

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: P394802

Luminaire Tested: **303-P1-LEDB1-4000-UNV-T4-DIM10-EDGE**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394802
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2001-660-17)
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-T4-DIM10-EDGE
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 4 WITH EDGE GLOW
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 667.1 lumens
Efficiency: N/A
Efficacy: 81.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.38' x L: 0.21' x H: 0.01')
IES Classification: Type III - Short
BUG Rating: B0 - U1 - G0

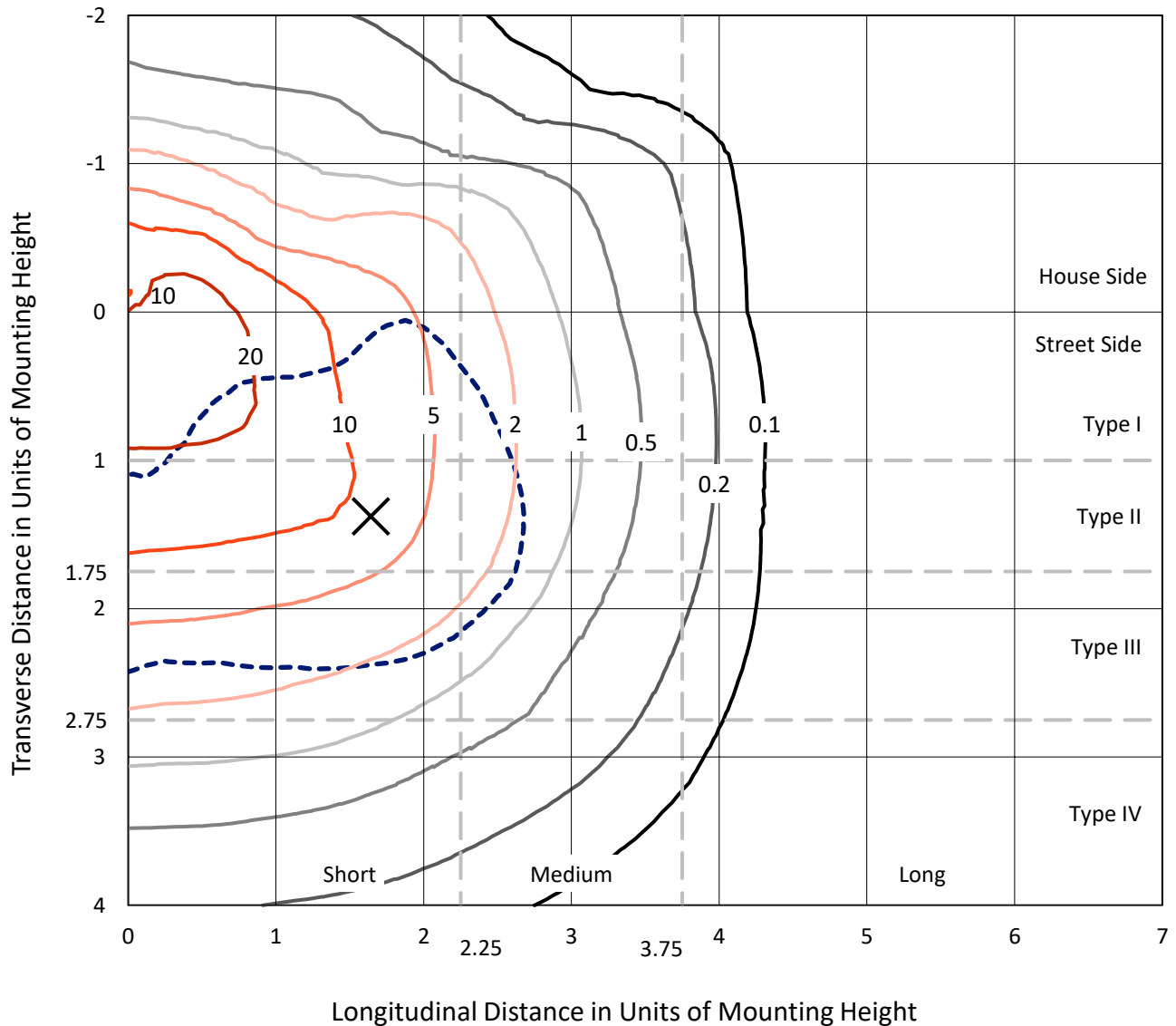
Input Watts (W): 8.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

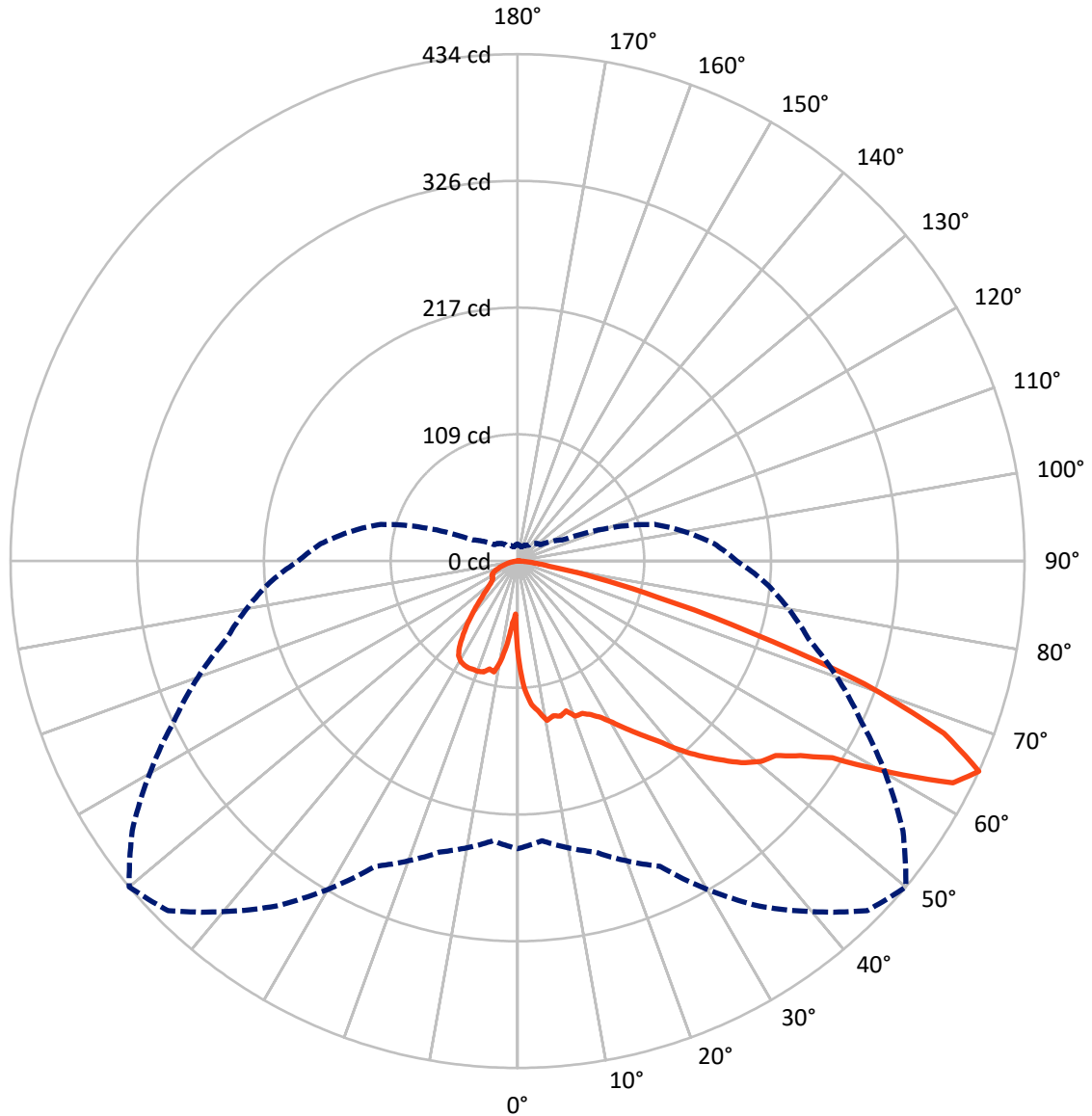
✕ Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 32.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 50-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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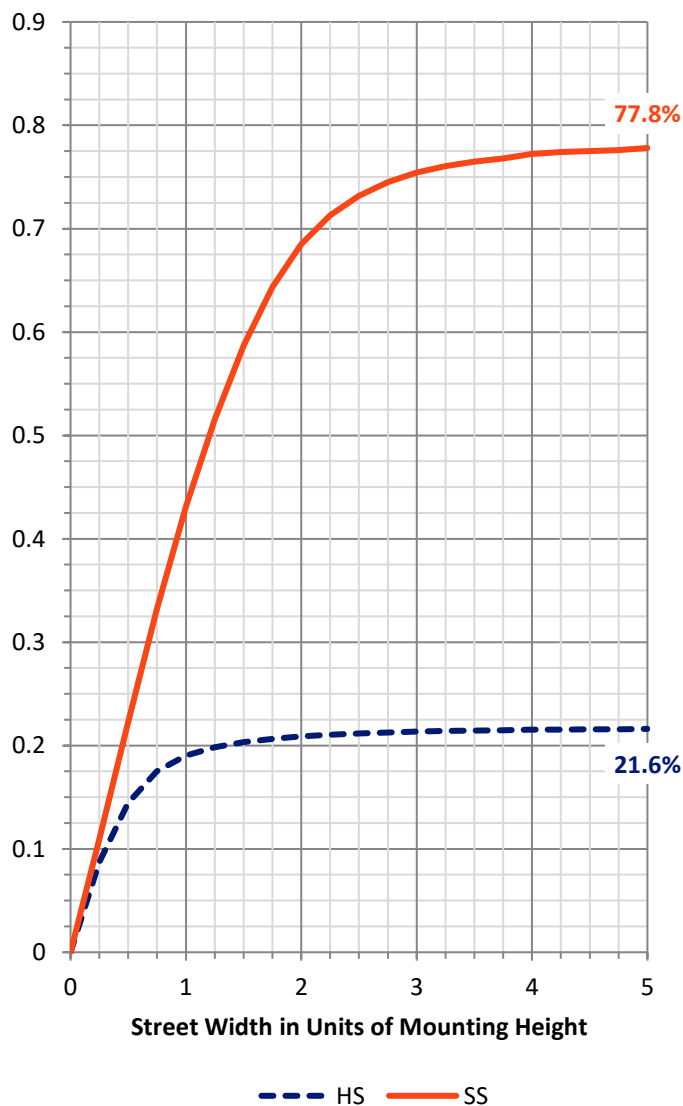
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	145.2	0.0	145.2
	% Fixture	21.8	0.0	21.8
Street Side	Lumens	520.6	1.3	521.9
	% Fixture	78.0	0.2	78.2
Total	Lumens	665.7	1.3	667.1
	% Fixture	99.8	0.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.0	1.4
10°-20°	33.0	4.9
20°-30°	56.1	8.4
30°-40°	83.0	12.4
40°-50°	106.6	16.0
50°-60°	138.4	20.8
60°-70°	167.3	25.1
70°-80°	66.7	10.0
80°-90°	5.6	0.8
90°-100°	0.6	0.1
100°-110°	0.4	0.1
110°-120°	0.2	0.0
120°-130°	0.1	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°	665.7	99.8
0°-180°	667.1	100.0

Coefficient of Utilization



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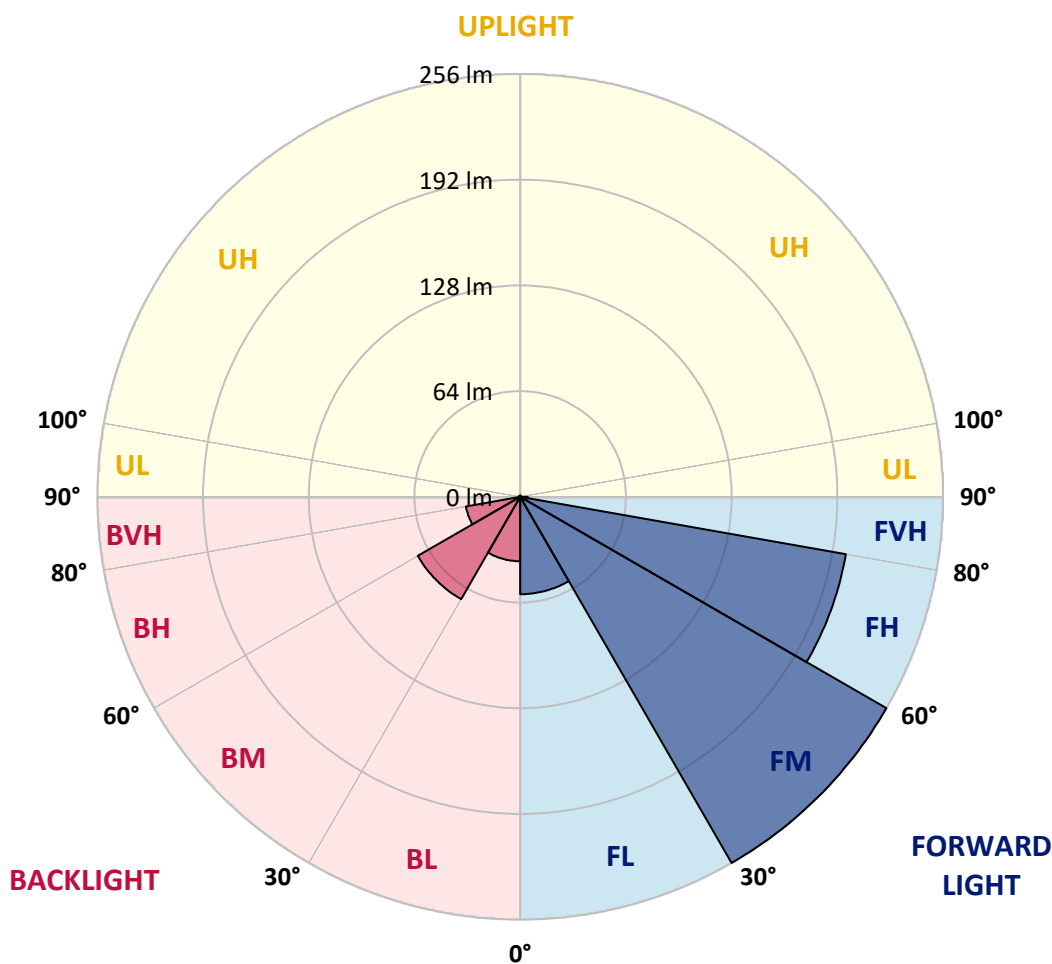
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	59.0	8.9			
FM (30°-60°)	256.4	38.4			
FH (60°-80°)	200.6	30.1			G0/660
FVH (80°-90°)	4.6	0.7			G0/10
BL (0°-30°)	39.1	5.9	B0/110		
BM (30°-60°)	71.7	10.7	B0/220		
BH (60°-80°)	33.4	5.0	B0/110		G0/110
BVH (80°-90°)	1.0	0.2			G0/10
UL (90°-100°)	0.6	0.1		U1/10	
UH (100°-180°)	0.7	0.1		U1/10	

BUG Rating: B0-U1-G0

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	50°	55°	65°	75°	85°
0°	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
2.5°	122.3	119.3	123.2	122.3	121.3	111.5	108.6	105.6	93.9	91.0	83.1
5°	122.3	124.2	124.2	121.3	123.2	123.2	123.2	126.2	126.2	110.5	100.7
7.5°	136.0	137.9	133.0	132.0	129.1	128.1	130.1	125.2	128.1	126.2	115.4
10°	136.9	136.9	135.0	132.0	132.0	136.9	138.9	136.0	133.0	126.2	128.1
12.5°	136.0	137.9	136.9	132.0	132.0	137.9	136.0	136.9	130.1	127.2	128.1
15°	139.9	138.9	140.8	137.9	136.0	136.9	137.9	136.0	133.0	128.1	129.1
17.5°	143.8	143.8	140.8	137.9	137.9	137.9	135.0	135.0	132.0	128.1	129.1
20°	144.8	146.7	145.7	140.8	139.9	139.9	141.8	137.9	133.0	127.2	129.1
22.5°	150.6	152.6	148.7	147.7	143.8	144.8	141.8	139.9	134.0	128.1	128.1
25°	155.5	156.5	154.5	153.6	148.7	148.7	145.7	146.7	139.9	130.1	129.1
27.5°	160.4	162.4	159.4	156.5	155.5	156.5	151.6	154.5	144.8	137.9	135.0
30°	165.3	168.2	166.3	165.3	163.3	161.4	160.4	162.4	154.5	146.7	144.8
32.5°	172.1	175.1	173.1	174.1	173.1	172.1	171.2	169.2	166.3	156.5	153.6
35°	181.9	182.9	183.9	182.9	183.9	183.9	182.9	182.9	177.0	167.3	158.5
37.5°	187.8	189.8	193.7	198.6	200.5	200.5	195.6	194.6	185.8	176.1	164.3
40°	195.6	193.7	200.5	205.4	214.2	218.1	212.2	207.4	194.6	180.0	172.1
42.5°	199.5	199.5	207.4	211.3	226.9	231.8	227.9	225.0	204.4	183.9	171.2
45°	204.4	206.4	213.2	223.0	238.7	247.5	242.6	234.7	212.2	188.8	173.1
47.5°	215.2	214.2	221.1	233.8	248.4	263.1	258.2	253.3	219.1	192.7	180.0
50°	226.9	220.1	227.9	237.7	261.2	269.0	270.0	255.3	224.0	197.6	182.9
52.5°	238.7	233.8	239.6	255.3	273.9	282.7	276.8	270.9	237.7	205.4	191.7
55°	252.4	249.4	254.3	270.9	286.6	302.2	294.4	287.6	246.5	215.2	192.7
57.5°	275.8	270.0	273.9	289.5	307.1	325.7	317.9	303.2	260.2	226.9	205.4
60°	283.6	283.6	294.4	312.0	340.4	365.8	367.8	338.4	292.5	252.4	225.0
62.5°	274.8	276.8	288.5	320.8	370.7	424.5	418.6	399.1	328.6	270.0	235.7
65°	246.5	240.6	258.2	288.5	360.9	423.5	434.3	403.0	324.7	258.2	213.2
67.5°	219.1	210.3	220.1	247.5	303.2	382.4	394.2	372.7	291.5	231.8	180.9
70°	177.0	171.2	184.9	202.5	237.7	299.3	314.9	303.2	242.6	187.8	148.7
72.5°	119.3	119.3	134.0	159.4	181.9	203.4	208.3	216.2	188.8	148.7	110.5
75°	77.3	78.2	82.2	95.9	108.6	133.0	123.2	120.3	112.5	91.0	69.4
77.5°	35.2	36.2	42.1	50.9	57.7	67.5	69.4	64.6	48.9	34.2	22.5
80°	22.5	22.5	25.4	28.4	32.3	29.3	27.4	24.5	23.5	16.6	11.7
82.5°	15.6	13.7	15.6	16.6	17.6	16.6	16.6	13.7	9.8	9.8	5.9
85°	4.9	4.9	4.9	4.9	5.9	7.8	6.8	6.8	4.9	3.9	2.9
87.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.0	2.0	1.0
90°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0
92.5°	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0
95°	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0
97.5°	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
100°	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
102.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
105°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
107.5°	1.0	1.0	1.0	1.0	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-T4-DIM10-EDGE

CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	50°	55°	65°	75°	85°
112.5°	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
115°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	1.0	1.0	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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
2.5°	79.2	76.3	73.4	67.5	47.9	43.0	40.1	35.2	12.7	7.8	7.8
5°	93.9	91.0	86.1	76.3	64.6	41.1	38.1	31.3	15.6	2.9	2.0
7.5°	112.5	109.5	107.6	89.0	76.3	64.6	52.8	46.9	27.4	38.1	41.1
10°	127.2	128.1	126.2	114.4	92.9	80.2	78.2	67.5	68.5	56.7	48.9
12.5°	130.1	131.1	129.1	115.4	102.7	91.9	83.1	77.3	74.3	70.4	78.2
15°	129.1	129.1	132.0	115.4	103.7	87.1	84.1	78.2	76.3	78.2	79.2
17.5°	132.0	130.1	130.1	114.4	103.7	94.9	83.1	79.2	75.3	78.2	80.2
20°	128.1	128.1	126.2	113.5	104.7	95.9	83.1	77.3	73.4	76.3	77.3
22.5°	126.2	126.2	123.2	111.5	105.6	94.9	81.2	75.3	72.4	77.3	76.3
25°	129.1	127.2	125.2	111.5	106.6	94.9	79.2	73.4	67.5	72.4	69.4
27.5°	132.0	129.1	130.1	115.4	107.6	92.9	77.3	70.4	63.6	67.5	66.5
30°	138.9	136.9	130.1	115.4	105.6	91.9	74.3	68.5	60.6	63.6	64.6
32.5°	145.7	136.0	132.0	110.5	101.7	89.0	70.4	63.6	54.8	60.6	61.6
35°	151.6	141.8	130.1	106.6	92.9	81.2	63.6	57.7	50.9	54.8	54.8
37.5°	155.5	145.7	129.1	97.8	82.2	69.4	54.8	49.9	46.0	49.9	48.9
40°	157.5	144.8	121.3	88.0	70.4	58.7	46.9	43.0	40.1	43.0	43.0
42.5°	158.5	145.7	113.5	75.3	58.7	47.9	39.1	36.2	35.2	36.2	37.2
45°	159.4	141.8	106.6	64.6	47.9	39.1	33.3	31.3	30.3	32.3	32.3
47.5°	161.4	143.8	103.7	55.8	39.1	32.3	27.4	26.4	24.5	25.4	25.4
50°	166.3	147.7	101.7	48.9	33.3	28.4	23.5	21.5	20.5	20.5	20.5
52.5°	172.1	152.6	100.7	46.0	30.3	25.4	21.5	18.6	17.6	17.6	17.6
55°	178.0	158.5	101.7	44.0	28.4	23.5	19.6	17.6	14.7	15.6	15.6
57.5°	183.9	163.3	103.7	43.0	27.4	23.5	19.6	16.6	14.7	14.7	15.6
60°	200.5	178.0	113.5	45.0	26.4	23.5	18.6	14.7	13.7	13.7	14.7
62.5°	209.3	182.9	122.3	46.9	26.4	23.5	17.6	14.7	12.7	13.7	14.7
65°	187.8	169.2	121.3	43.0	24.5	21.5	16.6	14.7	12.7	13.7	14.7
67.5°	158.5	141.8	106.6	37.2	21.5	18.6	15.6	13.7	11.7	12.7	13.7
70°	130.1	113.5	89.0	29.3	18.6	15.6	14.7	12.7	10.8	10.8	12.7
72.5°	95.9	87.1	71.4	22.5	14.7	13.7	12.7	10.8	9.8	7.8	10.8
75°	55.8	53.8	49.9	16.6	11.7	10.8	10.8	8.8	6.8	5.9	7.8
77.5°	17.6	18.6	22.5	10.8	8.8	7.8	6.8	5.9	4.9	3.9	5.9
80°	8.8	9.8	9.8	6.8	5.9	5.9	4.9	3.9	2.9	2.9	2.9
82.5°	4.9	4.9	4.9	3.9	2.9	2.9	2.9	2.0	2.0	1.0	2.0
85°	2.9	2.9	2.0	2.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0
87.5°	1.0	1.0	1.0	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: P394802

CATALOG NUMBER: 303-P1-LEDB1-4000-UNV-T4-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)