

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: P181062

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181062
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-F01-LED-E1-SLR-7030
Description: ICON SITE MEDIUM 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: 1951.6 lumens
Efficiency: N/A
Efficacy: 75.4 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

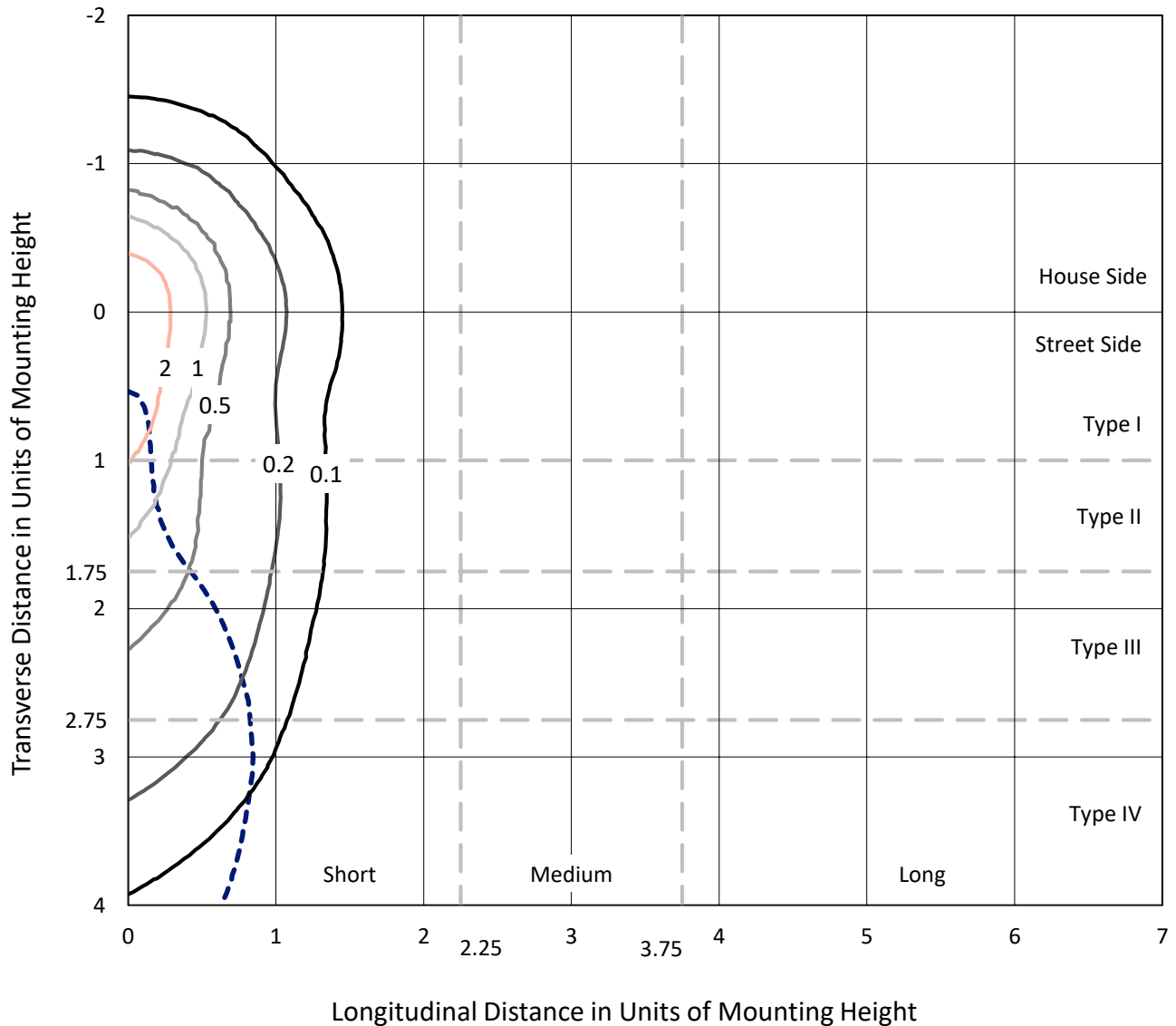


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Iso-Footcandle Lines of Horizontal Illumination

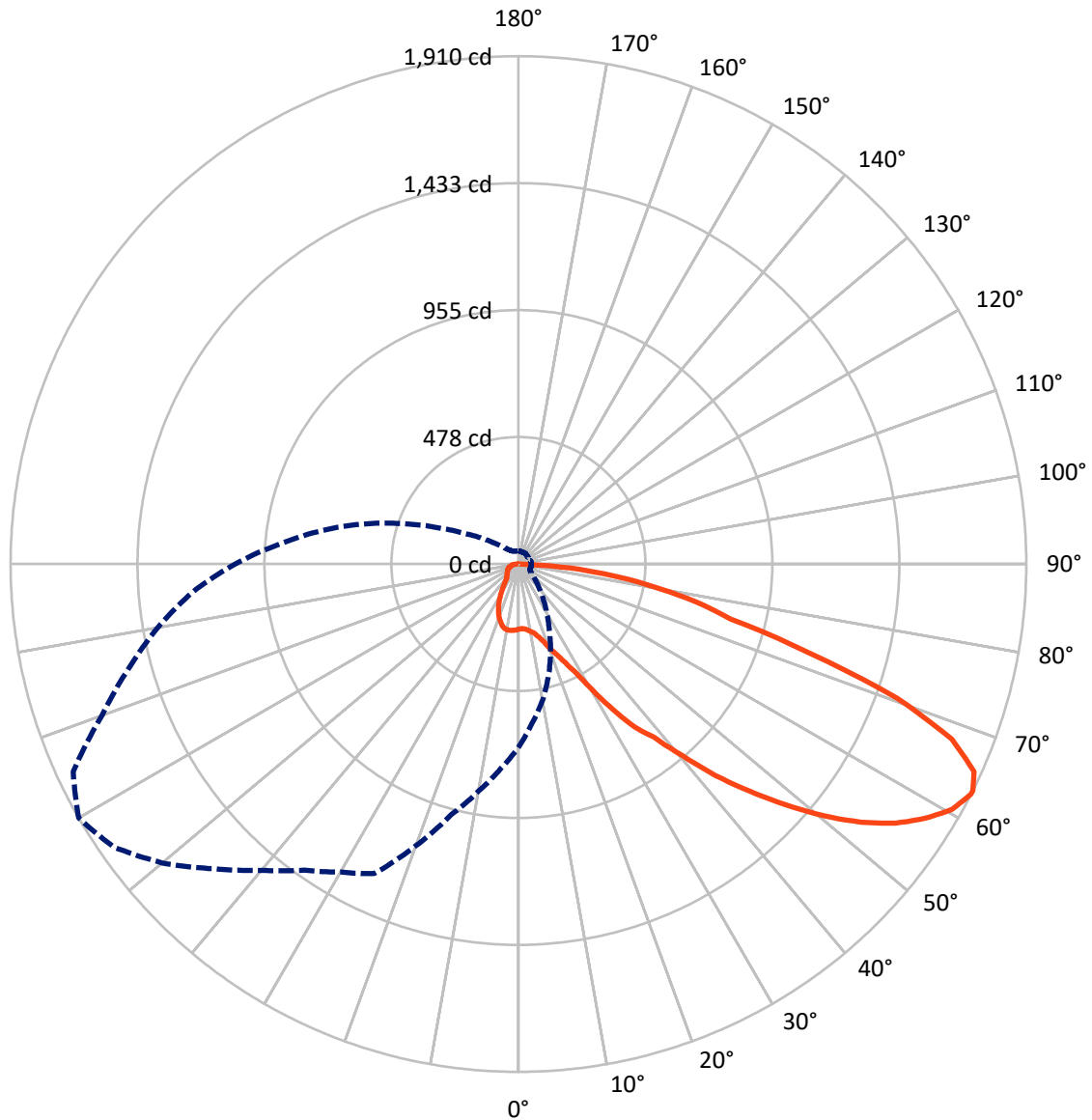
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.1 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	423.2	0.0	423.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1528.4	0.0	1528.4
	% Fixture	78.3	0.0	78.3
Total	Lumens	1951.6	0.0	1951.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.9	1.2
10°-20°	74.4	3.8
20°-30°	132.1	6.8
30°-40°	208.0	10.7
40°-50°	306.1	15.7
50°-60°	406.6	20.8
60°-70°	447.9	23.0
70°-80°	281.0	14.4
80°-90°	71.6	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°	1951.6	100.0
0°-180°	1951.6	100.0



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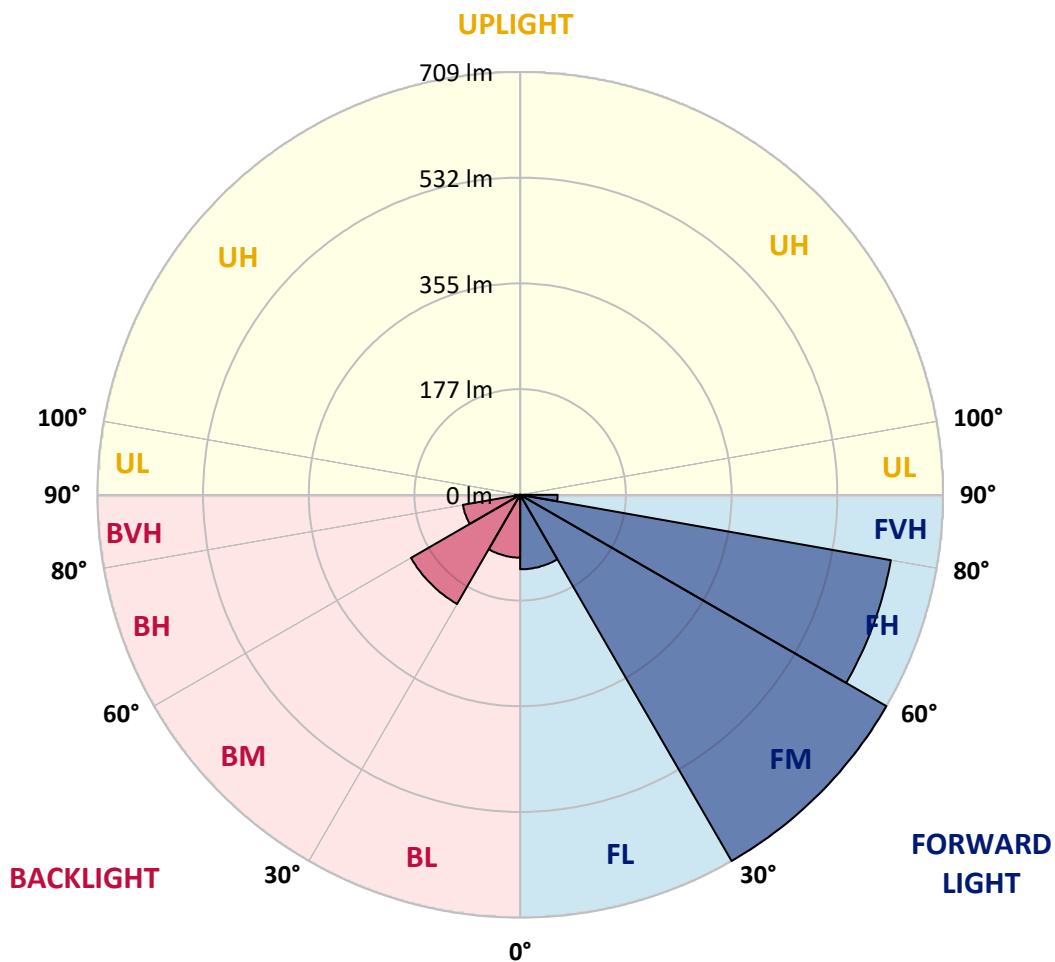
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	125.0	6.4			
FM	(30°-60°)	709.3	36.3			
FH	(60°-80°)	631.4	32.4			G0/660
FVH	(80°-90°)	62.8	3.2			G1/100
BL	(0°-30°)	105.4	5.4	B0/110		
BM	(30°-60°)	211.5	10.8	B0/220		
BH	(60°-80°)	97.6	5.0	B0/110		G0/110
BVH	(80°-90°)	8.8	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°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2
2.5°	242.0	242.7	242.4	242.4	242.9	242.7	242.7	242.9	242.9	243.6	244.6
5°	240.1	239.9	239.4	239.9	239.9	239.9	239.0	239.6	239.9	240.4	240.4
7.5°	242.4	241.8	240.8	241.0	241.0	240.6	239.9	240.1	239.9	239.9	239.6
10°	245.5	243.8	242.7	242.7	242.7	242.2	241.0	241.8	241.8	241.5	241.8
12.5°	250.9	249.0	247.6	247.2	247.2	246.4	245.5	246.4	246.0	246.0	245.5
15°	259.7	257.7	256.0	254.6	254.9	254.9	253.7	252.9	252.0	250.9	248.6
17.5°	273.1	270.7	268.7	267.4	267.7	266.0	262.8	259.5	255.1	250.6	245.7
20°	292.0	291.4	288.5	287.4	284.6	280.6	271.4	263.7	255.1	246.7	238.2
22.5°	324.7	321.5	318.7	314.2	304.8	293.9	278.7	265.1	251.5	239.6	228.5
25°	368.7	362.9	349.0	335.5	316.4	296.7	276.1	258.6	241.8	226.0	212.3
27.5°	411.9	394.1	369.7	345.1	317.0	291.4	265.6	244.7	225.1	208.1	192.8
30°	464.3	434.4	396.7	358.0	318.2	283.6	252.7	228.5	205.8	187.7	171.8
32.5°	513.4	470.1	420.8	369.9	320.7	276.4	238.0	210.4	187.1	164.4	148.7
35°	547.1	491.0	431.2	371.1	314.4	262.5	219.5	187.1	163.6	142.6	124.2
37.5°	567.2	500.1	431.6	362.6	299.7	243.8	196.2	163.9	142.4	122.2	107.8
40°	579.8	502.2	425.5	350.4	281.0	220.3	172.7	143.8	124.2	108.0	96.8
42.5°	585.9	498.9	415.7	335.1	262.0	199.2	156.4	129.0	112.0	100.6	92.1
45°	586.8	493.1	405.2	321.0	245.2	184.0	145.2	123.0	108.9	99.3	91.0
47.5°	586.8	487.9	396.7	310.7	234.2	177.5	144.3	125.6	111.7	101.0	91.0
50°	587.3	486.3	393.2	305.6	230.5	180.9	152.2	133.5	117.9	103.8	90.7
52.5°	589.4	488.4	396.1	309.6	237.3	195.0	167.2	145.4	125.8	107.1	90.7
55°	594.1	495.4	408.0	323.4	255.5	216.3	185.2	158.3	132.1	108.5	89.3
57.5°	607.2	513.2	429.7	350.0	286.6	240.8	201.5	167.4	134.4	107.3	86.5
60°	633.4	548.5	466.9	387.4	319.6	261.9	211.2	168.8	132.4	103.5	82.0
62.5°	675.2	588.9	512.0	428.1	348.8	273.6	212.3	165.3	126.7	96.8	75.5
63°	689.7	599.0	521.6	435.8	352.6	274.5	211.4	163.9	125.3	94.9	74.6
65°	730.1	641.3	554.8	462.9	363.1	274.7	206.2	156.8	118.8	87.6	68.0
67.5°	805.7	696.9	596.7	484.2	366.8	267.3	193.1	143.8	104.9	76.5	59.8
70°	853.4	728.0	612.7	484.7	355.8	246.0	170.4	122.5	87.4	63.3	51.4
72.5°	840.9	697.4	570.2	440.9	308.4	205.5	137.0	96.3	68.3	50.7	42.8
75°	720.4	580.6	465.2	341.6	233.1	151.1	100.3	68.7	50.5	39.7	35.8
77.5°	518.6	417.8	333.6	243.4	157.1	97.8	66.6	49.1	38.3	32.7	29.5
80°	330.3	245.0	204.1	146.3	91.9	60.6	45.9	37.2	31.5	27.3	25.2
82.5°	172.6	120.8	98.2	74.8	51.0	40.0	33.7	30.4	26.0	22.7	21.5
85°	107.5	71.3	52.8	36.9	25.5	22.9	21.0	20.6	18.5	16.4	15.6
87.5°	12.2	11.0	11.4	7.3	5.4	5.9	5.6	7.4	7.3	5.4	5.6
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°	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2
2.5°	243.6	244.1	244.1	244.7	244.7	245.2	245.7	245.7	246.2	246.4	246.9
5°	240.8	240.8	240.8	241.8	242.0	243.4	243.8	244.3	244.7	246.4	247.4
7.5°	240.1	239.2	239.6	239.6	240.4	241.5	242.7	243.4	244.1	246.2	247.6
10°	241.5	240.8	240.1	240.1	240.4	240.8	241.8	242.4	242.9	245.0	246.2
12.5°	245.2	243.6	242.2	241.0	240.1	239.9	239.4	239.6	240.1	241.3	242.9
15°	246.0	242.9	239.9	236.8	234.5	233.1	231.9	231.4	231.4	232.2	234.0
17.5°	241.3	236.1	231.7	227.7	225.1	222.6	221.4	220.5	220.0	220.9	221.2
20°	231.3	225.1	219.1	214.4	209.7	209.0	207.2	207.6	208.1	209.5	210.1
22.5°	217.4	210.1	202.7	197.8	194.0	190.8	188.7	189.6	190.3	191.7	192.4
25°	200.6	190.0	182.1	177.2	173.2	170.4	168.1	169.0	168.1	169.8	172.3
27.5°	180.7	168.4	159.9	154.3	151.5	149.1	146.8	146.8	149.1	149.1	151.3
30°	156.7	147.5	136.6	130.7	127.2	125.8	125.6	125.1	126.7	127.6	130.0
32.5°	134.0	122.7	112.2	106.6	103.5	102.0	102.1	102.4	103.1	104.5	108.3
35°	111.1	101.2	93.8	87.4	84.4	81.4	81.4	80.9	81.6	83.3	87.6
37.5°	96.3	87.6	81.9	76.9	73.9	72.0	70.4	69.7	69.7	70.4	72.0
40°	88.2	81.9	76.5	72.3	69.4	67.8	66.9	66.1	65.7	65.7	66.0
42.5°	84.4	77.9	72.5	68.7	66.6	65.7	65.5	65.2	64.6	64.3	64.1
45°	82.5	75.1	68.9	66.0	64.3	63.8	64.1	64.1	63.8	63.3	62.4
47.5°	81.1	72.5	66.4	63.6	62.9	62.9	62.9	62.9	62.7	62.4	61.8
50°	78.8	68.5	62.0	59.8	59.3	59.3	59.6	59.6	60.1	59.6	59.2
52.5°	76.2	64.7	58.2	56.4	56.1	55.9	55.9	55.9	56.1	56.1	55.9
55°	73.4	62.0	56.4	55.0	55.2	55.0	54.7	54.5	54.5	54.2	53.8
57.5°	70.6	59.6	55.0	54.0	54.2	54.2	53.8	53.3	53.1	52.4	51.9
60°	66.4	56.4	52.1	51.6	52.4	52.4	52.4	52.1	52.1	51.9	50.7
62.5°	60.7	51.6	48.4	48.7	48.8	49.3	49.3	49.3	49.3	48.8	47.7
63°	59.6	50.7	47.7	47.7	48.4	48.4	48.7	48.4	48.7	48.2	46.8
65°	55.0	47.7	45.4	45.6	46.0	46.0	46.0	45.9	45.9	45.1	44.5
67.5°	49.6	44.0	42.5	42.8	43.0	43.4	43.3	43.3	43.4	43.0	42.3
70°	43.4	40.0	39.1	39.3	39.5	39.5	39.3	39.3	39.5	39.1	38.3
72.5°	38.8	37.4	36.7	36.7	36.3	36.3	35.8	35.5	35.3	35.3	34.6
75°	32.7	32.5	32.7	33.2	32.7	32.3	32.0	31.3	30.9	30.9	30.6
77.5°	28.1	28.1	28.6	29.2	29.5	29.5	28.7	27.6	27.3	27.3	27.3
80°	24.3	23.8	23.8	24.6	25.2	25.0	23.8	22.7	22.7	23.8	24.1
82.5°	21.3	21.3	20.6	20.8	20.6	20.4	19.2	18.5	18.2	19.2	20.1
85°	16.8	17.0	16.8	16.6	16.4	15.6	14.7	14.0	13.8	14.7	16.1
87.5°	6.8	6.5	6.3	6.5	6.3	6.8	6.5	6.0	5.9	6.5	7.9
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2
2.5°	247.2	247.6	248.1	248.1	248.6	248.3	248.6	248.7	248.7	249.0	249.0
5°	248.6	249.2	250.1	251.1	251.4	252.0	252.7	252.3	252.9	253.9	253.9
7.5°	249.0	250.6	251.4	252.7	252.9	253.9	255.5	254.3	255.8	256.5	256.7
10°	248.3	250.0	251.1	252.7	253.4	255.1	256.7	256.3	257.9	259.1	259.3
12.5°	244.1	245.7	248.3	250.6	252.5	255.1	258.1	257.2	259.5	260.9	261.6
15°	235.9	237.6	240.4	244.1	247.6	251.5	255.5	256.3	258.6	260.2	260.9
17.5°	223.1	225.1	228.2	232.2	236.6	243.4	248.6	251.1	254.3	255.4	256.5
20°	211.2	213.2	215.1	217.4	220.7	227.3	234.0	239.2	243.4	246.9	247.8
22.5°	195.3	197.1	199.4	201.3	203.6	208.3	214.0	219.8	226.3	228.5	230.8
25°	176.1	177.2	180.5	181.7	183.3	187.3	191.7	195.9	202.2	206.7	207.8
27.5°	155.4	156.7	159.7	160.4	162.5	166.2	169.5	171.2	177.0	181.7	185.4
30°	131.6	134.7	138.4	138.9	141.2	143.5	146.6	148.2	153.6	158.5	163.2
32.5°	111.1	114.0	117.1	119.0	120.2	122.0	125.1	126.7	131.9	136.3	141.0
35°	90.0	93.8	97.0	99.6	100.6	102.9	105.2	106.9	112.2	116.2	119.4
37.5°	74.1	76.9	80.5	83.0	85.6	87.2	90.0	92.4	95.6	97.8	101.2
40°	66.4	67.8	69.7	71.8	73.9	75.7	77.9	79.7	81.9	84.7	87.0
42.5°	63.8	64.1	64.1	64.7	66.0	66.9	68.7	70.1	71.5	73.7	74.8
45°	62.0	61.8	61.2	60.7	61.0	61.5	62.7	63.6	65.2	66.1	66.4
47.5°	61.0	60.1	59.2	58.4	58.2	58.4	59.3	60.3	61.2	62.0	62.2
50°	58.0	57.3	55.9	55.0	54.5	55.0	56.1	56.6	57.5	58.2	58.4
52.5°	55.0	54.0	53.1	52.1	52.1	52.4	53.3	54.2	55.2	55.4	55.9
55°	53.1	51.6	50.7	50.0	49.6	50.2	51.0	52.1	53.3	53.6	54.0
57.5°	51.2	49.8	48.8	48.2	47.7	48.4	49.1	50.7	52.1	52.1	52.1
60°	50.0	48.8	47.4	46.8	46.0	46.8	47.7	49.3	50.7	50.5	50.2
62.5°	46.8	45.6	44.9	44.9	44.2	45.4	46.3	48.2	48.4	47.9	47.4
63°	45.9	44.9	44.5	44.5	44.0	45.1	46.0	47.7	47.7	47.3	46.8
65°	43.4	42.8	42.3	42.8	42.8	44.0	44.2	45.4	45.1	44.5	44.2
67.5°	41.6	41.1	40.7	40.7	40.7	40.9	41.1	41.6	41.4	41.1	41.4
70°	38.6	38.3	37.9	37.9	37.7	37.7	37.7	37.9	37.9	38.1	38.3
72.5°	34.8	34.3	34.3	34.6	34.1	34.3	34.6	34.3	34.8	34.8	35.1
75°	30.6	30.4	30.9	31.3	31.1	31.1	31.3	31.3	31.5	31.5	31.8
77.5°	27.3	27.6	27.8	28.3	28.6	28.6	28.6	28.3	28.6	28.6	28.7
80°	24.3	24.7	25.2	25.7	26.0	26.0	26.0	25.7	25.7	25.7	25.7
82.5°	22.0	22.7	23.2	23.3	23.3	23.3	23.3	23.3	23.3	22.9	22.4
85°	18.5	19.9	19.9	20.1	19.4	19.0	18.5	18.7	19.0	18.0	17.8
87.5°	9.4	9.4	9.9	10.3	10.5	10.5	11.9	11.3	11.0	10.8	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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2
2.5°	249.2	249.0	249.5	249.0	249.2	249.5	249.0	249.7	250.1	249.5	248.7
5°	254.3	254.3	255.5	256.0	256.3	257.7	256.9	257.4	257.9	257.7	257.9
7.5°	257.7	258.6	259.7	260.9	261.1	262.3	262.0	262.8	263.3	264.5	264.5
10°	260.5	261.6	263.3	264.5	265.6	266.5	267.0	268.4	268.7	269.6	269.6
12.5°	263.0	264.5	266.0	267.9	269.1	271.0	271.2	273.3	274.0	274.2	273.6
15°	262.5	264.2	266.0	268.2	270.2	272.7	274.0	276.1	277.3	277.8	276.6
17.5°	258.1	259.5	261.9	264.7	267.3	270.2	272.8	275.9	277.8	278.2	278.0
20°	249.5	250.4	253.4	257.2	260.2	264.9	268.7	273.3	276.4	278.7	279.4
22.5°	232.4	234.7	237.8	242.0	246.4	252.3	257.7	264.5	271.0	276.6	282.2
25°	211.8	216.0	220.7	226.3	231.7	237.8	243.8	251.5	261.1	272.8	286.1
27.5°	191.0	198.2	204.1	211.4	217.7	223.7	230.5	239.0	249.5	263.5	280.6
30°	170.0	178.1	184.5	192.8	201.3	209.5	216.3	225.1	235.4	249.7	268.4
32.5°	147.5	155.7	163.2	170.9	180.3	190.0	198.2	209.2	220.3	235.0	253.9
35°	124.4	131.6	138.0	146.1	156.4	167.0	177.7	190.3	202.2	217.7	237.8
37.5°	104.3	109.4	115.5	122.7	130.7	142.0	154.0	169.0	182.6	199.4	220.0
40°	87.6	90.5	94.0	100.1	107.3	118.3	130.2	146.1	162.5	180.9	200.8
42.5°	74.8	76.2	77.1	81.1	87.0	97.8	109.2	124.7	142.6	162.7	182.8
45°	66.4	67.1	67.3	69.4	73.7	83.0	94.9	108.0	125.3	144.9	166.0
47.5°	62.4	63.2	63.6	64.1	66.6	73.9	84.7	97.0	112.9	130.9	152.5
50°	59.2	59.8	60.6	60.3	61.5	66.1	75.3	86.7	101.7	118.3	139.5
52.5°	55.9	56.4	56.4	56.4	57.0	60.1	66.6	77.1	91.0	106.6	127.6
55°	54.0	54.5	54.7	55.0	55.2	56.8	61.8	70.1	82.0	96.6	115.5
57.5°	52.1	52.4	52.8	53.1	53.6	54.5	57.5	63.6	73.7	85.8	101.7
60°	50.5	51.0	51.9	52.1	52.6	52.8	54.2	58.0	64.6	73.9	86.7
62.5°	47.9	48.7	49.6	49.8	50.2	50.5	50.7	52.8	55.9	61.5	71.1
63°	47.3	47.9	49.1	49.3	49.6	49.6	49.8	51.2	54.0	58.9	66.0
65°	44.7	45.6	46.3	46.5	46.8	46.8	46.5	47.0	47.3	49.3	53.6
67.5°	41.9	42.5	43.0	43.3	43.0	43.3	43.0	42.5	42.0	42.5	44.5
70°	39.1	39.5	39.5	39.7	40.0	40.2	39.7	39.3	38.8	38.6	39.7
72.5°	35.8	36.3	36.3	36.5	36.5	36.9	36.9	36.7	36.7	36.9	37.2
75°	32.5	32.9	32.7	33.2	33.2	33.9	33.9	34.1	34.6	34.3	34.1
77.5°	29.5	29.7	29.7	30.0	30.1	31.3	32.0	32.3	32.3	31.8	31.3
80°	26.1	26.1	25.7	25.5	25.7	26.9	28.3	28.6	29.2	29.0	29.2
82.5°	22.0	21.0	20.4	20.4	20.8	21.5	22.0	22.4	22.9	22.9	23.3
85°	16.8	15.9	15.2	15.4	16.1	16.4	16.1	16.1	17.0	17.8	17.0
87.5°	10.0	9.1	8.7	7.9	8.2	8.9	8.7	7.9	8.2	6.5	6.0
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2
2.5°	249.2	249.0	248.6	247.8	247.6	247.2	247.4	246.7	246.2	245.7	245.0
5°	257.9	257.9	256.5	256.5	255.8	255.5	253.9	253.2	251.8	252.3	250.6
7.5°	264.0	264.7	263.0	262.8	261.9	261.6	259.5	258.8	257.7	257.2	255.8
10°	268.4	268.4	266.3	264.7	263.5	262.3	260.2	259.3	258.3	258.6	257.7
12.5°	271.9	270.2	267.3	264.9	263.3	262.0	260.5	259.7	259.5	261.1	261.4
15°	274.7	272.4	268.7	267.0	265.6	265.4	265.4	266.0	267.7	270.7	273.1
17.5°	276.4	275.0	273.1	272.7	275.0	276.4	278.2	280.3	282.7	286.9	289.4
20°	279.4	280.3	281.8	283.6	287.4	290.9	293.2	296.2	299.1	304.2	308.4
22.5°	287.4	292.7	297.1	300.9	306.5	311.4	314.4	318.7	320.7	324.3	330.8
25°	297.6	308.7	318.0	326.0	334.6	339.7	343.9	349.3	352.6	358.4	364.3
27.5°	294.6	310.2	324.3	339.0	350.9	364.3	373.6	382.5	388.1	396.7	404.5
30°	285.2	303.9	322.9	342.2	361.2	380.4	398.1	414.3	426.7	439.1	451.7
32.5°	272.7	294.1	317.3	341.1	365.9	392.6	417.1	441.4	462.0	480.0	497.5
35°	258.1	282.4	306.5	336.0	366.6	400.5	434.6	468.3	499.6	531.4	552.9
37.5°	240.8	265.6	292.5	326.4	362.4	404.3	447.7	491.6	536.1	578.9	616.1
40°	222.3	247.6	275.9	312.6	353.3	401.9	456.1	515.3	576.3	638.2	687.6
42.5°	206.0	231.9	262.8	300.0	344.2	398.9	462.9	535.6	610.2	686.9	759.4
45°	190.0	218.6	251.1	291.1	340.2	401.2	472.9	554.6	640.6	733.7	822.1
47.5°	175.8	204.8	236.4	280.1	334.3	402.3	482.8	573.5	669.4	770.1	875.1
50°	163.0	191.0	222.1	266.0	325.2	401.7	491.6	590.6	694.1	798.9	916.0
52.5°	150.3	178.9	210.6	252.5	314.0	397.7	495.9	604.6	717.0	827.9	949.0
55°	138.0	166.0	198.0	239.6	299.3	387.4	495.4	613.7	735.3	855.3	980.8
57.5°	123.4	150.1	181.4	225.4	283.6	371.5	488.4	618.0	751.0	882.3	1018.9
60°	105.5	130.4	160.7	204.6	263.0	351.2	473.7	615.6	760.1	902.4	1051.4
62.5°	83.3	104.9	132.6	175.5	237.3	322.0	446.0	594.3	745.6	899.6	1066.6
63°	78.5	99.2	126.0	168.6	226.3	314.0	437.9	585.9	738.6	893.8	1064.5
65°	63.2	76.5	98.0	136.1	189.4	275.0	397.2	542.6	700.9	852.7	1034.1
67.5°	48.4	55.2	66.6	93.3	134.0	216.3	321.7	459.9	608.4	751.0	936.1
70°	41.4	44.5	49.3	62.0	85.1	136.6	225.9	343.0	471.5	595.3	761.7
72.5°	37.7	39.1	41.6	47.0	58.4	81.9	144.0	223.3	320.7	424.4	552.9
75°	34.6	35.8	37.9	40.7	44.9	54.5	82.0	136.6	208.6	278.7	373.1
77.5°	31.5	32.3	34.6	37.2	40.0	44.9	54.2	78.5	119.9	164.4	224.9
80°	29.0	28.6	30.1	34.3	37.2	40.0	42.8	51.0	68.3	90.0	121.6
82.5°	23.2	23.6	25.0	29.2	30.4	29.7	30.1	31.5	38.1	41.6	62.2
85°	15.6	14.5	14.2	14.7	14.7	14.0	14.0	13.8	15.2	17.3	29.7
87.5°	4.2	2.1	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°	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	245.2	0°
2.5°	244.6	244.3	244.6	243.4	243.4	243.2	242.9	242.4	242.4	241.5	242.2	2.5°
5°	249.2	248.7	247.8	246.4	245.7	244.7	244.7	243.8	243.2	242.2	242.4	5°
7.5°	254.6	254.9	253.2	252.0	251.5	250.6	250.9	249.5	249.7	249.0	248.6	7.5°
10°	257.7	257.7	258.1	257.9	258.3	258.3	259.1	258.1	257.7	256.9	256.9	10°
12.5°	262.5	263.5	265.4	265.4	266.8	267.3	267.4	267.9	267.0	266.5	264.9	12.5°
15°	274.7	277.0	278.7	281.0	283.8	284.7	284.7	283.8	283.4	282.7	279.6	15°
17.5°	294.8	300.0	301.4	305.1	305.6	306.7	310.0	308.2	307.0	302.0	301.1	17.5°
20°	315.4	322.0	328.5	333.1	335.5	340.2	340.8	339.9	335.3	330.6	328.5	20°
22.5°	340.2	350.0	357.5	364.7	368.2	370.6	375.7	374.5	370.8	363.8	361.0	22.5°
25°	375.3	387.4	395.4	404.3	408.9	411.3	416.4	416.4	412.4	410.3	410.0	25°
27.5°	419.4	434.4	447.4	450.5	462.7	465.5	470.4	470.4	466.7	464.1	476.5	27.5°
30°	468.6	484.2	506.9	522.0	536.8	551.3	551.1	552.0	556.5	558.8	564.2	30°
32.5°	517.6	537.0	561.1	594.1	625.7	652.6	687.4	709.6	702.8	683.8	676.4	32.5°
35°	577.2	598.8	628.0	661.2	718.9	753.8	770.6	782.5	783.9	786.5	791.9	35°
37.5°	643.6	679.6	713.6	751.2	783.3	825.6	864.6	895.9	903.2	917.9	909.5	37.5°
40°	727.5	767.8	803.4	852.0	895.0	946.0	1001.9	1044.8	1062.1	1056.6	1014.4	40°
42.5°	815.4	865.3	906.9	964.2	1020.1	1087.4	1145.1	1205.2	1216.0	1172.8	1109.9	42.5°
45°	896.4	958.1	1009.8	1069.4	1137.7	1218.3	1295.4	1357.2	1355.1	1280.9	1196.8	45°
47.5°	969.1	1044.8	1108.0	1185.6	1259.0	1355.1	1443.7	1489.3	1462.4	1374.7	1271.6	47.5°
50°	1029.2	1123.6	1201.5	1280.0	1373.3	1489.0	1574.4	1600.1	1548.2	1452.8	1344.4	50°
52.5°	1077.6	1196.1	1283.5	1374.1	1491.8	1613.7	1687.1	1677.5	1610.4	1512.5	1404.4	52.5°
55°	1118.5	1251.5	1355.8	1462.6	1608.8	1720.9	1769.9	1744.1	1650.3	1551.0	1445.6	55°
57.5°	1160.8	1305.3	1422.1	1546.1	1708.8	1805.1	1832.3	1779.5	1669.3	1565.8	1463.4	57.5°
60°	1203.2	1350.1	1480.8	1619.1	1784.6	1873.9	1866.4	1787.4	1663.7	1555.0	1451.5	60°
62.5°	1231.6	1376.8	1515.0	1663.9	1841.4	1908.9	1863.2	1759.1	1631.2	1512.7	1415.9	62.5°
63°	1232.4	1377.8	1517.1	1667.0	1847.7	1910.2	1856.8	1749.0	1620.9	1504.0	1405.4	63°
65°	1217.6	1360.2	1498.4	1653.2	1842.3	1883.3	1802.3	1689.7	1562.2	1444.2	1350.6	65°
67.5°	1142.3	1287.7	1409.8	1555.7	1746.0	1757.7	1656.5	1565.5	1451.0	1328.7	1231.0	67.5°
70°	990.6	1111.4	1231.2	1353.0	1512.7	1510.6	1415.5	1369.1	1268.8	1129.5	1051.2	70°
72.5°	787.9	896.4	980.6	1062.1	1167.4	1146.1	1084.8	1097.7	1032.7	928.7	882.1	72.5°
75°	584.9	704.2	745.3	778.5	823.0	823.2	840.0	876.5	875.5	817.9	759.2	75°
77.5°	383.6	514.1	527.9	554.6	607.9	680.4	755.2	835.6	855.7	810.1	723.4	77.5°
80°	214.0	349.5	333.6	356.6	414.0	512.5	622.8	711.7	764.1	738.6	646.7	80°
82.5°	109.4	201.5	192.7	224.5	271.0	356.6	429.5	497.8	559.4	556.0	521.1	82.5°
85°	56.8	110.3	125.6	142.1	165.5	196.2	223.7	243.6	269.3	314.7	330.1	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	16.8	12.2	33.4	47.7	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°
245.2	245.2	245.2	245.2	245.2	245.2	245.2
242.4	242.7	242.2	242.2	242.4	242.4	242.0
242.0	242.0	241.5	241.0	240.6	240.6	240.1
247.4	247.4	245.7	245.0	243.8	242.9	242.4
255.4	253.9	252.0	250.6	248.7	246.7	245.5
263.3	261.1	258.8	256.7	254.3	252.0	250.9
276.4	273.6	270.5	267.9	264.7	261.1	259.7
296.5	292.0	288.0	284.3	278.4	275.9	273.1
323.1	316.6	311.4	305.1	297.9	295.5	292.0
355.4	349.8	339.4	334.8	327.5	324.0	324.7
404.5	397.2	385.3	380.8	380.2	372.5	368.7
468.6	469.0	458.0	446.0	439.5	427.4	411.9
559.7	553.4	540.6	528.4	512.9	490.0	464.3
670.1	656.0	634.8	612.1	584.7	549.4	513.4
777.9	753.3	719.4	681.5	642.1	598.1	547.1
872.6	834.4	783.7	740.2	684.3	629.4	567.2
959.1	911.8	846.3	790.0	724.1	653.5	579.8
1042.7	982.9	902.7	826.5	751.9	669.6	585.9
1122.4	1045.3	950.1	859.4	772.2	680.1	586.8
1183.7	1099.5	992.8	883.3	786.2	688.1	586.8
1240.6	1145.4	1025.2	902.0	799.4	693.4	587.3
1284.8	1177.7	1046.2	915.4	809.7	697.4	589.4
1316.8	1198.7	1060.3	923.5	817.1	703.1	594.1
1339.2	1212.5	1068.0	930.7	826.2	712.8	607.2
1350.0	1238.0	1080.8	945.2	841.9	733.7	633.4
1341.8	1277.5	1117.6	969.8	863.6	766.1	675.2
1338.2	1284.8	1127.6	975.2	868.6	773.2	689.7
1310.9	1292.0	1169.0	1002.3	891.9	804.3	730.1
1226.1	1263.4	1203.8	1048.1	942.2	879.8	805.7
1116.2	1221.1	1197.5	1054.0	974.2	941.8	853.4
984.6	1093.2	1071.3	976.1	938.9	942.4	840.9
774.8	856.4	841.9	808.5	815.9	841.7	720.4
620.7	609.8	576.3	578.6	621.9	652.1	518.6
507.1	410.5	367.1	368.2	443.7	475.1	330.3
482.5	388.4	316.4	276.4	322.9	311.0	172.6
343.7	344.4	285.7	232.2	224.9	191.3	107.5
81.4	65.2	46.5	34.6	36.5	24.1	12.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)