

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: P394793

Luminaire Tested: **303-P1-LEDB1-3000-UNV-T2-DIM10-EDGE**

Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P394793  
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-LEDB1-3000-UNV-T2-DIM10-EDGE  
Description: LUMIERE EON LED LUMINAIRE  
PATHWAY, TYPE 2 WITH EDGE GLOW  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 652.5 lumens  
Efficiency: N/A  
Efficacy: 79.6 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

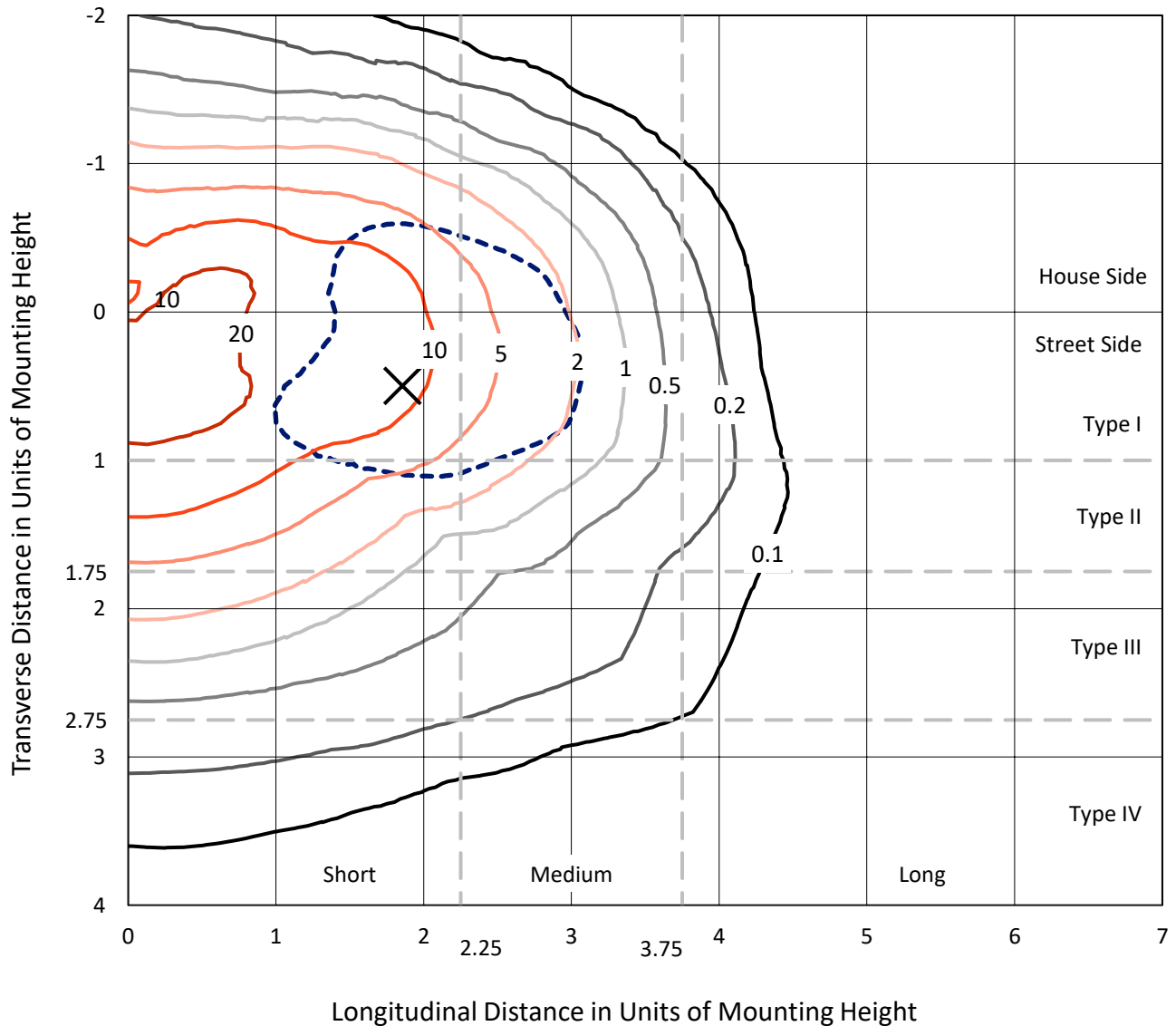
Input Watts (W): 8.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

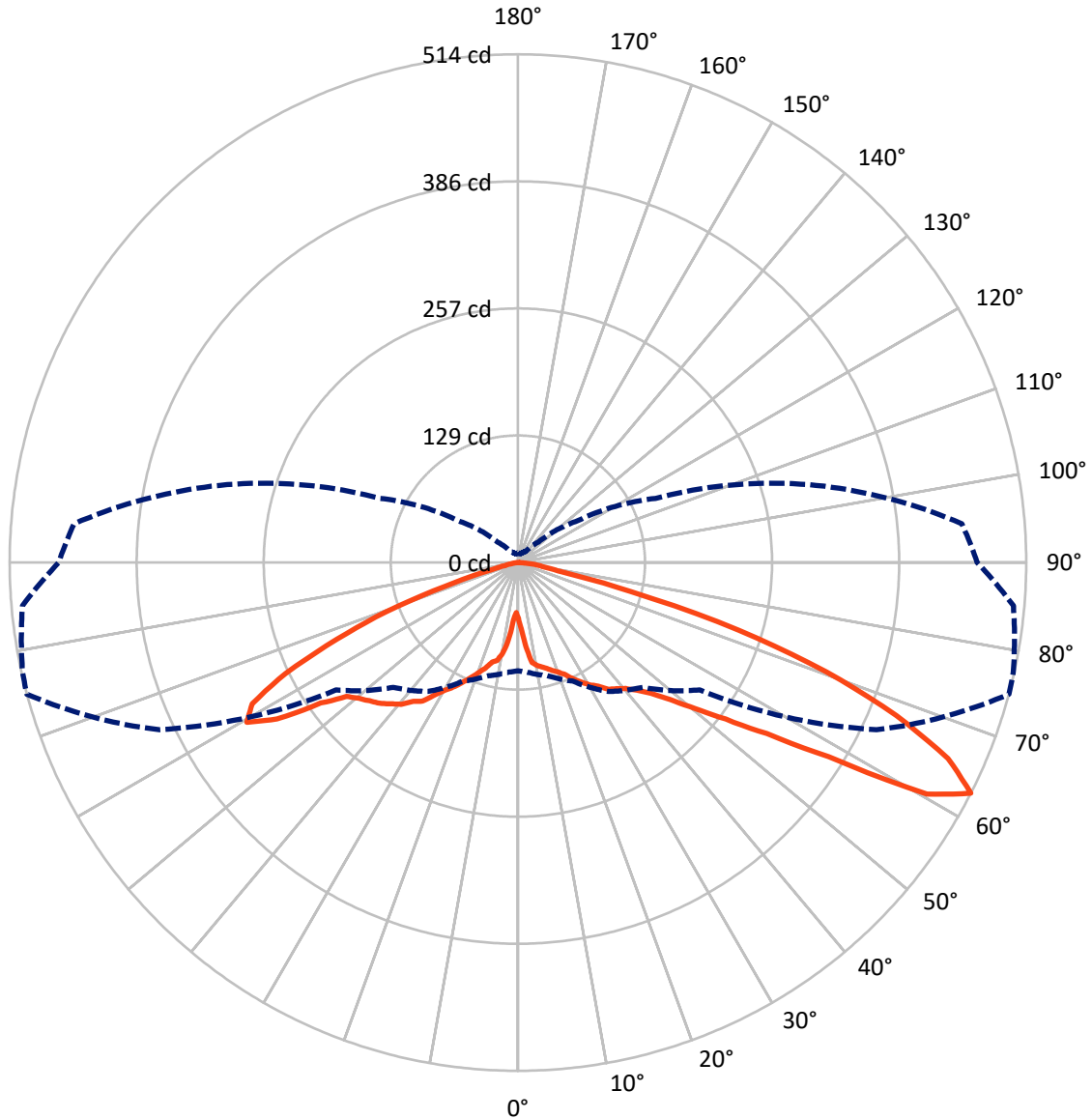
× Max cd  
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 28.2 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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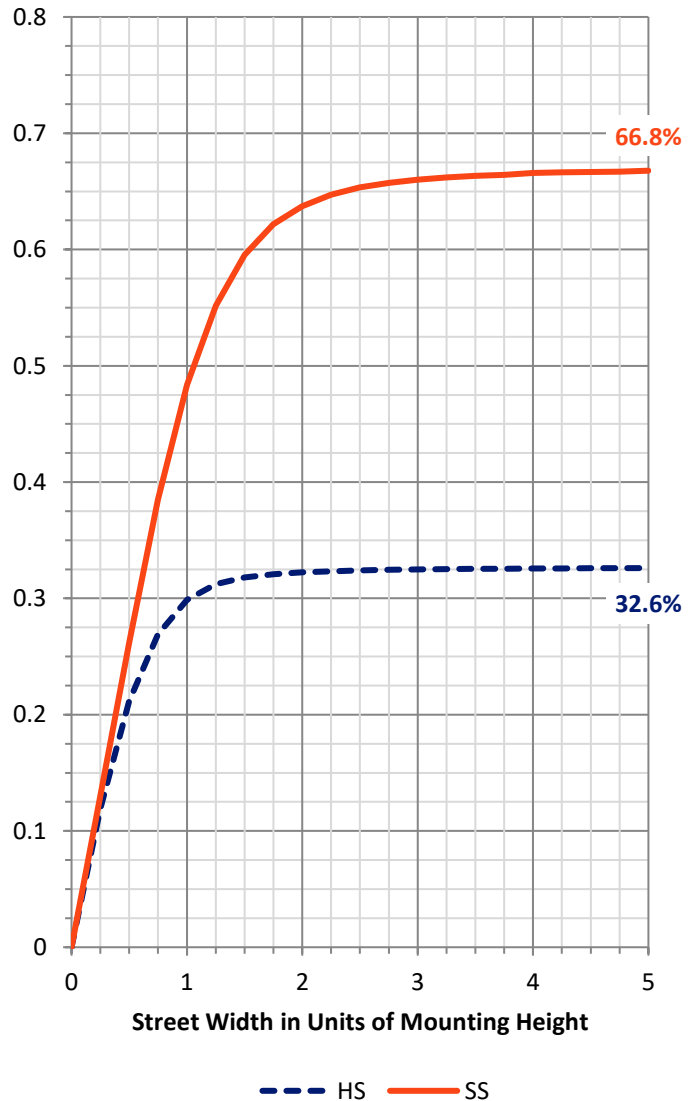
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	214.0	0.0	214.0
	% Fixture	32.8	0.0	32.8
<b>Street Side</b>	Lumens	436.5	2.0	438.5
	% Fixture	66.9	0.3	67.2
<b>Total</b>	Lumens	650.6	2.0	652.5
	% Fixture	99.7	0.3	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	7.1	1.1
10°-20°	27.4	4.2
20°-30°	50.8	7.8
30°-40°	83.4	12.8
40°-50°	120.4	18.5
50°-60°	158.3	24.3
60°-70°	155.3	23.8
70°-80°	43.6	6.7
80°-90°	4.3	0.7
90°-100°	0.8	0.1
100°-110°	0.6	0.1
110°-120°	0.3	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°	650.6	99.7
0°-180°	652.5	100.0

**Coefficient of Utilization**



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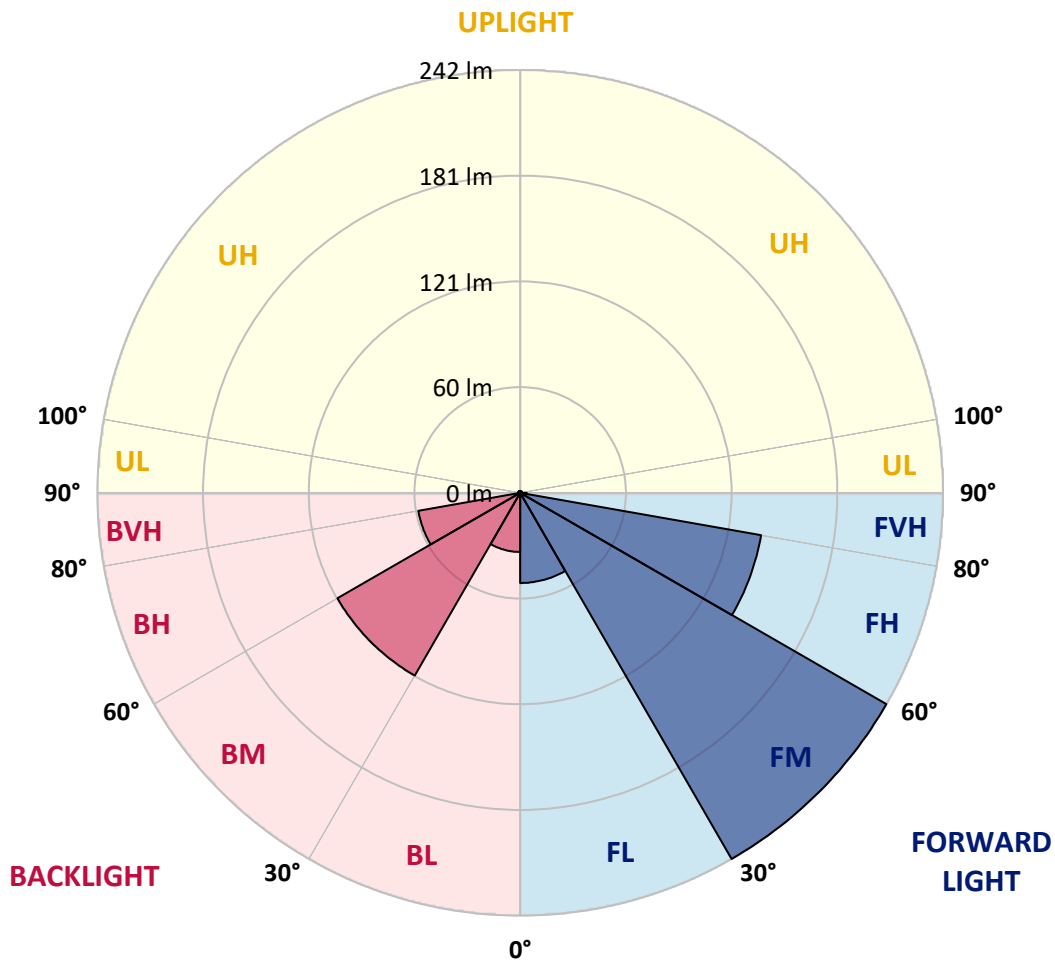
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	51.5	7.9			
FM (30°-60°)	241.6	37.0			
FH (60°-80°)	139.7	21.4			G0/660
FVH (80°-90°)	3.7	0.6			G0/10
BL (0°-30°)	33.8	5.2	B0/110		
BM (30°-60°)	120.5	18.5	B0/220		
BH (60°-80°)	59.1	9.1	B0/110		G0/110
BVH (80°-90°)	0.6	0.1			G0/10
UL (90°-100°)	0.8	0.1		U1/10	
UH (100°-180°)	1.1	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°	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
2.5°	98.4	99.3	99.3	93.8	91.1	84.6	77.3	69.9	67.1	66.2	63.5
5°	103.9	103.9	101.2	101.2	102.1	101.2	100.2	92.9	85.5	80.9	78.2
7.5°	114.0	115.0	109.4	108.5	106.7	106.7	101.2	102.1	102.1	100.2	91.1
10°	119.6	121.4	115.9	114.0	113.1	113.1	109.4	107.6	105.8	103.0	103.9
12.5°	121.4	121.4	118.6	118.6	115.9	115.9	114.0	106.7	108.5	107.6	105.8
15°	125.1	125.1	121.4	121.4	118.6	114.0	115.9	112.2	111.3	110.4	110.4
17.5°	126.9	131.5	126.0	122.3	120.5	119.6	117.7	115.0	115.0	114.0	111.3
20°	128.8	130.6	129.7	126.0	122.3	121.4	119.6	118.6	118.6	118.6	119.6
22.5°	130.6	131.5	129.7	126.9	126.0	122.3	122.3	123.2	123.2	121.4	125.1
25°	130.6	131.5	129.7	127.8	126.0	127.8	126.0	129.7	130.6	130.6	132.4
27.5°	128.8	133.4	132.4	130.6	129.7	130.6	132.4	135.2	137.0	137.0	138.9
30°	138.9	142.6	140.7	137.0	136.1	138.0	136.1	138.9	143.5	143.5	143.5
32.5°	154.5	154.5	153.6	149.0	149.0	149.0	148.1	144.4	149.0	149.0	152.7
35°	162.8	170.1	166.5	165.5	165.5	163.7	159.1	157.3	157.3	154.5	157.3
37.5°	179.3	181.2	179.3	180.3	182.1	179.3	176.6	167.4	161.9	160.0	163.7
40°	188.5	191.3	189.5	192.2	197.7	198.7	192.2	176.6	167.4	166.5	168.3
42.5°	190.4	195.9	196.8	203.3	208.8	213.4	214.3	195.9	176.6	172.9	174.7
45°	194.1	200.5	202.3	206.0	217.1	226.2	226.2	214.3	188.5	180.3	177.5
47.5°	202.3	203.3	209.7	209.7	222.6	230.8	244.6	239.1	206.9	196.8	190.4
50°	193.1	203.3	205.1	210.6	223.5	236.4	255.7	263.0	231.8	219.8	202.3
52.5°	201.4	203.3	208.8	207.9	218.0	236.4	263.0	280.5	263.0	252.0	219.8
55°	197.7	198.7	202.3	204.2	216.1	231.8	265.8	302.6	305.3	291.5	261.2
57.5°	173.8	176.6	183.0	192.2	203.3	218.0	264.9	340.3	370.6	368.8	351.3
60°	139.8	144.4	153.6	165.5	189.5	207.9	256.6	392.7	475.5	473.6	454.3
62.5°	109.4	111.3	118.6	132.4	159.1	178.4	224.4	400.1	514.1	513.2	503.1
65°	91.1	92.9	93.8	100.2	114.0	138.9	174.7	367.9	478.2	494.8	490.2
67.5°	59.8	63.5	66.2	73.6	80.9	90.1	113.1	298.9	412.9	423.1	439.6
70°	35.9	35.9	40.5	50.6	64.4	69.9	72.7	194.1	331.1	341.2	363.3
72.5°	26.7	26.7	28.5	33.1	46.9	63.5	65.3	112.2	233.6	236.4	239.1
75°	19.3	20.2	20.2	22.1	26.7	44.1	69.0	62.5	117.7	112.2	85.5
77.5°	12.0	12.0	12.9	13.8	15.6	21.2	48.7	42.3	45.1	39.5	18.4
80°	8.3	8.3	8.3	8.3	9.2	10.1	22.1	39.5	25.8	28.5	11.0
82.5°	5.5	5.5	5.5	5.5	5.5	5.5	7.4	32.2	19.3	24.8	6.4
85°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	12.0	7.4	8.3	2.8
87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	1.8	0.9	0.9
90°	2.8	2.8	2.8	2.8	2.8	1.8	1.8	0.9	0.9	0.9	0.0
92.5°	2.8	2.8	2.8	2.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0
95°	1.8	2.8	2.8	1.8	1.8	1.8	1.8	0.9	0.9	0.0	0.0
97.5°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.0
100°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.0
102.5°	1.8	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.0
105°	1.8	1.8	1.8	1.8	1.8	0.9	0.9	0.9	0.0	0.0	0.0
107.5°	1.8	1.8	1.8	1.8	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°	55°	65°	75°	77.5°	85°
112.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
115°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0
117.5°	0.9	0.9	0.9	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	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.9	0.9	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.9	0.9	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°	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
2.5°	59.8	57.9	50.6	42.3	32.2	28.5	25.8	16.6	8.3	5.5	5.5
5°	71.7	69.9	57.9	53.3	44.1	32.2	26.7	20.2	12.9	8.3	3.7
7.5°	86.5	85.5	79.1	66.2	56.1	47.8	40.5	36.8	24.8	25.8	25.8
10°	102.1	101.2	92.9	84.6	70.8	59.8	54.3	53.3	46.9	40.5	39.5
12.5°	103.9	106.7	101.2	87.4	78.2	68.1	60.7	53.3	49.7	50.6	54.3
15°	108.5	107.6	103.9	92.0	82.8	69.0	61.6	56.1	50.6	51.5	55.2
17.5°	114.0	114.0	111.3	96.6	86.5	72.7	63.5	58.9	51.5	55.2	56.1
20°	118.6	118.6	117.7	101.2	91.1	73.6	64.4	59.8	52.4	54.3	56.1
22.5°	125.1	128.8	125.1	109.4	95.6	79.1	66.2	60.7	52.4	54.3	56.1
25°	131.5	134.3	132.4	116.8	103.0	80.9	67.1	61.6	52.4	52.4	56.1
27.5°	138.9	141.6	140.7	122.3	108.5	85.5	69.0	59.8	52.4	53.3	55.2
30°	146.2	151.8	148.1	130.6	115.0	88.3	70.8	62.5	51.5	50.6	54.3
32.5°	153.6	155.4	157.3	139.8	119.6	92.0	70.8	60.7	51.5	50.6	54.3
35°	160.9	167.4	170.1	143.5	124.2	93.8	69.9	59.8	49.7	48.7	50.6
37.5°	165.5	172.0	175.7	153.6	127.8	92.9	68.1	57.9	46.9	46.0	47.8
40°	171.1	178.4	185.8	159.1	128.8	92.9	65.3	53.3	43.2	42.3	44.1
42.5°	178.4	190.4	192.2	162.8	130.6	89.2	61.6	49.7	39.5	37.7	40.5
45°	184.9	195.9	199.6	162.8	126.9	84.6	57.0	44.1	34.9	34.0	34.9
47.5°	193.1	205.1	205.1	164.6	122.3	79.1	51.5	38.6	30.4	28.5	30.4
50°	206.0	218.0	211.5	159.1	116.8	74.5	45.1	33.1	24.8	23.9	25.8
52.5°	221.6	238.2	219.8	160.9	109.4	66.2	39.5	27.6	21.2	20.2	21.2
55°	259.4	273.2	244.6	160.9	103.0	57.9	32.2	22.1	17.5	17.5	18.4
57.5°	339.4	354.1	290.6	171.1	98.4	50.6	25.8	17.5	13.8	14.7	14.7
60°	435.9	426.7	318.2	172.9	90.1	39.5	18.4	13.8	12.0	12.0	12.9
62.5°	464.5	450.7	304.4	153.6	73.6	29.4	13.8	11.0	9.2	9.2	10.1
65°	446.1	412.9	260.3	116.8	51.5	18.4	10.1	8.3	7.4	7.4	8.3
67.5°	381.7	355.0	198.7	79.1	30.4	12.0	8.3	7.4	6.4	6.4	7.4
70°	318.2	275.9	142.6	46.0	15.6	9.2	6.4	5.5	4.6	5.5	5.5
72.5°	200.5	173.8	77.3	23.9	10.1	7.4	5.5	4.6	3.7	3.7	4.6
75°	69.0	57.9	30.4	10.1	7.4	5.5	3.7	3.7	1.8	2.8	2.8
77.5°	16.6	16.6	12.9	6.4	5.5	4.6	2.8	1.8	1.8	1.8	1.8
80°	10.1	10.1	7.4	4.6	3.7	2.8	1.8	0.9	0.9	0.9	0.9
82.5°	5.5	5.5	4.6	3.7	1.8	1.8	0.9	0.0	0.0	0.0	0.0
85°	2.8	1.8	1.8	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.9	0.9	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: P394793

CATALOG NUMBER: 303-P1-LEDB1-3000-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)