

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: P394794

Luminaire Tested: **303-P1-LEDB1-4000-UNV-T2-DIM10-EDGE**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394794
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-LEDB1-4000-UNV-T2-DIM10-EDGE
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 2 WITH EDGE GLOW
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 694 lumens
Efficiency: N/A
Efficacy: 84.6 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

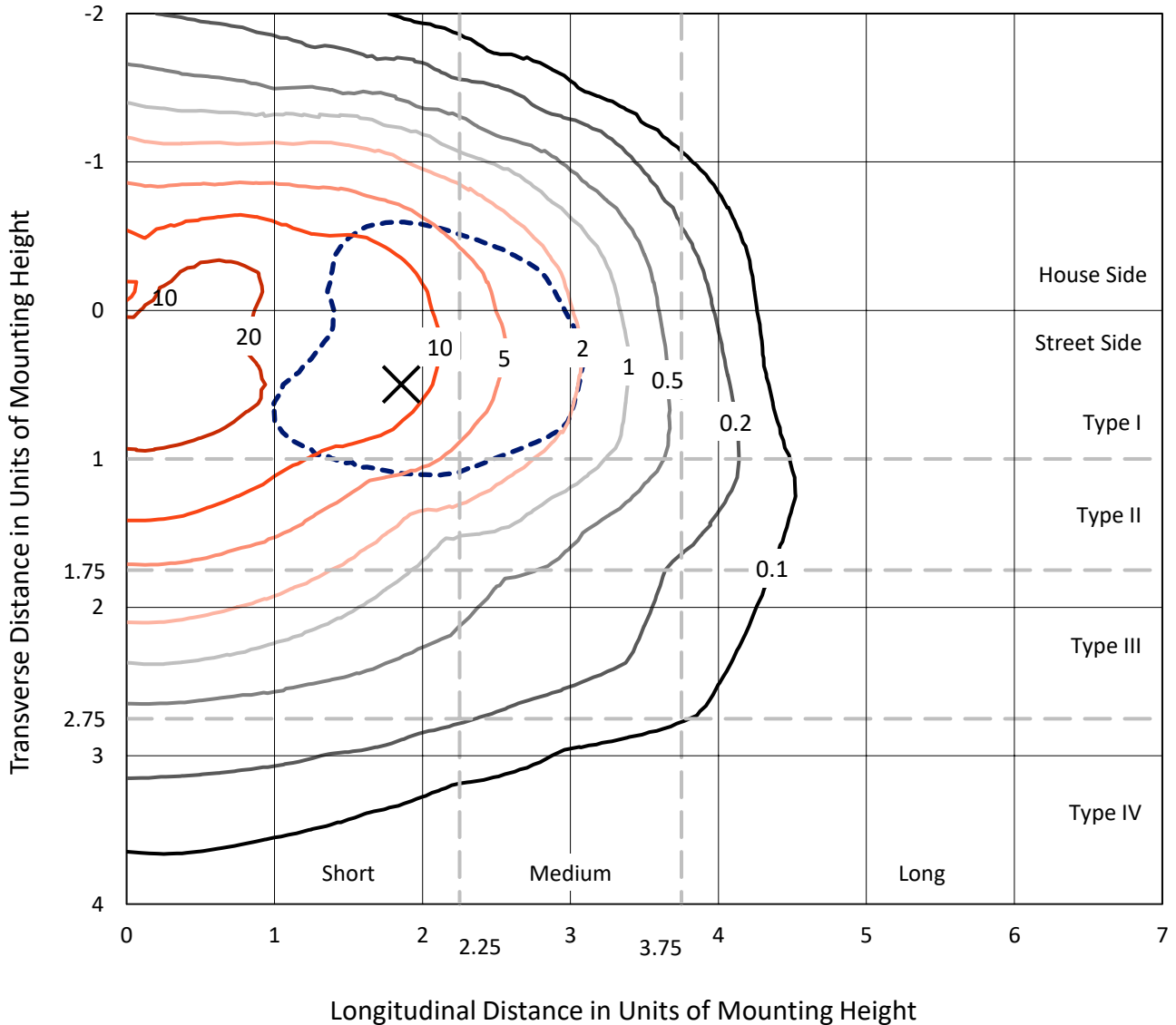


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Iso-Footcandle Lines of Horizontal Illumination

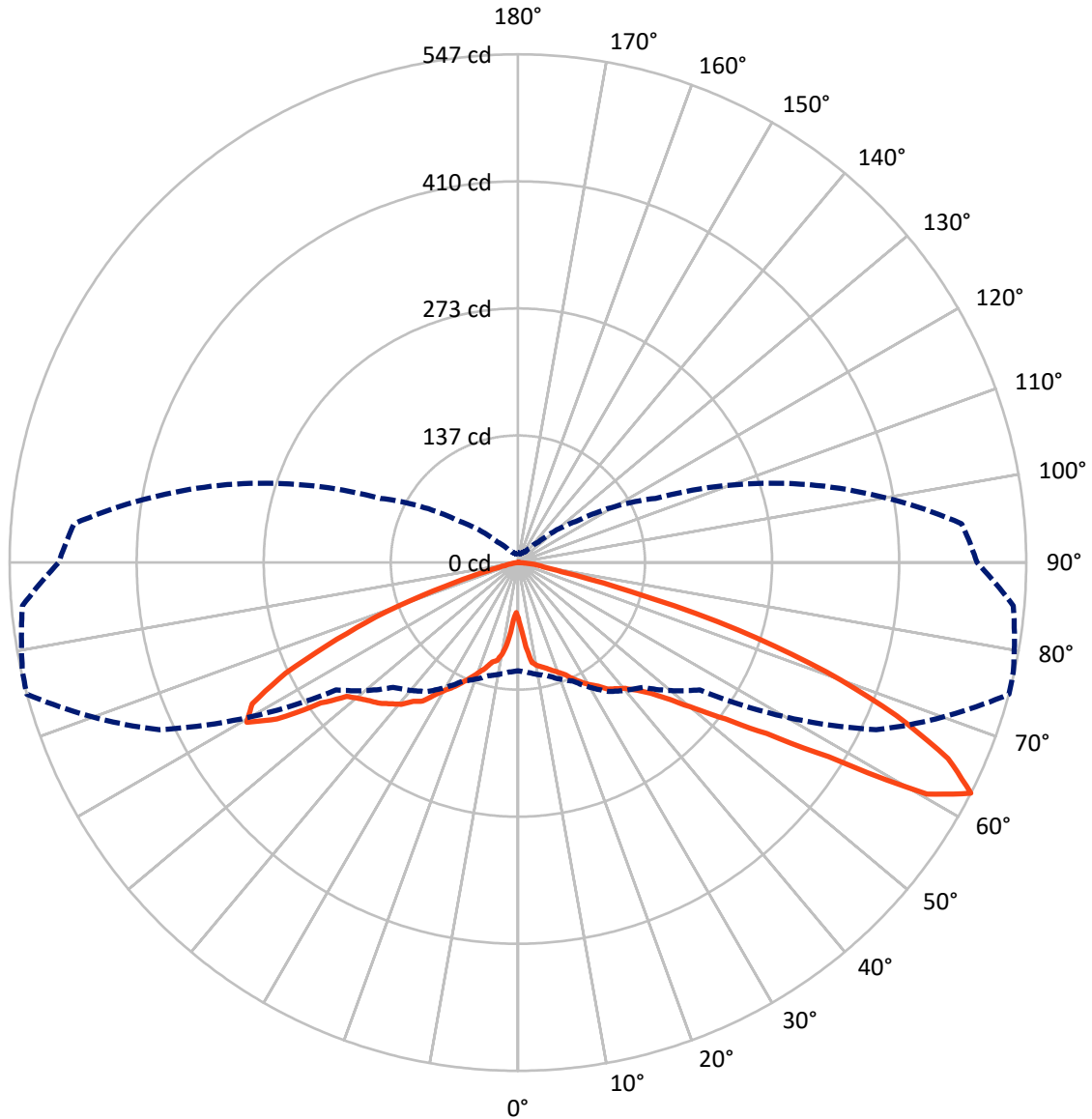
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 30 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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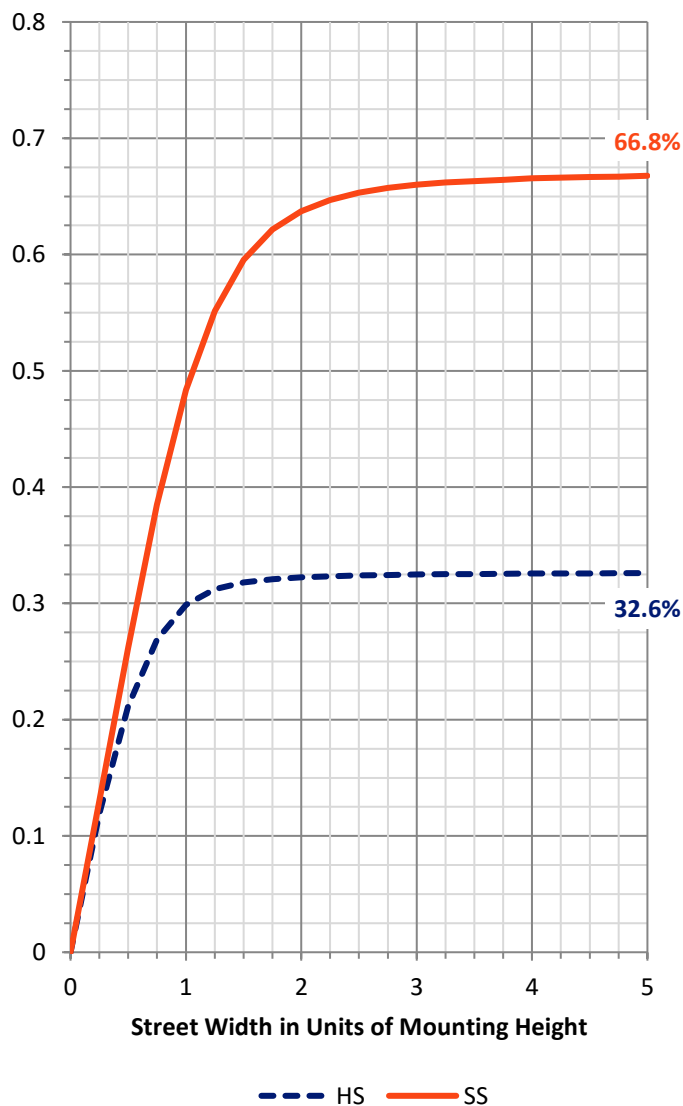
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	227.6	0.0	227.6
	% Fixture	32.8	0.0	32.8
Street Side	Lumens	464.3	2.2	466.4
	% Fixture	66.9	0.3	67.2
Total	Lumens	691.9	2.2	694.0
	% Fixture	99.7	0.3	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.5	1.1
10°-20°	29.2	4.2
20°-30°	54.1	7.8
30°-40°	88.7	12.8
40°-50°	128.0	18.4
50°-60°	168.3	24.3
60°-70°	165.1	23.8
70°-80°	46.3	6.7
80°-90°	4.6	0.7
90°-100°	0.9	0.1
100°-110°	0.6	0.1
110°-120°	0.4	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°	691.9	99.7
0°-180°	694.0	100.0

Coefficient of Utilization



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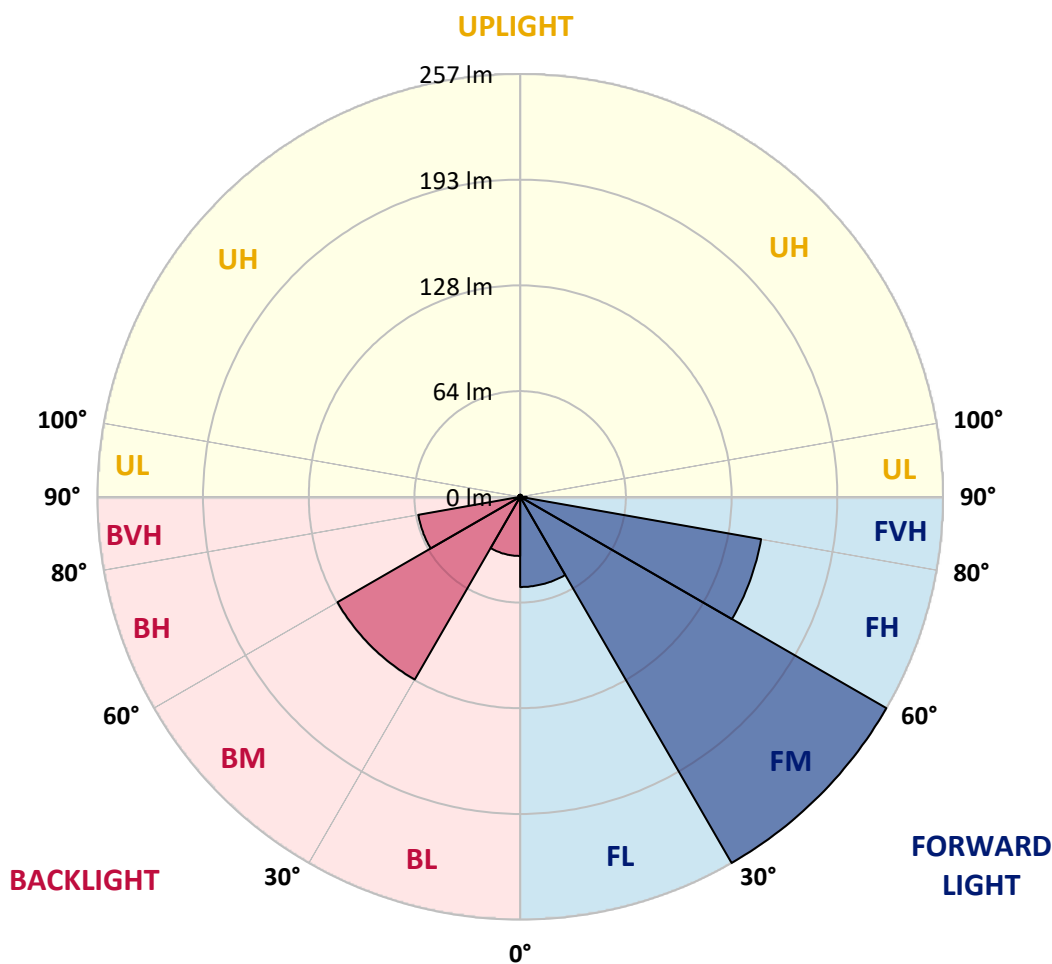
CATALOG NUMBER: 303-P1-LEDB1-4000-UNV-T2-DIM10-EDGE

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	54.8	7.9			
FM (30°-60°)	256.9	37.0			
FH (60°-80°)	148.6	21.4			G0/660
FVH (80°-90°)	3.9	0.6			G0/10
BL (0°-30°)	35.9	5.2	B0/110		
BM (30°-60°)	128.2	18.5	B0/220		
BH (60°-80°)	62.8	9.1	B0/110		G0/110
BVH (80°-90°)	0.7	0.1			G0/10
UL (90°-100°)	0.9	0.1		U1/10	
UH (100°-180°)	1.2	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°	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
2.5°	104.7	105.6	105.6	99.8	96.8	90.0	82.2	74.3	71.4	70.4	67.5
5°	110.5	110.5	107.6	107.6	108.6	107.6	106.6	98.8	91.0	86.1	83.1
7.5°	121.3	122.3	116.4	115.4	113.5	113.5	107.6	108.6	108.6	106.6	96.8
10°	127.2	129.1	123.2	121.3	120.3	120.3	116.4	114.4	112.5	109.5	110.5
12.5°	129.1	129.1	126.2	126.2	123.2	123.2	121.3	113.5	115.4	114.4	112.5
15°	133.0	133.0	129.1	129.1	126.2	121.3	123.2	119.3	118.4	117.4	117.4
17.5°	135.0	139.9	134.0	130.1	128.1	127.2	125.2	122.3	122.3	121.3	118.4
20°	136.9	138.9	137.9	134.0	130.1	129.1	127.2	126.2	126.2	126.2	127.2
22.5°	138.9	139.9	137.9	135.0	134.0	130.1	130.1	131.1	131.1	129.1	133.0
25°	138.9	139.9	137.9	136.0	134.0	136.0	134.0	137.9	138.9	138.9	140.8
27.5°	136.9	141.8	140.8	138.9	137.9	138.9	140.8	143.8	145.7	145.7	147.7
30°	147.7	151.6	149.6	145.7	144.8	146.7	144.8	147.7	152.6	152.6	152.6
32.5°	164.3	164.3	163.3	158.5	158.5	158.5	157.5	153.6	158.5	158.5	162.4
35°	173.1	180.9	177.0	176.1	176.1	174.1	169.2	167.3	167.3	164.3	167.3
37.5°	190.7	192.7	190.7	191.7	193.7	190.7	187.8	178.0	172.1	170.2	174.1
40°	200.5	203.4	201.5	204.4	210.3	211.3	204.4	187.8	178.0	177.0	179.0
42.5°	202.5	208.3	209.3	216.2	222.0	226.9	227.9	208.3	187.8	183.9	185.8
45°	206.4	213.2	215.2	219.1	230.8	240.6	240.6	227.9	200.5	191.7	188.8
47.5°	215.2	216.2	223.0	223.0	236.7	245.5	260.2	254.3	220.1	209.3	202.5
50°	205.4	216.2	218.1	224.0	237.7	251.4	271.9	279.7	246.5	233.8	215.2
52.5°	214.2	216.2	222.0	221.1	231.8	251.4	279.7	298.3	279.7	268.0	233.8
55°	210.3	211.3	215.2	217.1	229.9	246.5	282.7	321.8	324.7	310.1	277.8
57.5°	184.9	187.8	194.6	204.4	216.2	231.8	281.7	361.9	394.2	392.2	373.6
60°	148.7	153.6	163.3	176.1	201.5	221.1	272.9	417.6	505.7	503.7	483.2
62.5°	116.4	118.4	126.2	140.8	169.2	189.8	238.7	425.5	546.8	545.8	535.0
65°	96.8	98.8	99.8	106.6	121.3	147.7	185.8	391.2	508.6	526.2	521.3
67.5°	63.6	67.5	70.4	78.2	86.1	95.9	120.3	317.9	439.2	449.9	467.5
70°	38.1	38.1	43.0	53.8	68.5	74.3	77.3	206.4	352.1	362.9	386.4
72.5°	28.4	28.4	30.3	35.2	49.9	67.5	69.4	119.3	248.4	251.4	254.3
75°	20.5	21.5	21.5	23.5	28.4	46.9	73.4	66.5	125.2	119.3	91.0
77.5°	12.7	12.7	13.7	14.7	16.6	22.5	51.8	45.0	47.9	42.1	19.6
80°	8.8	8.8	8.8	8.8	9.8	10.8	23.5	42.1	27.4	30.3	11.7
82.5°	5.9	5.9	5.9	5.9	5.9	5.9	7.8	34.2	20.5	26.4	6.8
85°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	12.7	7.8	8.8	2.9
87.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	1.0	1.0
90°	2.9	2.9	2.9	2.9	2.9	2.0	2.0	1.0	1.0	1.0	0.0
92.5°	2.9	2.9	2.9	2.9	2.0	2.0	2.0	1.0	1.0	1.0	0.0
95°	2.0	2.9	2.9	2.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0
97.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.0	0.0
100°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.0	0.0
102.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.0	0.0
105°	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	0.0	0.0	0.0
107.5°	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
110°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0



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CATALOG NUMBER: 303-P1-LEDB1-4000-UNV-T2-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77.5°	85°
112.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
115°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
117.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
120°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
122.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
125°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	1.0	1.0	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
2.5°	63.6	61.6	53.8	45.0	34.2	30.3	27.4	17.6	8.8	5.9	5.9
5°	76.3	74.3	61.6	56.7	46.9	34.2	28.4	21.5	13.7	8.8	3.9
7.5°	91.9	91.0	84.1	70.4	59.7	50.9	43.0	39.1	26.4	27.4	27.4
10°	108.6	107.6	98.8	90.0	75.3	63.6	57.7	56.7	49.9	43.0	42.1
12.5°	110.5	113.5	107.6	92.9	83.1	72.4	64.6	56.7	52.8	53.8	57.7
15°	115.4	114.4	110.5	97.8	88.0	73.4	65.5	59.7	53.8	54.8	58.7
17.5°	121.3	121.3	118.4	102.7	91.9	77.3	67.5	62.6	54.8	58.7	59.7
20°	126.2	126.2	125.2	107.6	96.8	78.2	68.5	63.6	55.8	57.7	59.7
22.5°	133.0	136.9	133.0	116.4	101.7	84.1	70.4	64.6	55.8	57.7	59.7
25°	139.9	142.8	140.8	124.2	109.5	86.1	71.4	65.5	55.8	55.8	59.7
27.5°	147.7	150.6	149.6	130.1	115.4	91.0	73.4	63.6	55.8	56.7	58.7
30°	155.5	161.4	157.5	138.9	122.3	93.9	75.3	66.5	54.8	53.8	57.7
32.5°	163.3	165.3	167.3	148.7	127.2	97.8	75.3	64.6	54.8	53.8	57.7
35°	171.2	178.0	180.9	152.6	132.0	99.8	74.3	63.6	52.8	51.8	53.8
37.5°	176.1	182.9	186.8	163.3	136.0	98.8	72.4	61.6	49.9	48.9	50.9
40°	181.9	189.8	197.6	169.2	136.9	98.8	69.4	56.7	46.0	45.0	46.9
42.5°	189.8	202.5	204.4	173.1	138.9	94.9	65.5	52.8	42.1	40.1	43.0
45°	196.6	208.3	212.2	173.1	135.0	90.0	60.6	46.9	37.2	36.2	37.2
47.5°	205.4	218.1	218.1	175.1	130.1	84.1	54.8	41.1	32.3	30.3	32.3
50°	219.1	231.8	225.0	169.2	124.2	79.2	47.9	35.2	26.4	25.4	27.4
52.5°	235.7	253.3	233.8	171.2	116.4	70.4	42.1	29.3	22.5	21.5	22.5
55°	275.8	290.5	260.2	171.2	109.5	61.6	34.2	23.5	18.6	18.6	19.6
57.5°	360.9	376.6	309.1	181.9	104.7	53.8	27.4	18.6	14.7	15.6	15.6
60°	463.6	453.8	338.4	183.9	95.9	42.1	19.6	14.7	12.7	12.7	13.7
62.5°	493.9	479.3	323.8	163.3	78.2	31.3	14.7	11.7	9.8	9.8	10.8
65°	474.4	439.2	276.8	124.2	54.8	19.6	10.8	8.8	7.8	7.8	8.8
67.5°	405.9	377.5	211.3	84.1	32.3	12.7	8.8	7.8	6.8	6.8	7.8
70°	338.4	293.4	151.6	48.9	16.6	9.8	6.8	5.9	4.9	5.9	5.9
72.5°	213.2	184.9	82.2	25.4	10.8	7.8	5.9	4.9	3.9	3.9	4.9
75°	73.4	61.6	32.3	10.8	7.8	5.9	3.9	3.9	2.0	2.9	2.9
77.5°	17.6	17.6	13.7	6.8	5.9	4.9	2.9	2.0	2.0	2.0	2.0
80°	10.8	10.8	7.8	4.9	3.9	2.9	2.0	1.0	1.0	1.0	1.0
82.5°	5.9	5.9	4.9	3.9	2.0	2.0	1.0	0.0	0.0	0.0	0.0
85°	2.9	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	1.0	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	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: P394794

CATALOG NUMBER: 303-P1-LEDB1-4000-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)