

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: P394800

Luminaire Tested: **303-P1-LEDB1-2700-UNV-T4-DIM10-EDGE**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394800
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-LEDB1-2700-UNV-T4-DIM10-EDGE
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 4 WITH EDGE GLOW
Light Source: 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 609.8 lumens
Efficiency: N/A
Efficacy: 74.4 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

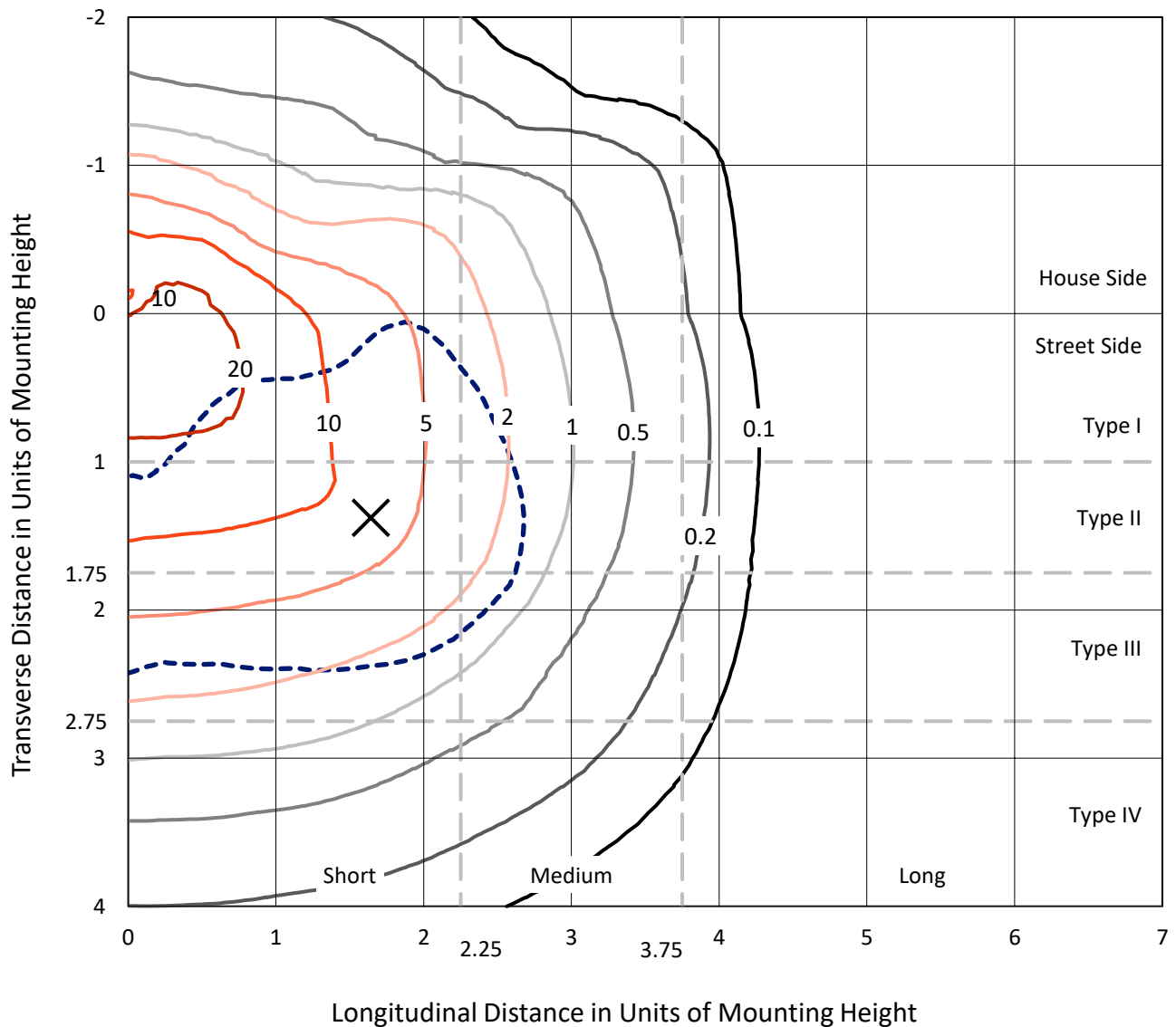
Input Watts (W): 8.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

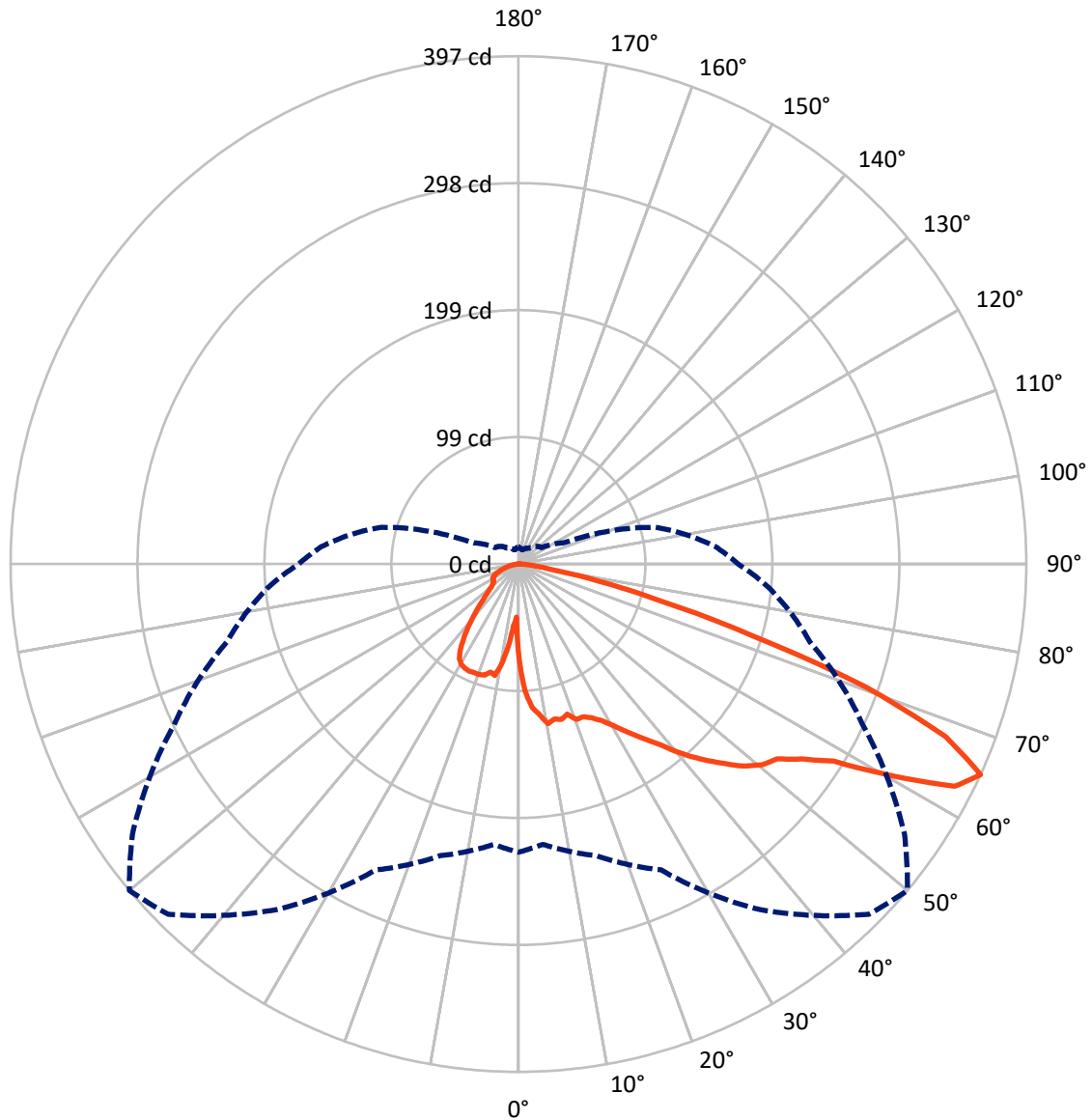
✕ Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 29.9 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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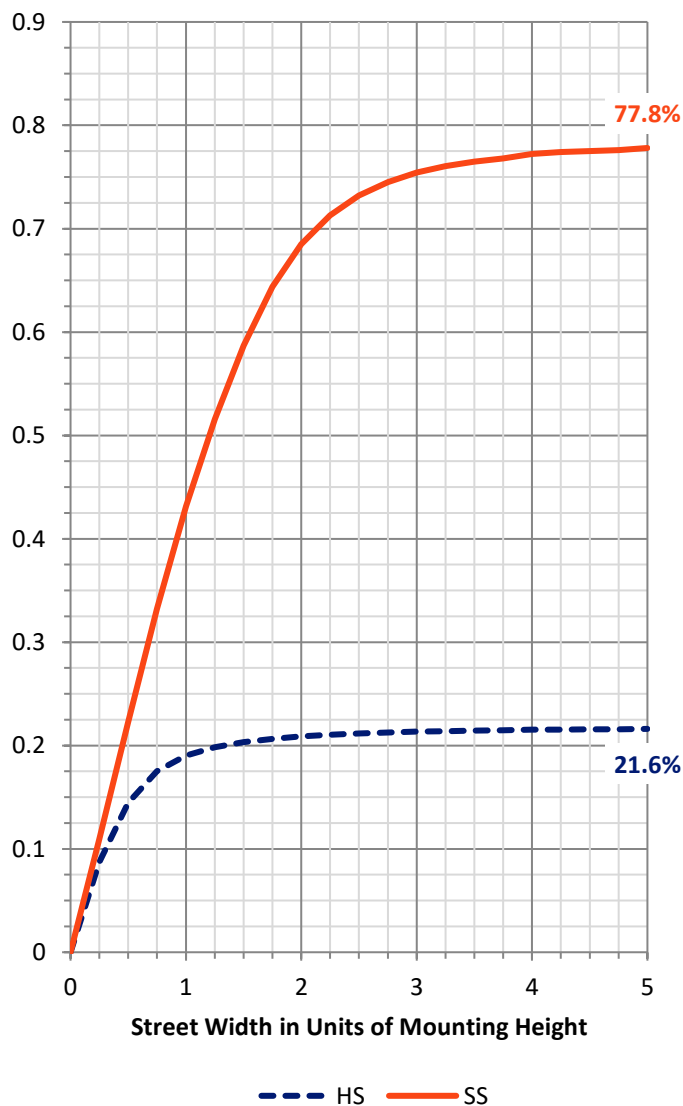
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	132.7	0.0	132.7
	% Fixture	21.8	0.0	21.8
Street Side	Lumens	475.9	1.2	477.1
	% Fixture	78.0	0.2	78.2
Total	Lumens	608.6	1.2	609.8
	% Fixture	99.8	0.2	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.2	1.4
10°-20°	30.1	4.9
20°-30°	51.3	8.4
30°-40°	75.9	12.4
40°-50°	97.4	16.0
50°-60°	126.6	20.8
60°-70°	152.9	25.1
70°-80°	61.0	10.0
80°-90°	5.1	0.8
90°-100°	0.6	0.1
100°-110°	0.3	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°	608.6	99.8
0°-180°	609.8	100.0

Coefficient of Utilization



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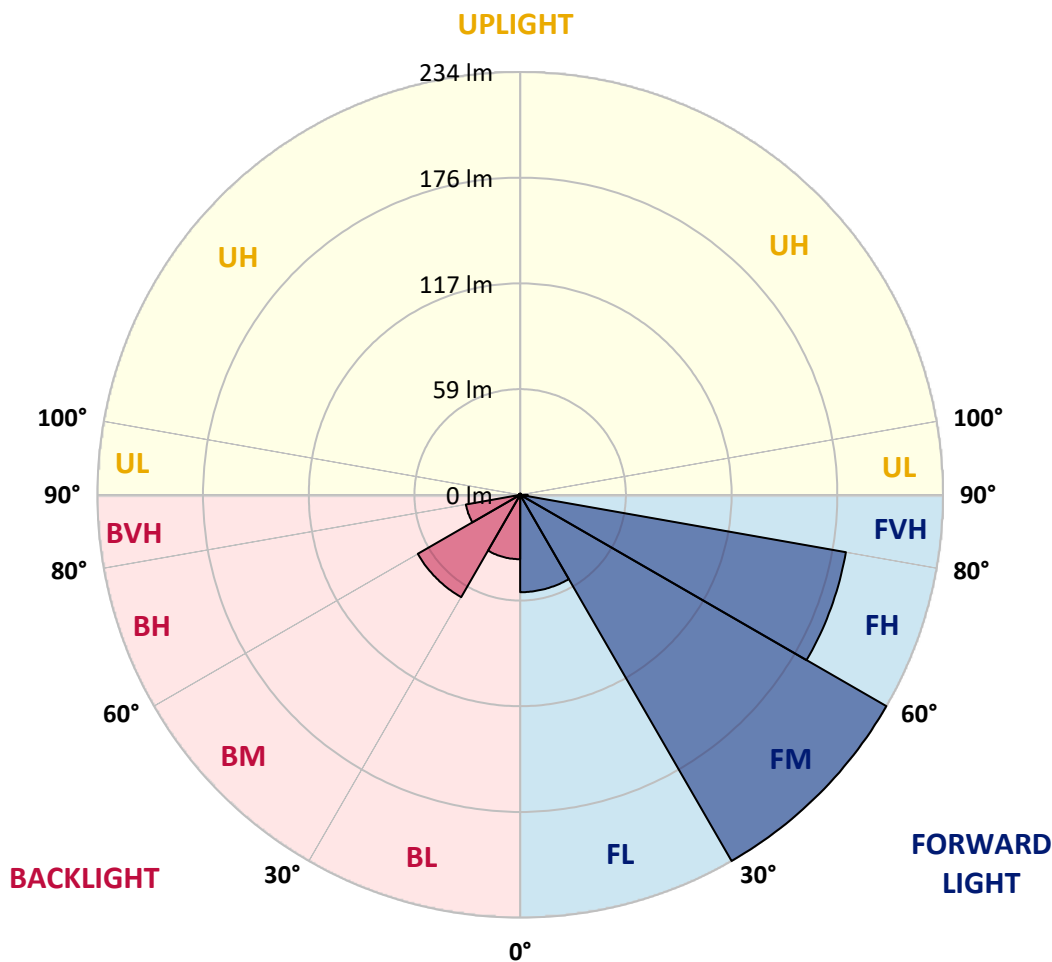
CATALOG NUMBER: 303-P1-LEDB1-2700-UNV-T4-DIM10-EDGE

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	54.0	8.9			
FM (30°-60°)	234.4	38.4			
FH (60°-80°)	183.3	30.1			G0/660
FVH (80°-90°)	4.2	0.7			G0/10
BL (0°-30°)	35.7	5.9	B0/110		
BM (30°-60°)	65.5	10.7	B0/220		
BH (60°-80°)	30.5	5.0	B0/110		G0/110
BVH (80°-90°)	0.9	0.2			G0/10
UL (90°-100°)	0.6	0.1		U1/10	
UH (100°-180°)	0.6	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°	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2.5°	111.8	109.1	112.7	111.8	110.9	101.9	99.3	96.6	85.8	83.2	76.0
5°	111.8	113.6	113.6	110.9	112.7	112.7	112.7	115.3	115.3	101.0	92.1
7.5°	124.3	126.1	121.6	120.7	118.0	117.1	118.9	114.5	117.1	115.3	105.5
10°	125.2	125.2	123.4	120.7	120.7	125.2	127.0	124.3	121.6	115.3	117.1
12.5°	124.3	126.1	125.2	120.7	120.7	126.1	124.3	125.2	118.9	116.2	117.1
15°	127.9	127.0	128.8	126.1	124.3	125.2	126.1	124.3	121.6	117.1	118.0
17.5°	131.4	131.4	128.8	126.1	126.1	126.1	123.4	123.4	120.7	117.1	118.0
20°	132.3	134.1	133.2	128.8	127.9	127.9	129.7	126.1	121.6	116.2	118.0
22.5°	137.7	139.5	135.9	135.0	131.4	132.3	129.7	127.9	122.5	117.1	117.1
25°	142.2	143.1	141.3	140.4	135.9	135.9	133.2	134.1	127.9	118.9	118.0
27.5°	146.6	148.4	145.7	143.1	142.2	143.1	138.6	141.3	132.3	126.1	123.4
30°	151.1	153.8	152.0	151.1	149.3	147.5	146.6	148.4	141.3	134.1	132.3
32.5°	157.4	160.1	158.3	159.2	158.3	157.4	156.5	154.7	152.0	143.1	140.4
35°	166.3	167.2	168.1	167.2	168.1	168.1	167.2	167.2	161.8	152.9	144.9
37.5°	171.7	173.5	177.0	181.5	183.3	183.3	178.8	177.9	169.9	160.9	150.2
40°	178.8	177.0	183.3	187.8	195.8	199.4	194.0	189.6	177.9	164.5	157.4
42.5°	182.4	182.4	189.6	193.1	207.4	211.9	208.3	205.7	186.9	168.1	156.5
45°	186.9	188.7	194.9	203.9	218.2	226.2	221.8	214.6	194.0	172.6	158.3
47.5°	196.7	195.8	202.1	213.7	227.1	240.5	236.1	231.6	200.3	176.1	164.5
50°	207.4	201.2	208.3	217.3	238.7	245.9	246.8	233.4	204.8	180.6	167.2
52.5°	218.2	213.7	219.1	233.4	250.4	258.4	253.0	247.7	217.3	187.8	175.3
55°	230.7	228.0	232.5	247.7	262.0	276.3	269.1	262.9	225.3	196.7	176.1
57.5°	252.2	246.8	250.4	264.7	280.8	297.8	290.6	277.2	237.8	207.4	187.8
60°	259.3	259.3	269.1	285.2	311.2	334.4	336.2	309.4	267.4	230.7	205.7
62.5°	251.3	253.0	263.8	293.3	338.9	388.1	382.7	364.8	300.4	246.8	215.5
65°	225.3	220.0	236.1	263.8	329.9	387.2	397.0	368.4	296.9	236.1	194.9
67.5°	200.3	192.2	201.2	226.2	277.2	349.6	360.3	340.7	266.5	211.9	165.4
70°	161.8	156.5	169.0	185.1	217.3	273.6	287.9	277.2	221.8	171.7	135.9
72.5°	109.1	109.1	122.5	145.7	166.3	186.0	190.5	197.6	172.6	135.9	101.0
75°	70.6	71.5	75.1	87.6	99.3	121.6	112.7	110.0	102.8	83.2	63.5
77.5°	32.2	33.1	38.4	46.5	52.8	61.7	63.5	59.0	44.7	31.3	20.6
80°	20.6	20.6	23.2	25.9	29.5	26.8	25.0	22.4	21.5	15.2	10.7
82.5°	14.3	12.5	14.3	15.2	16.1	15.2	15.2	12.5	8.9	8.9	5.4
85°	4.5	4.5	4.5	4.5	5.4	7.2	6.3	6.3	4.5	3.6	2.7
87.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	1.8	1.8	0.9
90°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.0
92.5°	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.0	0.0
95°	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.0	0.0
97.5°	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.9	0.0	0.0
100°	1.8	1.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
102.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0
105°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
107.5°	0.9	0.9	0.9	0.9	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°	50°	55°	65°	75°	85°
112.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
115°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.9	0.9	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°	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
2.5°	72.4	69.7	67.1	61.7	43.8	39.3	36.7	32.2	11.6	7.2	7.2
5°	85.8	83.2	78.7	69.7	59.0	37.6	34.9	28.6	14.3	2.7	1.8
7.5°	102.8	100.1	98.4	81.4	69.7	59.0	48.3	42.9	25.0	34.9	37.6
10°	116.2	117.1	115.3	104.6	84.9	73.3	71.5	61.7	62.6	51.9	44.7
12.5°	118.9	119.8	118.0	105.5	93.9	84.1	76.0	70.6	68.0	64.4	71.5
15°	118.0	118.0	120.7	105.5	94.8	79.6	76.9	71.5	69.7	71.5	72.4
17.5°	120.7	118.9	118.9	104.6	94.8	86.7	76.0	72.4	68.9	71.5	73.3
20°	117.1	117.1	115.3	103.7	95.7	87.6	76.0	70.6	67.1	69.7	70.6
22.5°	115.3	115.3	112.7	101.9	96.6	86.7	74.2	68.9	66.2	70.6	69.7
25°	118.0	116.2	114.5	101.9	97.5	86.7	72.4	67.1	61.7	66.2	63.5
27.5°	120.7	118.0	118.9	105.5	98.4	84.9	70.6	64.4	58.1	61.7	60.8
30°	127.0	125.2	118.9	105.5	96.6	84.1	68.0	62.6	55.4	58.1	59.0
32.5°	133.2	124.3	120.7	101.0	93.0	81.4	64.4	58.1	50.1	55.4	56.3
35°	138.6	129.7	118.9	97.5	84.9	74.2	58.1	52.8	46.5	50.1	50.1
37.5°	142.2	133.2	118.0	89.4	75.1	63.5	50.1	45.6	42.0	45.6	44.7
40°	144.0	132.3	110.9	80.5	64.4	53.6	42.9	39.3	36.7	39.3	39.3
42.5°	144.9	133.2	103.7	68.9	53.6	43.8	35.8	33.1	32.2	33.1	34.0
45°	145.7	129.7	97.5	59.0	43.8	35.8	30.4	28.6	27.7	29.5	29.5
47.5°	147.5	131.4	94.8	51.0	35.8	29.5	25.0	24.1	22.4	23.2	23.2
50°	152.0	135.0	93.0	44.7	30.4	25.9	21.5	19.7	18.8	18.8	18.8
52.5°	157.4	139.5	92.1	42.0	27.7	23.2	19.7	17.0	16.1	16.1	16.1
55°	162.7	144.9	93.0	40.2	25.9	21.5	17.9	16.1	13.4	14.3	14.3
57.5°	168.1	149.3	94.8	39.3	25.0	21.5	17.9	15.2	13.4	13.4	14.3
60°	183.3	162.7	103.7	41.1	24.1	21.5	17.0	13.4	12.5	12.5	13.4
62.5°	191.4	167.2	111.8	42.9	24.1	21.5	16.1	13.4	11.6	12.5	13.4
65°	171.7	154.7	110.9	39.3	22.4	19.7	15.2	13.4	11.6	12.5	13.4
67.5°	144.9	129.7	97.5	34.0	19.7	17.0	14.3	12.5	10.7	11.6	12.5
70°	118.9	103.7	81.4	26.8	17.0	14.3	13.4	11.6	9.8	9.8	11.6
72.5°	87.6	79.6	65.3	20.6	13.4	12.5	11.6	9.8	8.9	7.2	9.8
75°	51.0	49.2	45.6	15.2	10.7	9.8	9.8	8.0	6.3	5.4	7.2
77.5°	16.1	17.0	20.6	9.8	8.0	7.2	6.3	5.4	4.5	3.6	5.4
80°	8.0	8.9	8.9	6.3	5.4	5.4	4.5	3.6	2.7	2.7	2.7
82.5°	4.5	4.5	4.5	3.6	2.7	2.7	2.7	1.8	1.8	0.9	1.8
85°	2.7	2.7	1.8	1.8	0.9	0.9	0.9	0.9	0.9	0.0	0.9
87.5°	0.9	0.9	0.9	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: P394800

CATALOG NUMBER: 303-P1-LEDB1-2700-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)