

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: McGRAW-EDISON

Report Number: P1245504

Luminaire Tested: **TT-D7-AMB-U-CQ-HSS**

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245504
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-017-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D7-AMB-U-CQ-HSS
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND CONCENTRATED DISTRIBUTION WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

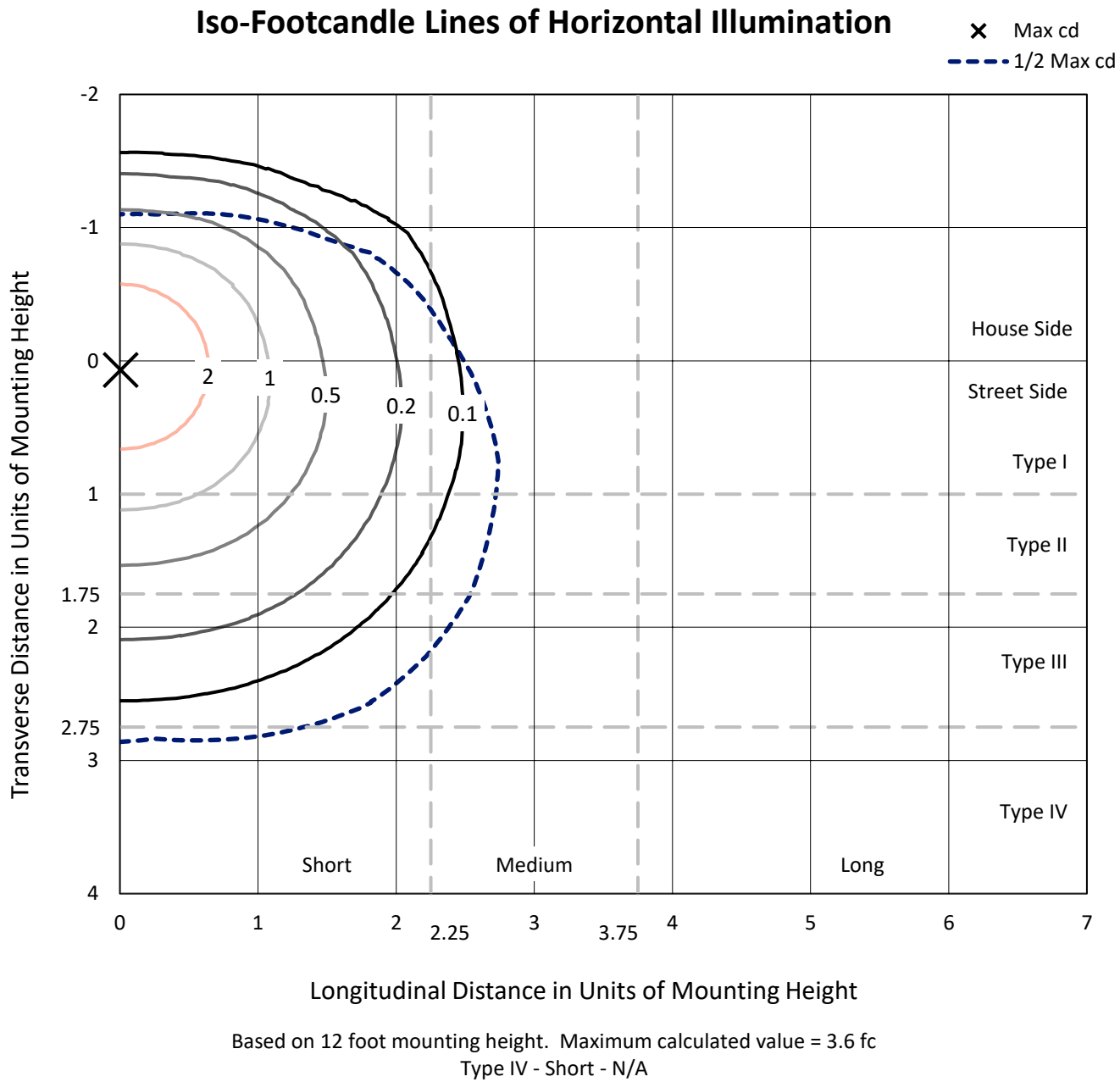
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1791.9 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U1 - G1

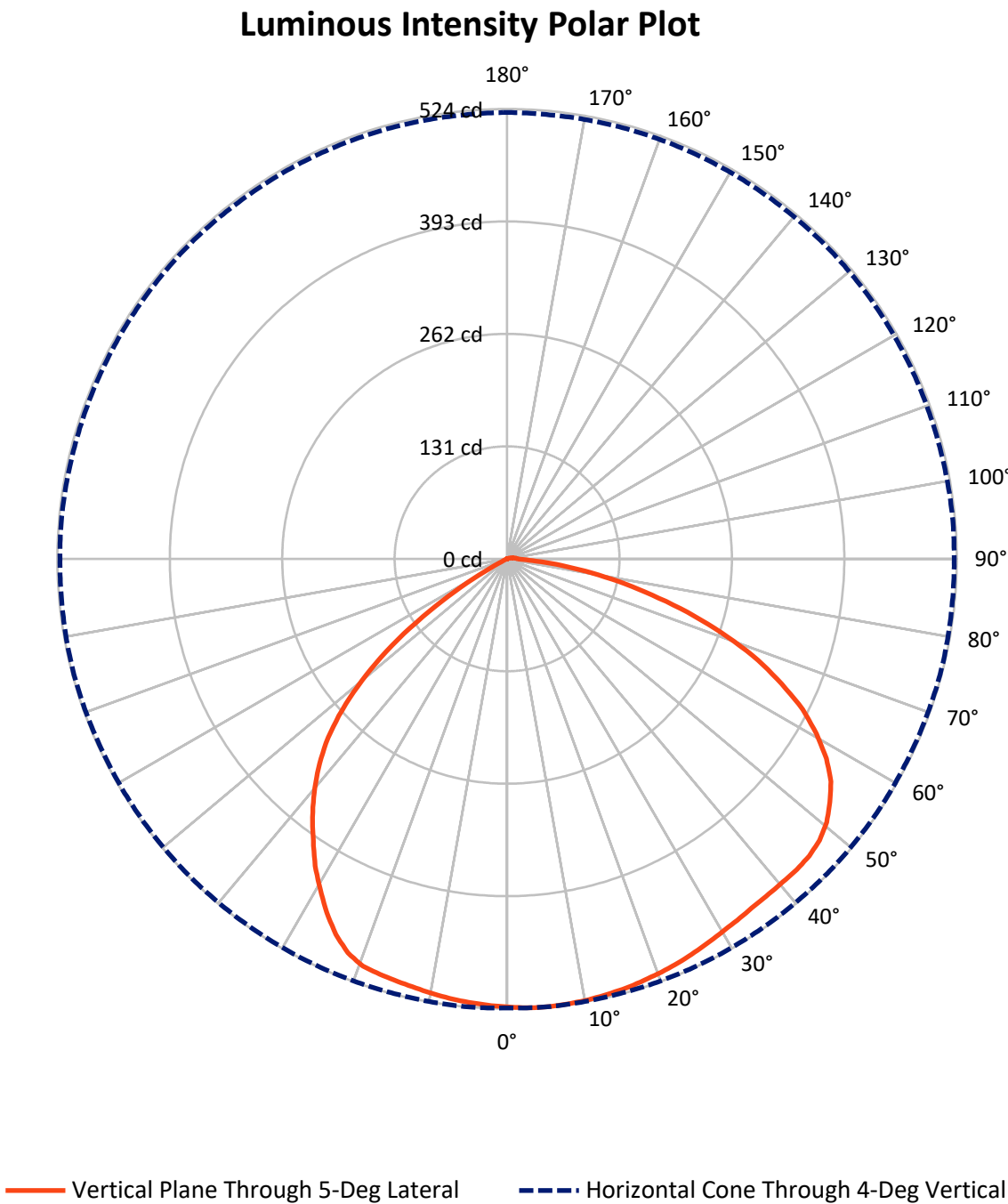
Input Watts (W): 47.6
Input Voltage (V): 120.0
Input Current (Ain): 0.409
Voltage Rise (V): NR
Power Factor: 0.971
Total Harmonic Distortion (THDi): 14.19%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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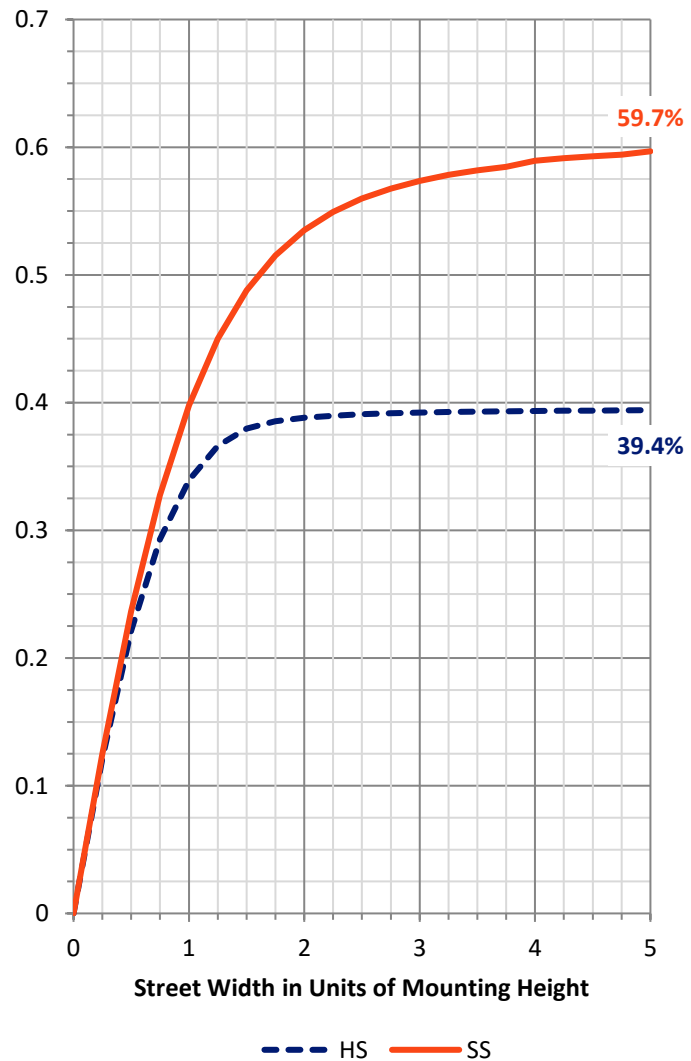
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	710.2	0.8	711.0
	% Fixture	39.6	0.0	39.7
Street Side	Lumens	1075.9	4.9	1080.9
	% Fixture	60.0	0.3	60.3
Total	Lumens	1786.1	5.8	1791.9
	% Fixture	99.7	0.3	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.6	2.8
10°-20°	145.3	8.1
20°-30°	228.9	12.8
30°-40°	291.3	16.3
40°-50°	336.4	18.8
50°-60°	329.4	18.4
60°-70°	245.4	13.7
70°-80°	132.9	7.4
80°-90°	26.9	1.5
90°-100°	3.4	0.2
100°-110°	1.3	0.1
110°-120°	0.4	0.0
120°-130°	0.2	0.0
130°-140°	0.2	0.0
140°-150°	0.1	0.0
150°-160°	0.1	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	1786.1	99.7
0°-180°	1791.9	100.0

Coefficient of Utilization



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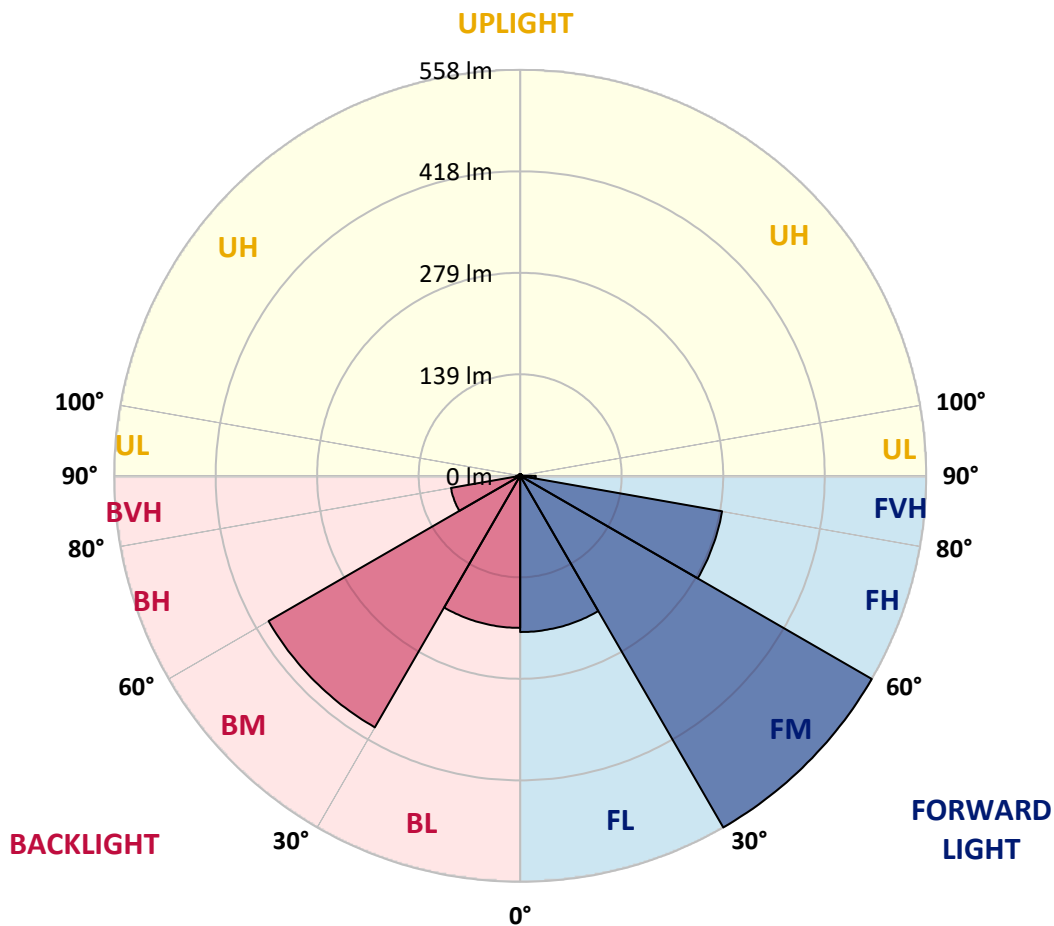
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	214.7	12.0			
FM	(30°-60°)	558.0	31.1			
FH	(60°-80°)	281.7	15.7			G0/660
FVH	(80°-90°)	21.5	1.2			G1/100
BL	(0°-30°)	209.0	11.7	B1/500		
BM	(30°-60°)	399.2	22.3	B1/1000		
BH	(60°-80°)	96.5	5.4	B0/110		G0/110
BVH	(80°-90°)	5.4	0.3			G0/10
UL	(90°-100°)	3.4	0.2		U1/10	
UH	(100°-180°)	2.4	0.1		U1/10	

BUG Rating: B1-U1-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	521.9	521.9	521.9	521.9	521.9	521.9	521.9	521.9	521.9	521.9	521.9
2.5°	522.6	523.3	522.9	522.9	522.3	522.6	522.3	522.3	521.9	521.6	521.6
4°	522.9	523.6	522.9	522.9	522.6	522.6	522.3	521.6	521.9	520.9	520.6
5°	523.3	523.6	523.3	523.3	522.6	522.3	521.6	521.6	521.3	520.6	520.6
7.5°	522.6	522.9	522.9	522.6	521.9	521.3	520.9	520.6	520.2	519.2	519.2
10°	521.3	521.9	521.3	521.3	520.9	520.2	519.2	518.9	517.9	517.2	516.9
12.5°	519.9	520.2	519.9	519.9	519.2	518.2	517.9	517.2	515.9	514.9	514.9
15°	517.9	518.6	518.2	517.9	517.6	516.5	515.5	514.5	513.5	512.5	512.5
17.5°	515.5	515.9	516.2	515.9	515.2	514.5	513.5	512.2	511.2	510.1	509.8
20°	512.8	513.5	513.5	513.5	512.8	512.2	510.8	509.5	508.8	507.4	507.1
22.5°	510.1	510.8	510.5	510.8	510.5	509.5	508.1	506.8	505.4	504.4	503.7
25°	507.4	507.4	507.4	507.4	507.4	506.1	504.7	503.1	501.7	500.0	500.0
27.5°	504.1	504.1	504.4	504.4	504.1	503.1	501.4	499.4	497.3	495.7	495.0
30°	501.0	500.7	501.4	502.1	501.7	500.7	498.7	496.3	493.3	490.9	488.9
32.5°	497.3	498.3	499.0	500.4	500.7	499.4	497.0	494.0	490.9	486.6	482.8
35°	496.0	496.0	497.7	499.7	500.4	499.7	496.3	493.0	488.6	482.2	477.8
37.5°	494.6	495.0	497.7	500.7	501.7	501.7	498.0	493.6	487.6	478.5	473.1
40°	494.0	494.6	498.0	502.4	505.1	504.7	500.4	495.0	487.6	475.8	469.0
42.5°	493.3	494.6	498.3	504.4	508.5	508.1	503.4	496.3	486.9	472.4	464.7
45°	492.3	493.3	498.3	506.1	511.5	512.5	507.1	498.0	486.9	469.4	459.3
47.5°	489.2	489.6	496.3	505.4	513.5	514.9	509.5	498.7	485.5	464.3	452.5
50°	481.2	482.2	489.9	502.1	511.5	513.5	508.8	497.0	482.2	455.9	441.7
52.5°	470.7	470.7	480.2	493.6	505.1	508.5	504.1	490.9	473.7	443.4	427.3
55°	455.2	457.6	467.3	481.5	494.0	498.7	492.6	479.8	459.9	427.6	409.7
57.5°	437.7	438.4	448.5	465.3	478.1	481.2	476.1	460.9	441.7	408.7	387.5
60°	412.4	413.8	426.6	441.4	455.2	459.3	452.9	437.7	417.5	384.5	362.9
62.5°	384.5	386.5	397.9	413.1	426.2	432.6	424.9	409.1	389.2	355.5	336.6
65°	350.8	351.4	363.9	381.1	394.2	396.6	389.8	374.3	354.5	322.1	305.3
67.5°	312.0	315.4	327.5	340.3	351.8	354.5	349.8	331.9	316.1	287.4	270.9
70°	274.6	272.9	283.0	295.8	306.3	308.6	303.3	286.7	271.9	245.0	232.2
72.5°	229.5	228.1	238.9	248.7	258.8	257.4	252.0	238.9	226.1	203.2	191.4
75°	184.0	182.6	191.0	199.5	204.5	205.2	201.5	191.7	177.9	160.1	151.0
77.5°	139.5	140.8	144.6	151.6	156.3	158.4	152.0	142.2	133.4	119.6	112.9
80°	99.4	99.7	101.1	106.1	109.5	109.5	106.5	98.7	89.0	79.2	75.8
82.5°	62.7	64.0	64.0	69.1	69.1	66.4	65.0	60.0	54.9	47.2	42.5
85°	34.4	33.7	35.7	36.1	35.7	33.7	31.7	28.6	25.3	19.9	17.9
87.5°	15.2	14.8	14.8	14.8	14.5	13.1	11.1	8.8	6.1	3.7	2.7
90°	11.8	11.8	11.5	10.8	9.8	8.8	7.1	5.4	3.4	1.3	0.7
92.5°	10.8	10.8	10.4	10.1	9.1	8.1	6.4	4.7	3.0	1.3	0.7
95°	9.4	9.1	9.1	8.4	7.7	6.7	5.7	4.0	2.7	1.0	0.7
97.5°	7.7	7.4	7.4	7.1	6.4	5.4	4.7	3.4	2.4	1.0	0.7
100°	5.7	6.1	5.7	5.4	5.1	4.4	3.7	2.7	1.7	0.7	0.7
102.5°	4.4	4.4	4.0	4.0	3.7	3.4	2.7	2.0	1.3	0.7	0.3
105°	3.0	3.0	3.0	2.7	2.7	2.4	2.0	1.3	1.0	0.7	0.3
107.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.3	1.0	0.7	0.3	0.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
110°	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.3	0.3	0.3
112.5°	0.3	0.3	0.7	0.7	0.7	0.7	0.7	0.3	0.3	0.3	0.3
115°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
117.5°	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
120°	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
122.5°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
125°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
127.5°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
135°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
137.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
140°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
142.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
145°	0.3	0.3	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
147.5°	0.3	0.3	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.3	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
152.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
155°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
160°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
162.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
165°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
167.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
170°	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3
172.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	521.9	521.9	521.9	521.9	521.9	521.9	521.9	521.9	521.9	521.9
2.5°	521.3	520.2	520.9	520.6	520.9	520.2	520.2	520.2	520.6	519.9
4°	520.9	520.2	520.2	520.2	520.2	519.6	519.6	519.6	519.2	519.6
5°	520.2	519.9	519.6	519.2	519.6	518.9	518.6	518.6	518.6	518.9
7.5°	518.9	517.9	517.9	516.9	517.2	516.9	516.5	516.9	516.5	516.5
10°	516.5	515.9	515.5	514.9	514.9	514.2	513.8	513.8	513.8	513.5
12.5°	514.2	513.5	513.2	512.5	512.2	511.5	511.2	511.5	510.8	510.8
15°	511.5	510.8	510.5	510.5	509.8	509.1	508.8	508.1	508.1	508.1
17.5°	509.1	508.5	508.8	508.1	507.8	507.1	507.1	505.8	505.8	505.4
20°	506.8	506.1	506.1	505.8	505.8	505.1	504.1	503.4	503.1	503.1
22.5°	503.7	502.7	501.0	498.7	497.3	496.3	496.0	495.0	494.6	494.0
25°	499.0	496.3	492.6	488.6	484.5	482.5	481.8	480.5	480.5	480.5
27.5°	493.3	488.2	483.2	477.1	471.1	467.0	464.3	463.0	462.3	462.3
30°	485.9	479.5	472.4	464.7	457.9	450.5	445.8	443.1	441.7	442.1
32.5°	479.1	471.1	463.0	453.2	444.1	435.3	427.3	423.2	421.5	420.8
35°	472.4	463.3	453.5	443.1	431.3	418.5	407.7	401.6	398.3	398.6
37.5°	467.3	456.6	445.8	433.0	419.5	404.0	390.2	380.4	376.4	377.0
40°	462.0	449.8	438.0	423.2	407.4	388.8	371.0	357.8	353.1	352.1
42.5°	456.9	442.7	429.3	413.4	393.6	372.7	350.8	335.3	328.2	327.2
45°	450.5	434.7	420.2	402.0	380.1	354.1	328.5	308.3	300.9	297.9
47.5°	442.1	424.6	408.4	387.5	363.6	334.3	302.2	277.3	267.9	265.5
50°	429.6	409.4	392.9	369.3	340.3	308.0	272.3	241.6	229.1	227.4
52.5°	413.1	392.5	374.0	347.1	311.7	273.6	233.2	201.5	187.0	186.0
55°	393.2	371.0	350.8	320.4	279.0	234.9	192.7	152.6	138.5	136.8
57.5°	370.0	347.1	325.2	287.8	239.9	190.7	141.9	103.4	90.0	86.6
60°	344.4	320.8	296.2	250.7	187.3	135.1	85.9	54.9	44.8	41.4
62.5°	319.4	293.8	267.9	206.5	128.4	77.2	39.1	15.8	10.1	9.8
65°	290.1	265.9	239.2	166.5	81.2	34.7	11.5	0.3	0.0	0.0
67.5°	256.1	235.5	211.9	148.9	71.8	30.3	9.8	0.3	0.0	0.0
70°	219.7	203.5	182.6	128.0	61.7	25.6	8.4	0.0	0.0	0.0
72.5°	181.3	167.5	152.0	106.5	51.2	21.2	6.7	0.0	0.0	0.0
75°	142.2	133.4	119.6	84.2	39.8	16.2	5.1	0.0	0.0	0.0
77.5°	105.5	98.4	88.3	62.0	30.0	11.8	3.7	0.0	0.0	0.0
80°	71.1	65.7	60.0	42.1	20.2	7.7	2.4	0.0	0.0	0.0
82.5°	41.4	37.4	33.7	23.9	11.1	4.4	1.0	0.0	0.0	0.0
85°	16.8	15.5	14.8	10.1	4.4	1.3	0.3	0.0	0.0	0.0
87.5°	2.0	1.7	1.7	1.0	0.3	0.0	0.0	0.0	0.0	0.0
90°	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
95°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
97.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0
100°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
102.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
105°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
107.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
110°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
112.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
115°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
117.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
120°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
122.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
125°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
127.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
130°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
135°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
137.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0
140°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0
142.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0
145°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
147.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.3
150°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
152.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
155°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
157.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
160°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
162.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
165°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
167.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
170°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
172.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
175°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
177.5°	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

(END OF REPORT)