

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: INVUE

Report Number: P678268

Luminaire Tested: **CCW-SA-1-AMB-U-SLR**

Issue Date: 04/26/2023

Test Information

Test Method: LM-79-08
Report Number: P678268
Test Lab: INNOVATION CENTER(G1)
Issue Date: 04/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCW-SA-1-AMB-U-SLR
Description: INVUE CLEAR CURVE Wall Pack MOUNT LIGHT SQUARE LUMINAIRE @500mA w/
SLR distribution lens
Light Source: (16) 1620 CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

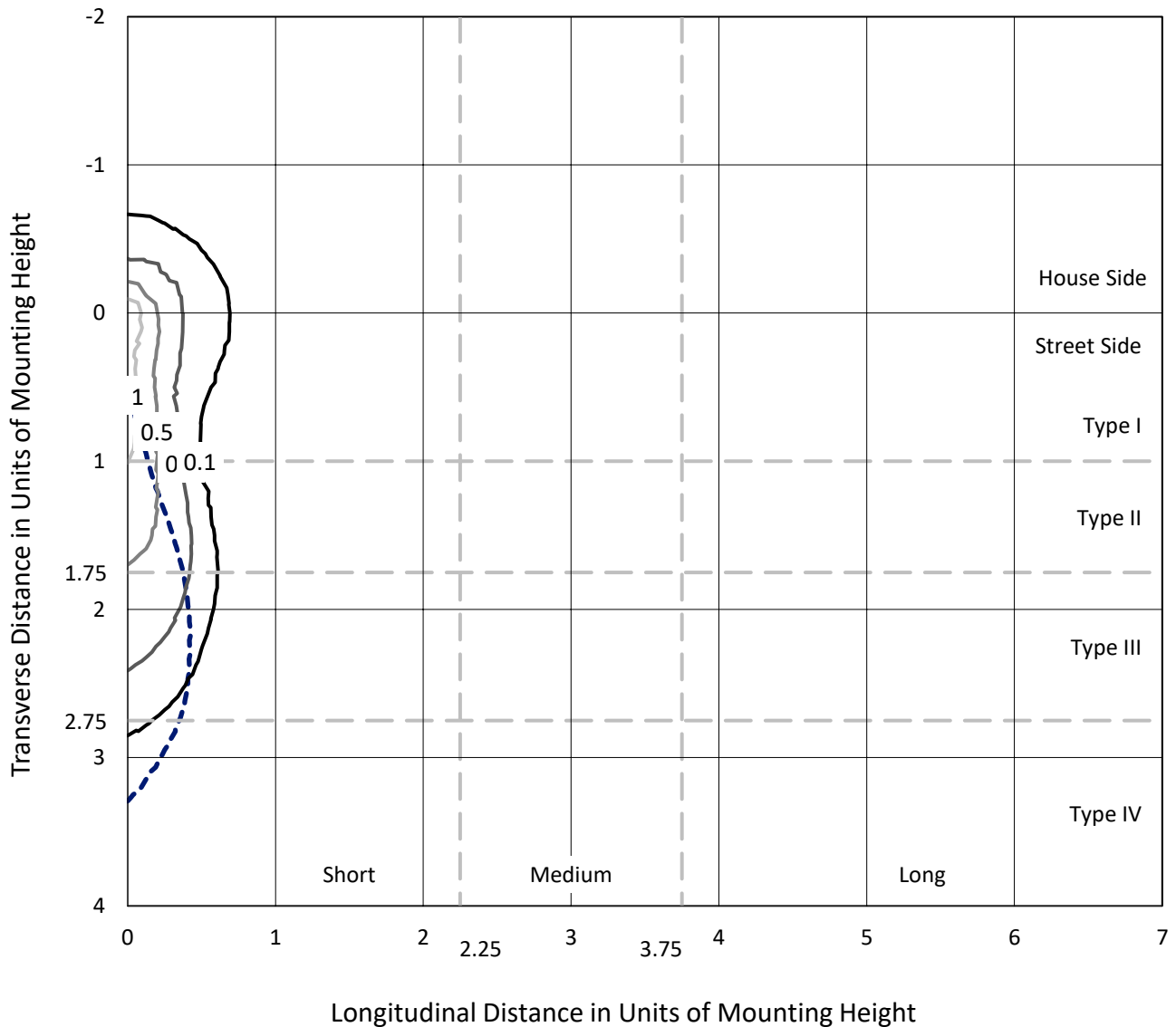
Lumens per Lamp: N/A
Luminaire Lumens: 1082.4 lumens
Efficiency: N/A
Efficacy: 47.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 22.6
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: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

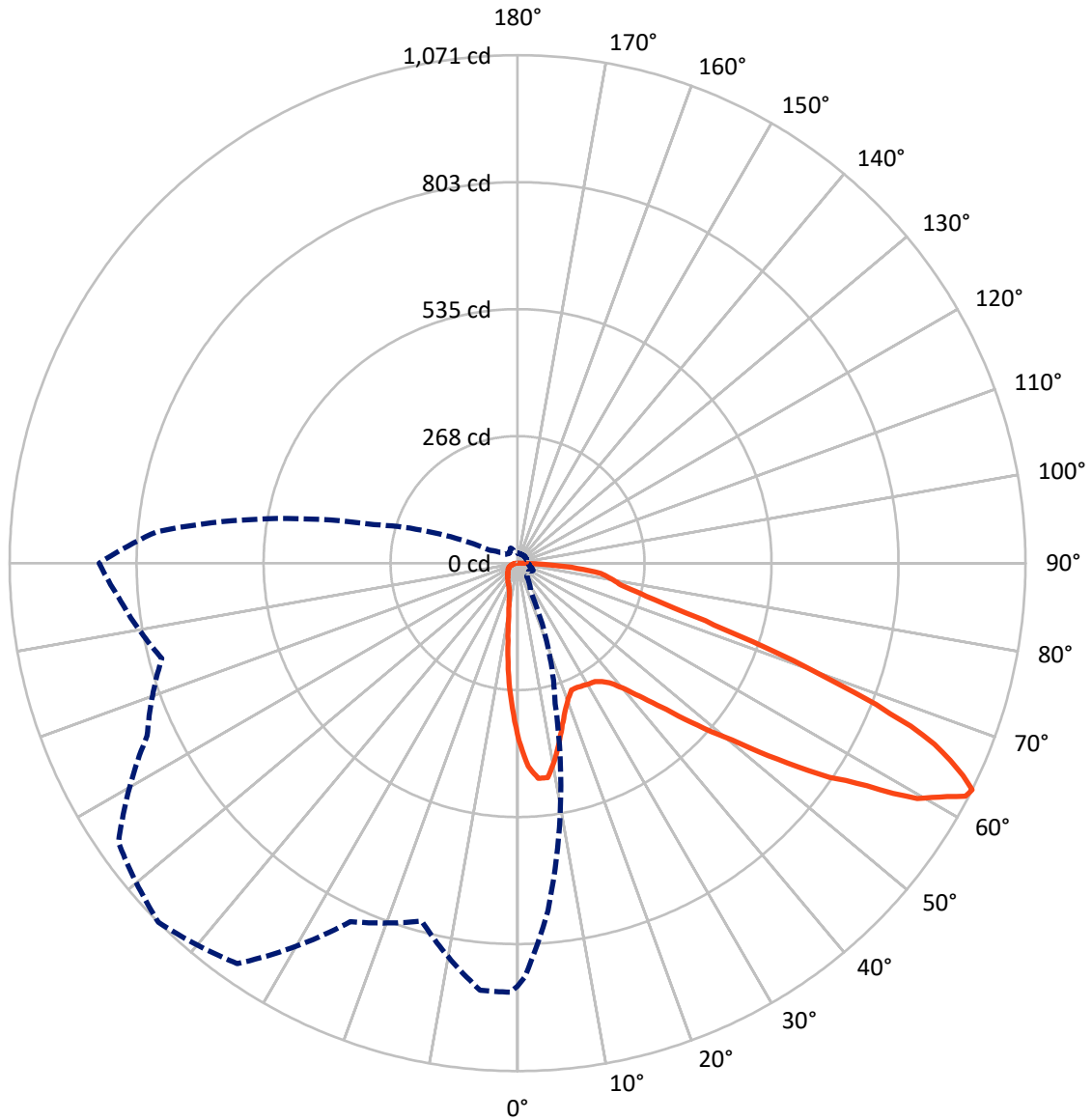
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 1.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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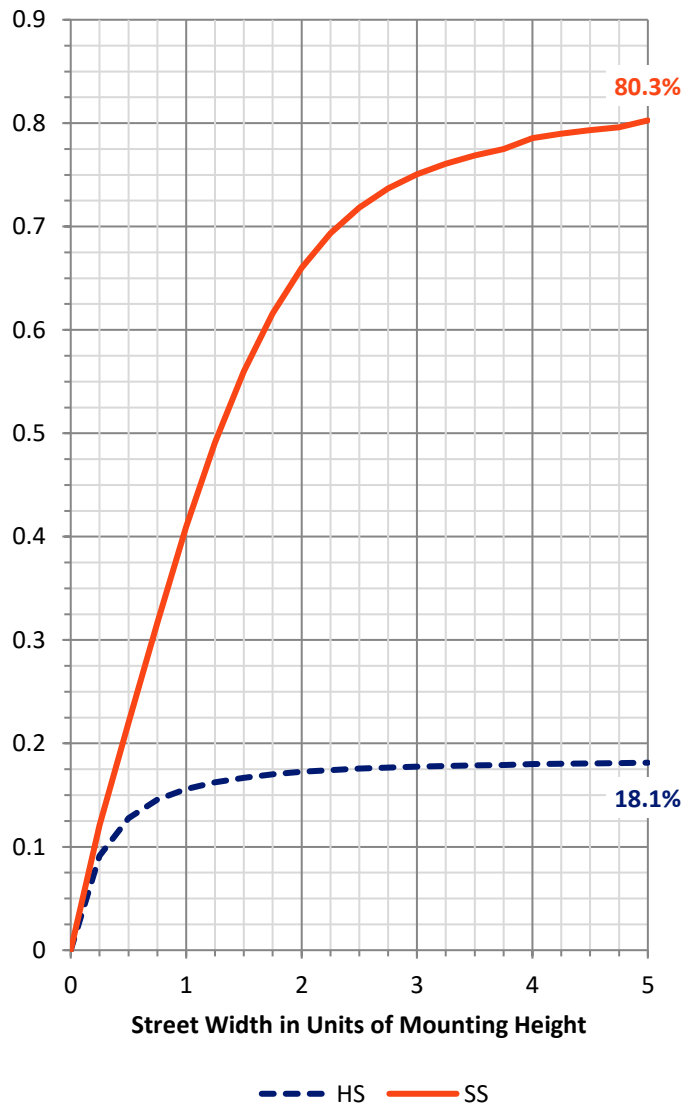
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	198.5	0.0	198.5
	% Fixture	18.3	0.0	18.3
Street Side	Lumens	883.9	0.0	883.9
	% Fixture	81.7	0.0	81.7
Total	Lumens	1082.4	0.0	1082.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	2.5
10°-20°	50.7	4.7
20°-30°	73.4	6.8
30°-40°	106.5	9.8
40°-50°	145.8	13.5
50°-60°	219.8	20.3
60°-70°	280.0	25.9
70°-80°	141.1	13.0
80°-90°	38.6	3.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	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°	1082.4	100.0
0°-180°	1082.4	100.0



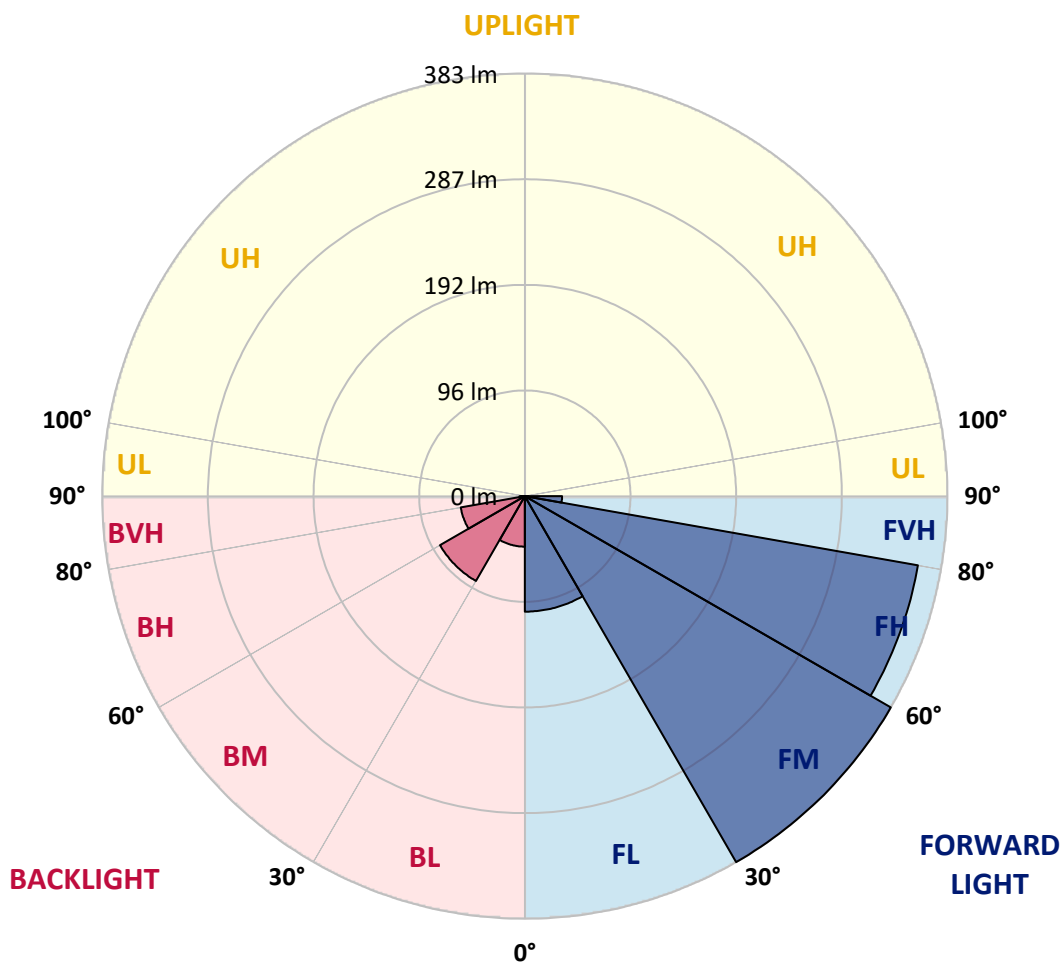
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	104.8	9.7			
FM (30°-60°)	383.3	35.4			
FH (60°-80°)	362.0	33.4			G0/660
FVH (80°-90°)	33.8	3.1			G1/100
BL (0°-30°)	45.8	4.2	B0/110		
BM (30°-60°)	88.9	8.2	B0/220		
BH (60°-80°)	59.0	5.5	B0/110		G0/110
BVH (80°-90°)	4.8	0.4			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
2.5°	396.9	389.4	393.9	372.8	369.0	353.9	339.6	332.0	322.2	320.7	311.7
5°	366.8	363.7	357.7	333.6	313.2	290.5	267.1	251.3	236.2	230.2	219.6
7.5°	337.3	332.8	323.7	289.8	255.1	237.0	215.8	202.2	185.6	173.6	167.5
10°	304.9	298.8	287.5	251.3	223.4	208.3	191.7	178.1	163.8	147.9	135.1
12.5°	289.0	287.5	267.9	230.9	208.3	189.4	167.5	151.7	133.6	115.5	104.1
15°	290.5	289.0	268.7	221.9	191.7	169.0	140.4	114.7	98.9	83.8	76.2
17.5°	312.4	306.4	280.0	215.1	174.3	141.1	109.4	86.0	70.9	64.1	61.1
20°	330.5	326.8	293.6	209.8	154.7	114.7	82.3	65.7	60.4	57.4	55.8
22.5°	362.2	355.4	309.4	205.3	135.8	92.1	65.7	58.1	55.1	52.1	51.3
25°	402.2	393.2	344.1	204.5	114.0	72.4	58.9	53.6	50.6	49.1	47.5
27.5°	445.2	441.5	384.1	209.8	99.6	65.7	57.4	51.3	47.5	46.0	46.0
30°	475.4	475.4	421.1	205.3	83.0	63.4	55.8	52.1	48.3	45.3	45.3
32.5°	502.6	504.1	447.5	202.2	76.2	57.4	49.8	48.3	48.3	45.3	45.3
35°	532.0	528.3	476.2	195.5	75.5	54.3	46.8	43.0	39.2	37.7	37.0
37.5°	550.1	547.1	490.5	181.9	78.5	52.1	44.5	41.5	37.7	35.5	34.7
40°	581.1	584.1	510.9	177.3	78.5	51.3	42.3	39.2	36.2	34.0	32.5
42.5°	618.8	606.7	526.7	173.6	77.7	49.8	41.5	38.5	34.7	33.2	30.9
45°	644.5	630.1	540.3	182.6	76.2	46.8	41.5	37.7	34.7	31.7	30.2
47.5°	660.3	655.8	570.5	200.0	74.7	44.5	40.0	37.7	34.0	30.9	28.7
50°	684.5	689.0	606.7	220.4	74.0	42.3	39.2	40.0	34.0	30.2	27.2
52.5°	723.0	721.4	643.0	249.0	72.4	40.8	38.5	40.0	34.0	29.4	26.4
55°	764.5	770.5	705.6	272.4	71.7	39.2	34.7	39.2	33.2	28.7	24.9
56°	788.6	779.6	717.7	286.8	69.4	38.5	34.0	38.5	33.2	27.9	24.9
57°	809.0	807.5	729.7	297.3	68.7	38.5	33.2	37.0	33.2	27.9	24.9
58°	833.1	825.6	738.8	300.4	67.9	38.5	32.5	35.5	33.2	27.9	24.9
59°	852.0	833.9	752.4	306.4	66.4	37.7	32.5	33.2	34.0	27.9	24.1
60°	871.6	857.3	765.2	317.0	64.9	37.0	30.9	31.7	34.7	27.2	23.4
61°	877.7	870.9	761.4	315.4	63.4	36.2	30.9	30.9	37.0	27.9	23.4
62°	888.2	876.9	746.4	317.7	62.6	35.5	29.4	30.2	37.0	27.2	23.4
63°	892.0	872.4	735.0	307.1	64.9	34.0	29.4	29.4	36.2	27.2	23.4
64°	882.9	855.0	729.0	298.1	64.9	34.0	28.7	28.7	34.0	26.4	22.6
65°	864.8	837.7	712.4	290.5	67.9	32.5	27.9	28.7	31.7	26.4	22.6
66°	849.7	824.1	681.5	270.2	69.4	32.5	27.2	27.2	29.4	25.7	22.6
67°	815.8	804.5	646.0	257.3	70.9	30.9	26.4	27.2	28.7	25.7	21.9
67.5°	799.2	769.7	633.2	252.1	73.2	30.9	26.4	27.2	27.9	24.9	21.9
68°	786.3	753.1	609.8	246.8	73.2	30.2	25.7	26.4	27.2	24.9	21.9
69°	735.8	704.1	572.0	233.9	76.2	30.2	24.9	25.7	26.4	24.9	21.1
70°	672.4	648.2	516.2	223.4	77.7	30.2	24.9	25.7	25.7	23.4	21.1
71°	592.4	579.6	458.8	209.8	77.7	29.4	23.4	24.9	25.7	23.4	20.4
72°	530.5	499.6	398.5	193.9	79.2	29.4	22.6	24.1	24.1	22.6	19.6
72.5°	495.8	462.6	378.1	188.7	77.7	29.4	21.9	23.4	24.1	21.9	19.6
73°	446.8	433.2	344.9	181.9	77.7	29.4	21.9	23.4	24.1	21.9	18.9
74°	392.4	372.8	298.8	165.3	75.5	27.9	21.1	22.6	22.6	21.1	18.1
75°	331.3	311.7	261.1	149.4	72.4	27.2	20.4	21.9	22.6	20.4	17.4



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CANDELA DISTRIBUTION (continued):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
77.5°	221.1	213.6	184.1	107.9	56.6	22.6	17.4	19.6	20.4	18.9	15.1
80°	169.8	161.5	135.1	70.2	38.5	17.4	14.3	15.8	17.4	15.8	12.1
82.5°	113.2	104.9	94.3	45.3	22.6	12.8	11.3	12.1	13.6	12.1	8.3
85°	53.6	54.3	53.6	27.2	12.8	9.1	6.8	8.3	8.3	8.3	3.8
87.5°	8.3	8.3	12.8	13.6	5.3	4.5	2.3	3.8	3.0	3.8	0.8
90°	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°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
2.5°	314.7	309.4	307.1	310.9	312.4	306.4	308.7	318.5	319.2	317.7	319.2
5°	219.6	221.1	219.6	224.1	232.4	239.2	234.7	240.0	240.0	244.5	246.8
7.5°	163.8	160.7	157.0	154.7	160.7	164.5	166.0	171.3	171.3	175.8	172.8
10°	132.8	124.5	120.0	114.7	114.0	114.0	118.5	121.5	128.3	132.1	138.9
12.5°	100.4	98.1	95.1	88.3	83.8	84.5	89.0	91.3	99.6	105.7	110.9
15°	74.7	74.0	71.7	71.7	67.2	68.7	70.9	73.2	74.7	78.5	80.0
17.5°	60.4	59.6	59.6	60.4	58.1	58.9	59.6	60.4	59.6	58.9	59.6
20°	55.1	53.6	53.6	52.8	53.6	54.3	53.6	53.6	52.1	52.1	52.8
22.5°	50.6	49.8	49.8	49.8	50.6	49.8	49.8	49.1	48.3	49.1	49.1
25°	47.5	48.3	46.8	46.0	46.8	46.8	46.8	45.3	45.3	45.3	44.5
27.5°	46.0	46.0	46.8	45.3	44.5	44.5	43.8	43.0	43.8	43.8	43.0
30°	45.3	45.3	44.5	43.0	42.3	41.5	40.8	42.3	42.3	43.8	42.3
32.5°	44.5	44.5	43.8	41.5	39.2	38.5	38.5	39.2	40.8	41.5	41.5
35°	38.5	38.5	38.5	37.0	37.0	37.0	35.5	36.2	35.5	35.5	35.5
37.5°	34.7	34.0	33.2	34.0	34.0	34.0	33.2	32.5	30.9	31.7	31.7
40°	31.7	31.7	30.9	30.2	32.5	33.2	32.5	30.2	30.2	30.2	30.2
42.5°	30.9	30.2	29.4	28.7	30.2	30.9	29.4	28.7	27.9	27.9	27.9
45°	29.4	28.7	27.9	27.9	28.7	30.2	27.9	27.2	27.2	27.2	27.2
47.5°	27.9	27.2	27.2	26.4	27.2	27.9	26.4	25.7	25.7	26.4	26.4
50°	26.4	26.4	24.9	24.9	25.7	25.7	25.7	24.1	24.9	24.9	25.7
52.5°	25.7	24.9	24.1	24.1	24.1	24.9	24.1	23.4	24.1	24.1	24.9
55°	24.9	24.1	23.4	23.4	23.4	24.1	23.4	22.6	23.4	23.4	24.1
56°	24.1	23.4	23.4	23.4	23.4	23.4	22.6	22.6	22.6	23.4	24.1
57°	24.1	23.4	22.6	22.6	22.6	24.1	23.4	22.6	22.6	22.6	23.4
58°	23.4	22.6	22.6	21.9	21.9	23.4	22.6	21.9	21.9	22.6	23.4
59°	23.4	22.6	21.9	21.9	21.9	22.6	21.9	21.1	21.9	22.6	22.6
60°	22.6	21.9	21.1	21.1	21.9	22.6	21.1	21.1	21.1	21.9	22.6
61°	22.6	21.9	21.1	21.1	21.1	21.9	21.1	21.1	20.4	21.9	21.9
62°	21.9	21.1	20.4	20.4	21.1	21.1	20.4	20.4	20.4	21.1	21.9
63°	21.9	21.1	20.4	20.4	20.4	20.4	20.4	19.6	20.4	20.4	21.1
64°	21.1	21.1	19.6	19.6	19.6	20.4	20.4	19.6	19.6	20.4	21.1
65°	21.1	20.4	19.6	18.9	18.9	19.6	18.9	18.9	19.6	20.4	21.1
66°	21.1	20.4	19.6	18.9	18.9	18.9	18.1	18.9	18.9	19.6	20.4
67°	20.4	19.6	18.9	18.1	18.1	18.1	18.1	18.1	18.1	19.6	20.4
67.5°	20.4	19.6	18.9	18.1	17.4	17.4	17.4	18.1	18.1	18.9	20.4
68°	19.6	19.6	18.9	17.4	17.4	17.4	16.6	17.4	18.1	19.6	20.4
69°	19.6	18.9	18.1	17.4	16.6	16.6	15.8	16.6	18.1	18.9	19.6
70°	19.6	18.9	18.1	16.6	15.8	15.8	15.8	16.6	17.4	18.9	19.6
71°	18.9	18.1	17.4	15.8	15.1	15.8	15.1	15.8	16.6	18.1	18.9
72°	18.1	18.1	16.6	15.1	14.3	14.3	14.3	14.3	15.8	17.4	18.1
72.5°	18.1	17.4	16.6	15.1	13.6	14.3	13.6	14.3	15.8	16.6	17.4
73°	18.1	17.4	15.8	14.3	13.6	13.6	13.6	13.6	15.1	16.6	17.4
74°	17.4	16.6	15.1	13.6	12.8	12.8	12.1	13.6	14.3	15.8	16.6
75°	16.6	15.8	15.1	12.8	12.1	12.1	12.1	12.1	13.6	15.1	15.8



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
77.5°	14.3	13.6	12.8	10.6	9.8	9.8	9.8	10.6	11.3	12.8	13.6
80°	11.3	11.3	9.8	8.3	7.5	7.5	7.5	8.3	9.1	10.6	11.3
82.5°	6.8	7.5	7.5	6.0	6.0	5.3	6.0	6.0	6.8	7.5	6.8
85°	3.0	3.8	4.5	4.5	3.8	3.8	3.8	3.8	3.8	3.0	2.3
87.5°	0.8	0.8	2.3	1.5	1.5	0.8	1.5	0.8	0.8	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



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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
2.5°	327.5	331.3	336.6	342.6	350.9	364.5	373.6	383.4	388.6	398.5	397.7
5°	246.8	255.8	258.8	270.2	289.0	304.1	324.5	344.1	366.8	372.0	383.4
7.5°	178.1	187.9	197.7	204.5	220.4	240.7	257.3	282.2	317.0	329.8	342.6
10°	142.6	154.7	168.3	181.1	194.7	201.5	213.6	234.7	273.2	287.5	307.9
12.5°	114.7	129.8	144.1	157.0	168.3	181.9	194.7	209.8	246.8	267.9	292.1
15°	82.3	94.3	109.4	128.3	146.4	164.5	183.4	204.5	245.3	267.9	288.3
17.5°	60.4	65.7	76.2	95.1	122.3	146.4	169.8	206.0	261.9	287.5	311.7
20°	53.6	55.1	59.6	67.9	93.6	123.8	157.0	204.5	282.2	310.2	340.3
22.5°	49.1	49.8	53.6	57.4	69.4	104.9	139.6	205.3	299.6	348.6	374.3
25°	46.0	46.8	48.3	52.8	59.6	81.5	126.8	217.3	338.1	387.1	400.7
27.5°	43.0	43.8	45.3	49.1	55.8	68.7	114.0	228.7	388.6	443.0	440.7
30°	42.3	43.8	46.0	50.6	55.1	64.1	95.1	240.0	425.6	470.1	449.8
32.5°	43.0	43.8	43.8	44.5	47.5	57.4	83.8	246.8	454.3	501.8	467.9
35°	34.0	34.7	36.2	39.2	43.8	55.1	83.0	247.5	476.9	523.0	486.8
37.5°	31.7	33.2	34.0	37.7	40.8	53.6	85.3	239.2	484.5	529.0	498.8
40°	30.2	31.7	33.2	36.2	38.5	51.3	86.8	223.4	495.1	552.4	520.7
42.5°	28.7	30.2	31.7	34.0	37.7	49.1	86.8	209.8	492.0	570.5	540.3
45°	27.9	28.7	30.9	34.0	38.5	46.8	84.5	207.5	510.1	594.7	540.3
47.5°	26.4	27.9	30.2	33.2	37.0	44.5	82.3	212.1	555.4	623.3	533.5
50°	25.7	27.9	30.2	36.2	36.2	41.5	81.5	234.7	594.7	634.7	547.1
52.5°	24.9	27.2	30.9	37.7	35.5	40.0	78.5	265.6	633.2	658.8	572.0
55°	24.9	27.2	30.9	36.2	33.2	37.7	75.5	290.5	683.7	702.6	615.0
56°	24.1	26.4	30.9	37.0	32.5	37.0	74.0	307.1	712.4	739.6	639.9
57°	24.1	26.4	31.7	37.0	30.9	37.0	70.9	313.2	738.8	776.5	660.3
58°	23.4	26.4	31.7	34.7	30.2	35.5	69.4	323.0	754.7	803.0	698.8
59°	23.4	26.4	31.7	33.2	30.2	35.5	67.9	331.3	778.0	830.9	746.4
60°	23.4	26.4	33.2	30.9	29.4	34.7	67.9	329.0	790.1	866.3	782.6
61°	23.4	25.7	34.7	29.4	28.7	33.2	65.7	326.0	778.8	870.9	812.8
62°	22.6	25.7	35.5	27.9	28.7	34.0	64.1	326.0	774.3	870.9	830.9
63°	22.6	25.7	34.7	27.9	27.9	32.5	64.1	313.2	763.0	882.2	843.7
64°	22.6	25.7	33.2	27.2	26.4	31.7	64.9	299.6	723.0	863.3	846.7
65°	21.9	25.7	30.9	26.4	26.4	30.9	65.7	286.0	689.8	852.8	833.1
66°	21.9	24.9	27.9	26.4	25.7	30.2	66.4	266.4	658.8	811.3	832.4
67°	21.9	24.9	27.2	25.7	24.9	30.2	66.4	246.0	608.2	774.3	793.9
67.5°	21.1	24.1	26.4	24.9	24.9	30.2	64.9	240.7	584.9	756.2	781.1
68°	21.1	24.1	25.7	24.9	24.1	29.4	64.9	233.2	569.0	736.5	772.0
69°	21.1	24.1	24.9	24.1	23.4	29.4	65.7	220.4	529.0	671.6	722.2
70°	20.4	23.4	24.9	23.4	22.6	28.7	64.9	209.8	471.7	610.5	667.1
71°	20.4	22.6	23.4	22.6	21.9	28.7	66.4	196.2	422.6	556.2	599.9
72°	19.6	22.6	22.6	22.6	21.1	27.9	66.4	187.2	369.8	495.8	533.5
72.5°	18.9	21.9	22.6	21.9	20.4	27.2	67.2	177.3	332.8	466.4	504.1
73°	18.9	21.1	22.6	21.9	20.4	26.4	67.2	172.1	315.4	434.7	470.1
74°	18.1	21.1	21.1	20.4	18.9	26.4	64.9	160.0	270.2	366.0	409.8
75°	17.4	19.6	20.4	19.6	17.4	24.9	62.6	142.6	236.2	312.4	354.7



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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
77.5°	14.3	17.4	18.1	16.6	15.1	21.1	52.1	104.9	162.3	208.3	234.7
80°	12.1	14.3	14.3	12.8	11.3	15.8	35.5	63.4	114.7	150.2	170.6
82.5°	8.3	10.6	10.6	9.1	7.5	11.3	21.1	38.5	79.2	91.3	112.4
85°	3.0	5.3	4.5	4.5	4.5	6.8	12.1	23.4	49.1	41.5	66.4
87.5°	0.0	1.5	0.8	0.8	0.8	3.0	4.5	12.1	12.8	6.0	12.8
90°	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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3	374.3
2.5°	413.5	418.8	427.9	428.6	430.9	417.3	407.5	396.2	392.4	396.9
5°	415.8	438.5	447.5	455.8	452.0	436.9	404.5	381.9	372.0	366.8
7.5°	384.9	417.3	440.0	456.6	436.2	410.5	382.6	351.7	338.1	337.3
10°	345.6	384.1	421.1	424.9	416.6	390.2	361.5	326.8	309.4	304.9
12.5°	324.5	353.2	379.6	388.6	391.7	372.0	340.3	313.2	295.1	289.0
15°	317.7	336.6	345.6	353.2	359.2	349.4	339.6	313.2	295.1	290.5
17.5°	325.3	325.3	320.0	325.3	332.8	335.8	353.9	340.3	317.0	312.4
20°	344.9	313.2	305.6	304.9	316.2	337.3	365.3	365.3	335.8	330.5
22.5°	357.7	315.4	292.1	290.5	305.6	335.1	378.1	394.7	369.8	362.2
25°	380.3	324.5	292.1	290.5	309.4	350.9	396.9	420.3	409.0	402.2
27.5°	406.0	341.1	297.3	292.8	315.4	362.2	422.6	461.8	455.1	445.2
30°	422.6	347.9	305.6	295.8	323.7	370.5	430.9	477.7	471.7	475.4
32.5°	444.5	366.8	313.2	298.1	334.3	387.1	448.3	483.0	498.8	502.6
35°	461.1	379.6	320.0	306.4	340.3	395.4	463.4	495.8	519.2	532.0
37.5°	464.1	393.2	337.3	321.5	362.2	412.8	473.2	516.2	548.6	550.1
40°	473.2	400.7	352.4	348.6	386.4	434.7	489.8	550.1	572.8	581.1
42.5°	475.4	415.8	383.4	388.6	415.8	452.8	518.4	580.3	610.5	618.8
45°	458.8	433.9	429.4	440.0	461.8	475.4	525.2	603.0	637.7	644.5
47.5°	449.0	449.8	484.5	510.9	511.7	498.8	506.4	603.7	658.1	660.3
50°	448.3	495.1	548.6	586.4	589.4	532.0	506.4	611.3	670.9	684.5
52.5°	484.5	543.3	635.4	686.7	670.9	559.2	523.7	629.4	705.6	723.0
55°	541.1	618.8	749.4	797.7	756.2	625.6	550.9	688.2	749.4	764.5
56°	559.2	649.8	782.6	830.1	799.2	649.0	570.5	695.8	769.0	788.6
57°	589.4	686.0	833.9	873.1	841.4	676.2	599.2	728.2	805.2	809.0
58°	623.3	726.7	878.4	929.0	881.4	706.4	628.6	763.0	816.5	833.1
59°	664.1	770.5	937.3	978.0	922.2	738.1	663.3	802.2	853.5	852.0
60°	686.7	809.0	970.5	1003.7	970.5	763.7	694.3	834.6	879.2	871.6
61°	723.7	823.3	990.1	1030.9	1006.0	787.1	713.1	866.3	886.0	877.7
62°	755.4	848.2	1012.7	1064.8	1023.3	809.0	747.9	890.5	902.6	888.2
63°	776.5	861.8	1027.1	1070.9	1030.9	833.9	781.1	904.1	904.8	892.0
64°	812.0	842.2	1012.0	1040.7	1008.2	846.0	817.3	904.8	904.1	882.9
65°	818.0	833.1	957.7	1002.9	991.6	840.7	838.4	904.8	882.9	864.8
66°	825.6	799.2	901.1	958.4	953.9	814.3	847.5	894.3	867.9	849.7
67°	827.1	752.4	830.1	897.3	876.2	775.0	849.0	876.2	844.5	815.8
67.5°	822.6	714.7	775.0	846.7	817.3	739.6	835.4	858.8	818.8	799.2
68°	815.0	695.0	746.4	812.8	784.1	719.2	830.1	846.7	809.0	786.3
69°	773.5	641.5	645.2	707.9	698.8	658.8	797.7	805.2	753.9	735.8
70°	742.6	581.1	568.3	618.1	606.7	595.4	747.1	751.6	693.5	672.4
71°	686.7	516.9	491.3	523.0	510.1	532.8	690.5	691.3	632.4	592.4
72°	631.6	456.6	420.3	433.9	431.7	472.4	658.1	620.3	553.9	530.5
72.5°	609.8	436.9	379.6	414.3	406.0	452.8	623.3	575.0	522.2	495.8
73°	590.9	403.0	360.7	368.3	370.5	418.1	596.2	548.6	486.8	446.8
74°	538.1	357.0	313.9	318.5	324.5	381.1	535.8	481.5	410.5	392.4
75°	483.7	322.2	283.0	280.0	287.5	338.8	488.3	418.1	348.6	331.3



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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
77.5°	379.6	243.0	227.2	223.4	234.7	252.1	384.1	286.0	234.7	221.1
80°	266.4	193.2	205.3	200.0	210.5	197.0	264.9	208.3	175.1	169.8
82.5°	175.1	147.2	179.6	176.6	181.1	154.7	196.2	150.9	112.4	113.2
85°	126.8	101.1	120.0	114.0	129.8	113.2	155.5	86.0	56.6	53.6
87.5°	89.0	58.1	43.8	21.9	52.1	65.7	111.7	14.3	8.3	8.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)