

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: P1245514

Luminaire Tested: **TT-D7-AMB-U-RW-CG-HSS**

Issue Date: 2/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1245514
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2010-017-5)
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-RW-CG-HSS
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
NARROW BAND AMBER LEDS AND RECTANGULAR DISTRIBUTION WITH CLEAR GLASS AND
HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1170 lumens
Efficiency: N/A
Efficacy: 23.8 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U1 - G1

Input Watts (W): 49.1
Input Voltage (V): 120.0
Input Current (Ain): 0.417
Voltage Rise (V): NR
Power Factor: 0.979
Total Harmonic Distortion (THDi): 13.88%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



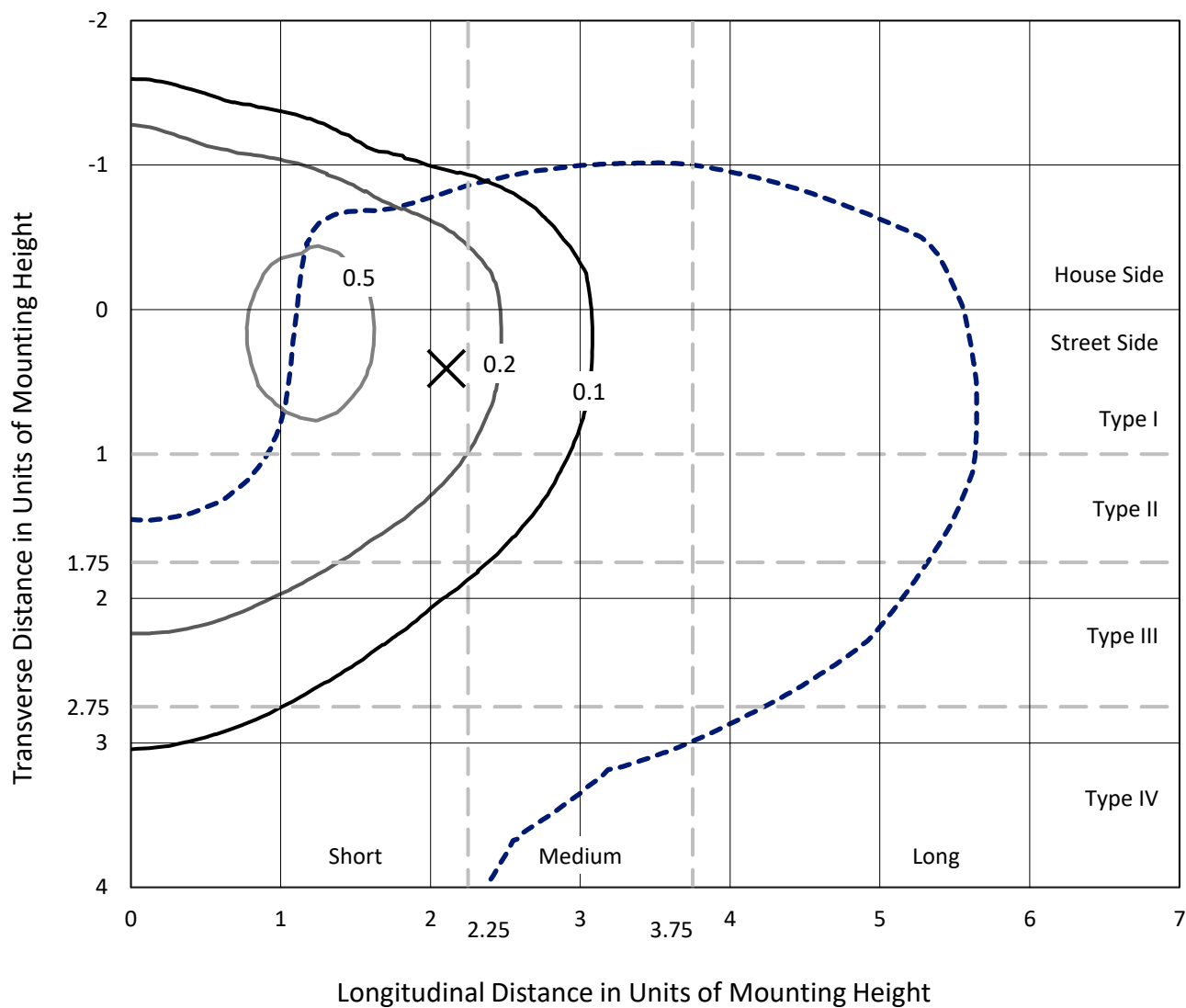
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Iso-Footcandle Lines of Horizontal Illumination

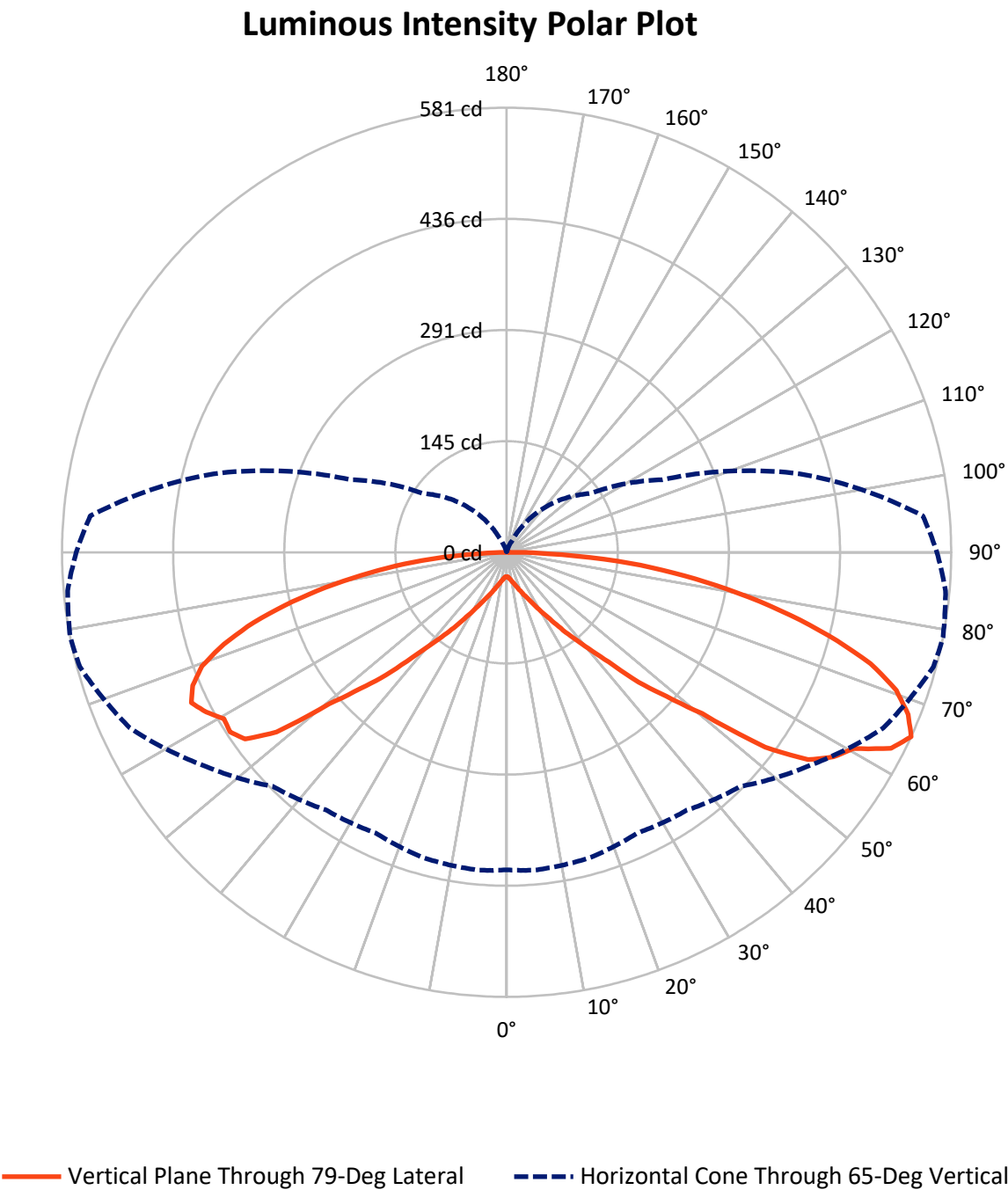
✕ Max cd

--- 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 0.7 fc
 Type IV - Short - N/A

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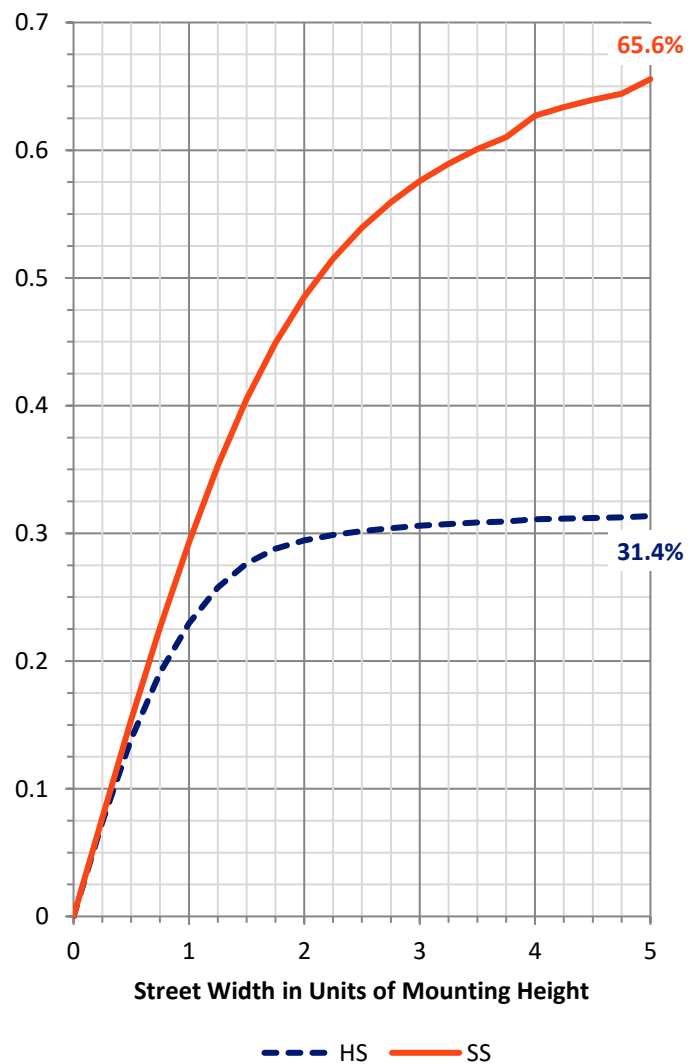
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	369.5	0.5	370.0
	% Fixture	31.6	0.0	31.6
Street Side	Lumens	794.9	5.2	800.1
	% Fixture	67.9	0.4	68.4
Total	Lumens	1164.4	5.7	1170.0
	% Fixture	99.5	0.5	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.3
10°-20°	12.6	1.1
20°-30°	29.1	2.5
30°-40°	62.3	5.3
40°-50°	133.4	11.4
50°-60°	251.9	21.5
60°-70°	313.1	26.8
70°-80°	268.0	22.9
80°-90°	90.7	7.7
90°-100°	3.9	0.3
100°-110°	1.1	0.1
110°-120°	0.3	0.0
120°-130°	0.1	0.0
130°-140°	0.1	0.0
140°-150°	0.1	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	1164.4	99.5
0°-180°	1170.0	100.0

Coefficient of Utilization



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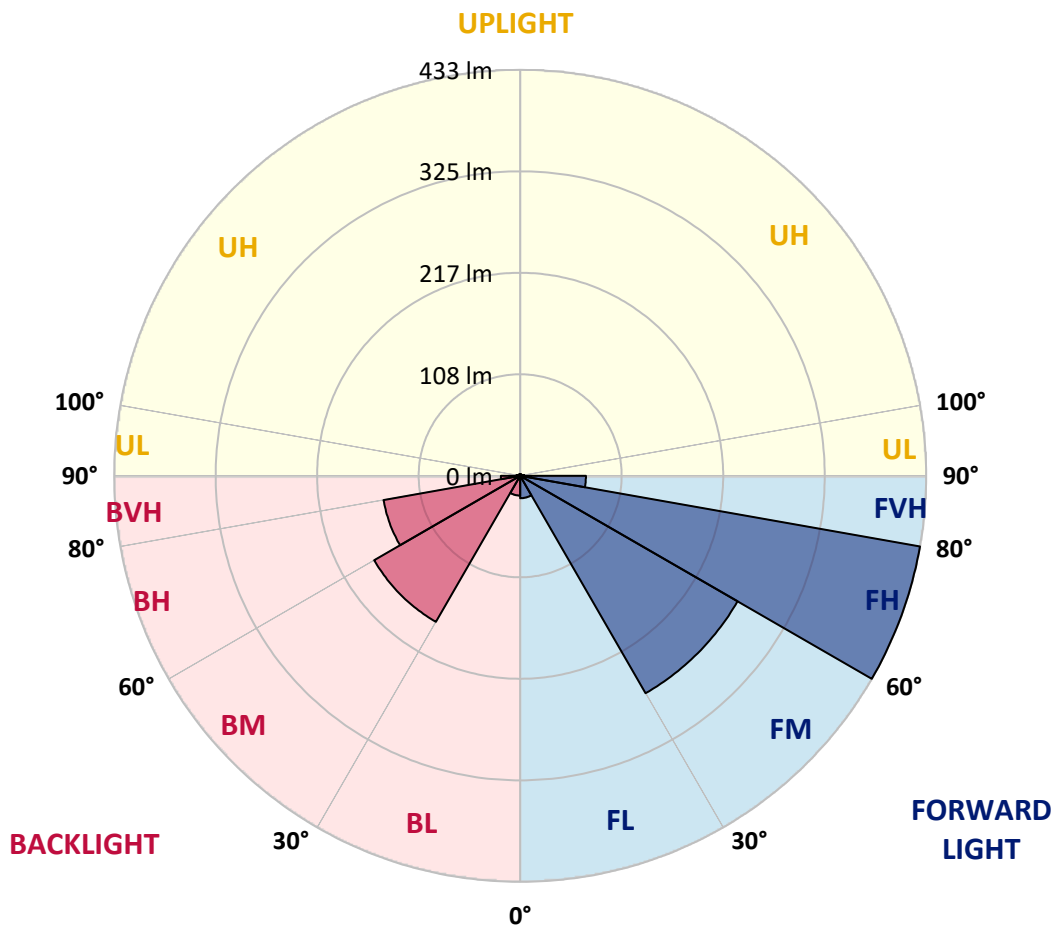
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	23.9	2.0			
FM	(30°-60°)	267.8	22.9			
FH	(60°-80°)	433.1	37.0			G0/660
FVH	(80°-90°)	70.1	6.0			G1/100
BL	(0°-30°)	21.1	1.8	B0/110		
BM	(30°-60°)	179.8	15.4	B0/220		
BH	(60°-80°)	148.0	12.7	B1/500		G1/500
BVH	(80°-90°)	20.5	1.8			G1/100
UL	(90°-100°)	3.9	0.3		U1/10	
UH	(100°-180°)	1.7	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°	79°	85°
0°	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
2.5°	33.5	33.5	33.5	33.2	33.2	33.2	32.9	32.7	32.4	32.4	32.4
5°	35.3	35.3	35.3	35.3	35.0	34.7	34.4	34.1	33.8	33.8	33.5
7.5°	37.6	37.3	37.6	37.3	37.3	37.0	36.7	36.4	35.9	35.9	35.6
10°	39.9	39.9	39.9	39.9	39.9	39.6	39.4	39.1	38.8	38.5	38.2
12.5°	42.9	42.9	42.9	42.6	42.9	42.6	42.3	42.3	42.0	41.4	41.4
15°	45.8	45.8	45.8	45.8	46.1	46.1	46.1	45.8	45.8	45.5	45.2
17.5°	49.3	49.0	49.3	49.3	49.6	49.9	50.1	50.4	50.4	50.1	50.1
20°	53.1	52.8	53.1	53.1	53.6	54.2	55.1	55.7	56.0	55.4	55.4
22.5°	57.1	56.9	57.4	57.4	58.3	59.2	60.6	61.2	62.1	61.8	61.8
25°	62.1	61.8	62.1	62.4	63.6	65.0	66.8	68.2	69.1	69.1	69.4
27.5°	67.6	67.6	67.9	68.2	69.4	71.7	74.3	77.0	79.0	78.7	79.0
30°	75.2	75.2	75.8	76.1	77.6	80.2	83.7	87.2	90.1	90.1	90.7
32.5°	83.7	83.4	84.3	84.5	86.0	89.5	94.5	100.0	103.8	103.8	104.4
35°	93.9	93.6	94.5	94.5	96.2	101.2	107.6	115.2	121.6	121.9	122.7
37.5°	106.7	106.1	106.1	107.0	109.0	115.5	124.2	134.7	141.4	142.0	143.4
40°	121.9	121.6	122.2	121.9	124.5	132.4	143.4	155.7	163.6	165.0	166.8
42.5°	140.5	141.1	140.2	140.2	143.4	152.5	165.6	179.9	194.2	195.9	196.8
45°	163.3	164.4	163.3	163.0	165.9	176.4	194.5	219.5	236.1	242.0	243.7
47.5°	190.7	191.3	189.8	189.2	192.4	205.8	229.2	257.1	276.7	281.0	285.7
50°	221.3	220.4	219.2	218.4	224.5	241.1	268.2	297.1	330.6	331.2	332.9
52.5°	252.8	250.1	250.4	250.1	258.6	276.7	312.8	361.8	412.8	423.3	424.5
55°	284.3	281.0	280.8	283.7	295.6	321.6	367.1	430.6	472.0	478.4	477.5
57.5°	315.7	314.3	313.7	316.3	333.8	364.7	416.0	469.7	505.0	504.4	498.2
60°	348.4	349.6	347.5	352.5	370.6	401.5	438.8	491.0	523.6	521.0	514.9
62.5°	381.9	384.8	382.8	383.4	395.0	417.8	454.5	515.2	560.3	564.1	557.1
65°	415.2	417.2	414.0	405.0	411.4	432.6	485.1	543.4	577.8	581.3	576.1
67.5°	443.1	445.2	434.1	419.8	420.7	436.1	482.2	537.9	568.5	566.2	557.7
70°	467.1	463.3	445.2	420.7	410.5	417.8	461.2	510.5	541.7	540.5	530.6
72.5°	474.9	470.0	439.4	401.5	381.3	384.0	426.2	470.3	495.6	497.7	485.7
75°	462.4	453.9	411.9	364.4	338.5	340.2	376.4	416.9	437.3	435.0	425.7
77.5°	417.2	408.7	363.3	312.5	287.2	289.8	318.4	350.1	367.1	366.2	359.8
80°	346.4	338.8	298.8	251.6	228.6	230.0	251.9	277.0	290.1	293.0	289.5
82.5°	256.0	250.7	222.4	184.3	165.6	165.3	181.9	201.2	214.0	220.1	217.8
85°	158.3	155.7	139.9	115.2	102.0	101.7	111.7	125.9	137.6	145.8	140.5
87.5°	63.0	62.1	57.4	46.4	40.5	38.5	36.2	45.2	46.1	54.5	54.2
90°	15.5	15.2	14.9	14.0	12.5	10.8	8.7	6.4	4.1	3.2	1.7
92.5°	13.7	13.7	13.4	12.5	11.4	9.6	7.9	5.8	3.8	2.9	1.5
95°	11.1	11.1	10.8	10.2	9.0	7.9	6.1	4.7	2.9	2.3	1.2
97.5°	8.5	8.2	8.2	7.6	7.0	5.8	4.7	3.5	2.3	1.7	0.9
100°	6.1	6.1	5.8	5.5	5.0	4.4	3.5	2.6	1.5	1.2	0.6
102.5°	4.4	4.1	4.1	4.1	3.5	2.9	2.3	1.7	1.2	0.9	0.3
105°	2.9	2.6	2.6	2.6	2.3	2.0	1.5	1.2	0.6	0.6	0.3
107.5°	1.7	1.7	1.7	1.7	1.5	1.2	0.9	0.6	0.3	0.3	0.3
110°	0.9	0.9	0.9	1.2	0.9	0.9	0.6	0.3	0.3	0.3	0.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
112.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.3	0.3	0.3	0.3	0.3
115°	0.3	0.3	0.3	0.6	0.6	0.3	0.3	0.0	0.0	0.3	0.3
117.5°	0.0	0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.3
120°	0.0	0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.3
122.5°	0.0	0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.3
125°	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.3
127.5°	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.3
130°	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.3
132.5°	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.3
135°	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.3	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	0.3	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.3	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	0.3	0.0	0.3	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°	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
2.5°	32.1	32.1	32.1	31.8	31.8	31.8	31.5	31.5	31.2	31.2	31.2
5°	33.2	33.2	32.9	32.9	32.7	32.4	32.4	32.1	32.1	31.8	31.8
7.5°	35.3	35.3	35.0	34.7	34.1	33.8	33.5	33.2	33.2	32.9	32.9
10°	37.9	37.9	37.3	36.7	36.2	35.6	35.3	34.7	34.4	34.4	34.4
12.5°	41.1	40.8	40.2	39.4	38.8	37.9	37.3	36.7	36.2	36.2	36.2
15°	44.9	44.9	43.7	42.9	41.7	40.5	39.6	38.8	38.2	37.9	37.9
17.5°	49.6	49.6	48.1	46.6	45.2	43.7	42.6	41.4	40.8	40.5	40.5
20°	54.8	54.8	53.4	51.6	49.6	47.5	45.8	44.3	43.4	43.1	43.1
22.5°	61.2	61.2	59.2	56.9	54.2	51.3	49.0	47.2	46.4	45.8	45.8
25°	68.5	67.9	65.9	63.0	59.2	55.7	52.5	50.7	49.6	48.7	49.0
27.5°	78.4	77.6	74.9	70.0	65.3	60.6	56.9	54.5	53.1	52.5	52.8
30°	89.8	88.9	85.1	79.6	72.6	66.5	61.8	59.2	57.7	56.9	57.1
32.5°	103.5	102.3	97.7	90.1	81.9	73.2	67.3	64.1	62.7	61.8	61.5
35°	121.6	120.1	114.3	103.8	92.4	81.9	73.8	69.7	68.2	67.3	67.6
37.5°	142.0	139.9	132.1	119.2	105.0	91.5	82.2	77.0	75.2	73.8	73.8
40°	165.3	163.0	152.8	135.9	118.7	102.0	90.1	84.3	82.2	82.2	82.2
42.5°	194.5	192.1	180.5	155.7	132.9	113.4	99.1	92.4	90.4	91.0	91.0
45°	239.6	236.4	217.8	185.1	151.6	125.1	108.5	100.9	99.4	100.9	100.9
47.5°	281.0	277.0	249.6	212.5	170.0	136.7	117.8	109.0	108.5	111.7	111.7
50°	327.4	322.2	293.3	234.7	184.8	149.6	126.2	115.7	116.0	120.7	122.2
52.5°	417.2	411.7	361.8	274.9	200.9	154.2	129.7	117.2	117.2	122.4	124.5
55°	470.5	459.2	394.2	301.2	207.6	159.8	128.3	111.4	110.8	116.6	118.4
57.5°	488.0	476.4	400.9	293.6	203.2	152.8	119.8	95.6	94.5	102.0	101.5
60°	502.3	486.9	390.1	268.2	178.4	137.9	103.5	71.1	66.2	72.9	72.6
62.5°	542.6	525.9	390.7	238.5	149.3	115.2	77.8	39.9	29.7	35.0	32.7
65°	562.7	546.4	396.8	224.5	134.4	95.3	55.7	16.3	1.2	1.2	0.6
67.5°	545.5	530.9	388.9	221.0	132.4	94.8	56.6	16.0	0.0	0.0	0.0
70°	520.4	506.4	370.8	208.7	125.7	91.3	55.4	16.0	0.0	0.0	0.0
72.5°	476.4	462.1	339.6	191.3	115.5	83.7	51.3	15.2	0.0	0.0	0.0
75°	418.4	407.6	300.0	168.5	101.7	73.8	45.5	13.4	0.0	0.0	0.0
77.5°	354.2	341.4	251.6	140.2	85.1	61.2	38.5	11.1	0.0	0.0	0.0
80°	284.3	274.9	198.2	109.9	65.9	47.8	30.0	8.5	0.0	0.0	0.0
82.5°	211.4	203.5	146.6	78.7	46.9	33.2	20.7	5.5	0.0	0.0	0.0
85°	138.8	136.7	94.2	47.8	28.0	18.4	11.1	2.6	0.0	0.0	0.0
87.5°	50.1	51.9	34.4	13.7	7.6	3.2	1.5	0.3	0.0	0.0	0.0
90°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
92.5°	0.3	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	0.0
97.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
100°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
102.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
105°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
107.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
110°	0.3	0.3	0.3	0.3	0.3	0.3	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°
112.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
115°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
117.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
120°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
122.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
125°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
127.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
130°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
132.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
135°	0.3	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	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	0.0
147.5°	0.0	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.3	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.3	0.3	0.3	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)