

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: P181071

Luminaire Tested: **ICM-F02-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181071
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-F02-LED-E1-SLR-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (14) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3606.8 lumens
Efficiency: N/A
Efficacy: 65.6 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

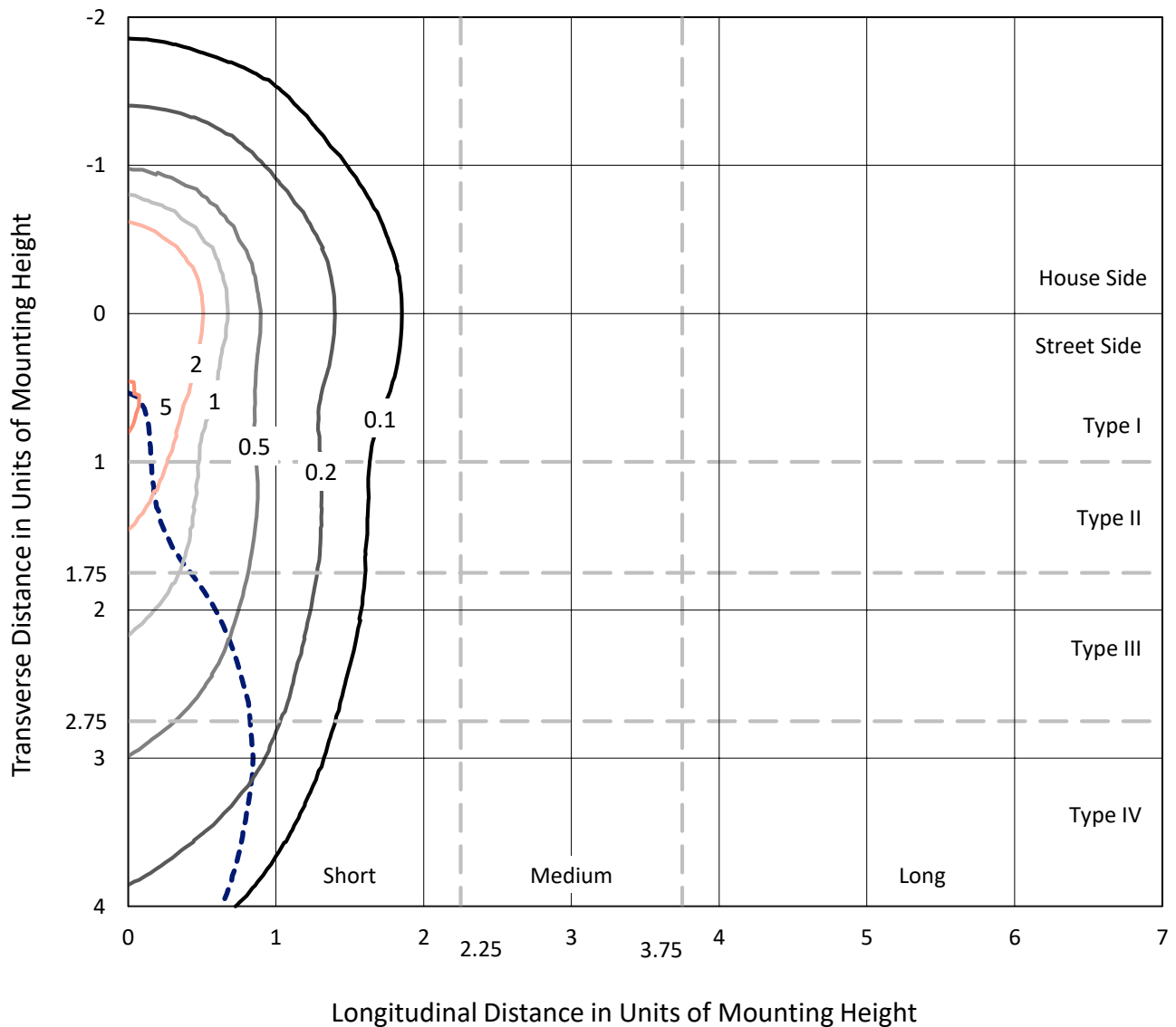
Input Watts (W): 55
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

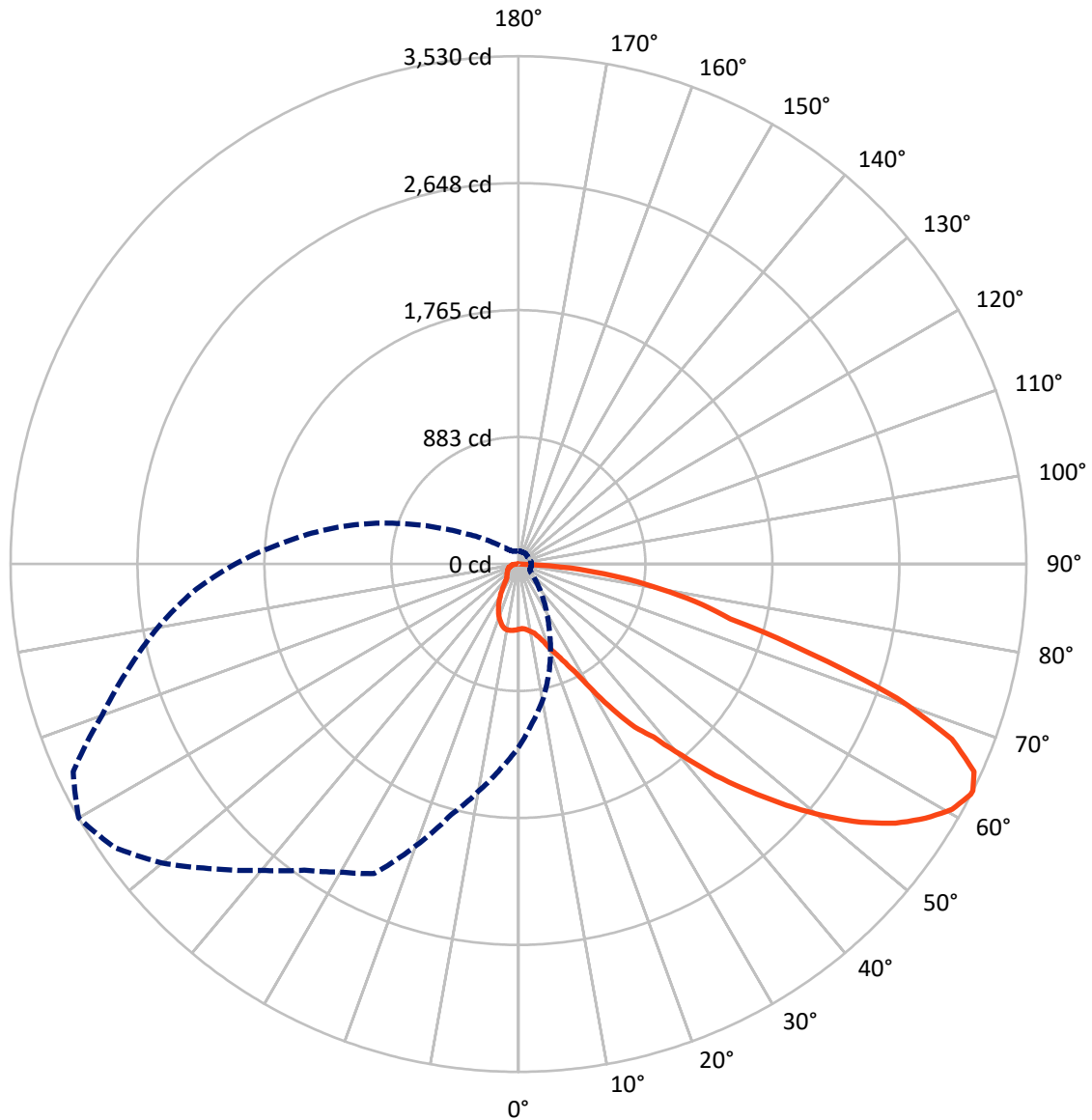
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.7 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	782.1	0.0	782.1
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	2824.7	0.0	2824.7
	% Fixture	78.3	0.0	78.3
Total	Lumens	3606.8	0.0	3606.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.1	1.2
10°-20°	137.4	3.8
20°-30°	244.1	6.8
30°-40°	384.4	10.7
40°-50°	565.8	15.7
50°-60°	751.5	20.8
60°-70°	827.8	23.0
70°-80°	519.3	14.4
80°-90°	132.3	3.7
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°	3606.8	100.0
0°-180°	3606.8	100.0



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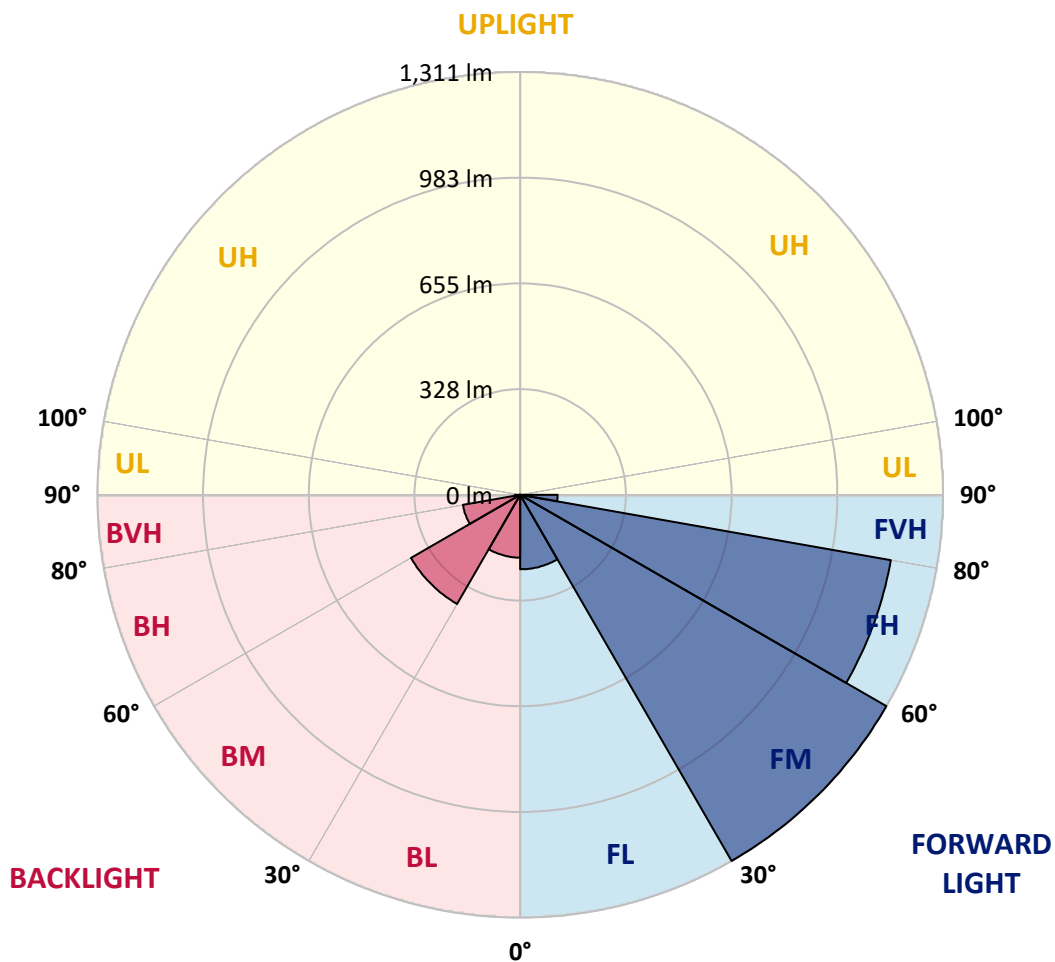
CATALOG NUMBER: ICM-F02-LED-E1-SLR-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	230.9	6.4			
FM	(30°-60°)	1310.8	36.3			
FH	(60°-80°)	1166.9	32.4			G1/1800
FVH	(80°-90°)	116.1	3.2			G2/225
BL	(0°-30°)	194.7	5.4	B1/500		
BM	(30°-60°)	390.9	10.8	B1/1000		
BH	(60°-80°)	180.3	5.0	B1/500		G1/500
BVH	(80°-90°)	16.2	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3
2.5°	447.2	448.5	448.1	448.1	448.9	448.5	448.5	448.9	448.9	450.2	452.0
5°	443.7	443.4	442.4	443.4	443.4	443.4	441.6	442.9	443.4	444.2	444.2
7.5°	448.1	446.8	445.0	445.5	445.5	444.7	443.4	443.7	443.4	443.4	442.9
10°	453.7	450.7	448.5	448.5	448.5	447.6	445.5	446.8	446.8	446.3	446.8
12.5°	463.6	460.2	457.6	456.7	456.7	455.4	453.7	455.4	454.5	454.5	453.7
15°	480.0	476.2	473.1	470.5	471.0	471.0	468.8	467.5	465.8	463.6	459.4
17.5°	504.7	500.4	496.5	494.3	494.7	491.7	485.7	479.6	471.4	463.2	454.1
20°	539.6	538.4	533.2	531.1	525.9	518.5	501.7	487.4	471.4	455.8	440.3
22.5°	600.2	594.1	588.9	580.7	563.4	543.2	515.1	490.0	464.9	442.9	422.1
25°	681.4	670.6	645.1	620.0	584.7	548.3	510.3	477.9	446.8	417.9	392.4
27.5°	761.3	728.5	683.2	637.8	585.9	538.4	490.9	452.4	416.1	384.6	356.5
30°	858.1	802.8	733.2	661.5	588.1	524.1	467.1	422.1	380.3	347.0	317.6
32.5°	948.8	868.9	777.8	683.5	592.8	510.7	439.9	388.8	345.7	303.7	274.8
35°	1011.1	907.4	796.7	685.7	581.1	485.2	405.8	345.7	302.4	263.5	229.4
37.5°	1048.3	924.2	797.6	670.1	554.0	450.7	362.5	302.9	263.2	226.0	199.2
40°	1071.5	928.1	786.4	647.7	519.4	407.0	319.4	265.8	229.4	199.6	178.9
42.5°	1082.8	922.1	768.3	619.2	484.4	368.1	289.0	238.5	207.0	185.8	170.2
45°	1084.6	911.3	748.8	593.2	453.3	340.1	268.3	227.3	201.4	183.6	168.1
47.5°	1084.6	901.8	733.2	574.2	432.9	327.9	266.6	232.0	206.5	186.7	168.1
50°	1085.4	898.7	726.8	564.7	426.0	334.4	281.3	246.7	217.8	191.8	167.6
52.5°	1089.3	902.6	731.9	572.1	438.6	360.4	308.9	268.7	232.5	197.9	167.6
55°	1098.0	915.6	754.0	597.6	472.3	399.7	342.2	292.6	244.1	200.5	165.0
57.5°	1122.1	948.5	794.1	646.8	529.8	445.0	372.5	309.4	248.5	198.3	159.9
60°	1170.5	1013.7	862.9	716.0	590.7	483.9	390.1	312.0	244.6	191.4	151.6
62.5°	1247.8	1088.5	946.2	791.2	644.7	505.6	392.4	305.5	234.2	178.9	139.5
63°	1274.6	1107.0	964.0	805.4	651.6	507.3	390.6	302.9	231.6	175.4	137.9
65°	1349.4	1185.2	1025.3	855.5	671.1	507.7	381.1	290.0	219.5	162.0	125.8
67.5°	1488.9	1288.0	1102.7	894.9	678.0	493.9	356.9	265.8	194.0	141.3	110.6
70°	1577.1	1345.5	1132.5	895.7	657.7	454.5	315.0	226.4	161.6	117.1	95.1
72.5°	1554.2	1288.9	1053.9	814.9	570.0	379.8	253.2	178.0	126.1	93.8	79.1
75°	1331.3	1072.8	859.8	631.3	430.8	279.2	185.4	127.1	93.3	73.5	66.1
77.5°	958.3	772.1	616.6	449.8	290.3	180.7	123.2	90.7	70.9	60.5	54.4
80°	610.5	452.8	377.2	270.5	169.8	111.9	84.7	68.7	58.3	50.5	46.7
82.5°	318.9	223.4	181.5	138.2	94.2	73.9	62.2	56.2	48.0	42.0	39.7
85°	198.8	131.8	97.7	68.3	47.1	42.3	38.9	38.0	34.1	30.2	28.9
87.5°	22.5	20.3	21.2	13.4	10.0	10.8	10.3	13.9	13.4	10.0	10.3
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3
2.5°	450.2	451.1	451.1	452.4	452.4	453.3	454.1	454.1	455.0	455.4	456.3
5°	445.0	445.0	445.0	446.8	447.2	449.8	450.7	451.5	452.4	455.4	457.1
7.5°	443.7	442.0	442.9	442.9	444.2	446.3	448.5	449.8	451.1	455.0	457.6
10°	446.3	445.0	443.7	443.7	444.2	445.0	446.8	448.1	448.9	452.8	455.0
12.5°	453.3	450.2	447.6	445.5	443.7	443.4	442.4	442.9	443.7	446.0	448.9
15°	454.5	448.9	443.4	437.7	433.4	430.8	428.7	427.7	427.7	429.0	432.6
17.5°	446.0	436.4	428.2	420.8	416.1	411.4	409.2	407.4	406.6	408.3	408.7
20°	427.4	416.1	404.8	396.2	387.5	386.3	382.8	383.7	384.6	387.2	388.5
22.5°	401.9	388.5	374.6	365.6	358.6	352.6	348.7	350.4	351.7	354.3	355.6
25°	370.7	351.3	336.6	327.5	320.2	315.0	310.7	312.4	310.7	313.7	318.4
27.5°	334.0	311.1	295.5	285.2	280.0	275.6	271.4	271.4	275.6	275.6	279.5
30°	289.5	272.7	252.4	241.6	235.1	232.5	232.0	231.2	234.2	235.9	240.3
32.5°	247.6	226.9	207.4	197.0	191.4	188.4	188.8	189.2	190.5	193.1	200.1
35°	205.2	187.1	173.3	161.6	156.0	150.3	150.3	149.5	150.8	153.9	162.0
37.5°	178.0	162.0	151.3	142.1	136.6	133.1	130.0	128.7	128.7	130.0	133.1
40°	162.9	151.3	141.3	133.5	128.4	125.3	123.5	122.3	121.4	121.4	121.9
42.5°	156.0	143.9	134.0	127.1	123.2	121.4	121.0	120.6	119.3	118.8	118.4
45°	152.6	138.7	127.4	121.9	118.8	118.0	118.4	118.4	118.0	117.1	115.3
47.5°	150.0	134.0	122.7	117.5	116.2	116.2	116.2	116.2	115.8	115.3	114.0
50°	145.6	126.6	114.5	110.6	109.8	109.8	110.1	110.1	111.1	110.1	109.3
52.5°	140.8	119.7	107.6	104.1	103.7	103.3	103.3	103.3	103.7	103.7	103.3
55°	135.6	114.5	104.1	101.6	102.0	101.6	101.1	100.7	100.7	100.3	99.3
57.5°	130.5	110.1	101.6	99.8	100.3	100.3	99.3	98.5	98.0	96.7	95.9
60°	122.7	104.1	96.4	95.5	96.7	96.7	96.7	96.4	96.4	95.9	93.8
62.5°	112.4	95.5	89.4	89.9	90.3	91.2	91.2	91.2	91.2	90.3	88.2
63°	110.1	93.8	88.2	88.2	89.4	89.4	89.9	89.4	89.9	89.0	86.4
65°	101.6	88.2	83.8	84.3	85.1	85.1	85.1	84.7	84.7	83.3	82.1
67.5°	91.6	81.2	78.6	79.1	79.5	80.4	79.9	79.9	80.4	79.5	78.2
70°	80.4	73.9	72.2	72.6	73.0	73.0	72.6	72.6	73.0	72.2	70.9
72.5°	71.7	69.1	67.8	67.8	67.0	67.0	66.1	65.7	65.2	65.2	63.9
75°	60.5	60.1	60.5	61.4	60.5	59.6	59.2	57.9	57.0	57.0	56.6
77.5°	51.8	51.8	52.7	54.0	54.4	54.4	53.1	51.0	50.5	50.5	50.5
80°	44.9	44.1	44.1	45.4	46.7	46.2	44.1	42.0	42.0	44.1	44.5
82.5°	39.3	39.3	38.0	38.4	38.0	37.6	35.4	34.1	33.7	35.4	37.1
85°	31.1	31.5	31.1	30.7	30.2	28.9	27.3	26.0	25.5	27.3	29.8
87.5°	12.6	12.1	11.6	12.1	11.6	12.6	12.1	11.3	10.8	12.1	14.7
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3
2.5°	456.7	457.6	458.4	458.4	459.4	458.9	459.4	459.7	459.7	460.2	460.2
5°	459.4	460.6	462.3	464.1	464.5	465.8	467.1	466.2	467.5	469.2	469.2
7.5°	460.2	463.2	464.5	467.1	467.5	469.2	472.3	470.1	472.7	474.0	474.4
10°	458.9	461.9	464.1	467.1	468.4	471.4	474.4	473.6	476.6	478.8	479.2
12.5°	451.1	454.1	458.9	463.2	466.6	471.4	477.0	475.3	479.6	482.2	483.5
15°	436.0	439.0	444.2	451.1	457.6	464.9	472.3	473.6	477.9	480.9	482.2
17.5°	412.2	416.1	421.7	429.0	437.3	449.8	459.4	464.1	470.1	471.8	474.0
20°	390.1	394.0	397.5	401.9	407.9	420.0	432.6	442.0	449.8	456.3	458.0
22.5°	360.7	364.3	368.6	372.0	376.4	385.0	395.4	406.1	418.2	422.1	426.5
25°	325.4	327.5	333.6	335.7	338.8	346.1	354.3	362.0	373.8	382.0	384.1
27.5°	287.4	289.5	295.1	296.4	300.3	307.3	313.3	316.3	327.1	335.7	342.6
30°	243.3	248.8	255.8	256.7	261.0	265.3	270.9	274.0	283.9	292.9	301.6
32.5°	205.2	210.9	216.5	219.9	222.0	225.6	231.2	234.2	243.7	251.9	260.6
35°	166.3	173.3	179.3	184.1	185.8	190.1	194.4	197.5	207.4	214.8	220.8
37.5°	136.9	142.1	148.7	153.4	158.1	161.2	166.3	170.7	176.7	180.7	187.1
40°	122.7	125.3	128.7	132.7	136.6	140.0	143.9	147.3	151.3	156.4	160.7
42.5°	118.0	118.4	118.4	119.7	121.9	123.5	127.1	129.6	132.2	136.1	138.2
45°	114.5	114.0	113.2	112.4	112.7	113.7	115.8	117.5	120.6	122.3	122.7
47.5°	112.7	111.1	109.3	108.0	107.6	108.0	109.8	111.4	113.2	114.5	115.0
50°	107.2	105.9	103.3	101.6	100.7	101.6	103.7	104.6	106.3	107.6	108.0
52.5°	101.6	99.8	98.0	96.4	96.4	96.7	98.5	100.3	102.0	102.4	103.3
55°	98.0	95.5	93.8	92.5	91.6	92.9	94.2	96.4	98.5	99.0	99.8
57.5°	94.6	92.0	90.3	89.0	88.2	89.4	90.7	93.8	96.4	96.4	96.4
60°	92.5	90.3	87.7	86.4	85.1	86.4	88.2	91.2	93.8	93.3	92.9
62.5°	86.4	84.3	83.0	83.0	81.7	83.8	85.6	89.0	89.4	88.6	87.7
63°	84.7	83.0	82.1	82.1	81.2	83.3	85.1	88.2	88.2	87.3	86.4
65°	80.4	79.1	78.2	79.1	79.1	81.2	81.7	83.8	83.3	82.1	81.7
67.5°	76.9	76.1	75.2	75.2	75.2	75.6	76.1	76.9	76.5	76.1	76.5
70°	71.3	70.9	70.0	70.0	69.6	69.6	69.6	70.0	70.0	70.4	70.9
72.5°	64.4	63.5	63.5	63.9	63.1	63.5	63.9	63.5	64.4	64.4	64.8
75°	56.6	56.2	57.0	57.9	57.5	57.5	57.9	57.9	58.3	58.3	58.8
77.5°	50.5	51.0	51.4	52.3	52.7	52.7	52.7	52.3	52.7	52.7	53.1
80°	44.9	45.8	46.7	47.5	48.0	48.0	48.0	47.5	47.5	47.5	47.5
82.5°	40.7	42.0	42.8	43.2	43.2	43.2	43.2	43.2	43.2	42.3	41.5
85°	34.1	36.7	36.7	37.1	35.9	35.0	34.1	34.6	35.0	33.3	32.8
87.5°	17.3	17.3	18.1	19.0	19.4	19.4	22.0	20.7	20.3	19.9	19.0
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3
2.5°	460.6	460.2	461.0	460.2	460.6	461.0	460.2	461.5	462.3	461.0	459.7
5°	470.1	470.1	472.3	473.1	473.6	476.2	474.9	475.7	476.6	476.2	476.6
7.5°	476.2	477.9	480.0	482.2	482.6	484.8	484.4	485.7	486.5	488.7	488.7
10°	481.3	483.5	486.5	488.7	490.9	492.6	493.4	496.0	496.5	498.2	498.2
12.5°	486.1	488.7	491.7	495.2	497.3	500.7	501.2	505.1	506.4	506.8	505.6
15°	485.2	488.3	491.7	495.6	499.5	503.8	506.4	510.3	512.5	513.3	511.2
17.5°	477.0	479.6	483.9	489.1	493.9	499.5	504.3	509.9	513.3	514.1	513.8
20°	461.0	462.8	468.4	475.3	480.9	489.6	496.5	505.1	510.7	515.1	516.4
22.5°	429.5	433.8	439.4	447.2	455.4	466.2	476.2	488.7	500.7	511.2	521.5
25°	391.4	399.3	407.9	418.2	428.2	439.4	450.7	464.9	482.6	504.3	528.8
27.5°	353.0	366.4	377.2	390.6	402.2	413.5	426.0	441.6	461.0	487.0	518.5
30°	314.1	329.2	340.9	356.5	372.0	387.2	399.7	416.1	435.1	461.5	496.0
32.5°	272.7	287.8	301.6	315.8	333.1	351.3	366.4	386.7	407.0	434.2	469.2
35°	229.9	243.3	254.9	270.0	289.0	308.5	328.4	351.7	373.8	402.2	439.4
37.5°	192.7	202.2	213.5	226.9	241.6	262.2	284.7	312.4	337.5	368.6	406.6
40°	162.0	167.3	173.7	184.9	198.3	218.6	240.7	270.0	300.3	334.4	371.2
42.5°	138.2	140.8	142.6	150.0	160.7	180.7	201.8	230.3	263.5	300.7	337.9
45°	122.7	124.0	124.5	128.4	136.1	153.4	175.4	199.6	231.6	267.9	306.8
47.5°	115.3	116.7	117.5	118.4	123.2	136.6	156.4	179.3	208.7	242.0	281.7
50°	109.3	110.6	111.9	111.4	113.7	122.3	139.2	160.3	188.0	218.6	258.0
52.5°	103.3	104.1	104.1	104.1	105.4	111.1	123.2	142.6	168.1	197.0	235.9
55°	99.8	100.7	101.1	101.6	102.0	105.0	114.0	129.6	151.6	178.4	213.5
57.5°	96.4	96.7	97.7	98.0	99.0	100.7	106.3	117.5	136.1	158.6	188.0
60°	93.3	94.2	95.9	96.4	97.2	97.7	100.3	107.2	119.3	136.6	160.3
62.5°	88.6	89.9	91.6	92.0	92.9	93.3	93.8	97.7	103.3	113.7	131.3
63°	87.3	88.6	90.7	91.2	91.6	91.6	92.0	94.6	99.8	108.9	121.9
65°	82.5	84.3	85.6	86.0	86.4	86.4	86.0	86.9	87.3	91.2	99.0
67.5°	77.3	78.6	79.5	79.9	79.5	79.9	79.5	78.6	77.8	78.6	82.1
70°	72.2	73.0	73.0	73.5	73.9	74.3	73.5	72.6	71.7	71.3	73.5
72.5°	66.1	67.0	67.0	67.4	67.4	68.3	68.3	67.8	67.8	68.3	68.7
75°	60.1	60.9	60.5	61.4	61.4	62.7	62.7	63.1	63.9	63.5	63.1
77.5°	54.4	54.9	54.9	55.3	55.7	57.9	59.2	59.6	59.6	58.8	57.9
80°	48.4	48.4	47.5	47.1	47.5	49.7	52.3	52.7	54.0	53.6	54.0
82.5°	40.7	38.9	37.6	37.6	38.4	39.7	40.7	41.5	42.3	42.3	43.2
85°	31.1	29.4	28.1	28.6	29.8	30.2	29.8	29.8	31.5	32.8	31.5
87.5°	18.6	16.8	16.0	14.7	15.2	16.5	16.0	14.7	15.2	12.1	11.3
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3
2.5°	460.6	460.2	459.4	458.0	457.6	456.7	457.1	455.8	455.0	454.1	452.8
5°	476.6	476.6	474.0	474.0	472.7	472.3	469.2	467.9	465.4	466.2	463.2
7.5°	487.8	489.1	486.1	485.7	483.9	483.5	479.6	478.3	476.2	475.3	472.7
10°	496.0	496.0	492.2	489.1	487.0	484.8	480.9	479.2	477.5	477.9	476.2
12.5°	502.5	499.5	493.9	489.6	486.5	484.4	481.3	480.0	479.6	482.6	483.1
15°	507.7	503.4	496.5	493.4	490.9	490.4	490.4	491.7	494.7	500.4	504.7
17.5°	510.7	508.1	504.7	503.8	508.1	510.7	514.1	518.0	522.4	530.1	534.9
20°	516.4	518.0	520.7	524.1	531.1	537.5	541.9	547.4	552.7	562.1	570.0
22.5°	531.1	540.9	549.2	556.1	566.4	575.5	581.1	588.9	592.8	599.3	611.4
25°	550.0	570.3	587.6	602.3	618.3	627.8	635.6	645.5	651.6	662.4	673.2
27.5°	544.5	573.4	599.3	626.5	648.6	673.2	690.5	706.9	717.3	733.2	747.5
30°	527.2	561.7	596.7	632.6	667.5	703.0	735.8	765.7	788.6	811.4	834.8
32.5°	503.8	543.5	586.3	630.4	676.2	725.5	770.9	815.8	853.8	887.1	919.4
35°	477.0	522.0	566.4	620.9	677.5	740.2	803.3	865.5	923.4	982.1	1021.9
37.5°	445.0	490.9	540.6	603.2	669.8	747.1	827.4	908.7	990.8	1069.9	1138.5
40°	410.9	457.6	509.9	577.7	652.8	742.8	843.0	952.3	1065.1	1179.6	1270.8
42.5°	380.7	428.7	485.7	554.3	636.0	737.1	855.5	989.9	1127.7	1269.5	1403.5
45°	351.3	404.0	464.1	538.0	628.7	741.5	874.1	1024.9	1183.9	1355.9	1519.2
47.5°	324.9	378.5	436.8	517.7	617.9	743.6	892.3	1059.9	1237.0	1423.3	1617.3
50°	301.1	353.0	410.5	491.7	601.0	742.3	908.7	1091.4	1282.9	1476.5	1692.9
52.5°	277.9	330.5	389.3	466.6	580.3	735.0	916.5	1117.4	1325.2	1530.1	1753.9
55°	254.9	306.8	366.0	442.9	553.0	716.0	915.6	1134.2	1358.9	1580.6	1812.6
57.5°	228.2	277.4	335.3	416.6	524.1	686.6	902.6	1142.0	1387.8	1630.7	1883.0
60°	194.9	241.1	296.8	378.0	486.1	649.0	875.4	1137.7	1404.8	1667.8	1943.1
62.5°	153.9	194.0	245.0	324.5	438.6	595.0	824.4	1098.3	1378.0	1662.7	1971.2
63°	145.2	183.2	232.9	311.5	418.2	580.3	809.3	1082.8	1364.9	1651.8	1967.3
65°	116.7	141.3	181.0	251.4	350.0	508.1	734.1	1002.9	1295.4	1575.8	1911.1
67.5°	89.4	102.0	123.2	172.4	247.6	399.7	594.5	850.0	1124.3	1387.8	1730.1
70°	76.5	82.1	91.2	114.5	157.3	252.4	417.4	633.9	871.5	1100.1	1407.7
72.5°	69.6	72.2	76.9	86.9	108.0	151.3	266.1	412.7	592.8	784.3	1021.9
75°	63.9	66.1	70.0	75.2	83.0	100.7	151.6	252.4	385.4	515.1	689.6
77.5°	58.3	59.6	63.9	68.7	73.9	83.0	100.3	145.2	221.7	303.7	415.6
80°	53.6	52.7	55.7	63.5	68.7	73.9	79.1	94.2	126.1	166.3	224.7
82.5°	42.8	43.6	46.2	54.0	56.2	54.9	55.7	58.3	70.4	76.9	115.0
85°	28.9	26.8	26.3	27.3	27.3	26.0	26.0	25.5	28.1	32.0	54.9
87.5°	7.8	3.9	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

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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	453.3	0°
2.5°	452.0	451.5	452.0	449.8	449.8	449.4	448.9	448.1	448.1	446.3	447.6	2.5°
5°	460.6	459.7	458.0	455.4	454.1	452.4	452.4	450.7	449.4	447.6	448.1	5°
7.5°	470.5	471.0	467.9	465.8	464.9	463.2	463.6	461.0	461.5	460.2	459.4	7.5°
10°	476.2	476.2	477.0	476.6	477.5	477.5	478.8	477.0	476.2	474.9	474.9	10°
12.5°	485.2	487.0	490.4	490.4	493.0	493.9	494.3	495.2	493.4	492.6	489.6	12.5°
15°	507.7	512.0	515.1	519.4	524.6	526.2	526.2	524.6	523.7	522.4	516.7	15°
17.5°	544.8	554.3	556.9	563.9	564.7	566.9	572.9	569.5	567.4	558.2	556.6	17.5°
20°	582.9	595.0	607.1	615.7	620.0	628.7	630.0	628.3	619.6	611.0	607.1	20°
22.5°	628.7	646.8	660.7	674.1	680.6	684.8	694.3	692.2	685.3	672.3	667.2	22.5°
25°	693.5	716.0	730.7	747.1	755.7	760.0	769.6	769.6	762.2	758.3	757.9	25°
27.5°	775.2	802.8	827.0	832.7	855.1	860.3	869.4	869.4	862.4	857.7	880.6	27.5°
30°	865.9	894.9	936.7	964.8	992.1	1018.9	1018.4	1020.2	1028.4	1032.7	1042.6	30°
32.5°	956.7	992.5	1037.0	1098.0	1156.3	1206.0	1270.3	1311.4	1298.9	1263.8	1250.1	32.5°
35°	1066.8	1106.6	1160.6	1222.0	1328.7	1393.0	1424.2	1446.1	1448.8	1453.5	1463.5	35°
37.5°	1189.5	1256.1	1318.7	1388.3	1447.5	1525.7	1597.9	1655.7	1669.1	1696.4	1680.8	37.5°
40°	1344.7	1419.0	1484.7	1574.5	1654.1	1748.2	1851.5	1931.0	1963.0	1952.6	1874.8	40°
42.5°	1507.1	1599.2	1676.1	1782.0	1885.2	2009.6	2116.4	2227.4	2247.3	2167.4	2051.1	42.5°
45°	1656.7	1770.7	1866.2	1976.4	2102.5	2251.6	2394.2	2508.3	2504.4	2367.4	2211.8	45°
47.5°	1791.0	1931.0	2047.6	2191.1	2326.8	2504.4	2668.1	2752.4	2702.7	2540.7	2350.2	47.5°
50°	1902.1	2076.6	2220.5	2365.7	2538.1	2751.9	2909.7	2957.2	2861.3	2684.9	2484.5	50°
52.5°	1991.5	2210.5	2372.2	2539.4	2757.1	2982.3	3118.0	3100.2	2976.2	2795.2	2595.6	52.5°
55°	2067.1	2312.9	2505.7	2703.2	2973.2	3180.6	3270.9	3223.4	3050.1	2866.4	2671.6	55°
57.5°	2145.3	2412.3	2628.4	2857.4	3158.2	3336.1	3386.3	3288.6	3085.1	2893.7	2704.4	57.5°
60°	2223.5	2495.3	2736.9	2992.2	3298.2	3463.2	3449.3	3303.3	3074.7	2873.8	2682.4	60°
62.5°	2276.2	2544.6	2799.9	3075.2	3403.1	3528.0	3443.3	3251.0	3014.6	2795.6	2616.8	62.5°
63°	2277.5	2546.2	2803.8	3080.8	3414.8	3530.2	3431.6	3232.5	2995.6	2779.6	2597.3	63°
65°	2250.3	2513.9	2769.2	3055.3	3404.9	3480.5	3331.0	3122.7	2887.2	2669.0	2496.2	65°
67.5°	2111.2	2379.9	2605.5	2875.1	3226.8	3248.4	3061.3	2893.2	2681.5	2455.5	2274.9	67.5°
70°	1830.7	2054.2	2275.4	2500.5	2795.6	2791.7	2615.8	2530.3	2344.9	2087.5	1942.6	70°
72.5°	1456.1	1656.7	1812.2	1963.0	2157.4	2118.1	2004.8	2028.7	1908.6	1716.3	1630.2	72.5°
75°	1081.1	1301.4	1377.5	1438.9	1520.9	1521.4	1552.5	1619.9	1618.1	1511.5	1403.0	75°
77.5°	709.0	950.1	975.6	1024.9	1123.4	1257.4	1395.6	1544.3	1581.4	1497.2	1336.8	77.5°
80°	395.4	646.0	616.6	658.9	765.2	947.2	1151.1	1315.3	1412.1	1364.9	1195.2	80°
82.5°	202.2	372.5	356.0	414.8	500.7	658.9	793.8	919.9	1034.0	1027.5	963.1	82.5°
85°	105.0	203.9	232.0	262.7	306.0	362.5	413.5	450.2	497.8	581.6	610.1	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0	31.1	22.5	61.8	88.2	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
453.3	453.3	453.3	453.3	453.3	453.3	453.3
448.1	448.5	447.6	447.6	448.1	448.1	447.2
447.2	447.2	446.3	445.5	444.7	444.7	443.7
457.1	457.1	454.1	452.8	450.7	448.9	448.1
471.8	469.2	465.8	463.2	459.7	455.8	453.7
486.5	482.6	478.3	474.4	470.1	465.8	463.6
510.7	505.6	499.9	495.2	489.1	482.6	480.0
547.9	539.6	532.4	525.4	514.6	509.9	504.7
597.1	585.0	575.5	563.9	550.5	546.1	539.6
656.7	646.4	627.4	618.8	605.4	598.9	600.2
747.5	734.1	712.1	703.9	702.6	688.3	681.4
865.9	866.8	846.4	824.4	812.3	789.9	761.3
1034.4	1022.7	999.0	976.5	948.0	905.7	858.1
1238.3	1212.5	1173.1	1131.2	1080.7	1015.4	948.8
1437.6	1392.2	1329.5	1259.5	1186.5	1105.3	1011.1
1612.6	1542.1	1448.4	1368.0	1264.8	1163.2	1048.3
1772.4	1685.1	1564.2	1460.0	1338.1	1207.7	1071.5
1927.1	1816.5	1668.3	1527.5	1389.6	1237.5	1082.8
2074.4	1931.8	1756.0	1588.4	1427.2	1256.9	1084.6
2187.6	2032.1	1834.6	1632.4	1453.1	1271.6	1084.6
2292.7	2116.8	1894.7	1667.0	1477.3	1281.6	1085.4
2374.3	2176.4	1933.6	1691.6	1496.3	1288.9	1089.3
2433.5	2215.3	1959.5	1706.7	1510.1	1299.3	1098.0
2475.0	2240.8	1973.8	1720.1	1527.0	1317.4	1122.1
2494.9	2287.9	1997.5	1746.9	1555.9	1355.9	1170.5
2479.7	2360.9	2065.4	1792.3	1596.1	1415.9	1247.8
2473.2	2374.3	2083.9	1802.2	1605.2	1428.9	1274.6
2422.7	2387.7	2160.5	1852.4	1648.4	1486.3	1349.4
2265.9	2335.0	2224.9	1937.0	1741.3	1626.0	1488.9
2062.8	2256.8	2213.1	1947.8	1800.5	1740.5	1577.1
1819.5	2020.5	1979.8	1803.9	1735.3	1741.8	1554.2
1431.9	1582.7	1555.9	1494.1	1508.0	1555.5	1331.3
1147.2	1126.9	1065.1	1069.4	1149.3	1205.1	958.3
937.2	758.7	678.3	680.6	820.1	878.0	610.5
891.8	717.7	584.7	510.7	596.7	574.7	318.9
635.2	636.5	528.0	429.0	415.6	353.5	198.8
150.3	120.6	86.0	63.9	67.4	44.5	22.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)