

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: P181122

Luminaire Tested: **ICS-F01-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181122
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: ICS-F01-LED-E1-SLR-7030
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (7) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1888.3 lumens
Efficiency: N/A
Efficacy: 72.9 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: B0 - U0 - G1

Input Watts (W): 25.9
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



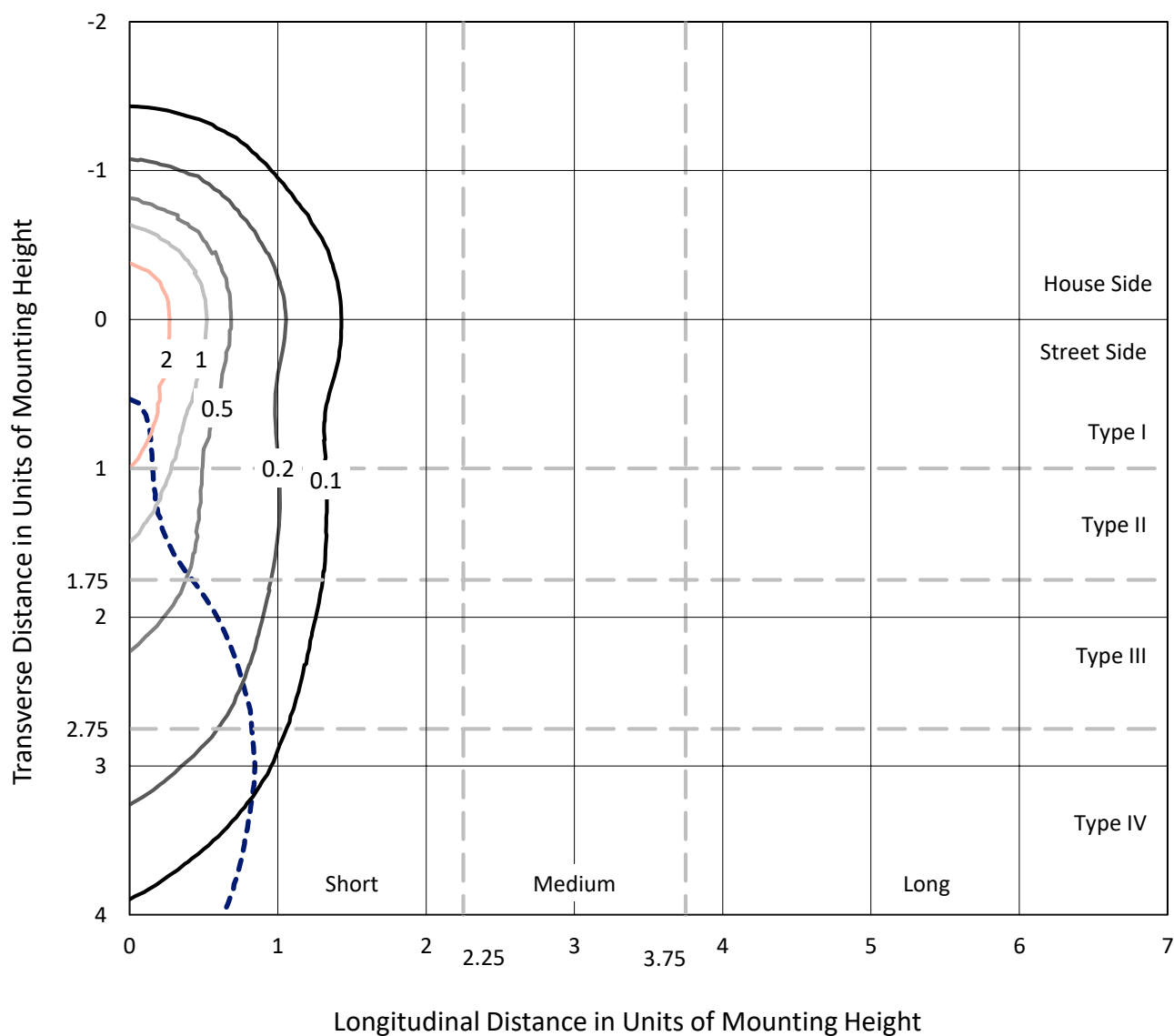
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

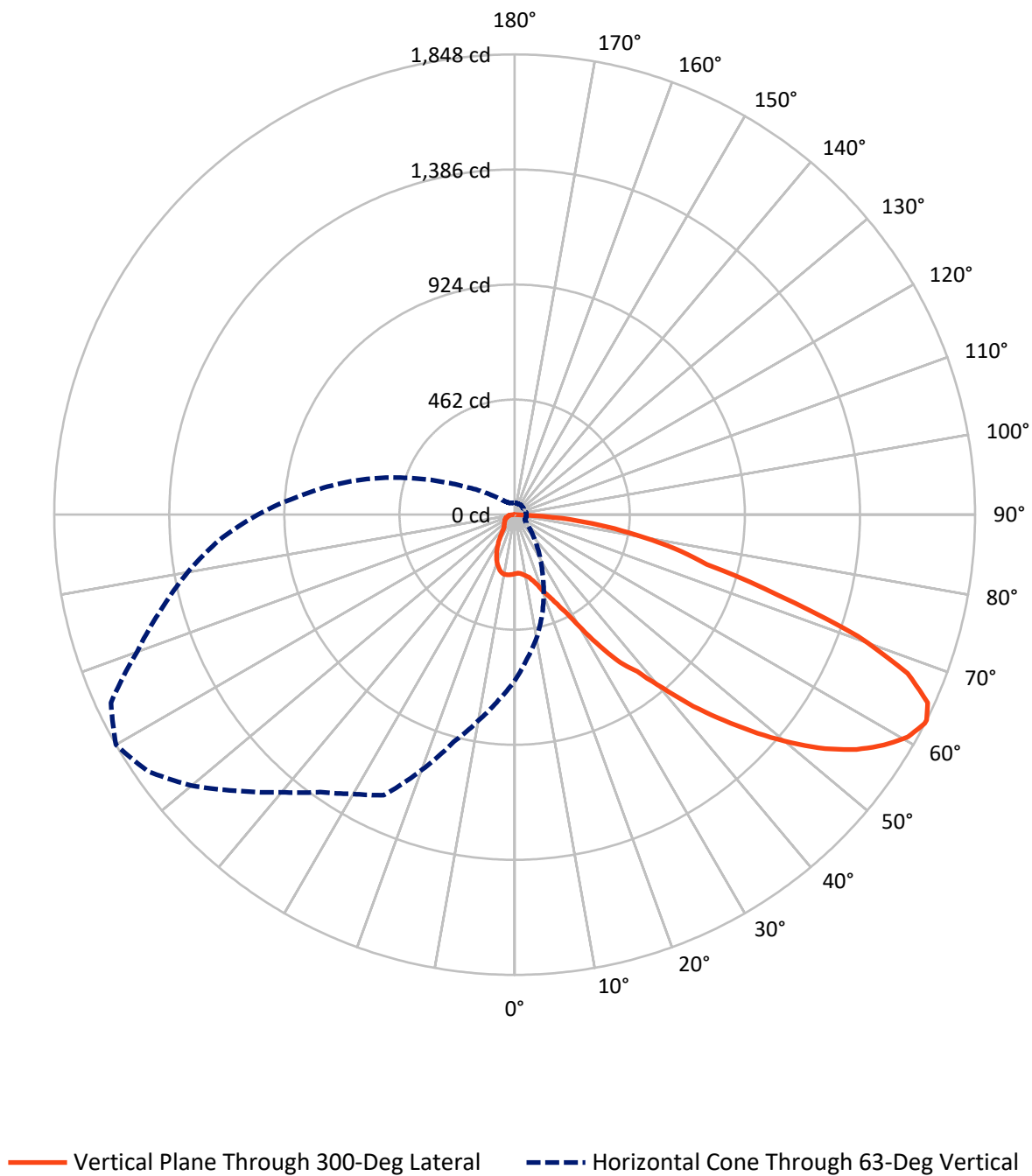


Based on 10 foot mounting height. Maximum calculated value = 3 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	409.5	0.0	409.5
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1478.8	0.0	1478.8
	% Fixture	78.3	0.0	78.3
Total	Lumens	1888.3	0.0	1888.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.1	1.2
10°-20°	71.9	3.8
20°-30°	127.8	6.8
30°-40°	201.3	10.7
40°-50°	296.2	15.7
50°-60°	393.4	20.8
60°-70°	433.4	23.0
70°-80°	271.9	14.4
80°-90°	69.3	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°	1888.3	100.0
0°-180°	1888.3	100.0

Coefficient of Utilization



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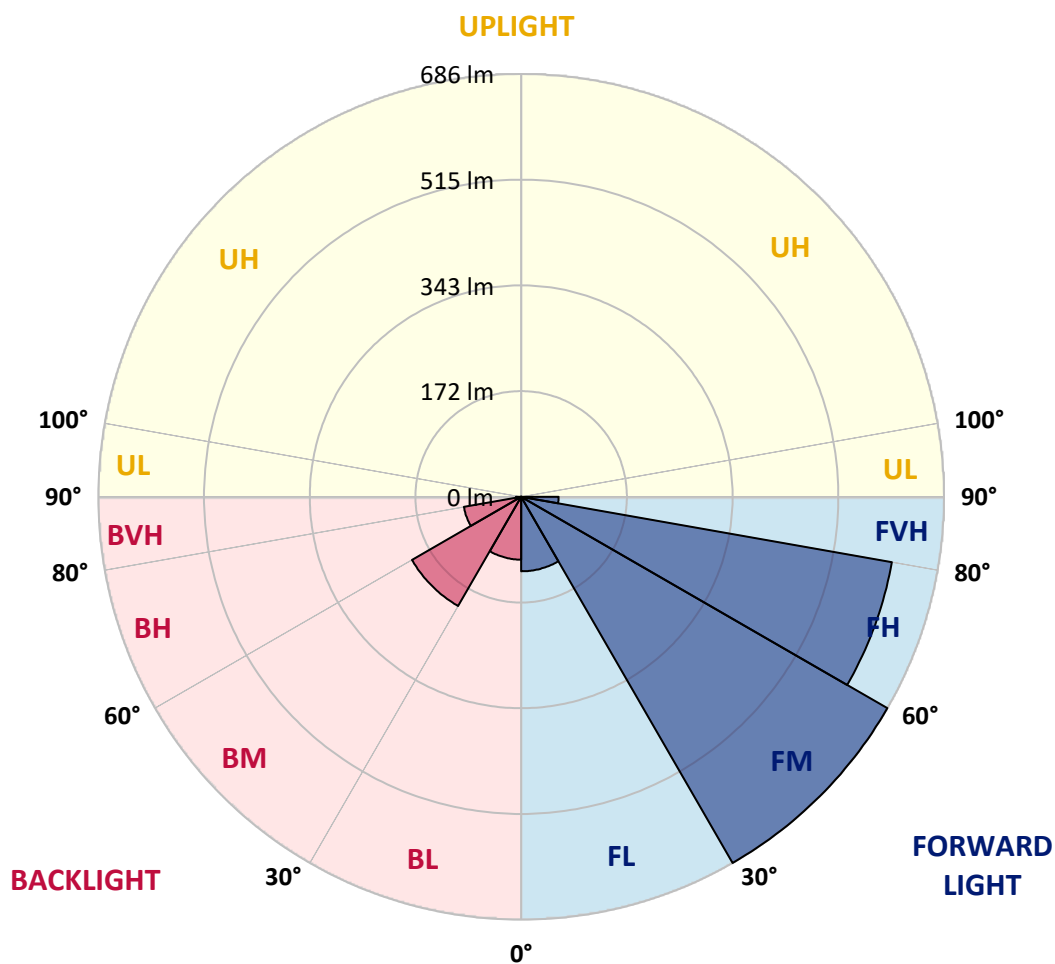
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	120.9	6.4			
FM	(30°-60°)	686.2	36.3			
FH	(60°-80°)	610.9	32.4			G0/660
FVH	(80°-90°)	60.8	3.2			G1/100
BL	(0°-30°)	101.9	5.4	B0/110		
BM	(30°-60°)	204.7	10.8	B0/220		
BH	(60°-80°)	94.4	5.0	B0/110		G0/110
BVH	(80°-90°)	8.5	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°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3
2.5°	234.1	234.8	234.6	234.6	235.0	234.8	234.8	235.0	235.0	235.7	236.6
5°	232.3	232.1	231.6	232.1	232.1	232.1	231.2	231.9	232.1	232.5	232.5
7.5°	234.6	233.9	233.0	233.2	233.2	232.8	232.1	232.3	232.1	232.1	231.9
10°	237.5	235.9	234.8	234.8	234.8	234.4	233.2	233.9	233.9	233.7	233.9
12.5°	242.7	240.9	239.6	239.1	239.1	238.4	237.5	238.4	238.0	238.0	237.5
15°	251.3	249.3	247.7	246.3	246.6	246.6	245.4	244.8	243.9	242.7	240.5
17.5°	264.2	262.0	259.9	258.8	259.0	257.4	254.3	251.1	246.8	242.5	237.7
20°	282.5	281.9	279.1	278.0	275.3	271.5	262.6	255.2	246.8	238.7	230.5
22.5°	314.2	311.0	308.3	304.0	295.0	284.3	269.6	256.5	243.4	231.9	221.0
25°	356.7	351.1	337.7	324.6	306.1	287.1	267.2	250.2	233.9	218.7	205.4
27.5°	398.6	381.4	357.6	333.9	306.7	281.9	257.0	236.8	217.8	201.3	186.6
30°	449.3	420.3	383.9	346.3	307.9	274.4	244.5	221.0	199.1	181.6	166.3
32.5°	496.8	454.9	407.2	357.9	310.4	267.4	230.3	203.6	181.0	159.0	143.9
35°	529.3	475.0	417.1	359.0	304.3	254.0	212.4	181.0	158.3	138.0	120.1
37.5°	548.8	483.9	417.6	350.9	290.0	235.9	189.8	158.6	137.8	118.3	104.3
40°	561.0	485.9	411.7	339.1	271.9	213.1	167.2	139.1	120.1	104.5	93.7
42.5°	566.9	482.7	402.2	324.2	253.6	192.7	151.3	124.9	108.4	97.3	89.1
45°	567.8	477.1	392.0	310.6	237.3	178.0	140.5	119.0	105.4	96.1	88.0
47.5°	567.8	472.1	383.9	300.6	226.7	171.7	139.6	121.5	108.1	97.7	88.0
50°	568.2	470.5	380.5	295.7	223.0	175.1	147.3	129.2	114.0	100.4	87.8
52.5°	570.3	472.6	383.2	299.5	229.6	188.7	161.7	140.7	121.7	103.6	87.8
55°	574.8	479.3	394.7	312.8	247.2	209.2	179.2	153.1	127.8	105.0	86.4
57.5°	587.5	496.5	415.8	338.6	277.3	233.0	195.0	162.0	130.1	103.8	83.7
60°	612.8	530.7	451.7	374.8	309.2	253.4	204.3	163.3	128.0	100.2	79.4
62.5°	653.3	569.8	495.4	414.2	337.5	264.7	205.4	159.9	122.6	93.7	73.1
63°	667.3	579.6	504.7	421.7	341.1	265.6	204.5	158.6	121.2	91.8	72.2
65°	706.5	620.5	536.8	447.9	351.3	265.8	199.5	151.8	114.9	84.8	65.8
67.5°	779.5	674.3	577.3	468.5	354.9	258.6	186.8	139.1	101.6	74.0	57.9
70°	825.7	704.4	592.9	468.9	344.3	238.0	164.9	118.5	84.6	61.3	49.8
72.5°	813.7	674.8	551.7	426.6	298.4	198.8	132.6	93.2	66.1	49.1	41.4
75°	697.0	561.7	450.2	330.5	225.5	146.1	97.0	66.5	48.9	38.5	34.6
77.5°	501.7	404.2	322.8	235.5	152.0	94.6	64.5	47.5	37.1	31.7	28.5
80°	319.6	237.1	197.5	141.6	88.9	58.6	44.3	36.0	30.5	26.5	24.4
82.5°	166.9	117.0	95.0	72.4	49.3	38.7	32.6	29.4	25.1	21.9	20.8
85°	104.1	69.0	51.1	35.7	24.7	22.2	20.4	19.9	17.9	15.8	15.2
87.5°	11.8	10.6	11.1	7.0	5.2	5.7	5.4	7.2	7.0	5.2	5.4
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°	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3
2.5°	235.7	236.2	236.2	236.8	236.8	237.3	237.7	237.7	238.2	238.4	238.9
5°	233.0	233.0	233.0	233.9	234.1	235.5	235.9	236.4	236.8	238.4	239.3
7.5°	232.3	231.4	231.9	231.9	232.5	233.7	234.8	235.5	236.2	238.2	239.6
10°	233.7	233.0	232.3	232.3	232.5	233.0	233.9	234.6	235.0	237.1	238.2
12.5°	237.3	235.7	234.4	233.2	232.3	232.1	231.6	231.9	232.3	233.4	235.0
15°	238.0	235.0	232.1	229.2	226.9	225.5	224.4	223.9	223.9	224.6	226.4
17.5°	233.4	228.5	224.2	220.3	217.8	215.4	214.2	213.3	212.9	213.8	214.0
20°	223.7	217.8	212.0	207.4	202.9	202.2	200.4	200.9	201.3	202.7	203.4
22.5°	210.4	203.4	196.1	191.4	187.8	184.6	182.6	183.5	184.1	185.5	186.2
25°	194.1	183.9	176.2	171.5	167.6	164.9	162.6	163.6	162.6	164.2	166.7
27.5°	174.9	162.9	154.7	149.3	146.6	144.3	142.1	142.1	144.3	144.3	146.4
30°	151.6	142.7	132.1	126.5	123.1	121.7	121.5	121.0	122.6	123.5	125.8
32.5°	129.6	118.8	108.6	103.2	100.2	98.6	98.9	99.1	99.8	101.1	104.7
35°	107.4	97.9	90.7	84.6	81.7	78.7	78.7	78.3	78.9	80.5	84.8
37.5°	93.2	84.8	79.2	74.4	71.5	69.7	68.1	67.4	67.4	68.1	69.7
40°	85.3	79.2	74.0	69.9	67.2	65.6	64.7	64.0	63.6	63.6	63.8
42.5°	81.7	75.3	70.1	66.5	64.5	63.6	63.3	63.1	62.4	62.2	62.0
45°	79.9	72.6	66.7	63.8	62.2	61.8	62.0	62.0	61.8	61.3	60.4
47.5°	78.5	70.1	64.2	61.5	60.9	60.9	60.9	60.9	60.6	60.4	59.7
50°	76.2	66.3	59.9	57.9	57.5	57.5	57.7	57.7	58.1	57.7	57.2
52.5°	73.7	62.7	56.3	54.5	54.3	54.1	54.1	54.1	54.3	54.3	54.1
55°	71.0	59.9	54.5	53.2	53.4	53.2	52.9	52.7	52.7	52.5	52.0
57.5°	68.3	57.7	53.2	52.3	52.5	52.5	52.0	51.6	51.3	50.7	50.2
60°	64.2	54.5	50.4	50.0	50.7	50.7	50.7	50.4	50.4	50.2	49.1
62.5°	58.8	50.0	46.8	47.1	47.3	47.7	47.7	47.7	47.7	47.3	46.1
63°	57.7	49.1	46.1	46.1	46.8	46.8	47.1	46.8	47.1	46.6	45.2
65°	53.2	46.1	43.9	44.1	44.6	44.6	44.6	44.3	44.3	43.7	43.0
67.5°	48.0	42.5	41.2	41.4	41.6	42.1	41.8	41.8	42.1	41.6	40.9
70°	42.1	38.7	37.8	38.0	38.2	38.2	38.0	38.0	38.2	37.8	37.1
72.5°	37.6	36.2	35.5	35.5	35.1	35.1	34.6	34.4	34.2	34.2	33.5
75°	31.7	31.4	31.7	32.1	31.7	31.2	31.0	30.3	29.9	29.9	29.6
77.5°	27.1	27.1	27.6	28.3	28.5	28.5	27.8	26.7	26.5	26.5	26.5
80°	23.5	23.1	23.1	23.8	24.4	24.2	23.1	21.9	21.9	23.1	23.3
82.5°	20.6	20.6	19.9	20.1	19.9	19.7	18.5	17.9	17.6	18.5	19.5
85°	16.3	16.5	16.3	16.1	15.8	15.2	14.3	13.6	13.3	14.3	15.6
87.5°	6.6	6.3	6.1	6.3	6.1	6.6	6.3	5.9	5.7	6.3	7.7
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°	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3
2.5°	239.1	239.6	240.0	240.0	240.5	240.2	240.5	240.7	240.7	240.9	240.9
5°	240.5	241.1	242.0	242.9	243.2	243.9	244.5	244.1	244.8	245.7	245.7
7.5°	240.9	242.5	243.2	244.5	244.8	245.7	247.2	246.1	247.5	248.2	248.4
10°	240.2	241.8	242.9	244.5	245.2	246.8	248.4	247.9	249.5	250.6	250.9
12.5°	236.2	237.7	240.2	242.5	244.3	246.8	249.7	248.8	251.1	252.5	253.1
15°	228.2	229.8	232.5	236.2	239.6	243.4	247.2	247.9	250.2	251.8	252.5
17.5°	215.8	217.8	220.8	224.6	228.9	235.5	240.5	242.9	246.1	247.0	248.2
20°	204.3	206.3	208.1	210.4	213.5	219.9	226.4	231.4	235.5	238.9	239.8
22.5°	188.9	190.7	193.0	194.8	197.0	201.6	207.0	212.6	219.0	221.0	223.3
25°	170.3	171.5	174.6	175.8	177.3	181.2	185.5	189.6	195.7	200.0	201.1
27.5°	150.4	151.6	154.5	155.2	157.2	160.8	164.0	165.6	171.2	175.8	179.4
30°	127.4	130.3	133.9	134.4	136.6	138.9	141.8	143.4	148.6	153.4	157.9
32.5°	107.4	110.4	113.3	115.1	116.3	118.1	121.0	122.6	127.6	131.9	136.4
35°	87.1	90.7	93.9	96.4	97.3	99.5	101.8	103.4	108.6	112.4	115.6
37.5°	71.7	74.4	77.8	80.3	82.8	84.4	87.1	89.4	92.5	94.6	97.9
40°	64.2	65.6	67.4	69.4	71.5	73.3	75.3	77.1	79.2	81.9	84.2
42.5°	61.8	62.0	62.0	62.7	63.8	64.7	66.5	67.9	69.2	71.3	72.4
45°	59.9	59.7	59.3	58.8	59.0	59.5	60.6	61.5	63.1	64.0	64.2
47.5°	59.0	58.1	57.2	56.6	56.3	56.6	57.5	58.4	59.3	59.9	60.2
50°	56.1	55.4	54.1	53.2	52.7	53.2	54.3	54.7	55.6	56.3	56.6
52.5°	53.2	52.3	51.3	50.4	50.4	50.7	51.6	52.5	53.4	53.6	54.1
55°	51.3	50.0	49.1	48.4	48.0	48.6	49.3	50.4	51.6	51.8	52.3
57.5°	49.5	48.2	47.3	46.6	46.1	46.8	47.5	49.1	50.4	50.4	50.4
60°	48.4	47.3	45.9	45.2	44.6	45.2	46.1	47.7	49.1	48.9	48.6
62.5°	45.2	44.1	43.4	43.4	42.8	43.9	44.8	46.6	46.8	46.4	45.9
63°	44.3	43.4	43.0	43.0	42.5	43.7	44.6	46.1	46.1	45.7	45.2
65°	42.1	41.4	40.9	41.4	41.4	42.5	42.8	43.9	43.7	43.0	42.8
67.5°	40.3	39.8	39.4	39.4	39.4	39.6	39.8	40.3	40.0	39.8	40.0
70°	37.3	37.1	36.6	36.6	36.4	36.4	36.4	36.6	36.6	36.9	37.1
72.5°	33.7	33.3	33.3	33.5	33.0	33.3	33.5	33.3	33.7	33.7	33.9
75°	29.6	29.4	29.9	30.3	30.1	30.1	30.3	30.3	30.5	30.5	30.8
77.5°	26.5	26.7	26.9	27.4	27.6	27.6	27.6	27.4	27.6	27.6	27.8
80°	23.5	24.0	24.4	24.9	25.1	25.1	25.1	24.9	24.9	24.9	24.9
82.5°	21.3	21.9	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.2	21.7
85°	17.9	19.2	19.2	19.5	18.8	18.3	17.9	18.1	18.3	17.4	17.2
87.5°	9.0	9.0	9.5	10.0	10.2	10.2	11.5	10.9	10.6	10.4	10.0
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°	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3
2.5°	241.1	240.9	241.4	240.9	241.1	241.4	240.9	241.6	242.0	241.4	240.7
5°	246.1	246.1	247.2	247.7	247.9	249.3	248.6	249.1	249.5	249.3	249.5
7.5°	249.3	250.2	251.3	252.5	252.7	253.8	253.6	254.3	254.7	255.8	255.8
10°	252.0	253.1	254.7	255.8	257.0	257.9	258.3	259.7	259.9	260.8	260.8
12.5°	254.5	255.8	257.4	259.2	260.4	262.2	262.4	264.4	265.1	265.3	264.7
15°	254.0	255.6	257.4	259.5	261.5	263.8	265.1	267.2	268.3	268.7	267.6
17.5°	249.7	251.1	253.4	256.1	258.6	261.5	264.0	266.9	268.7	269.2	269.0
20°	241.4	242.3	245.2	248.8	251.8	256.3	259.9	264.4	267.4	269.6	270.3
22.5°	224.9	227.1	230.1	234.1	238.4	244.1	249.3	255.8	262.2	267.6	273.0
25°	204.9	209.0	213.5	219.0	224.2	230.1	235.9	243.4	252.7	264.0	276.9
27.5°	184.8	191.8	197.5	204.5	210.6	216.5	223.0	231.2	241.4	254.9	271.5
30°	164.5	172.4	178.5	186.6	194.8	202.7	209.2	217.8	227.8	241.6	259.7
32.5°	142.7	150.7	157.9	165.4	174.4	183.9	191.8	202.5	213.1	227.3	245.7
35°	120.3	127.4	133.5	141.4	151.3	161.5	171.9	184.1	195.7	210.6	230.1
37.5°	100.9	105.9	111.7	118.8	126.5	137.3	149.1	163.6	176.7	193.0	212.9
40°	84.8	87.5	90.9	96.8	103.8	114.5	126.0	141.4	157.2	175.1	194.3
42.5°	72.4	73.7	74.6	78.5	84.2	94.6	105.6	120.6	138.0	157.4	176.9
45°	64.2	64.9	65.1	67.2	71.3	80.3	91.8	104.5	121.2	140.3	160.6
47.5°	60.4	61.1	61.5	62.0	64.5	71.5	81.9	93.9	109.3	126.7	147.5
50°	57.2	57.9	58.6	58.4	59.5	64.0	72.8	83.9	98.4	114.5	135.0
52.5°	54.1	54.5	54.5	54.5	55.2	58.1	64.5	74.6	88.0	103.2	123.5
55°	52.3	52.7	52.9	53.2	53.4	55.0	59.7	67.9	79.4	93.4	111.7
57.5°	50.4	50.7	51.1	51.3	51.8	52.7	55.6	61.5	71.3	83.0	98.4
60°	48.9	49.3	50.2	50.4	50.9	51.1	52.5	56.1	62.4	71.5	83.9
62.5°	46.4	47.1	48.0	48.2	48.6	48.9	49.1	51.1	54.1	59.5	68.8
63°	45.7	46.4	47.5	47.7	48.0	48.0	48.2	49.5	52.3	57.0	63.8
65°	43.2	44.1	44.8	45.0	45.2	45.2	45.0	45.5	45.7	47.7	51.8
67.5°	40.5	41.2	41.6	41.8	41.6	41.8	41.6	41.2	40.7	41.2	43.0
70°	37.8	38.2	38.2	38.5	38.7	38.9	38.5	38.0	37.6	37.3	38.5
72.5°	34.6	35.1	35.1	35.3	35.3	35.7	35.7	35.5	35.5	35.7	36.0
75°	31.4	31.9	31.7	32.1	32.1	32.8	32.8	33.0	33.5	33.3	33.0
77.5°	28.5	28.7	28.7	29.0	29.2	30.3	31.0	31.2	31.2	30.8	30.3
80°	25.3	25.3	24.9	24.7	24.9	26.0	27.4	27.6	28.3	28.1	28.3
82.5°	21.3	20.4	19.7	19.7	20.1	20.8	21.3	21.7	22.2	22.2	22.6
85°	16.3	15.4	14.7	14.9	15.6	15.8	15.6	15.6	16.5	17.2	16.5
87.5°	9.7	8.8	8.4	7.7	7.9	8.6	8.4	7.7	7.9	6.3	5.9
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°	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3
2.5°	241.1	240.9	240.5	239.8	239.6	239.1	239.3	238.7	238.2	237.7	237.1
5°	249.5	249.5	248.2	248.2	247.5	247.2	245.7	245.0	243.6	244.1	242.5
7.5°	255.4	256.1	254.5	254.3	253.4	253.1	251.1	250.4	249.3	248.8	247.5
10°	259.7	259.7	257.7	256.1	254.9	253.8	251.8	250.9	250.0	250.2	249.3
12.5°	263.1	261.5	258.6	256.3	254.7	253.6	252.0	251.3	251.1	252.7	252.9
15°	265.8	263.5	259.9	258.3	257.0	256.7	256.7	257.4	259.0	262.0	264.2
17.5°	267.4	266.0	264.2	263.8	266.0	267.4	269.2	271.2	273.5	277.6	280.0
20°	270.3	271.2	272.6	274.4	278.0	281.4	283.7	286.6	289.3	294.3	298.4
22.5°	278.0	283.2	287.5	291.1	296.6	301.3	304.3	308.3	310.4	313.8	320.1
25°	288.0	298.6	307.6	315.3	323.7	328.7	332.8	338.0	341.1	346.8	352.4
27.5°	285.0	300.2	313.8	328.0	339.5	352.4	361.5	370.1	375.5	383.9	391.3
30°	276.0	294.1	312.4	331.2	349.5	368.0	385.2	400.8	412.8	424.8	437.0
32.5°	263.8	284.6	307.0	330.0	354.0	379.8	403.6	427.1	447.0	464.4	481.4
35°	249.7	273.3	296.6	325.1	354.7	387.5	420.5	453.1	483.4	514.2	535.0
37.5°	233.0	257.0	283.0	315.8	350.6	391.1	433.2	475.7	518.7	560.1	596.1
40°	215.1	239.6	266.9	302.4	341.8	388.9	441.3	498.6	557.6	617.6	665.3
42.5°	199.3	224.4	254.3	290.2	333.0	385.9	447.9	518.2	590.4	664.6	734.7
45°	183.9	211.5	242.9	281.6	329.1	388.2	457.6	536.6	619.8	709.8	795.4
47.5°	170.1	198.2	228.7	271.0	323.5	389.3	467.1	554.9	647.6	745.1	846.7
50°	157.7	184.8	214.9	257.4	314.7	388.6	475.7	571.4	671.6	773.0	886.3
52.5°	145.5	173.1	203.8	244.3	303.8	384.8	479.8	585.0	693.8	801.0	918.2
55°	133.5	160.6	191.6	231.9	289.5	374.8	479.3	593.8	711.4	827.5	949.0
57.5°	119.4	145.2	175.5	218.1	274.4	359.4	472.6	597.9	726.6	853.7	985.8
60°	102.0	126.2	155.4	197.9	254.5	339.8	458.3	595.6	735.4	873.2	1017.3
62.5°	80.5	101.6	128.3	169.9	229.6	311.5	431.6	575.0	721.4	870.5	1032.0
63°	76.0	95.9	121.9	163.1	219.0	303.8	423.7	566.9	714.6	864.8	1029.9
65°	61.1	74.0	94.8	131.7	183.2	266.0	384.3	525.0	678.2	825.0	1000.5
67.5°	46.8	53.4	64.5	90.3	129.6	209.2	311.3	445.0	588.6	726.6	905.7
70°	40.0	43.0	47.7	59.9	82.3	132.1	218.5	331.9	456.3	575.9	737.0
72.5°	36.4	37.8	40.3	45.5	56.6	79.2	139.3	216.0	310.4	410.6	535.0
75°	33.5	34.6	36.6	39.4	43.4	52.7	79.4	132.1	201.8	269.6	361.0
77.5°	30.5	31.2	33.5	36.0	38.7	43.4	52.5	76.0	116.0	159.0	217.6
80°	28.1	27.6	29.2	33.3	36.0	38.7	41.4	49.3	66.1	87.1	117.6
82.5°	22.4	22.8	24.2	28.3	29.4	28.7	29.2	30.5	36.9	40.3	60.2
85°	15.2	14.0	13.8	14.3	14.3	13.6	13.6	13.3	14.7	16.7	28.7
87.5°	4.1	2.0	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°	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	237.3	0°
2.5°	236.6	236.4	236.6	235.5	235.5	235.3	235.0	234.6	234.6	233.7	234.4	2.5°
5°	241.1	240.7	239.8	238.4	237.7	236.8	236.8	235.9	235.3	234.4	234.6	5°
7.5°	246.3	246.6	245.0	243.9	243.4	242.5	242.7	241.4	241.6	240.9	240.5	7.5°
10°	249.3	249.3	249.7	249.5	250.0	250.0	250.6	249.7	249.3	248.6	248.6	10°
12.5°	254.0	254.9	256.7	256.7	258.1	258.6	258.8	259.2	258.3	257.9	256.3	12.5°
15°	265.8	268.1	269.6	271.9	274.6	275.5	275.5	274.6	274.2	273.5	270.5	15°
17.5°	285.3	290.2	291.6	295.2	295.7	296.8	300.0	298.1	297.0	292.3	291.4	17.5°
20°	305.2	311.5	317.8	322.3	324.6	329.1	329.8	328.9	324.4	319.9	317.8	20°
22.5°	329.1	338.6	345.9	352.9	356.3	358.5	363.5	362.4	358.8	352.0	349.3	22.5°
25°	363.1	374.8	382.5	391.1	395.6	397.9	402.9	402.9	399.0	397.0	396.8	25°
27.5°	405.8	420.3	433.0	435.9	447.7	450.4	455.1	455.1	451.5	449.0	461.0	27.5°
30°	453.3	468.5	490.4	505.1	519.4	533.4	533.2	534.1	538.4	540.6	545.8	30°
32.5°	500.8	519.6	542.9	574.8	605.3	631.4	665.1	686.5	680.0	661.7	654.4	32.5°
35°	558.5	579.3	607.6	639.7	695.6	729.3	745.6	757.1	758.5	761.0	766.2	35°
37.5°	622.8	657.6	690.4	726.8	757.8	798.7	836.5	866.8	873.9	888.1	880.0	37.5°
40°	704.0	742.9	777.3	824.3	865.9	915.2	969.3	1010.9	1027.7	1022.2	981.5	40°
42.5°	789.0	837.2	877.5	932.9	987.0	1052.1	1108.0	1166.1	1176.5	1134.7	1073.8	42.5°
45°	867.3	927.0	977.0	1034.7	1100.7	1178.8	1253.4	1313.2	1311.1	1239.4	1158.0	45°
47.5°	937.6	1010.9	1072.0	1147.1	1218.1	1311.1	1396.8	1441.0	1414.9	1330.1	1230.4	47.5°
50°	995.8	1087.2	1162.5	1238.5	1328.8	1440.7	1523.3	1548.2	1498.0	1405.7	1300.7	50°
52.5°	1042.6	1157.3	1241.9	1329.4	1443.4	1561.3	1632.3	1623.1	1558.1	1463.4	1358.8	52.5°
55°	1082.2	1210.9	1311.8	1415.2	1556.6	1665.1	1712.4	1687.5	1596.8	1500.7	1398.7	55°
57.5°	1123.1	1262.9	1376.0	1495.9	1653.4	1746.6	1772.8	1721.7	1615.1	1514.9	1415.9	57.5°
60°	1164.1	1306.4	1432.8	1566.5	1726.7	1813.1	1805.8	1729.4	1609.7	1504.5	1404.3	60°
62.5°	1191.7	1332.2	1465.8	1609.9	1781.6	1847.0	1802.7	1702.0	1578.3	1463.6	1369.9	62.5°
63°	1192.4	1333.1	1467.9	1612.9	1787.7	1848.1	1796.6	1692.3	1568.3	1455.2	1359.8	63°
65°	1178.1	1316.1	1449.8	1599.5	1782.5	1822.1	1743.9	1634.8	1511.5	1397.3	1306.8	65°
67.5°	1105.3	1246.0	1364.0	1505.2	1689.3	1700.6	1602.7	1514.7	1403.9	1285.6	1191.0	67.5°
70°	958.5	1075.4	1191.2	1309.1	1463.6	1461.5	1369.5	1324.7	1227.6	1092.8	1017.0	70°
72.5°	762.3	867.3	948.7	1027.7	1129.5	1108.9	1049.6	1062.1	999.2	898.5	853.5	72.5°
75°	566.0	681.3	721.2	753.3	796.3	796.5	812.8	848.1	847.2	791.3	734.5	75°
77.5°	371.2	497.4	510.8	536.6	588.1	658.3	730.7	808.5	827.9	783.8	699.9	77.5°
80°	207.0	338.2	322.8	345.0	400.6	495.9	602.6	688.6	739.3	714.6	625.7	80°
82.5°	105.9	195.0	186.4	217.2	262.2	345.0	415.5	481.6	541.3	537.9	504.2	82.5°
85°	55.0	106.8	121.5	137.5	160.2	189.8	216.5	235.7	260.6	304.5	319.4	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0	16.3	11.8	32.3	46.1	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°
237.3	237.3	237.3	237.3	237.3	237.3	237.3
234.6	234.8	234.4	234.4	234.6	234.6	234.1
234.1	234.1	233.7	233.2	232.8	232.8	232.3
239.3	239.3	237.7	237.1	235.9	235.0	234.6
247.0	245.7	243.9	242.5	240.7	238.7	237.5
254.7	252.7	250.4	248.4	246.1	243.9	242.7
267.4	264.7	261.7	259.2	256.1	252.7	251.3
286.8	282.5	278.7	275.1	269.4	266.9	264.2
312.6	306.3	301.3	295.2	288.2	285.9	282.5
343.8	338.4	328.5	323.9	316.9	313.5	314.2
391.3	384.3	372.8	368.5	367.8	360.4	356.7
453.3	453.8	443.1	431.6	425.3	413.5	398.6
541.5	535.4	523.0	511.2	496.3	474.1	449.3
648.3	634.7	614.2	592.2	565.8	531.6	496.8
752.6	728.8	696.0	659.4	621.2	578.6	529.3
844.2	807.3	758.3	716.2	662.1	609.0	548.8
927.9	882.2	818.9	764.4	700.6	632.3	561.0
1008.9	951.0	873.4	799.7	727.5	647.9	566.9
1086.0	1011.4	919.3	831.5	747.2	658.0	567.8
1145.3	1063.9	960.5	854.6	760.7	665.7	567.8
1200.3	1108.2	991.9	872.7	773.4	670.9	568.2
1243.0	1139.4	1012.3	885.6	783.4	674.8	570.3
1274.0	1159.8	1025.9	893.5	790.6	680.2	574.8
1295.7	1173.1	1033.3	900.5	799.4	689.7	587.5
1306.1	1197.8	1045.8	914.6	814.6	709.8	612.8
1298.2	1236.0	1081.3	938.3	835.6	741.3	653.3
1294.8	1243.0	1091.0	943.5	840.4	748.1	667.3
1268.4	1250.0	1131.1	969.8	863.0	778.2	706.5
1186.2	1222.4	1164.8	1014.1	911.6	851.2	779.5
1079.9	1181.5	1158.6	1019.8	942.6	911.2	825.7
952.6	1057.8	1036.5	944.4	908.5	911.9	813.7
749.7	828.6	814.6	782.2	789.5	814.4	697.0
600.6	590.0	557.6	559.9	601.7	630.9	501.7
490.7	397.2	355.2	356.3	429.3	459.7	319.6
466.9	375.7	306.1	267.4	312.4	300.9	166.9
332.5	333.2	276.4	224.6	217.6	185.0	104.1
78.7	63.1	45.0	33.5	35.3	23.3	11.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)