

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: P394810

Luminaire Tested: **303-P1-LEDB1-4000-UNV-T5X-DIM10-EDGE**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394810
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-LEDB1-4000-UNV-T5X-DIM10-EDGE
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 5 WITH EDGE GLOW
Light Source: 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 652.3 lumens
Efficiency: N/A
Efficacy: 79.5 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

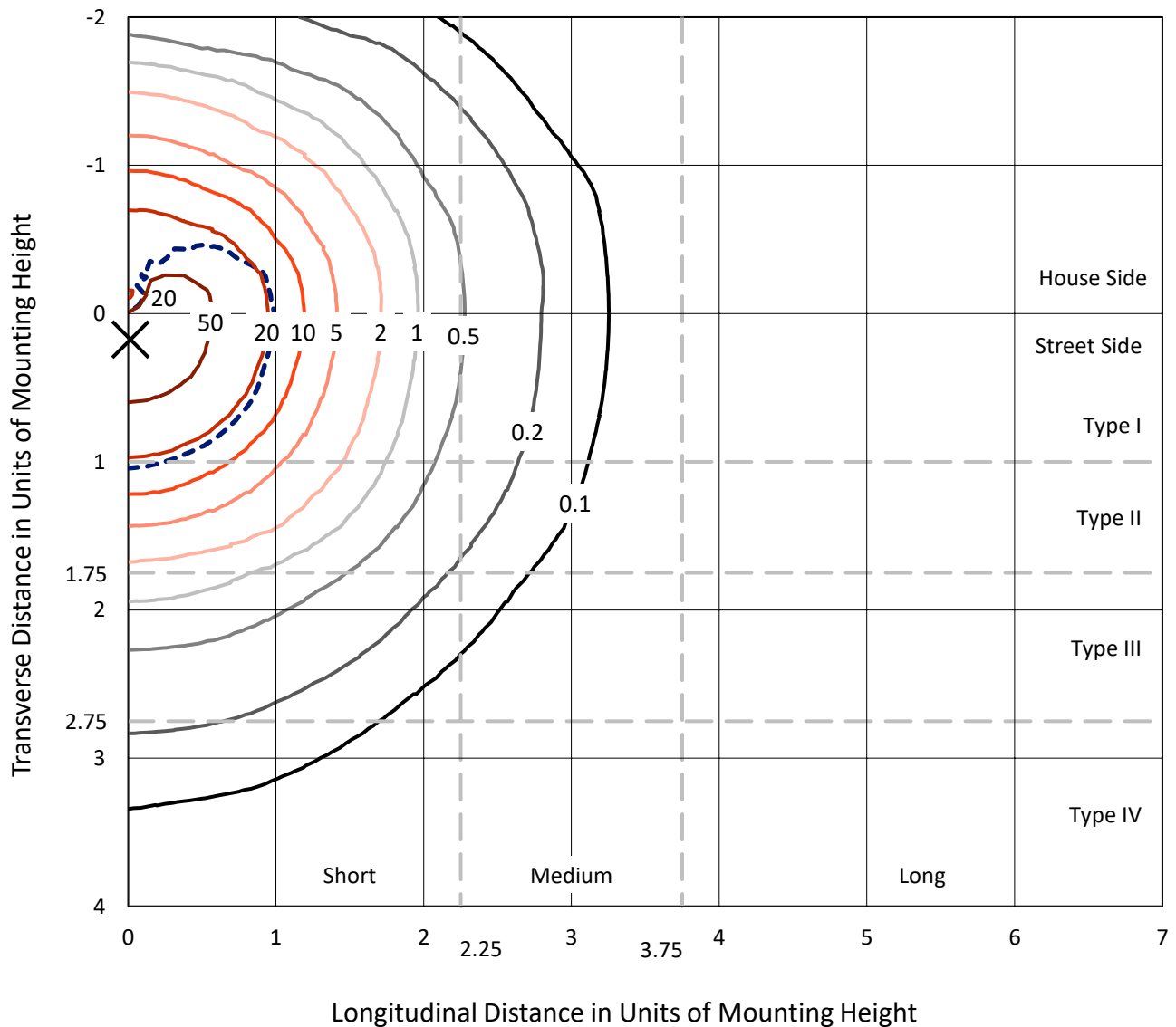


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Iso-Footcandle Lines of Horizontal Illumination

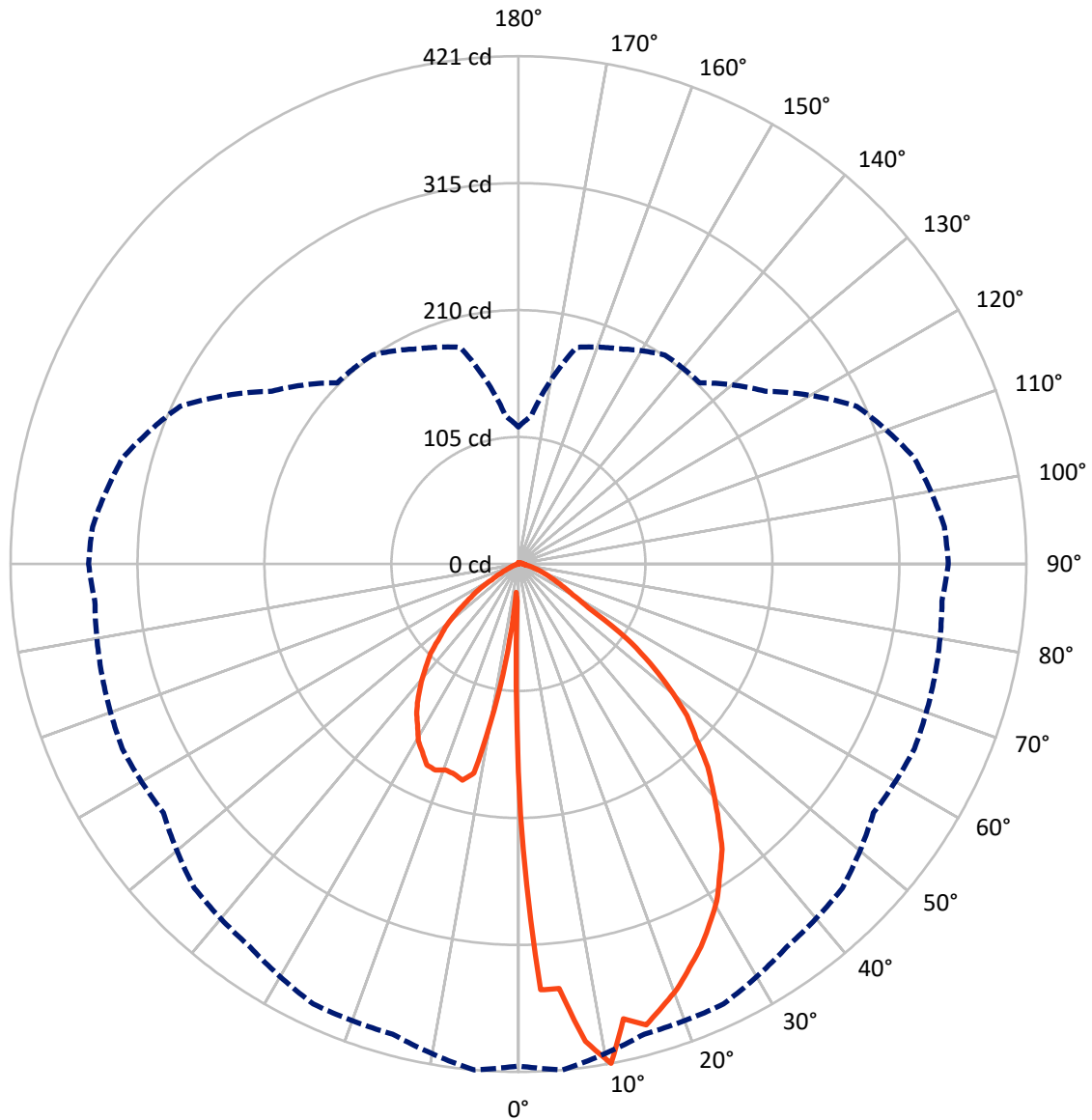
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 93.8 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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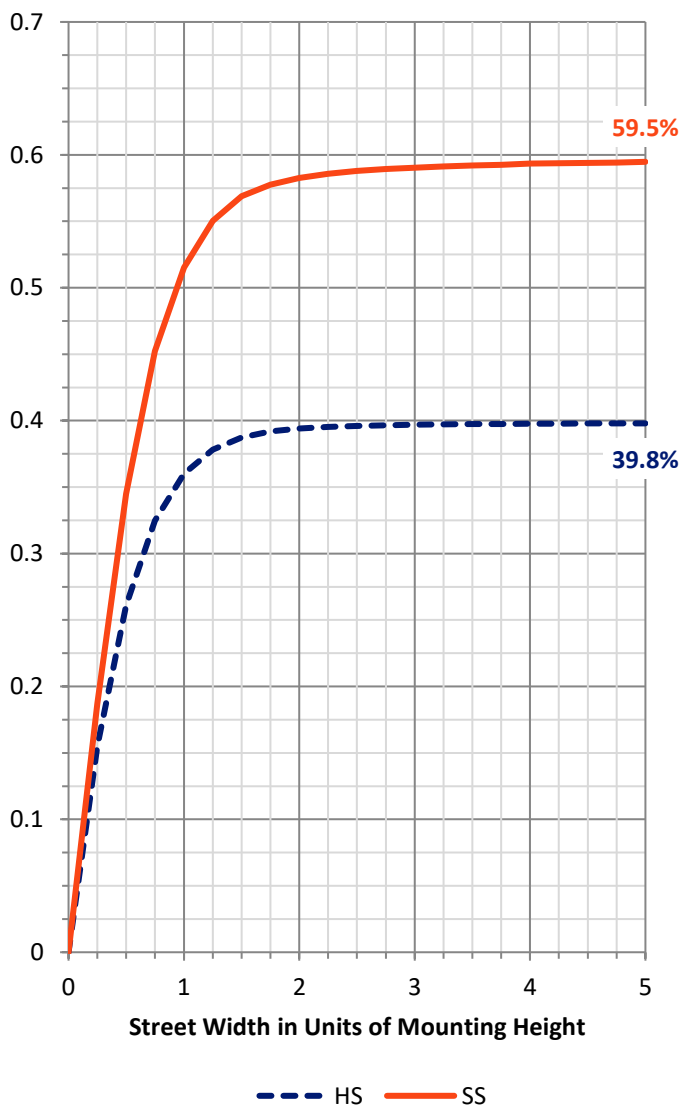
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	261.3	0.1	261.4
	% Fixture	40.1	0.0	40.1
Street Side	Lumens	387.9	3.0	390.9
	% Fixture	59.5	0.5	59.9
Total	Lumens	649.1	3.1	652.3
	% Fixture	99.5	0.5	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.2	3.9
10°-20°	88.9	13.6
20°-30°	133.0	20.4
30°-40°	149.1	22.9
40°-50°	129.9	19.9
50°-60°	79.7	12.2
60°-70°	30.6	4.7
70°-80°	10.5	1.6
80°-90°	2.3	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°	649.1	99.5
0°-180°	652.3	100.0

Coefficient of Utilization



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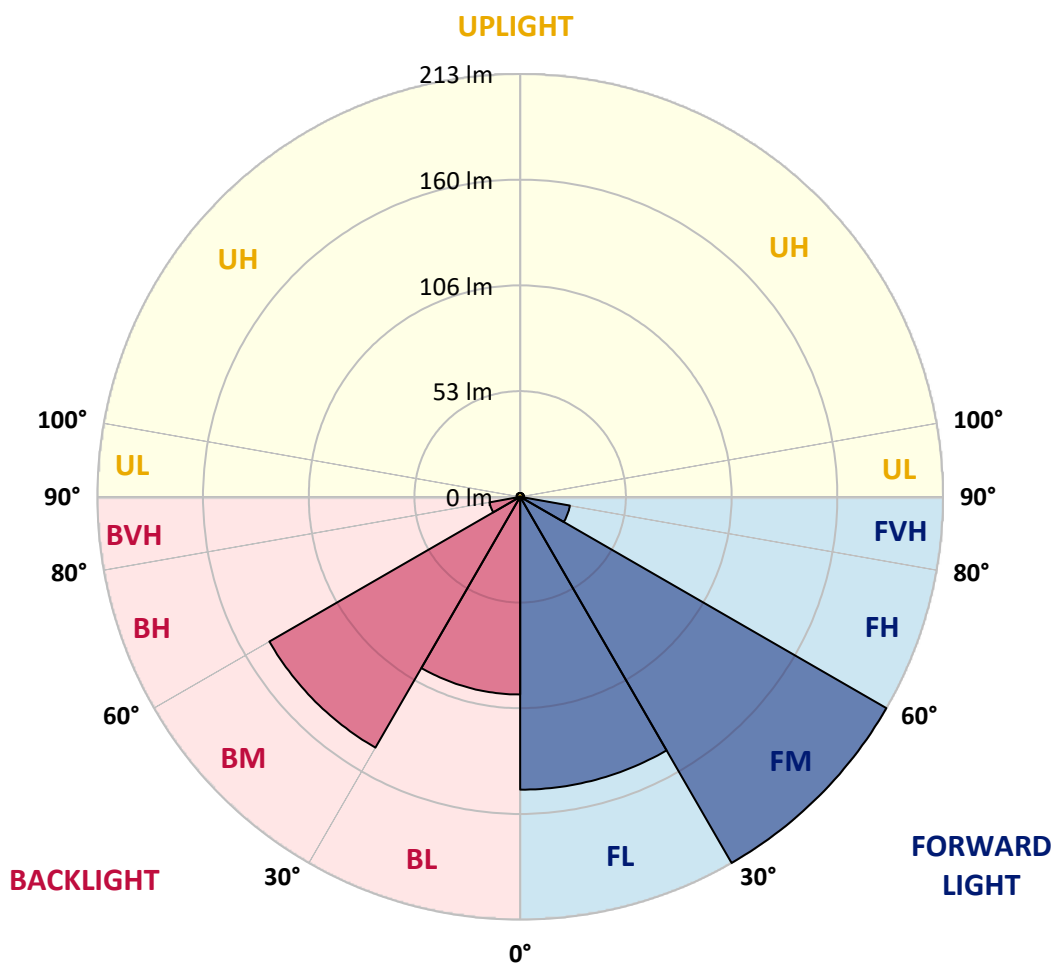
CATALOG NUMBER: 303-P1-LEDB1-4000-UNV-T5X-DIM10-EDGE

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	147.5	22.6			
FM (30°-60°)	212.9	32.6			
FH (60°-80°)	25.4	3.9			G0/660
FVH (80°-90°)	2.1	0.3			G0/10
BL (0°-30°)	99.5	15.3	B0/110		
BM (30°-60°)	145.8	22.4	B0/220		
BH (60°-80°)	15.6	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°)	1.9	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°	207.4	207.4	207.4	207.4	207.4	207.4	207.4	207.4	207.4	207.4	207.4
2.5°	356.0	353.1	354.1	358.0	340.4	321.8	285.6	259.2	241.6	229.9	227.9
5°	355.1	353.1	357.0	355.1	350.2	355.1	340.4	352.1	305.2	276.8	280.7
7.5°	389.3	399.1	396.1	375.6	361.9	360.9	353.1	358.0	350.2	329.6	317.9
10°	415.7	420.6	403.0	402.0	387.3	379.5	359.0	361.9	357.0	352.1	356.0
12.5°	389.3	386.4	385.4	385.4	381.5	393.2	380.5	361.9	358.0	355.1	355.1
15°	398.1	396.1	386.4	387.3	373.6	380.5	375.6	365.8	353.1	351.1	349.2
17.5°	381.5	385.4	379.5	382.4	369.7	377.5	370.7	359.9	345.3	340.4	347.2
20°	372.7	375.6	370.7	372.7	365.8	366.8	361.9	354.1	341.4	338.4	337.4
22.5°	361.9	362.9	359.0	361.9	356.0	358.0	353.1	346.2	333.5	330.6	333.5
25°	349.2	351.1	346.2	350.2	343.3	341.4	337.4	334.5	328.6	318.9	319.8
27.5°	334.5	337.4	335.5	337.4	334.5	334.5	330.6	321.8	314.0	309.1	313.0
30°	321.8	323.8	320.8	319.8	319.8	322.8	316.9	308.1	301.3	298.3	302.2
32.5°	307.1	306.1	306.1	307.1	307.1	298.3	302.2	297.3	284.6	283.6	291.5
35°	287.6	290.5	282.7	288.5	287.6	289.5	285.6	280.7	272.9	269.0	272.9
37.5°	269.0	269.0	271.9	265.1	267.0	270.0	267.0	260.2	255.3	252.4	252.4
40°	250.4	248.4	248.4	242.6	252.4	247.5	243.5	240.6	237.7	235.7	233.8
42.5°	228.9	229.9	228.9	222.0	225.9	223.0	223.0	216.2	216.2	214.2	215.2
45°	207.4	206.4	205.4	205.4	203.4	203.4	202.5	197.6	193.7	191.7	194.6
47.5°	186.8	187.8	180.9	180.0	181.9	180.9	180.9	171.2	169.2	172.1	171.2
50°	161.4	162.4	159.4	156.5	159.4	156.5	158.5	150.6	147.7	146.7	149.6
52.5°	136.9	136.9	139.9	134.0	134.0	131.1	136.9	127.2	125.2	124.2	125.2
55°	108.6	108.6	109.5	109.5	113.5	109.5	111.5	104.7	101.7	99.8	97.8
57.5°	71.4	68.5	75.3	88.0	91.0	89.0	88.0	83.1	79.2	78.2	78.2
60°	51.8	51.8	51.8	55.8	69.4	66.5	68.5	64.6	60.6	59.7	58.7
62.5°	42.1	42.1	42.1	41.1	46.9	52.8	52.8	48.9	45.0	43.0	44.0
65°	33.3	33.3	34.2	33.3	34.2	39.1	38.1	36.2	35.2	34.2	34.2
67.5°	27.4	27.4	27.4	27.4	26.4	27.4	29.3	28.4	28.4	27.4	27.4
70°	22.5	22.5	22.5	21.5	21.5	20.5	21.5	22.5	22.5	21.5	21.5
72.5°	18.6	17.6	17.6	16.6	15.6	15.6	15.6	17.6	16.6	16.6	16.6
75°	13.7	13.7	13.7	12.7	11.7	11.7	10.8	11.7	12.7	11.7	11.7
77.5°	10.8	10.8	10.8	9.8	9.8	8.8	7.8	7.8	7.8	7.8	7.8
80°	8.8	7.8	7.8	7.8	6.8	6.8	5.9	4.9	4.9	4.9	3.9
82.5°	5.9	5.9	5.9	5.9	4.9	4.9	3.9	2.9	2.9	2.0	2.0
85°	5.9	4.9	4.9	4.9	4.9	3.9	2.9	2.0	1.0	1.0	1.0
87.5°	4.9	4.9	4.9	3.9	3.9	2.9	2.9	2.0	1.0	0.0	0.0
90°	3.9	3.9	3.9	3.9	3.9	2.9	2.0	1.0	1.0	0.0	0.0
92.5°	3.9	3.9	3.9	3.9	2.9	2.9	2.0	1.0	1.0	0.0	0.0
95°	3.9	3.9	3.9	3.9	2.9	2.9	2.0	1.0	1.0	0.0	0.0
97.5°	2.9	2.9	2.9	2.9	2.9	2.0	2.0	1.0	1.0	0.0	0.0
100°	2.9	2.9	2.9	2.9	2.9	2.0	2.0	1.0	1.0	0.0	0.0
102.5°	2.9	2.9	2.9	2.9	2.0	2.0	2.0	1.0	0.0	0.0	0.0
105°	2.9	2.9	2.9	2.0	2.0	2.0	2.0	1.0	0.0	0.0	0.0
107.5°	2.0	2.0	2.0	2.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0
110°	2.0	2.0	2.0	2.0	2.0	1.0	1.0	1.0	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°	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
115°	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0
117.5°	2.0	2.0	2.0	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	1.0	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	1.0	1.0	0.0	0.0	0.0	0.0
127.5°	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
130°	1.0	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
132.5°	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	1.0	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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
167.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
170°	0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	1.0	1.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0
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):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	207.4	207.4	207.4	207.4	207.4	207.4	207.4	207.4	207.4	207.4
2.5°	226.9	214.2	163.3	132.0	97.8	83.1	52.8	48.9	30.3	8.8
5°	264.1	230.8	203.4	155.5	116.4	98.8	70.4	32.3	23.5	4.9
7.5°	309.1	306.1	253.3	225.0	175.1	152.6	122.3	93.9	72.4	55.8
10°	354.1	339.4	309.1	249.4	212.2	211.3	196.6	185.8	123.2	113.5
12.5°	351.1	354.1	309.1	282.7	255.3	223.0	204.4	188.8	177.0	171.2
15°	349.2	351.1	305.2	281.7	250.4	215.2	201.5	187.8	184.9	191.7
17.5°	343.3	345.3	299.3	283.6	246.5	212.2	196.6	188.8	181.9	187.8
20°	335.5	344.3	295.4	278.8	242.6	203.4	194.6	188.8	180.9	184.9
22.5°	330.6	333.5	285.6	270.9	235.7	202.5	190.7	181.9	183.9	180.9
25°	319.8	320.8	278.8	264.1	229.9	193.7	185.8	176.1	182.9	176.1
27.5°	308.1	315.9	267.0	250.4	222.0	186.8	178.0	170.2	175.1	169.2
30°	295.4	295.4	257.2	239.6	210.3	175.1	170.2	163.3	168.2	159.4
32.5°	282.7	281.7	243.5	226.9	198.6	164.3	160.4	154.5	157.5	153.6
35°	269.0	267.0	230.8	214.2	186.8	158.5	152.6	144.8	148.7	144.8
37.5°	249.4	252.4	216.2	198.6	174.1	145.7	141.8	137.9	137.9	132.0
40°	233.8	228.9	197.6	181.9	160.4	135.0	132.0	124.2	126.2	122.3
42.5°	210.3	213.2	181.9	164.3	144.8	122.3	119.3	113.5	114.4	112.5
45°	190.7	185.8	159.4	147.7	133.0	108.6	105.6	99.8	103.7	100.7
47.5°	169.2	165.3	141.8	130.1	116.4	95.9	93.9	89.0	89.0	89.0
50°	146.7	145.7	123.2	111.5	99.8	81.2	79.2	75.3	78.2	76.3
52.5°	123.2	121.3	104.7	96.8	83.1	68.5	64.6	62.6	63.6	63.6
55°	98.8	97.8	84.1	79.2	68.5	54.8	51.8	49.9	49.9	51.8
57.5°	78.2	75.3	66.5	61.6	52.8	43.0	42.1	39.1	40.1	41.1
60°	60.6	59.7	51.8	46.0	41.1	33.3	30.3	26.4	25.4	26.4
62.5°	44.0	45.0	40.1	36.2	32.3	24.5	20.5	13.7	16.6	17.6
65°	34.2	34.2	29.3	28.4	24.5	17.6	13.7	9.8	12.7	13.7
67.5°	27.4	27.4	23.5	20.5	17.6	11.7	10.8	6.8	7.8	9.8
70°	22.5	21.5	18.6	15.6	12.7	8.8	7.8	4.9	5.9	6.8
72.5°	16.6	16.6	12.7	10.8	8.8	6.8	5.9	2.9	3.9	3.9
75°	11.7	12.7	8.8	6.8	5.9	4.9	3.9	2.0	2.0	2.9
77.5°	7.8	7.8	4.9	4.9	3.9	2.9	2.0	1.0	1.0	1.0
80°	4.9	3.9	2.9	2.9	2.0	1.0	1.0	0.0	0.0	1.0
82.5°	2.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	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-LEDB1-4000-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°	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
167.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
170°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
172.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
175°	0.0	0.0	0.0	0.0	0.0	1.0	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
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)