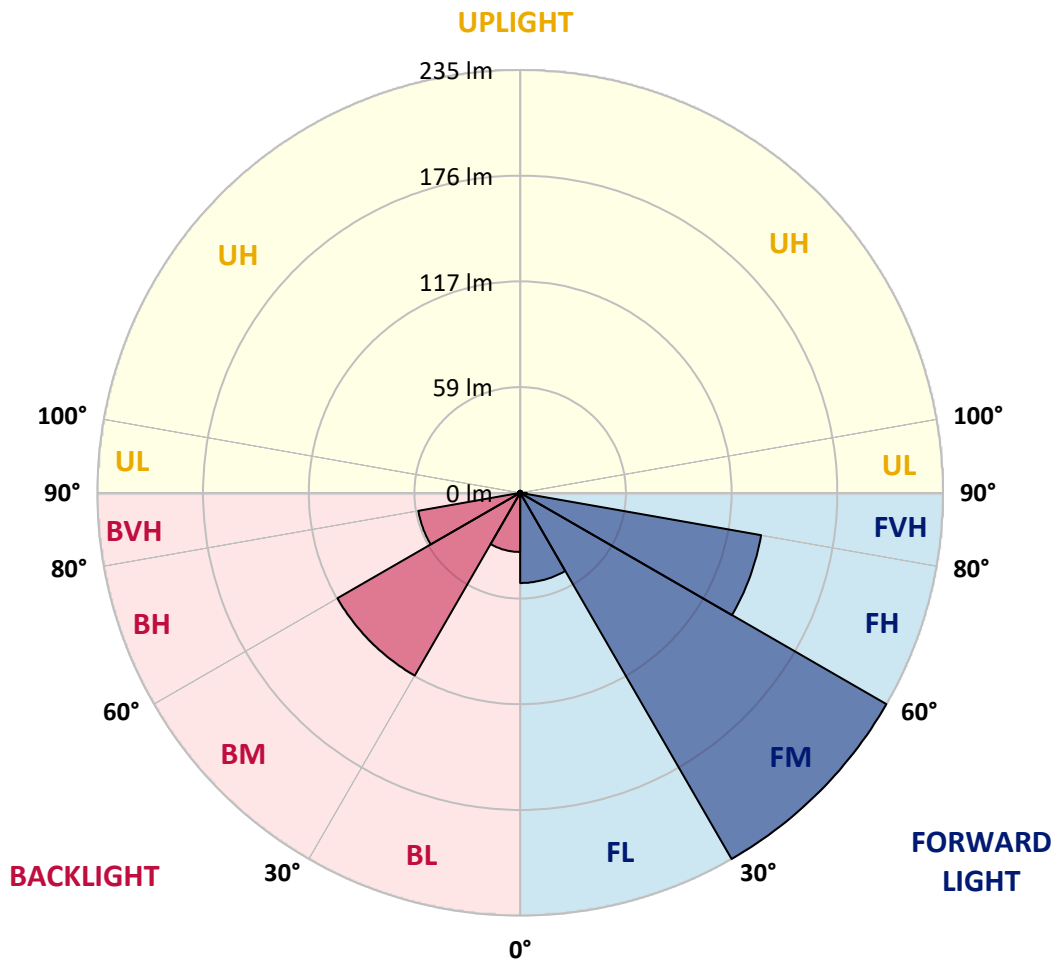
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	50.1	7.9			
FM (30°-60°)	234.8	37.0			
FH (60°-80°)	135.9	21.4			G0/660
FVH (80°-90°)	3.6	0.6			G0/10
BL (0°-30°)	32.9	5.2	B0/110		
BM (30°-60°)	117.2	18.5	B0/220		
BH (60°-80°)	57.5	9.1	B0/110		G0/110
BVH (80°-90°)	0.6	0.1			G0/10
UL (90°-100°)	0.8	0.1		U1/10	
UH (100°-180°)	1.1	0.2		U1/10	

BUG Rating: B0-U1-G0

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77.5°	85°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	95.7	96.6	96.6	91.2	88.5	82.3	75.1	68.0	65.3	64.4	61.7
5°	101.0	101.0	98.4	98.4	99.3	98.4	97.5	90.3	83.2	78.7	76.0
7.5°	110.9	111.8	106.4	105.5	103.7	103.7	98.4	99.3	99.3	97.5	88.5
10°	116.2	118.0	112.7	110.9	110.0	110.0	106.4	104.6	102.8	100.1	101.0
12.5°	118.0	118.0	115.3	115.3	112.7	112.7	110.9	103.7	105.5	104.6	102.8
15°	121.6	121.6	118.0	118.0	115.3	110.9	112.7	109.1	108.2	107.3	107.3
17.5°	123.4	127.9	122.5	118.9	117.1	116.2	114.5	111.8	111.8	110.9	108.2
20°	125.2	127.0	126.1	122.5	118.9	118.0	116.2	115.3	115.3	115.3	116.2
22.5°	127.0	127.9	126.1	123.4	122.5	118.9	118.9	119.8	119.8	118.0	121.6
25°	127.0	127.9	126.1	124.3	122.5	124.3	122.5	126.1	127.0	127.0	128.8
27.5°	125.2	129.7	128.8	127.0	126.1	127.0	128.8	131.4	133.2	133.2	135.0
30°	135.0	138.6	136.8	133.2	132.3	134.1	132.3	135.0	139.5	139.5	139.5
32.5°	150.2	150.2	149.3	144.9	144.9	144.9	144.0	140.4	144.9	144.9	148.4
35°	158.3	165.4	161.8	160.9	160.9	159.2	154.7	152.9	152.9	150.2	152.9
37.5°	174.4	176.1	174.4	175.3	177.0	174.4	171.7	162.7	157.4	155.6	159.2
40°	183.3	186.0	184.2	186.9	192.2	193.1	186.9	171.7	162.7	161.8	163.6
42.5°	185.1	190.5	191.4	197.6	203.0	207.4	208.3	190.5	171.7	168.1	169.9
45°	188.7	194.9	196.7	200.3	211.0	220.0	220.0	208.3	183.3	175.3	172.6
47.5°	196.7	197.6	203.9	203.9	216.4	224.4	237.8	232.5	201.2	191.4	185.1
50°	187.8	197.6	199.4	204.8	217.3	229.8	248.6	255.7	225.3	213.7	196.7
52.5°	195.8	197.6	203.0	202.1	211.9	229.8	255.7	272.7	255.7	245.0	213.7
55°	192.2	193.1	196.7	198.5	210.1	225.3	258.4	294.2	296.9	283.4	253.9
57.5°	169.0	171.7	177.9	186.9	197.6	211.9	257.5	330.8	360.3	358.6	341.6
60°	135.9	140.4	149.3	160.9	184.2	202.1	249.5	381.8	462.3	460.5	441.7
62.5°	106.4	108.2	115.3	128.8	154.7	173.5	218.2	389.0	499.8	498.9	489.1
65°	88.5	90.3	91.2	97.5	110.9	135.0	169.9	357.7	465.0	481.1	476.6
67.5°	58.1	61.7	64.4	71.5	78.7	87.6	110.0	290.6	401.5	411.3	427.4
70°	34.9	34.9	39.3	49.2	62.6	68.0	70.6	188.7	321.9	331.7	353.2
72.5°	25.9	25.9	27.7	32.2	45.6	61.7	63.5	109.1	227.1	229.8	232.5
75°	18.8	19.7	19.7	21.5	25.9	42.9	67.1	60.8	114.5	109.1	83.2
77.5°	11.6	11.6	12.5	13.4	15.2	20.6	47.4	41.1	43.8	38.4	17.9
80°	8.0	8.0	8.0	8.0	8.9	9.8	21.5	38.4	25.0	27.7	10.7
82.5°	5.4	5.4	5.4	5.4	5.4	5.4	7.2	31.3	18.8	24.1	6.3
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	11.6	7.2	8.0	2.7
87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.8	0.9	0.9
90°	2.7	2.7	2.7	2.7	2.7	1.8	1.8	0.9	0.9	0.9	0.0
92.5°	2.7	2.7	2.7	2.7	1.8	1.8	1.8	0.9	0.9	0.9	0.0
95°	1.8	2.7	2.7	1.8	1.8	1.8	1.8	0.9	0.9	0.0	0.0
97.5°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.0
100°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.0
102.5°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.0
105°	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.0	0.0
107.5°	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.0	0.0	0.0
110°	0.9	0.9	0.9	0.9	0.9	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°	77.5°	85°
112.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
115°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
117.5°	0.9	0.9	0.9	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	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.9	0.9	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
2.5°	58.1	56.3	49.2	41.1	31.3	27.7	25.0	16.1	8.0	5.4	5.4
5°	69.7	68.0	56.3	51.9	42.9	31.3	25.9	19.7	12.5	8.0	3.6
7.5°	84.1	83.2	76.9	64.4	54.5	46.5	39.3	35.8	24.1	25.0	25.0
10°	99.3	98.4	90.3	82.3	68.9	58.1	52.8	51.9	45.6	39.3	38.4
12.5°	101.0	103.7	98.4	84.9	76.0	66.2	59.0	51.9	48.3	49.2	52.8
15°	105.5	104.6	101.0	89.4	80.5	67.1	59.9	54.5	49.2	50.1	53.6
17.5°	110.9	110.9	108.2	93.9	84.1	70.6	61.7	57.2	50.1	53.6	54.5
20°	115.3	115.3	114.5	98.4	88.5	71.5	62.6	58.1	51.0	52.8	54.5
22.5°	121.6	125.2	121.6	106.4	93.0	76.9	64.4	59.0	51.0	52.8	54.5
25°	127.9	130.5	128.8	113.6	100.1	78.7	65.3	59.9	51.0	51.0	54.5
27.5°	135.0	137.7	136.8	118.9	105.5	83.2	67.1	58.1	51.0	51.9	53.6
30°	142.2	147.5	144.0	127.0	111.8	85.8	68.9	60.8	50.1	49.2	52.8
32.5°	149.3	151.1	152.9	135.9	116.2	89.4	68.9	59.0	50.1	49.2	52.8
35°	156.5	162.7	165.4	139.5	120.7	91.2	68.0	58.1	48.3	47.4	49.2
37.5°	160.9	167.2	170.8	149.3	124.3	90.3	66.2	56.3	45.6	44.7	46.5
40°	166.3	173.5	180.6	154.7	125.2	90.3	63.5	51.9	42.0	41.1	42.9
42.5°	173.5	185.1	186.9	158.3	127.0	86.7	59.9	48.3	38.4	36.7	39.3
45°	179.7	190.5	194.0	158.3	123.4	82.3	55.4	42.9	34.0	33.1	34.0
47.5°	187.8	199.4	199.4	160.1	118.9	76.9	50.1	37.6	29.5	27.7	29.5
50°	200.3	211.9	205.7	154.7	113.6	72.4	43.8	32.2	24.1	23.2	25.0
52.5°	215.5	231.6	213.7	156.5	106.4	64.4	38.4	26.8	20.6	19.7	20.6
55°	252.2	265.6	237.8	156.5	100.1	56.3	31.3	21.5	17.0	17.0	17.9
57.5°	329.9	344.3	282.6	166.3	95.7	49.2	25.0	17.0	13.4	14.3	14.3
60°	423.8	414.9	309.4	168.1	87.6	38.4	17.9	13.4	11.6	11.6	12.5
62.5°	451.6	438.1	296.0	149.3	71.5	28.6	13.4	10.7	8.9	8.9	9.8
65°	433.7	401.5	253.0	113.6	50.1	17.9	9.8	8.0	7.2	7.2	8.0
67.5°	371.1	345.1	193.1	76.9	29.5	11.6	8.0	7.2	6.3	6.3	7.2
70°	309.4	268.2	138.6	44.7	15.2	8.9	6.3	5.4	4.5	5.4	5.4
72.5°	194.9	169.0	75.1	23.2	9.8	7.2	5.4	4.5	3.6	3.6	4.5
75°	67.1	56.3	29.5	9.8	7.2	5.4	3.6	3.6	1.8	2.7	2.7
77.5°	16.1	16.1	12.5	6.3	5.4	4.5	2.7	1.8	1.8	1.8	1.8
80°	9.8	9.8	7.2	4.5	3.6	2.7	1.8	0.9	0.9	0.9	0.9
82.5°	5.4	5.4	4.5	3.6	1.8	1.8	0.9	0.0	0.0	0.0	0.0
85°	2.7	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	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	0.0
92.5°	0.0	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	0.0
97.5°	0.0	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	0.0
102.5°	0.0	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	0.0
107.5°	0.0	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	0.0



REPORT NUMBER: P394792

CATALOG NUMBER: 303-P1-LEDB1-2700-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

	90°	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	0.0
115°	0.0	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	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

(END OF REPORT)