

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: P394801

Luminaire Tested: **303-P1-LEDB1-3000-UNV-T4-DIM10-EDGE**

Issue Date: 4/9/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P394801  
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-LEDB1-3000-UNV-T4-DIM10-EDGE  
Description: LUMIERE EON LED LUMINAIRE  
PATHWAY, TYPE 4 WITH EDGE GLOW  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 627.2 lumens  
Efficiency: N/A  
Efficacy: 76.5 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

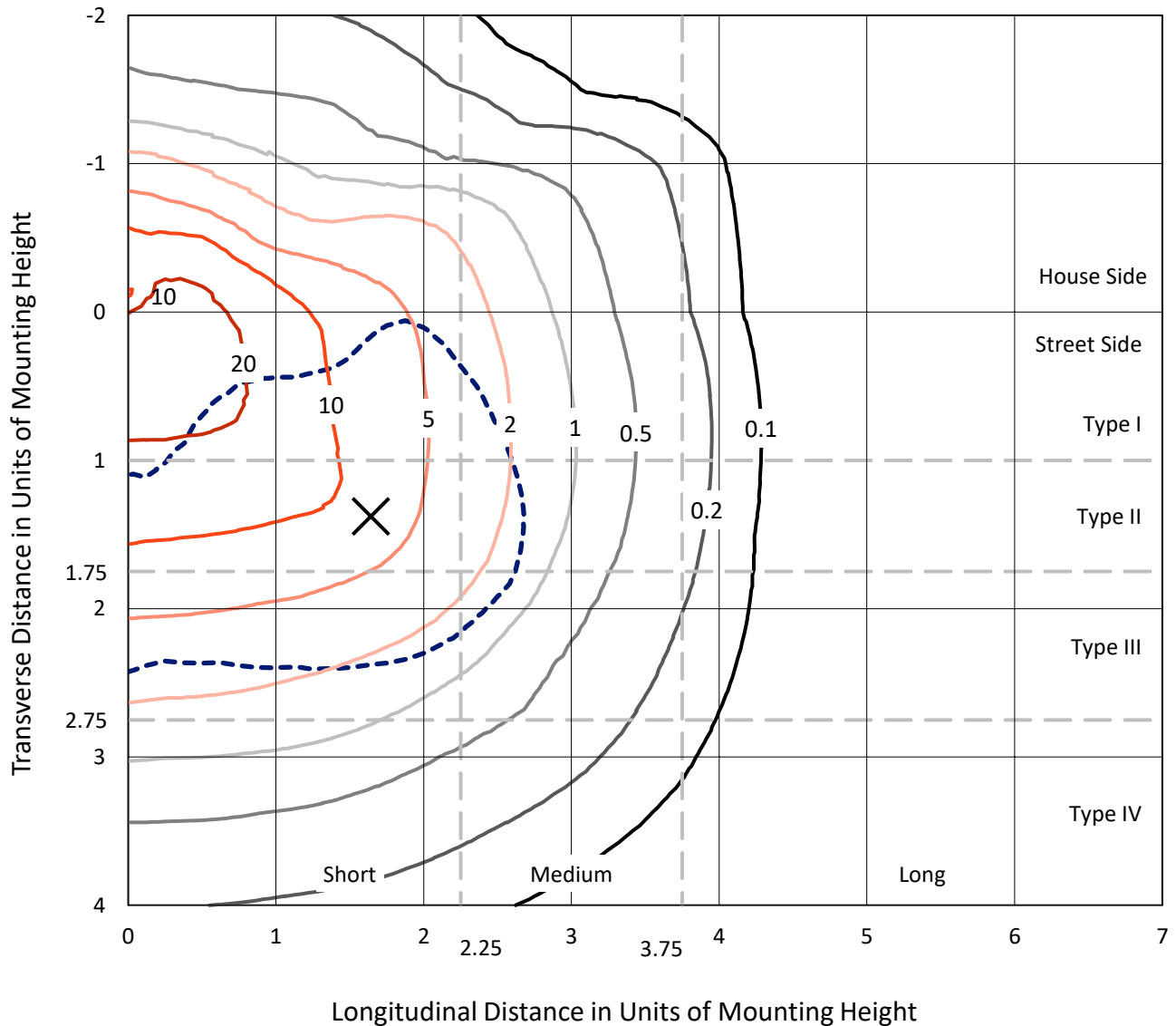
Input Watts (W): 8.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

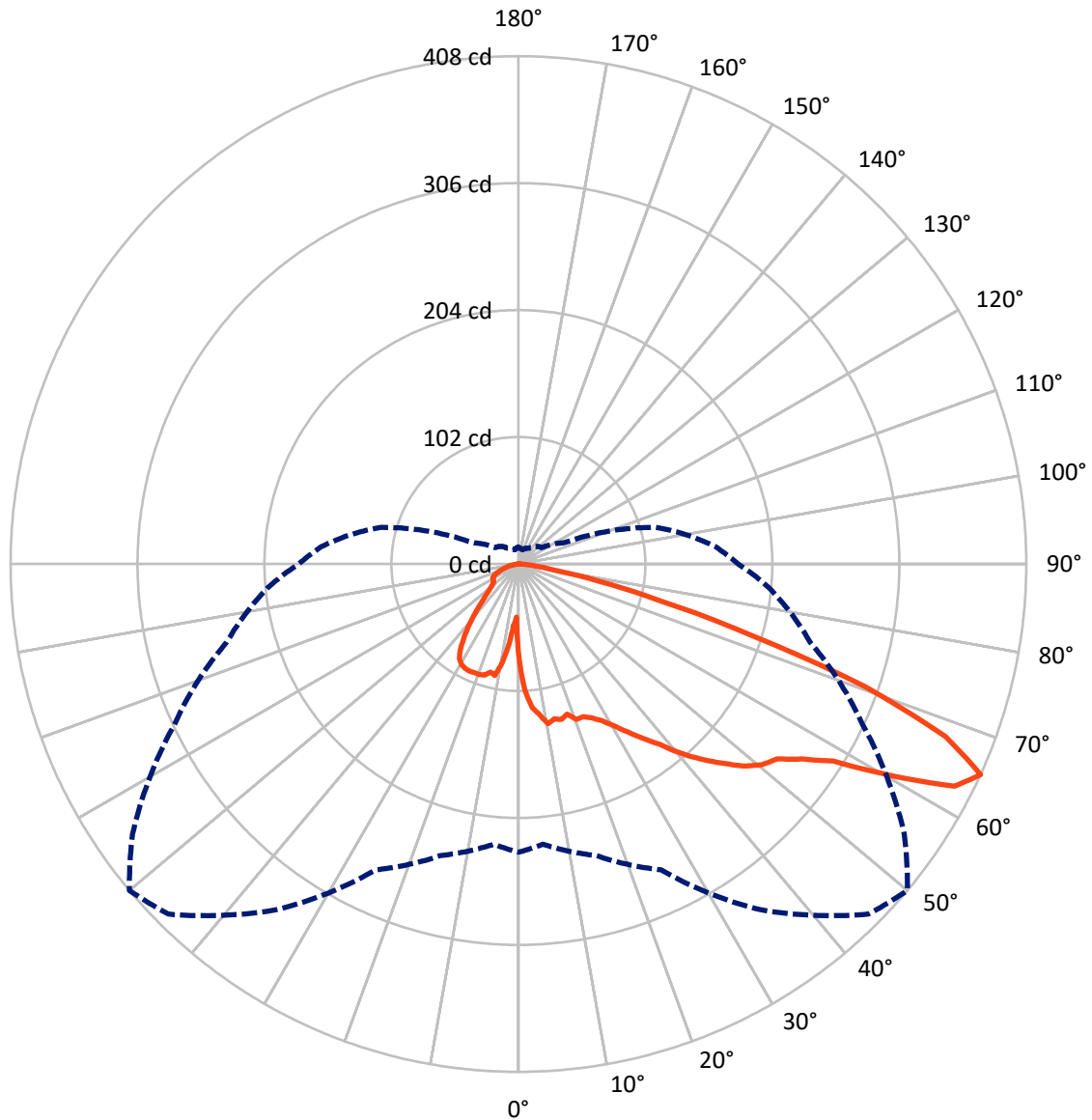
✕ Max cd  
 - - - 1/2 Max cd



Based on 2 foot mounting height. Maximum calculated value = 30.7 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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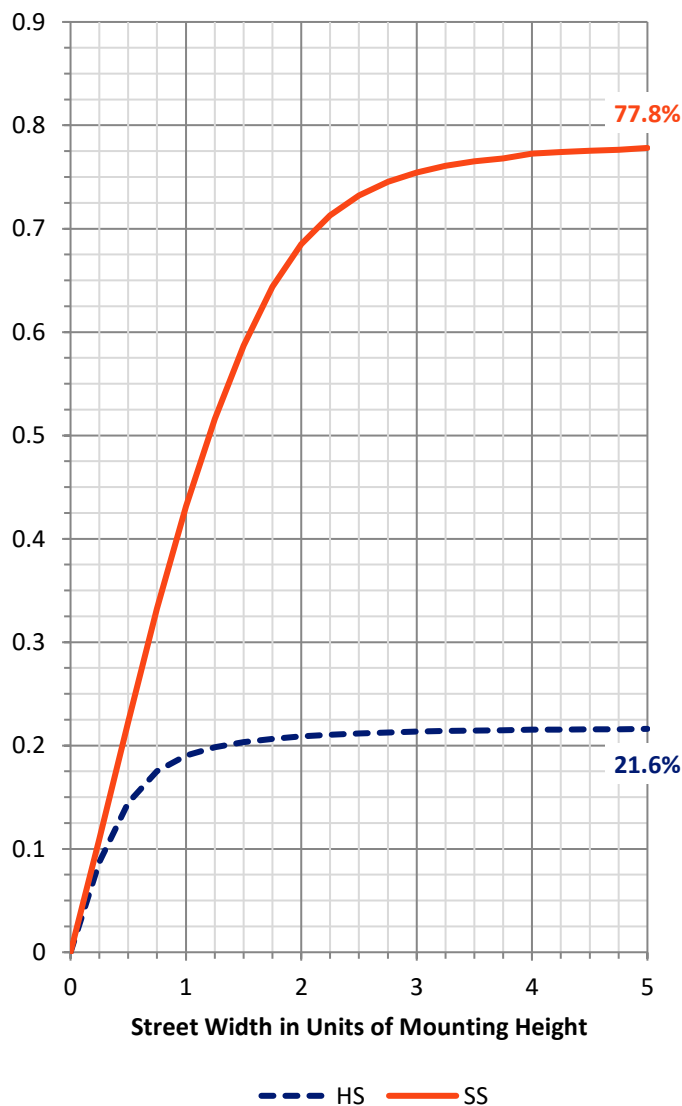
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	136.5	0.0	136.5
	% Fixture	21.8	0.0	21.8
<b>Street Side</b>	Lumens	489.5	1.2	490.7
	% Fixture	78.0	0.2	78.2
<b>Total</b>	Lumens	626.0	1.2	627.2
	% Fixture	99.8	0.2	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	8.5	1.4
10°-20°	31.0	4.9
20°-30°	52.8	8.4
30°-40°	78.1	12.4
40°-50°	100.2	16.0
50°-60°	130.2	20.8
60°-70°	157.3	25.1
70°-80°	62.7	10.0
80°-90°	5.3	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°	626.0	99.8
0°-180°	627.2	100.0

**Coefficient of Utilization**



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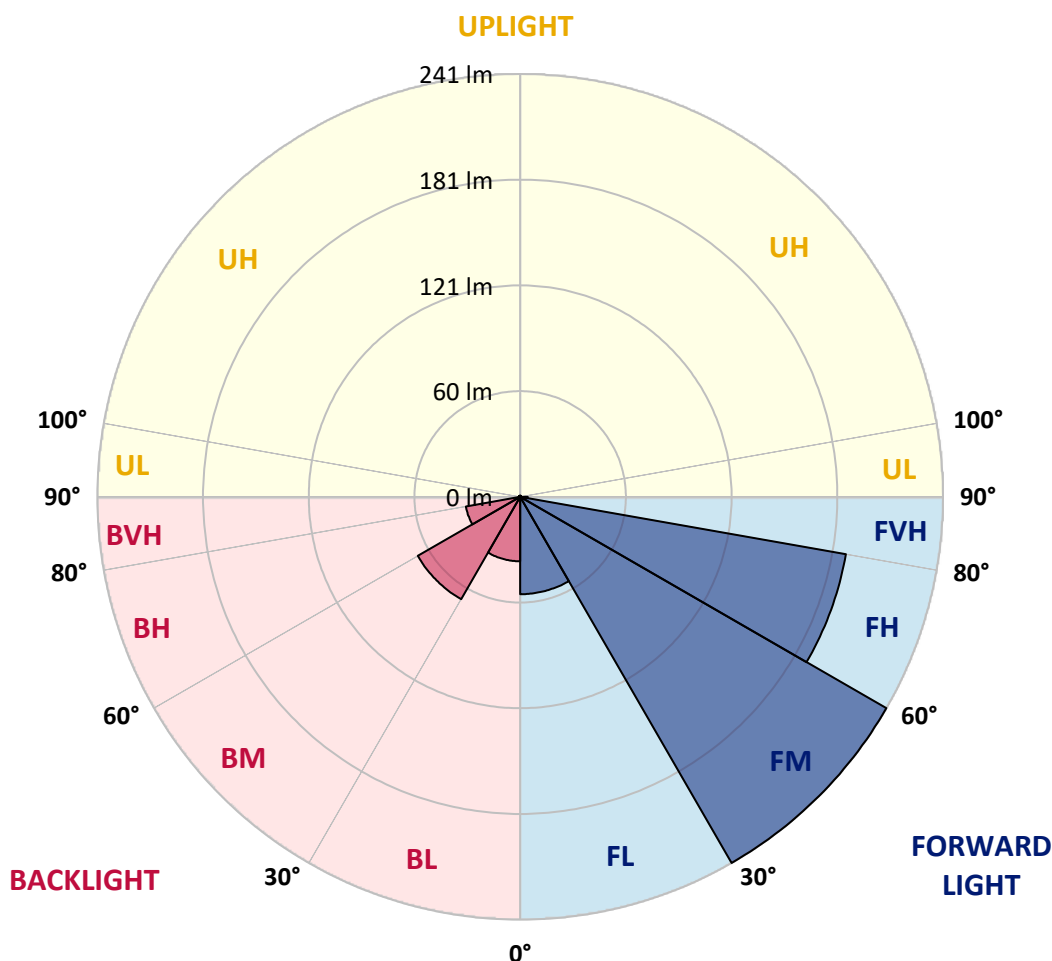
CATALOG NUMBER: 303-P1-LEDB1-3000-UNV-T4-DIM10-EDGE

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	55.5	8.9			
FM (30°-60°)	241.1	38.4			
FH (60°-80°)	188.6	30.1			G0/660
FVH (80°-90°)	4.3	0.7			G0/10
BL (0°-30°)	36.7	5.9	B0/110		
BM (30°-60°)	67.4	10.7	B0/220		
BH (60°-80°)	31.4	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°)	0.6	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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
2.5°	115.0	112.2	115.9	115.0	114.0	104.8	102.1	99.3	88.3	85.5	78.2
5°	115.0	116.8	116.8	114.0	115.9	115.9	115.9	118.6	118.6	103.9	94.7
7.5°	127.8	129.7	125.1	124.2	121.4	120.5	122.3	117.7	120.5	118.6	108.5
10°	128.8	128.8	126.9	124.2	124.2	128.8	130.6	127.8	125.1	118.6	120.5
12.5°	127.8	129.7	128.8	124.2	124.2	129.7	127.8	128.8	122.3	119.6	120.5
15°	131.5	130.6	132.4	129.7	127.8	128.8	129.7	127.8	125.1	120.5	121.4
17.5°	135.2	135.2	132.4	129.7	129.7	129.7	126.9	126.9	124.2	120.5	121.4
20°	136.1	138.0	137.0	132.4	131.5	131.5	133.4	129.7	125.1	119.6	121.4
22.5°	141.6	143.5	139.8	138.9	135.2	136.1	133.4	131.5	126.0	120.5	120.5
25°	146.2	147.2	145.3	144.4	139.8	139.8	137.0	138.0	131.5	122.3	121.4
27.5°	150.8	152.7	149.9	147.2	146.2	147.2	142.6	145.3	136.1	129.7	126.9
30°	155.4	158.2	156.4	155.4	153.6	151.8	150.8	152.7	145.3	138.0	136.1
32.5°	161.9	164.6	162.8	163.7	162.8	161.9	160.9	159.1	156.4	147.2	144.4
35°	171.1	172.0	172.9	172.0	172.9	172.9	172.0	172.0	166.5	157.3	149.0
37.5°	176.6	178.4	182.1	186.7	188.5	188.5	183.9	183.0	174.7	165.5	154.5
40°	183.9	182.1	188.5	193.1	201.4	205.1	199.6	195.0	183.0	169.2	161.9
42.5°	187.6	187.6	195.0	198.7	213.4	218.0	214.3	211.5	192.2	172.9	160.9
45°	192.2	194.1	200.5	209.7	224.4	232.7	228.1	220.7	199.6	177.5	162.8
47.5°	202.3	201.4	207.9	219.8	233.6	247.4	242.8	238.2	206.0	181.2	169.2
50°	213.4	206.9	214.3	223.5	245.6	252.9	253.8	240.0	210.6	185.8	172.0
52.5°	224.4	219.8	225.3	240.0	257.5	265.8	260.3	254.8	223.5	193.1	180.3
55°	237.3	234.5	239.1	254.8	269.5	284.2	276.8	270.4	231.8	202.3	181.2
57.5°	259.4	253.8	257.5	272.2	288.8	306.3	298.9	285.1	244.6	213.4	193.1
60°	266.7	266.7	276.8	293.4	320.1	344.0	345.8	318.2	275.0	237.3	211.5
62.5°	258.4	260.3	271.3	301.7	348.6	399.2	393.6	375.2	309.0	253.8	221.6
65°	231.8	226.2	242.8	271.3	339.4	398.2	408.4	378.9	305.3	242.8	200.5
67.5°	206.0	197.7	206.9	232.7	285.1	359.6	370.6	350.4	274.1	218.0	170.1
70°	166.5	160.9	173.8	190.4	223.5	281.4	296.1	285.1	228.1	176.6	139.8
72.5°	112.2	112.2	126.0	149.9	171.1	191.3	195.9	203.3	177.5	139.8	103.9
75°	72.7	73.6	77.3	90.1	102.1	125.1	115.9	113.1	105.8	85.5	65.3
77.5°	33.1	34.0	39.5	47.8	54.3	63.5	65.3	60.7	46.0	32.2	21.2
80°	21.2	21.2	23.9	26.7	30.4	27.6	25.8	23.0	22.1	15.6	11.0
82.5°	14.7	12.9	14.7	15.6	16.6	15.6	15.6	12.9	9.2	9.2	5.5
85°	4.6	4.6	4.6	4.6	5.5	7.4	6.4	6.4	4.6	3.7	2.8
87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	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°	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
2.5°	74.5	71.7	69.0	63.5	45.1	40.5	37.7	33.1	12.0	7.4	7.4
5°	88.3	85.5	80.9	71.7	60.7	38.6	35.9	29.4	14.7	2.8	1.8
7.5°	105.8	103.0	101.2	83.7	71.7	60.7	49.7	44.1	25.8	35.9	38.6
10°	119.6	120.5	118.6	107.6	87.4	75.4	73.6	63.5	64.4	53.3	46.0
12.5°	122.3	123.2	121.4	108.5	96.6	86.5	78.2	72.7	69.9	66.2	73.6
15°	121.4	121.4	124.2	108.5	97.5	81.9	79.1	73.6	71.7	73.6	74.5
17.5°	124.2	122.3	122.3	107.6	97.5	89.2	78.2	74.5	70.8	73.6	75.4
20°	120.5	120.5	118.6	106.7	98.4	90.1	78.2	72.7	69.0	71.7	72.7
22.5°	118.6	118.6	115.9	104.8	99.3	89.2	76.3	70.8	68.1	72.7	71.7
25°	121.4	119.6	117.7	104.8	100.2	89.2	74.5	69.0	63.5	68.1	65.3
27.5°	124.2	121.4	122.3	108.5	101.2	87.4	72.7	66.2	59.8	63.5	62.5
30°	130.6	128.8	122.3	108.5	99.3	86.5	69.9	64.4	57.0	59.8	60.7
32.5°	137.0	127.8	124.2	103.9	95.6	83.7	66.2	59.8	51.5	57.0	57.9
35°	142.6	133.4	122.3	100.2	87.4	76.3	59.8	54.3	47.8	51.5	51.5
37.5°	146.2	137.0	121.4	92.0	77.3	65.3	51.5	46.9	43.2	46.9	46.0
40°	148.1	136.1	114.0	82.8	66.2	55.2	44.1	40.5	37.7	40.5	40.5
42.5°	149.0	137.0	106.7	70.8	55.2	45.1	36.8	34.0	33.1	34.0	34.9
45°	149.9	133.4	100.2	60.7	45.1	36.8	31.3	29.4	28.5	30.4	30.4
47.5°	151.8	135.2	97.5	52.4	36.8	30.4	25.8	24.8	23.0	23.9	23.9
50°	156.4	138.9	95.6	46.0	31.3	26.7	22.1	20.2	19.3	19.3	19.3
52.5°	161.9	143.5	94.7	43.2	28.5	23.9	20.2	17.5	16.6	16.6	16.6
55°	167.4	149.0	95.6	41.4	26.7	22.1	18.4	16.6	13.8	14.7	14.7
57.5°	172.9	153.6	97.5	40.5	25.8	22.1	18.4	15.6	13.8	13.8	14.7
60°	188.5	167.4	106.7	42.3	24.8	22.1	17.5	13.8	12.9	12.9	13.8
62.5°	196.8	172.0	115.0	44.1	24.8	22.1	16.6	13.8	12.0	12.9	13.8
65°	176.6	159.1	114.0	40.5	23.0	20.2	15.6	13.8	12.0	12.9	13.8
67.5°	149.0	133.4	100.2	34.9	20.2	17.5	14.7	12.9	11.0	12.0	12.9
70°	122.3	106.7	83.7	27.6	17.5	14.7	13.8	12.0	10.1	10.1	12.0
72.5°	90.1	81.9	67.1	21.2	13.8	12.9	12.0	10.1	9.2	7.4	10.1
75°	52.4	50.6	46.9	15.6	11.0	10.1	10.1	8.3	6.4	5.5	7.4
77.5°	16.6	17.5	21.2	10.1	8.3	7.4	6.4	5.5	4.6	3.7	5.5
80°	8.3	9.2	9.2	6.4	5.5	5.5	4.6	3.7	2.8	2.8	2.8
82.5°	4.6	4.6	4.6	3.7	2.8	2.8	2.8	1.8	1.8	0.9	1.8
85°	2.8	2.8	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: P394801

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