

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: P181057

Luminaire Tested: **ICM-E01-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181057
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-E01-LED-E1-SLR-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2364.1 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

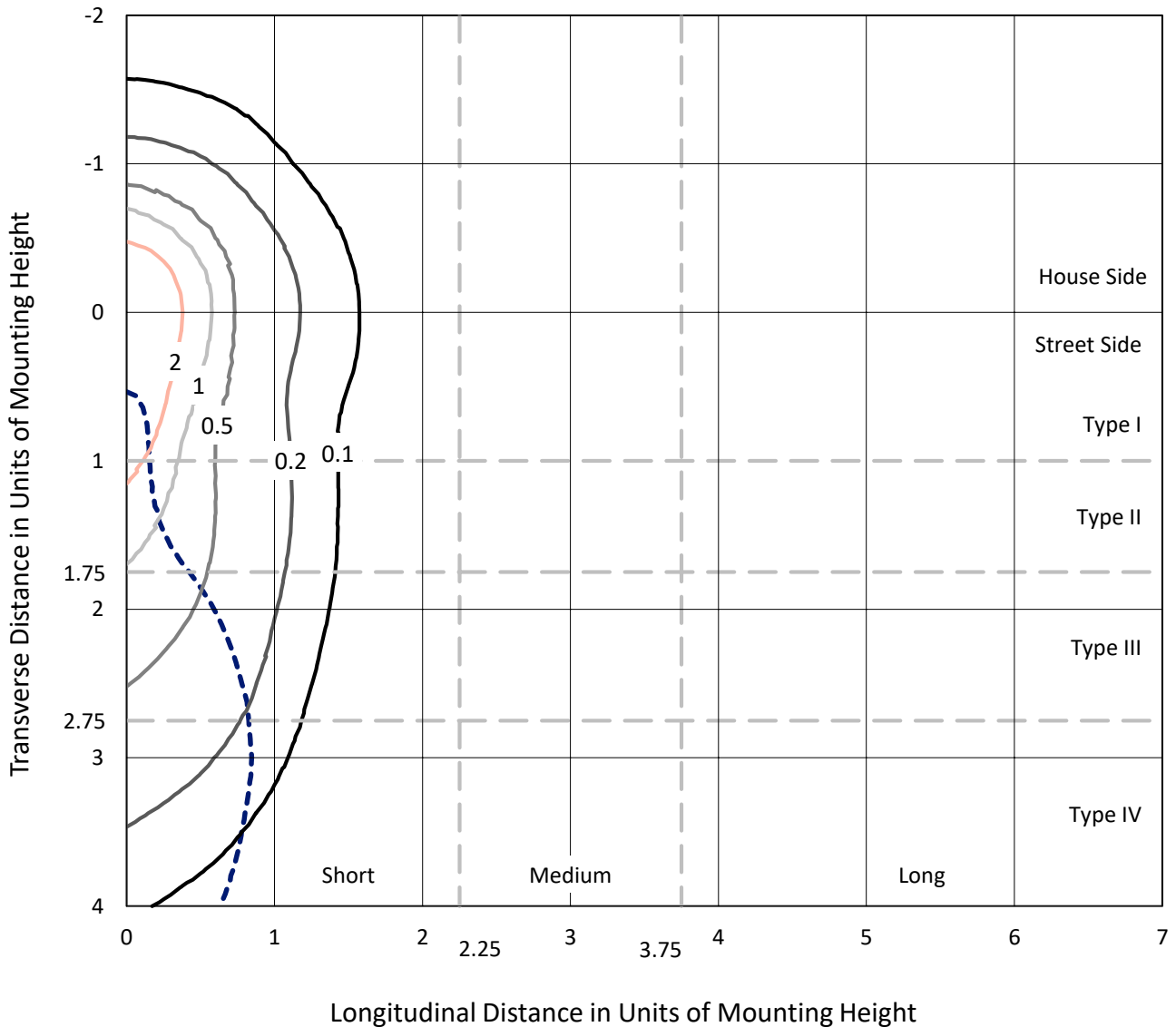
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

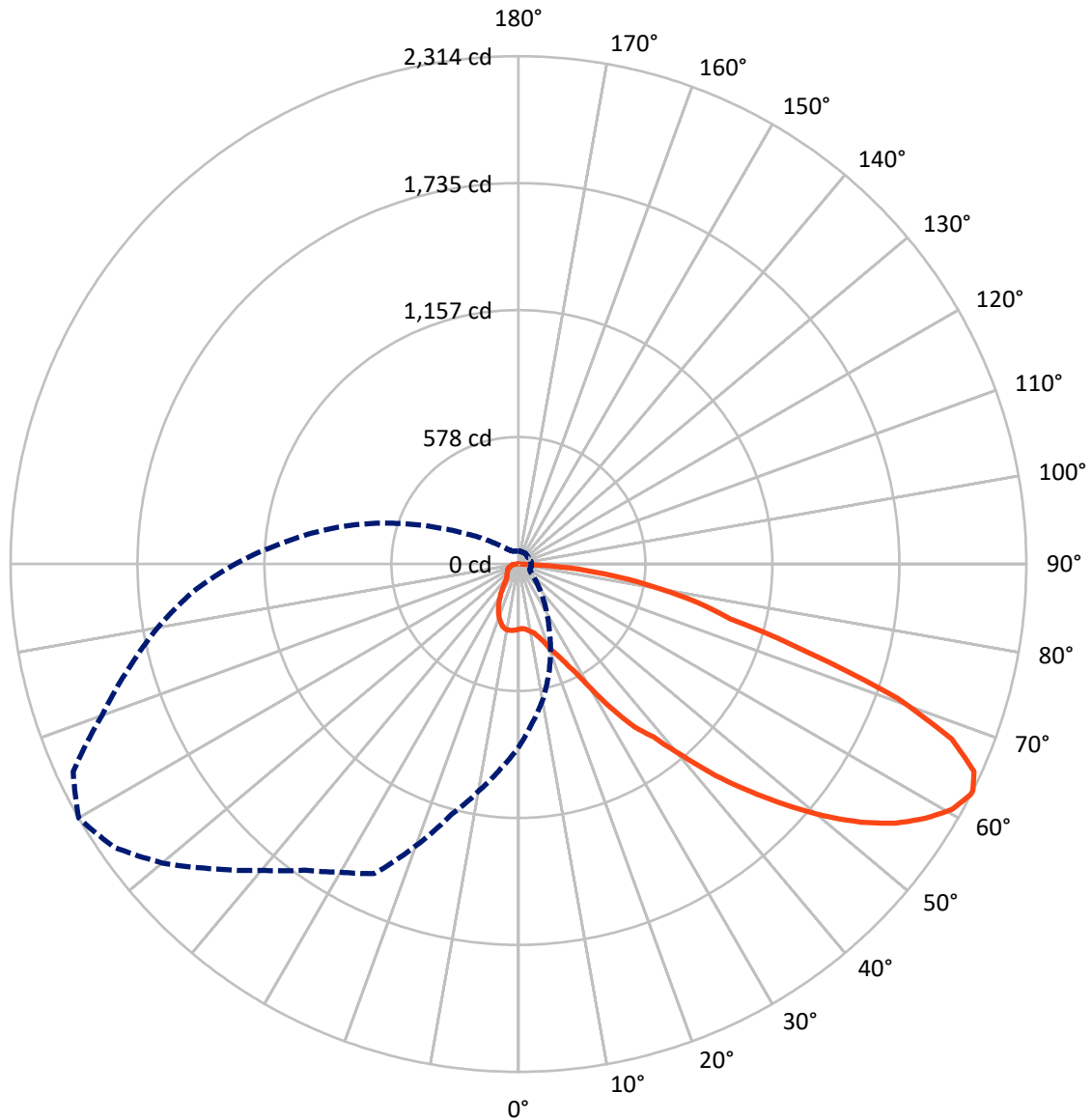
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.7 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	512.6	0.0	512.6
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1851.4	0.0	1851.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	2364.1	0.0	2364.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.9	1.2
10°-20°	90.1	3.8
20°-30°	160.0	6.8
30°-40°	252.0	10.7
40°-50°	370.8	15.7
50°-60°	492.6	20.8
60°-70°	542.6	23.0
70°-80°	340.4	14.4
80°-90°	86.7	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°	2364.1	100.0
0°-180°	2364.1	100.0



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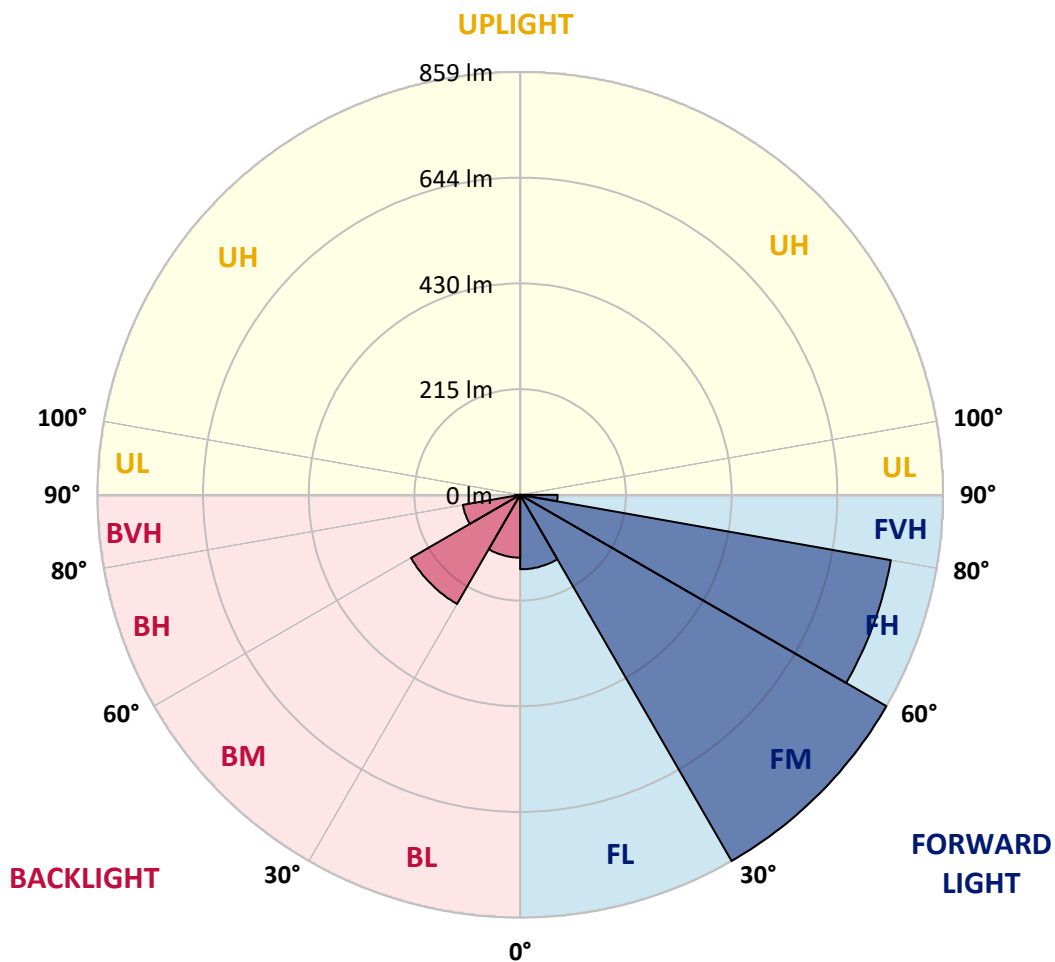
CATALOG NUMBER: ICM-E01-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	151.4	6.4			
FM	(30°-60°)	859.2	36.3			
FH	(60°-80°)	764.8	32.4			G1/1800
FVH	(80°-90°)	76.1	3.2			G1/100
BL	(0°-30°)	127.6	5.4	B1/500		
BM	(30°-60°)	256.2	10.8	B1/1000		
BH	(60°-80°)	118.2	5.0	B1/500		G1/500
BVH	(80°-90°)	10.6	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-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1
2.5°	293.1	294.0	293.7	293.7	294.2	294.0	294.0	294.2	294.2	295.1	296.3
5°	290.9	290.6	290.0	290.6	290.6	290.6	289.4	290.3	290.6	291.2	291.2
7.5°	293.7	292.8	291.7	292.0	292.0	291.4	290.6	290.9	290.6	290.6	290.3
10°	297.4	295.4	294.0	294.0	294.0	293.4	292.0	292.8	292.8	292.6	292.8
12.5°	303.9	301.6	299.9	299.4	299.4	298.5	297.4	298.5	298.0	298.0	297.4
15°	314.6	312.1	310.1	308.4	308.7	308.7	307.3	306.4	305.3	303.9	301.0
17.5°	330.8	328.0	325.4	324.0	324.3	322.3	318.3	314.3	309.0	303.6	297.7
20°	353.8	352.8	349.5	348.1	344.7	339.8	328.8	319.4	309.0	298.8	288.6
22.5°	393.4	389.4	386.0	380.7	369.3	356.0	337.6	321.1	304.7	290.3	276.7
25°	446.6	439.5	422.8	406.4	383.2	359.4	334.5	313.2	292.8	273.9	257.1
27.5°	499.0	477.5	447.7	418.0	384.0	352.8	321.8	296.6	272.7	252.1	233.7
30°	562.4	526.2	480.7	433.6	385.5	343.5	306.1	276.7	249.2	227.4	208.2
32.5°	622.0	569.5	509.8	448.0	388.6	334.8	288.3	254.9	226.6	199.1	180.1
35°	662.7	594.7	522.2	449.5	380.9	318.0	266.0	226.6	198.2	172.7	150.4
37.5°	687.1	605.8	522.8	439.3	363.1	295.4	237.6	198.5	172.5	148.1	130.6
40°	702.3	608.4	515.4	424.6	340.4	266.8	209.3	174.1	150.4	130.9	117.2
42.5°	709.8	604.4	503.5	405.9	317.5	241.3	189.5	156.4	135.6	121.8	111.6
45°	710.9	597.3	490.8	388.8	297.1	222.9	175.9	148.9	132.0	120.4	110.1
47.5°	710.9	591.1	480.7	376.4	283.8	215.0	174.7	152.1	135.3	122.3	110.1
50°	711.4	589.1	476.4	370.1	279.3	219.2	184.4	161.7	142.7	125.8	109.9
52.5°	714.0	591.6	479.7	375.0	287.4	236.2	202.5	176.2	152.4	129.7	109.9
55°	719.6	600.1	494.2	391.7	309.6	262.0	224.3	191.7	160.0	131.4	108.2
57.5°	735.5	621.7	520.6	424.0	347.3	291.7	244.1	202.8	162.9	130.0	104.7
60°	767.3	664.4	565.6	469.3	387.2	317.2	255.7	204.5	160.3	125.5	99.4
62.5°	818.0	713.4	620.2	518.5	422.5	331.4	257.1	200.2	153.5	117.2	91.4
63°	835.4	725.6	631.8	527.9	427.1	332.5	256.0	198.5	151.8	115.0	90.3
65°	884.5	776.8	672.1	560.7	439.8	332.7	249.8	190.0	143.9	106.2	82.4
67.5°	975.9	844.3	722.8	586.5	444.4	323.7	234.0	174.1	127.2	92.7	72.5
70°	1033.7	882.0	742.3	587.1	431.1	298.0	206.4	148.4	106.0	76.7	62.3
72.5°	1018.7	844.8	690.8	534.1	373.6	248.9	166.0	116.7	82.7	61.5	51.8
75°	872.6	703.2	563.6	413.8	282.3	183.0	121.5	83.3	61.2	48.2	43.3
77.5°	628.2	506.1	404.2	294.8	190.3	118.4	80.7	59.4	46.4	39.6	35.7
80°	400.2	296.8	247.3	177.3	111.3	73.4	55.5	45.0	38.2	33.1	30.6
82.5°	209.0	146.4	119.0	90.6	61.8	48.5	40.7	36.8	31.4	27.4	26.0
85°	130.2	86.4	64.0	44.7	30.9	27.7	25.5	24.9	22.4	19.8	19.0
87.5°	14.7	13.3	13.9	8.7	6.5	7.1	6.8	9.0	8.7	6.5	6.8
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1
2.5°	295.1	295.6	295.6	296.6	296.6	297.1	297.7	297.7	298.2	298.5	299.1
5°	291.7	291.7	291.7	292.8	293.1	294.8	295.4	296.0	296.6	298.5	299.6
7.5°	290.9	289.8	290.3	290.3	291.2	292.6	294.0	294.8	295.6	298.2	299.9
10°	292.6	291.7	290.9	290.9	291.2	291.7	292.8	293.7	294.2	296.8	298.2
12.5°	297.1	295.1	293.4	292.0	290.9	290.6	290.0	290.3	290.9	292.3	294.2
15°	298.0	294.2	290.6	286.9	284.1	282.3	280.9	280.4	280.4	281.2	283.5
17.5°	292.3	286.0	280.7	275.8	272.7	269.6	268.2	267.1	266.5	267.6	267.9
20°	280.1	272.7	265.4	259.7	254.0	253.2	250.9	251.5	252.1	253.8	254.6
22.5°	263.4	254.6	245.6	239.6	235.1	231.1	228.6	229.7	230.5	232.2	233.1
25°	243.0	230.2	220.7	214.7	209.9	206.4	203.6	204.7	203.6	205.6	208.7
27.5°	218.9	203.9	193.7	186.9	183.5	180.7	177.9	177.9	180.7	180.7	183.3
30°	189.8	178.7	165.4	158.3	154.0	152.4	152.1	151.5	153.5	154.6	157.5
32.5°	162.2	148.7	135.9	129.1	125.5	123.4	123.7	124.0	124.9	126.6	131.2
35°	134.5	122.6	113.6	106.0	102.2	98.5	98.5	98.0	98.9	100.8	106.2
37.5°	116.7	106.2	99.2	93.2	89.5	87.3	85.2	84.4	84.4	85.2	87.3
40°	106.8	99.2	92.7	87.5	84.1	82.1	81.0	80.2	79.6	79.6	79.9
42.5°	102.2	94.3	87.8	83.3	80.7	79.6	79.3	79.0	78.1	77.9	77.6
45°	100.0	90.9	83.5	79.9	77.9	77.3	77.6	77.6	77.3	76.7	75.6
47.5°	98.2	87.8	80.5	77.0	76.2	76.2	76.2	76.2	75.9	75.6	74.8
50°	95.4	83.0	75.1	72.5	71.9	71.9	72.2	72.2	72.7	72.2	71.6
52.5°	92.4	78.4	70.5	68.3	68.0	67.7	67.7	67.7	68.0	68.0	67.7
55°	88.9	75.1	68.3	66.5	66.9	66.5	66.2	66.0	66.0	65.7	65.1
57.5°	85.5	72.2	66.5	65.4	65.7	65.7	65.1	64.6	64.3	63.4	62.9
60°	80.5	68.3	63.2	62.6	63.4	63.4	63.4	63.2	63.2	62.9	61.5
62.5°	73.7	62.6	58.6	58.9	59.2	59.7	59.7	59.7	59.7	59.2	57.8
63°	72.2	61.5	57.8	57.8	58.6	58.6	58.9	58.6	58.9	58.3	56.7
65°	66.5	57.8	55.0	55.3	55.8	55.8	55.8	55.5	55.5	54.7	53.8
67.5°	60.0	53.2	51.5	51.8	52.1	52.7	52.4	52.4	52.7	52.1	51.3
70°	52.7	48.5	47.3	47.5	47.9	47.9	47.5	47.5	47.9	47.3	46.4
72.5°	47.0	45.3	44.5	44.5	43.9	43.9	43.3	43.1	42.8	42.8	42.0
75°	39.6	39.3	39.6	40.2	39.6	39.1	38.8	38.0	37.4	37.4	37.1
77.5°	34.0	34.0	34.5	35.4	35.7	35.7	34.8	33.4	33.1	33.1	33.1
80°	29.5	28.9	28.9	29.8	30.6	30.3	28.9	27.4	27.4	28.9	29.2
82.5°	25.8	25.8	24.9	25.2	24.9	24.7	23.3	22.4	22.0	23.3	24.4
85°	20.4	20.7	20.4	20.1	19.8	19.0	17.9	17.0	16.7	17.9	19.5
87.5°	8.2	7.9	7.6	7.9	7.6	8.2	7.9	7.3	7.1	7.9	9.7
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°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1
2.5°	299.4	299.9	300.5	300.5	301.0	300.7	301.0	301.3	301.3	301.6	301.6
5°	301.0	301.9	303.1	304.2	304.5	305.3	306.1	305.6	306.4	307.5	307.5
7.5°	301.6	303.6	304.5	306.1	306.4	307.5	309.6	308.1	309.9	310.7	311.0
10°	300.7	302.8	304.2	306.1	307.0	309.0	311.0	310.4	312.4	313.8	314.0
12.5°	295.6	297.7	300.7	303.6	305.9	309.0	312.7	311.5	314.3	316.1	316.9
15°	285.8	287.7	291.2	295.6	299.9	304.7	309.6	310.4	313.2	315.3	316.1
17.5°	270.1	272.7	276.4	281.2	286.6	294.8	301.0	304.2	308.1	309.3	310.7
20°	255.7	258.3	260.6	263.4	267.4	275.3	283.5	289.8	294.8	299.1	300.2
22.5°	236.5	238.8	241.6	243.8	246.7	252.4	259.2	266.2	274.1	276.7	279.5
25°	213.3	214.7	218.6	220.1	222.0	226.9	232.2	237.3	244.9	250.3	251.8
27.5°	188.4	189.8	193.4	194.3	196.8	201.4	205.3	207.4	214.4	220.1	224.6
30°	159.4	163.2	167.6	168.2	171.1	173.9	177.6	179.5	186.0	192.0	197.7
32.5°	134.5	138.2	141.9	144.2	145.6	147.8	151.5	153.5	159.7	165.1	170.8
35°	109.0	113.6	117.5	120.7	121.8	124.7	127.4	129.4	135.9	140.7	144.7
37.5°	89.8	93.2	97.4	100.6	103.6	105.7	109.0	111.9	115.8	118.4	122.6
40°	80.5	82.1	84.4	87.0	89.5	91.7	94.3	96.6	99.2	102.5	105.4
42.5°	77.3	77.6	77.6	78.4	79.9	81.0	83.3	84.9	86.7	89.2	90.6
45°	75.1	74.8	74.2	73.7	74.0	74.5	75.9	77.0	79.0	80.2	80.5
47.5°	74.0	72.7	71.6	70.8	70.5	70.8	71.9	73.0	74.2	75.1	75.3
50°	70.2	69.4	67.7	66.5	66.0	66.5	68.0	68.6	69.7	70.5	70.8
52.5°	66.5	65.4	64.3	63.2	63.2	63.4	64.6	65.7	66.9	67.2	67.7
55°	64.3	62.6	61.5	60.7	60.0	60.9	61.8	63.2	64.6	64.8	65.4
57.5°	62.0	60.3	59.2	58.3	57.8	58.6	59.4	61.5	63.2	63.2	63.2
60°	60.7	59.2	57.5	56.7	55.8	56.7	57.8	59.7	61.5	61.2	60.9
62.5°	56.7	55.3	54.4	54.4	53.5	55.0	56.1	58.3	58.6	58.0	57.5
63°	55.5	54.4	53.8	53.8	53.2	54.7	55.8	57.8	57.8	57.2	56.7
65°	52.7	51.8	51.3	51.8	51.8	53.2	53.5	55.0	54.7	53.8	53.5
67.5°	50.4	49.9	49.3	49.3	49.3	49.6	49.9	50.4	50.1	49.9	50.1
70°	46.7	46.4	45.9	45.9	45.6	45.6	45.6	45.9	45.9	46.1	46.4
72.5°	42.2	41.7	41.7	42.0	41.3	41.7	42.0	41.7	42.2	42.2	42.5
75°	37.1	36.8	37.4	38.0	37.7	37.7	38.0	38.0	38.2	38.2	38.5
77.5°	33.1	33.4	33.7	34.2	34.5	34.5	34.5	34.2	34.5	34.5	34.8
80°	29.5	30.0	30.6	31.2	31.4	31.4	31.4	31.2	31.2	31.2	31.2
82.5°	26.6	27.4	28.0	28.3	28.3	28.3	28.3	28.3	28.3	27.7	27.2
85°	22.4	24.1	24.1	24.4	23.5	23.0	22.4	22.7	23.0	21.8	21.5
87.5°	11.3	11.3	11.9	12.5	12.7	12.7	14.4	13.6	13.3	13.0	12.5
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°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1
2.5°	301.9	301.6	302.1	301.6	301.9	302.1	301.6	302.5	303.1	302.1	301.3
5°	308.1	308.1	309.6	310.1	310.4	312.1	311.3	311.8	312.4	312.1	312.4
7.5°	312.1	313.2	314.6	316.1	316.4	317.8	317.5	318.3	318.9	320.3	320.3
10°	315.5	316.9	318.9	320.3	321.8	322.9	323.4	325.1	325.4	326.5	326.5
12.5°	318.6	320.3	322.3	324.6	326.0	328.3	328.6	331.1	331.9	332.2	331.4
15°	318.0	320.0	322.3	324.8	327.4	330.2	331.9	334.5	335.9	336.5	335.1
17.5°	312.7	314.3	317.2	320.6	323.7	327.4	330.5	334.2	336.5	337.0	336.7
20°	302.1	303.4	307.0	311.5	315.3	320.8	325.4	331.1	334.8	337.6	338.4
22.5°	281.5	284.4	288.0	293.1	298.5	305.6	312.1	320.3	328.3	335.1	341.9
25°	256.6	261.7	267.4	274.1	280.7	288.0	295.4	304.7	316.4	330.5	346.6
27.5°	231.4	240.2	247.3	256.0	263.6	271.1	279.3	289.4	302.1	319.2	339.8
30°	205.9	215.8	223.4	233.7	243.8	253.8	262.0	272.7	285.2	302.5	325.1
32.5°	178.7	188.7	197.7	207.1	218.3	230.2	240.2	253.5	266.8	284.7	307.5
35°	150.7	159.4	167.1	177.0	189.5	202.2	215.3	230.5	244.9	263.6	288.0
37.5°	126.3	132.6	139.9	148.7	158.3	171.9	186.6	204.7	221.2	241.6	266.5
40°	106.2	109.6	113.9	121.2	130.0	143.3	157.8	177.0	196.8	219.2	243.3
42.5°	90.6	92.4	93.5	98.2	105.4	118.4	132.3	151.0	172.7	197.1	221.5
45°	80.5	81.3	81.6	84.1	89.2	100.6	115.0	130.9	151.8	175.6	201.1
47.5°	75.6	76.5	77.0	77.6	80.7	89.5	102.5	117.5	136.7	158.6	184.7
50°	71.6	72.5	73.4	73.0	74.5	80.2	91.2	105.1	123.2	143.3	169.1
52.5°	67.7	68.3	68.3	68.3	69.1	72.7	80.7	93.5	110.1	129.1	154.6
55°	65.4	66.0	66.2	66.5	66.9	68.8	74.8	84.9	99.4	116.9	139.9
57.5°	63.2	63.4	64.0	64.3	64.8	66.0	69.7	77.0	89.2	103.9	123.2
60°	61.2	61.8	62.9	63.2	63.7	64.0	65.7	70.2	78.1	89.5	105.1
62.5°	58.0	58.9	60.0	60.3	60.9	61.2	61.5	64.0	67.7	74.5	86.1
63°	57.2	58.0	59.4	59.7	60.0	60.0	60.3	62.0	65.4	71.3	79.9
65°	54.0	55.3	56.1	56.4	56.7	56.7	56.4	56.9	57.2	59.7	64.8
67.5°	50.7	51.5	52.1	52.4	52.1	52.4	52.1	51.5	51.0	51.5	53.8
70°	47.3	47.9	47.9	48.2	48.5	48.7	48.2	47.5	47.0	46.7	48.2
72.5°	43.3	43.9	43.9	44.2	44.2	44.7	44.7	44.5	44.5	44.7	45.0
75°	39.3	39.9	39.6	40.2	40.2	41.0	41.0	41.3	42.0	41.7	41.3
77.5°	35.7	36.0	36.0	36.3	36.6	38.0	38.8	39.1	39.1	38.5	38.0
80°	31.7	31.7	31.2	30.9	31.2	32.6	34.2	34.5	35.4	35.2	35.4
82.5°	26.6	25.5	24.7	24.7	25.2	26.0	26.6	27.2	27.7	27.7	28.3
85°	20.4	19.3	18.4	18.7	19.5	19.8	19.5	19.5	20.7	21.5	20.7
87.5°	12.2	11.1	10.5	9.7	10.0	10.8	10.5	9.7	10.0	7.9	7.3
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°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1
2.5°	301.9	301.6	301.0	300.2	299.9	299.4	299.6	298.8	298.2	297.7	296.8
5°	312.4	312.4	310.7	310.7	309.9	309.6	307.5	306.7	305.0	305.6	303.6
7.5°	319.7	320.6	318.6	318.3	317.2	316.9	314.3	313.5	312.1	311.5	309.9
10°	325.1	325.1	322.6	320.6	319.2	317.8	315.3	314.0	312.9	313.2	312.1
12.5°	329.4	327.4	323.7	320.8	318.9	317.5	315.5	314.6	314.3	316.4	316.7
15°	332.7	330.0	325.4	323.4	321.8	321.5	321.5	322.3	324.3	328.0	330.8
17.5°	334.8	333.0	330.8	330.2	333.0	334.8	337.0	339.5	342.4	347.5	350.6
20°	338.4	339.5	341.3	343.5	348.1	352.3	355.2	358.8	362.2	368.5	373.6
22.5°	348.1	354.6	360.0	364.5	371.3	377.2	380.9	386.0	388.6	392.8	400.7
25°	360.6	373.9	385.2	394.8	405.3	411.5	416.6	423.1	427.1	434.1	441.2
27.5°	356.8	375.8	392.8	410.7	425.1	441.2	452.6	463.4	470.1	480.7	490.0
30°	345.5	368.2	391.1	414.6	437.6	460.7	482.3	501.9	516.8	531.9	547.2
32.5°	330.2	356.3	384.3	413.2	443.3	475.5	505.2	534.7	559.6	581.4	602.7
35°	312.7	342.1	371.3	407.0	444.1	485.1	526.5	567.3	605.2	643.7	669.8
37.5°	291.7	321.8	354.3	395.4	439.0	489.7	542.3	595.6	649.4	701.2	746.2
40°	269.3	299.9	334.2	378.6	427.9	486.8	552.6	624.2	698.1	773.1	832.9
42.5°	249.5	280.9	318.3	363.4	416.9	483.2	560.7	648.8	739.2	832.1	919.9
45°	230.2	264.8	304.2	352.6	412.1	486.0	572.9	671.8	776.0	888.7	995.7
47.5°	212.9	248.1	286.3	339.3	405.0	487.4	584.8	694.7	810.8	932.9	1060.1
50°	197.4	231.4	269.0	322.3	394.0	486.5	595.6	715.4	840.8	967.7	1109.6
52.5°	182.1	216.7	255.2	305.9	380.4	481.8	600.7	732.4	868.6	1002.9	1149.6
55°	167.1	201.1	239.9	290.3	362.5	469.3	600.1	743.4	890.7	1036.0	1188.1
57.5°	149.5	181.9	219.8	273.0	343.5	450.0	591.6	748.6	909.7	1068.8	1234.2
60°	127.7	158.0	194.6	247.8	318.6	425.4	573.8	745.7	920.7	1093.2	1273.6
62.5°	100.8	127.2	160.6	212.7	287.4	390.0	540.4	719.9	903.2	1089.8	1292.0
63°	95.2	120.1	152.7	204.2	274.1	380.4	530.4	709.8	894.7	1082.7	1289.5
65°	76.5	92.7	118.7	164.8	229.4	333.0	481.2	657.3	849.0	1032.8	1252.7
67.5°	58.6	66.9	80.7	113.0	162.2	262.0	389.7	557.1	736.9	909.7	1134.0
70°	50.1	53.8	59.7	75.1	103.1	165.4	273.6	415.4	571.3	721.0	922.7
72.5°	45.6	47.3	50.4	56.9	70.8	99.2	174.4	270.4	388.6	514.0	669.8
75°	42.0	43.3	45.9	49.3	54.4	66.0	99.4	165.4	252.7	337.6	452.0
77.5°	38.2	39.1	42.0	45.0	48.5	54.4	65.7	95.2	145.3	199.1	272.5
80°	35.2	34.5	36.6	41.7	45.0	48.5	51.8	61.8	82.7	109.0	147.3
82.5°	28.0	28.6	30.3	35.4	36.8	36.0	36.6	38.2	46.1	50.4	75.3
85°	19.0	17.6	17.3	17.9	17.9	17.0	17.0	16.7	18.4	20.9	36.0
87.5°	5.1	2.5	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°	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	297.1	0°
2.5°	296.3	296.0	296.3	294.8	294.8	294.5	294.2	293.7	293.7	292.6	293.4	2.5°
5°	301.9	301.3	300.2	298.5	297.7	296.6	296.6	295.4	294.5	293.4	293.7	5°
7.5°	308.4	308.7	306.7	305.3	304.7	303.6	303.9	302.1	302.5	301.6	301.0	7.5°
10°	312.1	312.1	312.7	312.4	312.9	312.9	313.8	312.7	312.1	311.3	311.3	10°
12.5°	318.0	319.2	321.5	321.5	323.2	323.7	324.0	324.6	323.4	322.9	320.8	12.5°
15°	332.7	335.6	337.6	340.4	343.8	344.9	344.9	343.8	343.3	342.4	338.7	15°
17.5°	357.1	363.4	365.0	369.6	370.1	371.5	375.5	373.3	371.8	365.9	364.7	17.5°
20°	382.0	390.0	398.0	403.5	406.4	412.1	412.9	411.8	406.1	400.5	398.0	20°
22.5°	412.1	424.0	433.0	441.8	446.0	448.9	455.2	453.7	449.2	440.7	437.3	22.5°
25°	454.5	469.3	478.9	489.7	495.4	498.1	504.4	504.4	499.5	497.0	496.7	25°
27.5°	508.1	526.2	542.0	545.8	560.5	563.9	569.9	569.9	565.3	562.1	577.2	27.5°
30°	567.5	586.5	614.0	632.4	650.2	667.8	667.5	668.7	674.1	676.8	683.4	30°
32.5°	627.1	650.5	679.7	719.6	757.9	790.4	832.7	859.5	851.4	828.4	819.4	32.5°
35°	699.3	725.3	760.7	800.9	870.9	913.0	933.5	947.9	949.6	952.8	959.3	35°
37.5°	779.7	823.3	864.4	910.0	948.7	1000.0	1047.4	1085.3	1094.1	1111.9	1101.7	37.5°
40°	881.3	930.1	973.1	1032.0	1084.1	1145.9	1213.6	1265.7	1286.6	1279.8	1228.8	40°
42.5°	987.8	1048.2	1098.6	1168.0	1235.6	1317.2	1387.2	1459.9	1472.9	1420.6	1344.4	42.5°
45°	1085.9	1160.6	1223.2	1295.4	1378.1	1475.8	1569.3	1644.0	1641.5	1551.7	1449.8	45°
47.5°	1173.9	1265.7	1342.1	1436.2	1525.1	1641.5	1748.8	1804.0	1771.5	1665.3	1540.4	47.5°
50°	1246.7	1361.1	1455.5	1550.6	1663.5	1803.7	1907.2	1938.3	1875.5	1759.9	1628.5	50°
52.5°	1305.3	1448.9	1554.8	1664.5	1807.2	1954.7	2043.6	2032.0	1950.8	1832.1	1701.2	52.5°
55°	1354.9	1516.0	1642.3	1771.7	1948.8	2084.8	2143.9	2112.8	1999.2	1878.8	1751.1	55°
57.5°	1406.1	1581.1	1722.8	1872.8	2070.0	2186.7	2219.5	2155.5	2022.2	1896.7	1772.7	57.5°
60°	1457.4	1635.5	1793.9	1961.2	2161.8	2270.0	2260.9	2165.1	2015.4	1883.6	1758.2	60°
62.5°	1491.9	1667.8	1835.2	2015.6	2230.5	2312.4	2256.9	2130.9	1975.9	1832.4	1715.1	62.5°
63°	1492.8	1668.9	1837.8	2019.3	2238.2	2313.9	2249.2	2118.7	1963.5	1821.9	1702.3	63°
65°	1475.0	1647.7	1815.1	2002.6	2231.7	2281.2	2183.3	2046.8	1892.4	1749.4	1636.1	65°
67.5°	1383.7	1559.9	1707.7	1884.5	2115.0	2129.2	2006.5	1896.4	1757.6	1609.5	1491.1	67.5°
70°	1200.0	1346.4	1491.4	1639.0	1832.4	1829.9	1714.5	1658.5	1537.0	1368.2	1273.3	70°
72.5°	954.4	1085.9	1187.8	1286.6	1414.1	1388.3	1314.1	1329.7	1251.0	1124.9	1068.6	72.5°
75°	708.6	853.0	902.9	943.1	996.9	997.2	1017.6	1061.8	1060.7	990.7	919.5	75°
77.5°	464.7	622.8	639.4	671.8	736.4	824.1	914.8	1012.2	1036.6	981.3	876.3	77.5°
80°	259.2	423.4	404.2	431.9	501.6	620.8	754.5	862.1	925.5	894.7	783.4	80°
82.5°	132.6	244.1	233.4	271.9	328.3	431.9	520.3	603.0	677.7	673.5	631.3	82.5°
85°	68.8	133.7	152.1	172.2	200.6	237.6	271.1	295.1	326.2	381.2	399.9	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	20.4	14.7	40.5	57.8	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°
297.1	297.1	297.1	297.1	297.1	297.1	297.1
293.7	294.0	293.4	293.4	293.7	293.7	293.1
293.1	293.1	292.6	292.0	291.4	291.4	290.9
299.6	299.6	297.7	296.8	295.4	294.2	293.7
309.3	307.5	305.3	303.6	301.3	298.8	297.4
318.9	316.4	313.5	311.0	308.1	305.3	303.9
334.8	331.4	327.6	324.6	320.6	316.4	314.6
359.1	353.8	348.9	344.4	337.3	334.2	330.8
391.4	383.4	377.2	369.6	360.8	358.0	353.8
430.5	423.7	411.3	405.6	396.7	392.6	393.4
490.0	481.2	466.7	461.3	460.5	451.2	446.6
567.5	568.1	554.8	540.4	532.5	517.7	499.0
678.1	670.3	654.8	640.1	621.4	593.6	562.4
811.7	794.7	768.9	741.5	708.3	665.6	622.0
942.2	912.5	871.4	825.6	777.7	724.5	662.7
1056.9	1010.8	949.3	896.7	828.9	762.4	687.1
1161.8	1104.6	1025.2	956.9	877.1	791.5	702.3
1263.1	1190.6	1093.5	1001.1	910.8	811.1	709.8
1359.7	1266.2	1151.0	1041.1	935.4	823.8	710.9
1433.9	1331.9	1202.5	1070.0	952.5	833.5	710.9
1502.7	1387.5	1241.9	1092.7	968.3	840.0	711.4
1556.3	1426.5	1267.4	1108.8	980.8	844.8	714.0
1595.1	1452.0	1284.4	1118.7	989.9	851.6	719.6
1622.2	1468.8	1293.7	1127.4	1000.8	863.5	735.5
1635.3	1499.6	1309.3	1145.0	1019.8	888.7	767.3
1625.3	1547.5	1353.8	1174.8	1046.1	928.1	818.0
1621.1	1556.3	1366.0	1181.3	1052.1	936.6	835.4
1588.0	1565.0	1416.1	1214.1	1080.5	974.2	884.5
1485.1	1530.4	1458.2	1269.6	1141.3	1065.7	975.9
1352.0	1479.2	1450.6	1276.8	1180.1	1140.8	1033.7
1192.6	1324.3	1297.7	1182.4	1137.4	1141.6	1018.7
938.5	1037.4	1019.8	979.4	988.4	1019.5	872.6
751.9	738.6	698.1	700.9	753.3	789.9	628.2
614.3	497.3	444.7	446.0	537.5	575.4	400.2
584.6	470.4	383.2	334.8	391.1	376.7	209.0
416.3	417.2	346.0	281.2	272.5	231.6	130.2
98.5	79.0	56.4	42.0	44.2	29.2	14.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)