

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: P394808

Luminaire Tested: **303-P1-LEDB1-2700-UNV-T5X-DIM10-EDGE**

Issue Date: 4/9/2020

Test Information

Test Method: LM-79-08
Report Number: P394808
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-LEDB1-2700-UNV-T5X-DIM10-EDGE
Description: LUMIERE EON LED LUMINAIRE
PATHWAY, TYPE 5 WITH EDGE GLOW
Light Source: 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 596.3 lumens
Efficiency: N/A
Efficacy: 72.7 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

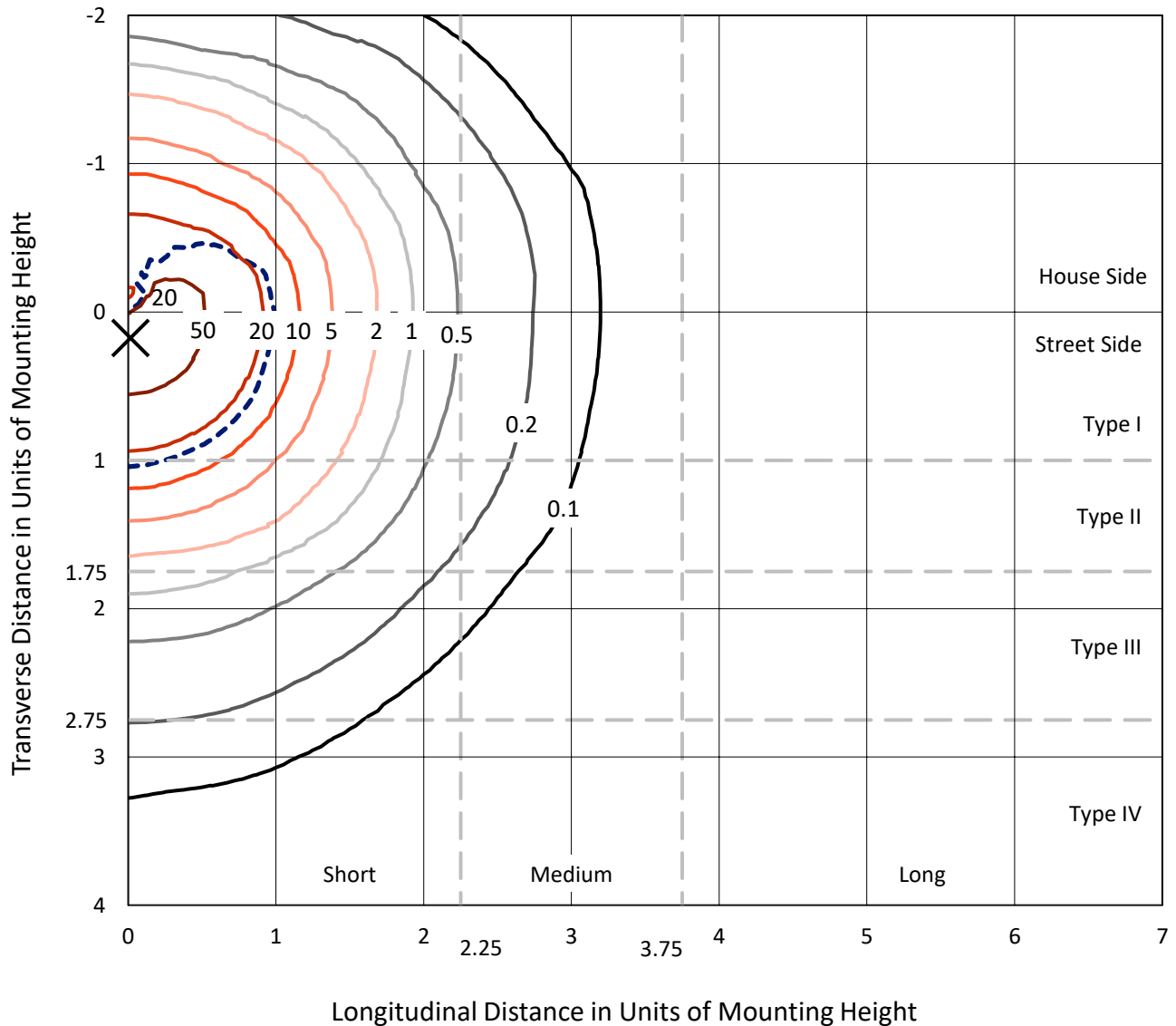


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Iso-Footcandle Lines of Horizontal Illumination

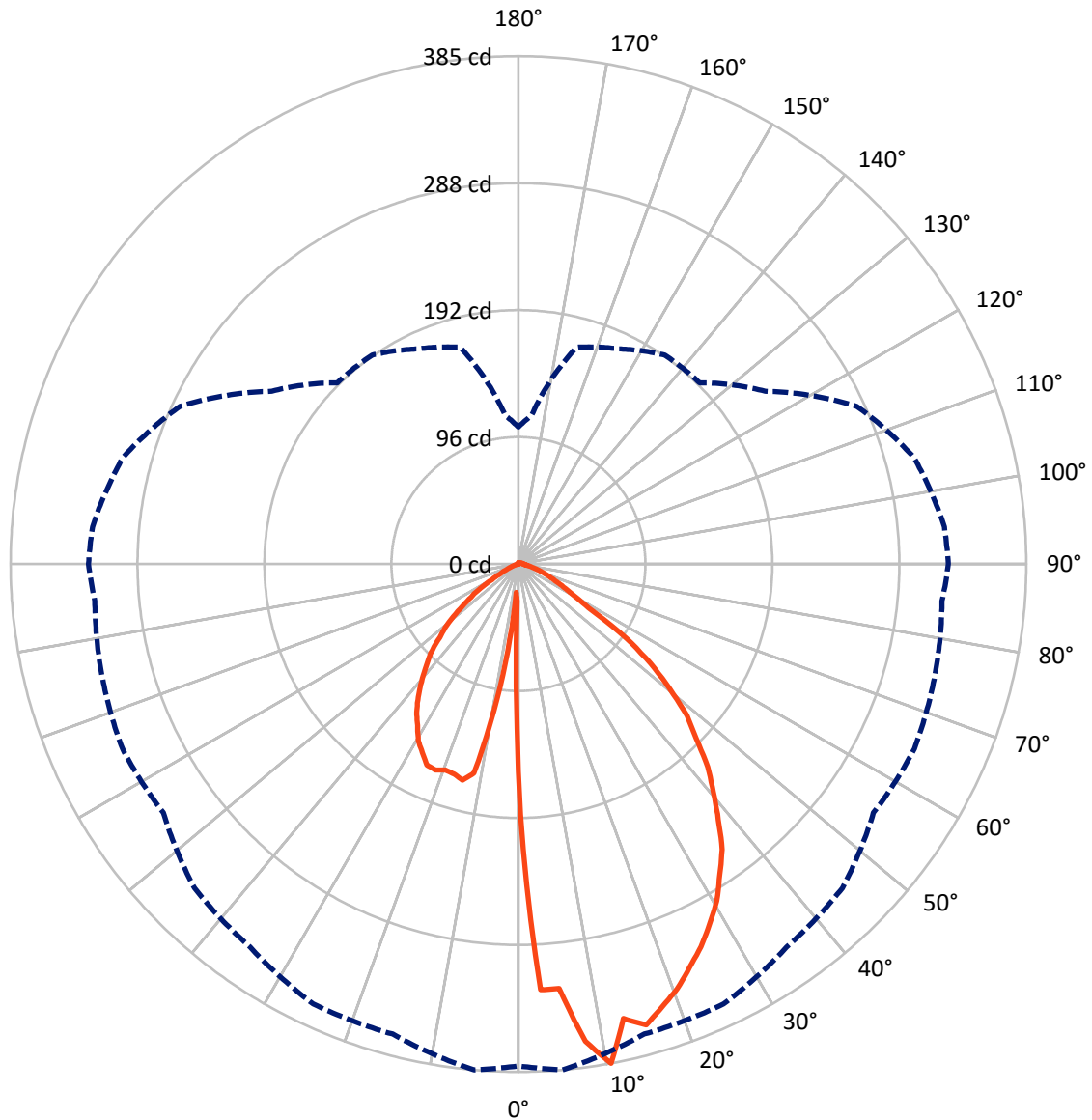
× Max cd
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 85.8 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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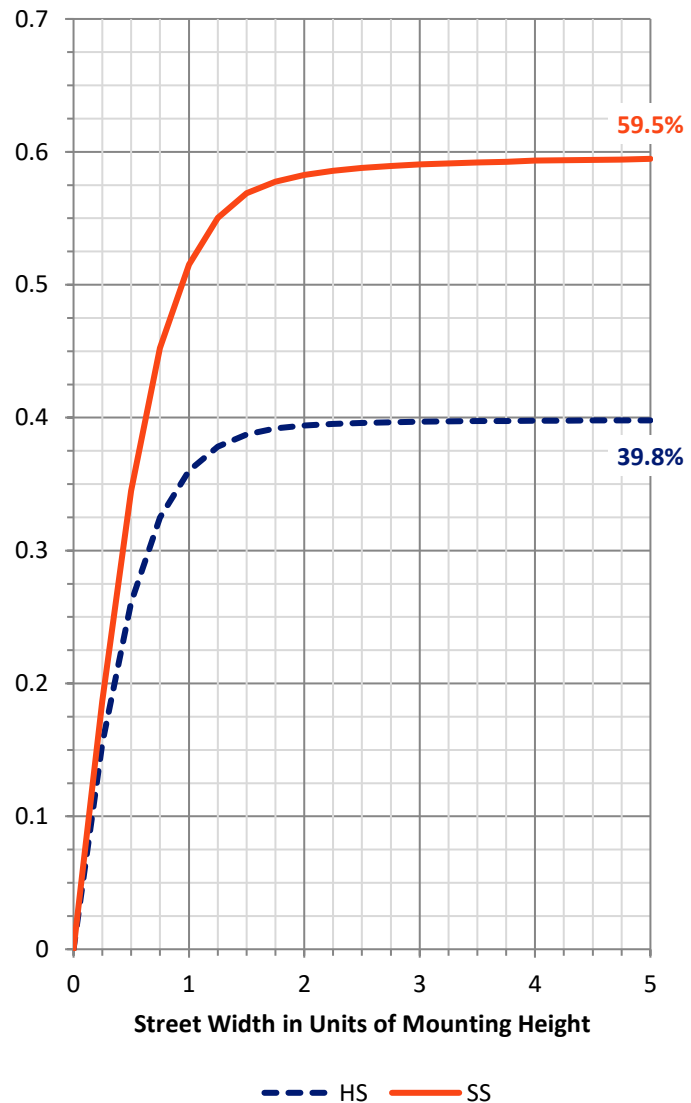
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	238.9	0.1	239.0
	% Fixture	40.1	0.0	40.1
Street Side	Lumens	354.6	2.8	357.4
	% Fixture	59.5	0.5	59.9
Total	Lumens	593.5	2.9	596.3
	% Fixture	99.5	0.5	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.0	3.9
10°-20°	81.2	13.6
20°-30°	121.6	20.4
30°-40°	136.3	22.9
40°-50°	118.8	19.9
50°-60°	72.9	12.2
60°-70°	27.9	4.7
70°-80°	9.6	1.6
80°-90°	2.1	0.4
90°-100°	1.1	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°	593.5	99.5
0°-180°	596.3	100.0



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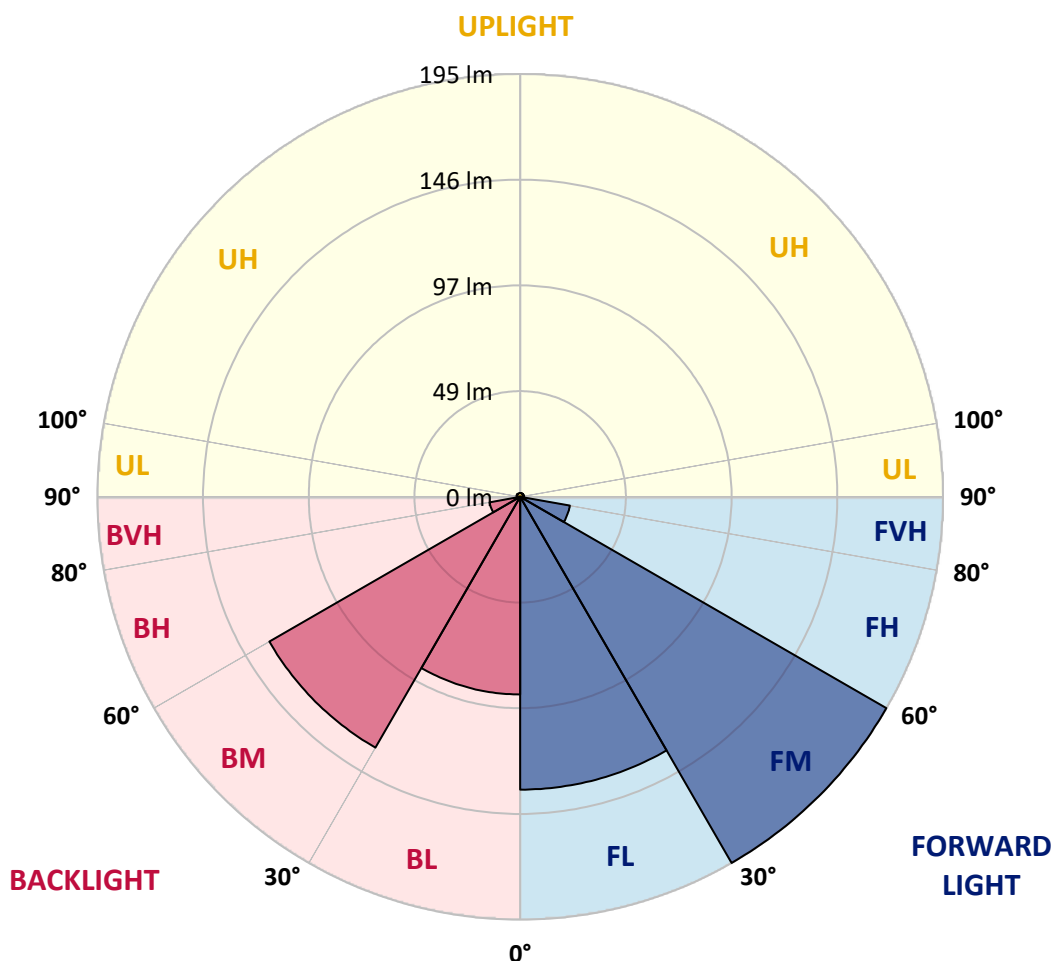
CATALOG NUMBER: 303-P1-LEDB1-2700-UNV-T5X-DIM10-EDGE

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	134.8	22.6			
FM	(30°-60°)	194.7	32.6			
FH	(60°-80°)	23.2	3.9			G0/660
FVH	(80°-90°)	1.9	0.3			G0/10
BL	(0°-30°)	91.0	15.3	B0/110		
BM	(30°-60°)	133.3	22.4	B0/220		
BH	(60°-80°)	14.3	2.4	B0/110		G0/110
BVH	(80°-90°)	0.3	0.0			G0/10
UL	(90°-100°)	1.1	0.2		U1/10	
UH	(100°-180°)	1.7	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°	189.6	189.6	189.6	189.6	189.6	189.6	189.6	189.6	189.6	189.6	189.6
2.5°	325.5	322.8	323.7	327.3	311.2	294.2	261.1	237.0	220.9	210.1	208.3
5°	324.6	322.8	326.4	324.6	320.1	324.6	311.2	321.9	279.0	253.0	256.6
7.5°	355.9	364.8	362.1	343.4	330.8	329.9	322.8	327.3	320.1	301.3	290.6
10°	380.0	384.5	368.4	367.5	354.1	346.9	328.2	330.8	326.4	321.9	325.5
12.5°	355.9	353.2	352.3	352.3	348.7	359.5	347.8	330.8	327.3	324.6	324.6
15°	363.9	362.1	353.2	354.1	341.6	347.8	343.4	334.4	322.8	321.0	319.2
17.5°	348.7	352.3	346.9	349.6	338.0	345.1	338.9	329.1	315.6	311.2	317.4
20°	340.7	343.4	338.9	340.7	334.4	335.3	330.8	323.7	312.1	309.4	308.5
22.5°	330.8	331.7	328.2	330.8	325.5	327.3	322.8	316.5	304.9	302.2	304.9
25°	319.2	321.0	316.5	320.1	313.9	312.1	308.5	305.8	300.4	291.5	292.4
27.5°	305.8	308.5	306.7	308.5	305.8	305.8	302.2	294.2	287.0	282.6	286.1
30°	294.2	296.0	293.3	292.4	292.4	295.1	289.7	281.7	275.4	272.7	276.3
32.5°	280.8	279.9	279.9	280.8	280.8	272.7	276.3	271.8	260.2	259.3	266.5
35°	262.9	265.6	258.4	263.8	262.9	264.7	261.1	256.6	249.5	245.9	249.5
37.5°	245.9	245.9	248.6	242.3	244.1	246.8	244.1	237.8	233.4	230.7	230.7
40°	228.9	227.1	227.1	221.8	230.7	226.2	222.6	220.0	217.3	215.5	213.7
42.5°	209.2	210.1	209.2	203.0	206.6	203.9	203.9	197.6	197.6	195.8	196.7
45°	189.6	188.7	187.8	187.8	186.0	186.0	185.1	180.6	177.0	175.3	177.9
47.5°	170.8	171.7	165.4	164.5	166.3	165.4	165.4	156.5	154.7	157.4	156.5
50°	147.5	148.4	145.7	143.1	145.7	143.1	144.9	137.7	135.0	134.1	136.8
52.5°	125.2	125.2	127.9	122.5	122.5	119.8	125.2	116.2	114.5	113.6	114.5
55°	99.3	99.3	100.1	100.1	103.7	100.1	101.9	95.7	93.0	91.2	89.4
57.5°	65.3	62.6	68.9	80.5	83.2	81.4	80.5	76.0	72.4	71.5	71.5
60°	47.4	47.4	47.4	51.0	63.5	60.8	62.6	59.0	55.4	54.5	53.6
62.5°	38.4	38.4	38.4	37.6	42.9	48.3	48.3	44.7	41.1	39.3	40.2
65°	30.4	30.4	31.3	30.4	31.3	35.8	34.9	33.1	32.2	31.3	31.3
67.5°	25.0	25.0	25.0	25.0	24.1	25.0	26.8	25.9	25.9	25.0	25.0
70°	20.6	20.6	20.6	19.7	19.7	18.8	19.7	20.6	20.6	19.7	19.7
72.5°	17.0	16.1	16.1	15.2	14.3	14.3	14.3	16.1	15.2	15.2	15.2
75°	12.5	12.5	12.5	11.6	10.7	10.7	9.8	10.7	11.6	10.7	10.7
77.5°	9.8	9.8	9.8	8.9	8.9	8.0	7.2	7.2	7.2	7.2	7.2
80°	8.0	7.2	7.2	7.2	6.3	6.3	5.4	4.5	4.5	4.5	3.6
82.5°	5.4	5.4	5.4	5.4	4.5	4.5	3.6	2.7	2.7	1.8	1.8
85°	5.4	4.5	4.5	4.5	4.5	3.6	2.7	1.8	0.9	0.9	0.9
87.5°	4.5	4.5	4.5	3.6	3.6	2.7	2.7	1.8	0.9	0.0	0.0
90°	3.6	3.6	3.6	3.6	3.6	2.7	1.8	0.9	0.9	0.0	0.0
92.5°	3.6	3.6	3.6	3.6	2.7	2.7	1.8	0.9	0.9	0.0	0.0
95°	3.6	3.6	3.6	3.6	2.7	2.7	1.8	0.9	0.9	0.0	0.0
97.5°	2.7	2.7	2.7	2.7	2.7	1.8	1.8	0.9	0.9	0.0	0.0
100°	2.7	2.7	2.7	2.7	2.7	1.8	1.8	0.9	0.9	0.0	0.0
102.5°	2.7	2.7	2.7	2.7	1.8	1.8	1.8	0.9	0.0	0.0	0.0
105°	2.7	2.7	2.7	1.8	1.8	1.8	1.8	0.9	0.0	0.0	0.0
107.5°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.0	0.0	0.0
110°	1.8	1.8	1.8	1.8	1.8	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°	85°	90°
112.5°	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.0	0.0	0.0
115°	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.9	0.0	0.0	0.0
117.5°	1.8	1.8	1.8	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	0.9	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	0.9	0.9	0.0	0.0	0.0	0.0
127.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
130°	0.9	0.9	0.9	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0
132.5°	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.9	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°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
167.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
170°	0.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.9	0.9
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9
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°	189.6	189.6	189.6	189.6	189.6	189.6	189.6	189.6	189.6	189.6
2.5°	207.4	195.8	149.3	120.7	89.4	76.0	48.3	44.7	27.7	8.0
5°	241.4	211.0	186.0	142.2	106.4	90.3	64.4	29.5	21.5	4.5
7.5°	282.6	279.9	231.6	205.7	160.1	139.5	111.8	85.8	66.2	51.0
10°	323.7	310.3	282.6	228.0	194.0	193.1	179.7	169.9	112.7	103.7
12.5°	321.0	323.7	282.6	258.4	233.4	203.9	186.9	172.6	161.8	156.5
15°	319.2	321.0	279.0	257.5	228.9	196.7	184.2	171.7	169.0	175.3
17.5°	313.9	315.6	273.6	259.3	225.3	194.0	179.7	172.6	166.3	171.7
20°	306.7	314.7	270.0	254.8	221.8	186.0	177.9	172.6	165.4	169.0
22.5°	302.2	304.9	261.1	247.7	215.5	185.1	174.4	166.3	168.1	165.4
25°	292.4	293.3	254.8	241.4	210.1	177.0	169.9	160.9	167.2	160.9
27.5°	281.7	288.8	244.1	228.9	203.0	170.8	162.7	155.6	160.1	154.7
30°	270.0	270.0	235.2	219.1	192.2	160.1	155.6	149.3	153.8	145.7
32.5°	258.4	257.5	222.6	207.4	181.5	150.2	146.6	141.3	144.0	140.4
35°	245.9	244.1	211.0	195.8	170.8	144.9	139.5	132.3	135.9	132.3
37.5°	228.0	230.7	197.6	181.5	159.2	133.2	129.7	126.1	126.1	120.7
40°	213.7	209.2	180.6	166.3	146.6	123.4	120.7	113.6	115.3	111.8
42.5°	192.2	194.9	166.3	150.2	132.3	111.8	109.1	103.7	104.6	102.8
45°	174.4	169.9	145.7	135.0	121.6	99.3	96.6	91.2	94.8	92.1
47.5°	154.7	151.1	129.7	118.9	106.4	87.6	85.8	81.4	81.4	81.4
50°	134.1	133.2	112.7	101.9	91.2	74.2	72.4	68.9	71.5	69.7
52.5°	112.7	110.9	95.7	88.5	76.0	62.6	59.0	57.2	58.1	58.1
55°	90.3	89.4	76.9	72.4	62.6	50.1	47.4	45.6	45.6	47.4
57.5°	71.5	68.9	60.8	56.3	48.3	39.3	38.4	35.8	36.7	37.6
60°	55.4	54.5	47.4	42.0	37.6	30.4	27.7	24.1	23.2	24.1
62.5°	40.2	41.1	36.7	33.1	29.5	22.4	18.8	12.5	15.2	16.1
65°	31.3	31.3	26.8	25.9	22.4	16.1	12.5	8.9	11.6	12.5
67.5°	25.0	25.0	21.5	18.8	16.1	10.7	9.8	6.3	7.2	8.9
70°	20.6	19.7	17.0	14.3	11.6	8.0	7.2	4.5	5.4	6.3
72.5°	15.2	15.2	11.6	9.8	8.0	6.3	5.4	2.7	3.6	3.6
75°	10.7	11.6	8.0	6.3	5.4	4.5	3.6	1.8	1.8	2.7
77.5°	7.2	7.2	4.5	4.5	3.6	2.7	1.8	0.9	0.9	0.9
80°	4.5	3.6	2.7	2.7	1.8	0.9	0.9	0.0	0.0	0.9
82.5°	1.8	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0
85°	0.9	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-LEDB1-2700-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°	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0
167.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
170°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
172.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
175°	0.0	0.0	0.0	0.0	0.0	0.9	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)