

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: P181056

Luminaire Tested: **ICM-E01-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181056
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-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2184.5 lumens
Efficiency: N/A
Efficacy: 88.4 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: B1 - U0 - G1

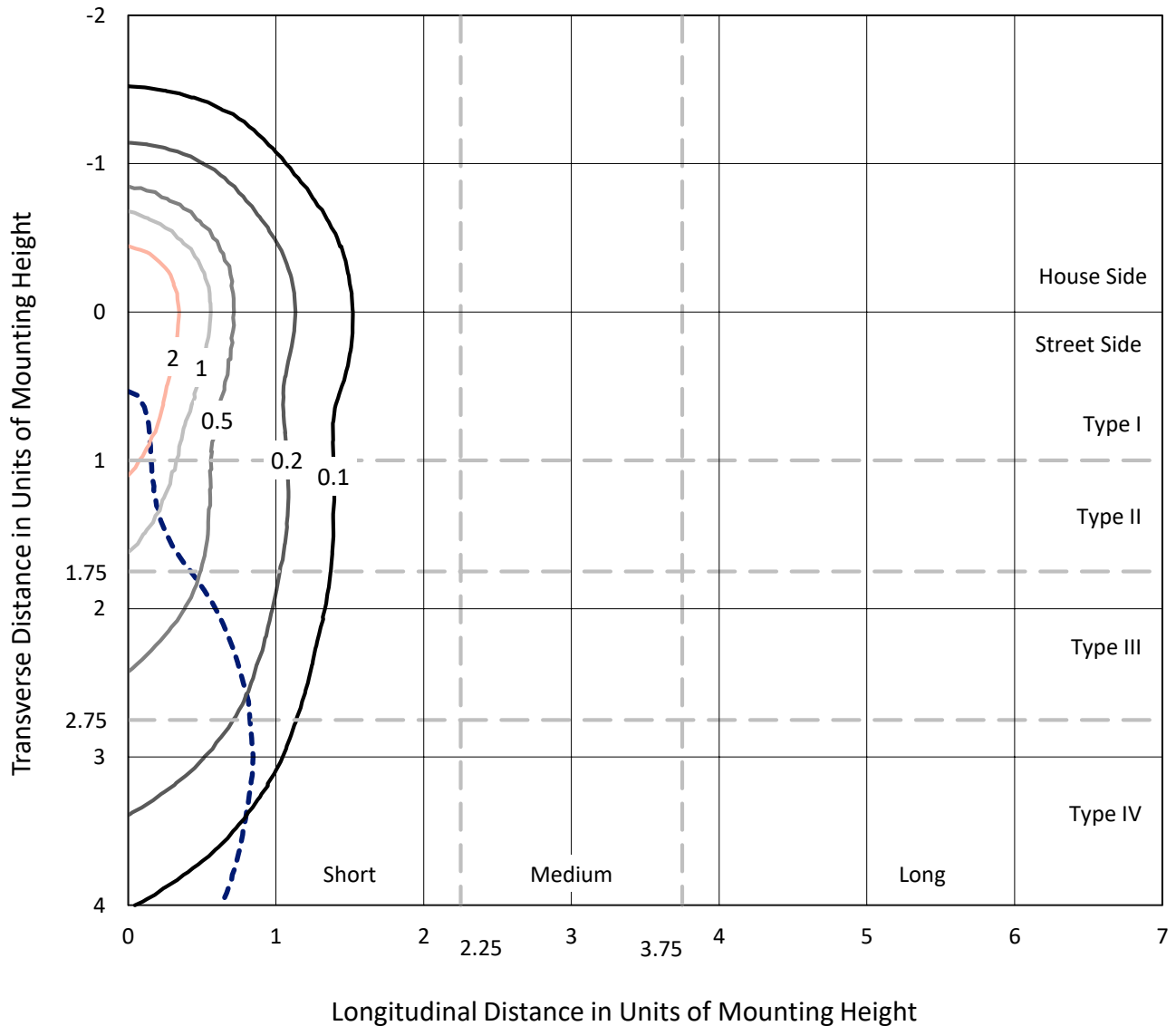
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

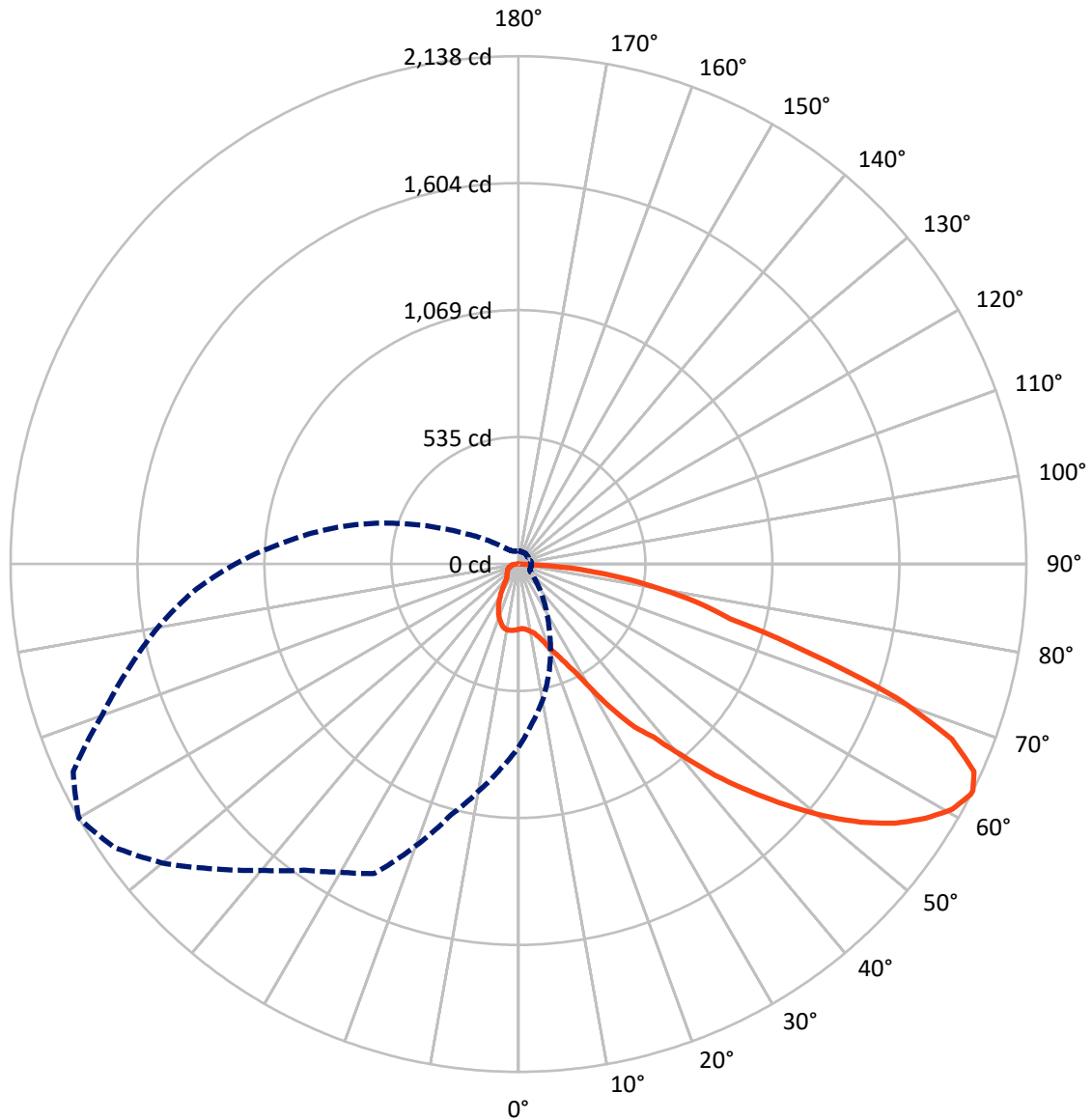
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.4 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	473.7	0.0	473.7
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1710.8	0.0	1710.8
	% Fixture	78.3	0.0	78.3
Total	Lumens	2184.5	0.0	2184.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.7	1.2
10°-20°	83.2	3.8
20°-30°	147.9	6.8
30°-40°	232.8	10.7
40°-50°	342.7	15.7
50°-60°	455.2	20.8
60°-70°	501.4	23.0
70°-80°	314.6	14.4
80°-90°	80.1	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°	2184.5	100.0
0°-180°	2184.5	100.0



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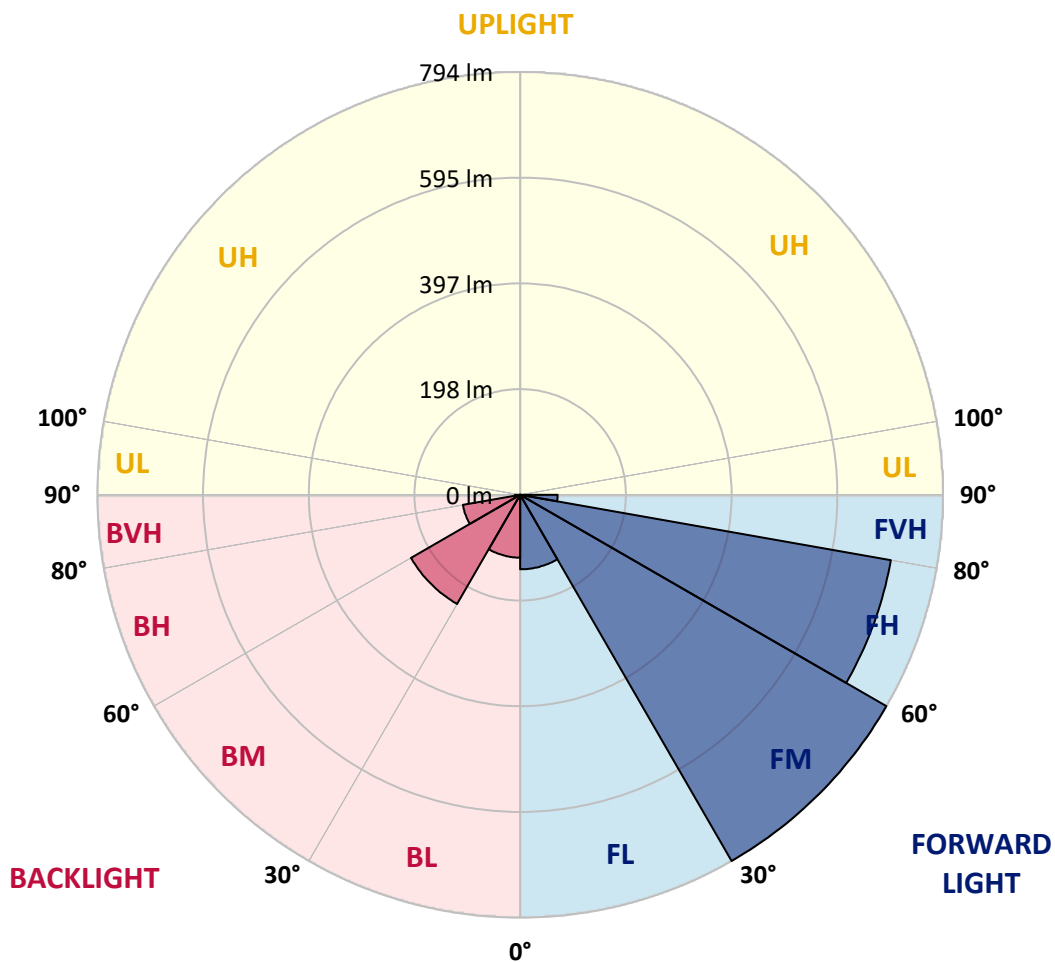
CATALOG NUMBER: ICM-E01-LED-E1-SLR-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	139.9	6.4			
FM	(30°-60°)	793.9	36.3			
FH	(60°-80°)	706.7	32.4			G1/1800
FVH	(80°-90°)	70.3	3.2			G1/100
BL	(0°-30°)	117.9	5.4	B1/500		
BM	(30°-60°)	236.8	10.8	B1/1000		
BH	(60°-80°)	109.2	5.0	B0/110		G0/110
BVH	(80°-90°)	9.8	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: 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°	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5
2.5°	270.9	271.6	271.4	271.4	271.9	271.6	271.6	271.9	271.9	272.7	273.8
5°	268.7	268.5	268.0	268.5	268.5	268.5	267.4	268.3	268.5	269.0	269.0
7.5°	271.4	270.6	269.6	269.9	269.9	269.3	268.5	268.7	268.5	268.5	268.3
10°	274.8	272.9	271.6	271.6	271.6	271.2	269.9	270.6	270.6	270.3	270.6
12.5°	280.8	278.7	277.1	276.7	276.7	275.8	274.8	275.8	275.4	275.4	274.8
15°	290.8	288.4	286.6	285.0	285.3	285.3	283.9	283.2	282.1	280.8	278.2
17.5°	305.7	303.1	300.7	299.4	299.6	297.9	294.1	290.5	285.5	280.6	275.1
20°	326.9	326.0	323.0	321.7	318.5	314.0	303.8	295.2	285.5	276.1	266.7
22.5°	363.5	359.8	356.7	351.7	341.3	328.9	311.9	296.7	281.6	268.3	255.7
25°	412.7	406.1	390.7	375.5	354.0	332.1	309.1	289.5	270.6	253.0	237.6
27.5°	461.1	441.2	413.8	386.2	354.9	326.0	297.3	274.0	252.0	232.9	215.9
30°	519.7	486.2	444.1	400.7	356.2	317.5	282.9	255.7	230.3	210.1	192.4
32.5°	574.7	526.3	471.1	414.0	359.1	309.3	266.4	235.5	209.4	184.0	166.4
35°	612.4	549.6	482.6	415.4	352.0	293.9	245.8	209.4	183.2	159.6	139.0
37.5°	634.9	559.8	483.1	405.9	335.5	272.9	219.5	183.4	159.3	136.8	120.7
40°	649.0	562.1	476.3	392.3	314.6	246.5	193.4	160.9	139.0	120.9	108.4
42.5°	655.8	558.5	465.3	375.0	293.4	223.0	175.1	144.5	125.4	112.6	103.1
45°	656.8	551.9	453.5	359.4	274.5	206.0	162.5	137.7	122.0	111.3	101.8
47.5°	656.8	546.1	444.1	347.8	262.2	198.6	161.5	140.6	125.1	113.0	101.8
50°	657.4	544.4	440.2	342.0	258.0	202.5	170.3	149.4	131.9	116.2	101.6
52.5°	659.7	546.7	443.4	346.5	265.7	218.2	187.2	162.8	140.8	119.8	101.6
55°	665.0	554.5	456.7	362.0	286.0	242.0	207.3	177.2	147.9	121.4	100.0
57.5°	679.6	574.4	481.0	391.8	320.8	269.6	225.6	187.3	150.5	120.1	96.8
60°	708.9	614.0	522.6	433.7	357.8	293.1	236.3	188.9	148.1	115.9	91.8
62.5°	755.8	659.3	573.1	479.2	390.4	306.2	237.6	185.0	141.9	108.4	84.6
63°	772.0	670.5	583.8	487.8	394.6	307.3	236.6	183.4	140.3	106.2	83.4
65°	817.3	717.9	621.0	518.1	406.4	307.5	230.8	175.6	132.9	98.1	76.2
67.5°	901.9	780.1	667.9	542.0	410.6	299.2	216.2	160.9	117.5	85.6	67.0
70°	955.3	815.0	686.0	542.5	398.3	275.4	190.8	137.1	97.9	70.9	57.6
72.5°	941.3	780.7	638.3	493.6	345.2	230.0	153.4	107.8	76.4	56.7	47.9
75°	806.3	649.8	520.7	382.3	260.9	169.0	112.3	76.9	56.6	44.5	40.0
77.5°	580.5	467.6	373.5	272.5	175.9	109.4	74.6	55.0	42.9	36.7	32.9
80°	369.8	274.2	228.5	163.8	102.9	67.8	51.3	41.6	35.3	30.6	28.3
82.5°	193.1	135.3	110.0	83.7	57.0	44.7	37.7	34.0	29.0	25.4	24.1
85°	120.4	79.8	59.2	41.4	28.6	25.7	23.5	23.1	20.7	18.3	17.5
87.5°	13.6	12.3	12.8	8.1	6.0	6.5	6.3	8.4	8.1	6.0	6.3
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°	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5
2.5°	272.7	273.2	273.2	274.0	274.0	274.5	275.1	275.1	275.5	275.8	276.4
5°	269.6	269.6	269.6	270.6	270.9	272.5	272.9	273.5	274.0	275.8	276.8
7.5°	268.7	267.7	268.3	268.3	269.0	270.3	271.6	272.5	273.2	275.5	277.1
10°	270.3	269.6	268.7	268.7	269.0	269.6	270.6	271.4	271.9	274.2	275.5
12.5°	274.5	272.7	271.2	269.9	268.7	268.5	268.0	268.3	268.7	270.0	271.9
15°	275.4	271.9	268.5	265.1	262.5	260.9	259.6	259.1	259.1	259.9	262.0
17.5°	270.0	264.3	259.4	254.9	252.0	249.1	247.8	246.8	246.2	247.4	247.5
20°	258.8	252.0	245.2	240.0	234.8	234.0	231.9	232.4	232.9	234.5	235.3
22.5°	243.4	235.3	226.9	221.4	217.2	213.6	211.2	212.3	213.0	214.6	215.4
25°	224.6	212.7	203.9	198.3	194.0	190.8	188.2	189.2	188.2	190.0	192.8
27.5°	202.3	188.5	179.0	172.7	169.6	167.0	164.4	164.4	167.0	167.0	169.3
30°	175.3	165.1	152.8	146.3	142.3	140.8	140.6	140.0	141.9	142.9	145.5
32.5°	150.0	137.4	125.6	119.3	115.9	114.1	114.3	114.6	115.4	117.0	121.2
35°	124.3	113.3	104.9	97.9	94.5	91.1	91.1	90.5	91.3	93.2	98.1
37.5°	107.8	98.1	91.6	86.1	82.7	80.6	78.8	78.0	78.0	78.8	80.6
40°	98.7	91.6	85.6	80.8	77.8	75.9	74.9	74.0	73.6	73.6	73.8
42.5°	94.5	87.2	81.1	76.9	74.6	73.6	73.3	73.0	72.2	72.0	71.7
45°	92.4	84.0	77.2	73.8	72.0	71.4	71.7	71.7	71.4	70.9	69.9
47.5°	90.8	81.1	74.3	71.2	70.4	70.4	70.4	70.4	70.1	69.9	69.1
50°	88.2	76.7	69.4	67.0	66.5	66.5	66.7	66.7	67.3	66.7	66.2
52.5°	85.3	72.5	65.2	63.1	62.8	62.5	62.5	62.5	62.8	62.8	62.5
55°	82.1	69.4	63.1	61.5	61.8	61.5	61.2	60.9	60.9	60.7	60.2
57.5°	79.1	66.7	61.5	60.5	60.7	60.7	60.2	59.6	59.4	58.6	58.1
60°	74.3	63.1	58.3	57.9	58.6	58.6	58.6	58.3	58.3	58.1	56.7
62.5°	68.0	57.9	54.1	54.4	54.7	55.3	55.3	55.3	55.3	54.7	53.4
63°	66.7	56.7	53.4	53.4	54.1	54.1	54.4	54.1	54.4	54.0	52.4
65°	61.5	53.4	50.8	51.1	51.5	51.5	51.5	51.3	51.3	50.5	49.8
67.5°	55.4	49.2	47.6	47.9	48.2	48.7	48.4	48.4	48.7	48.2	47.3
70°	48.7	44.7	43.7	44.0	44.2	44.2	44.0	44.0	44.2	43.7	42.9
72.5°	43.4	41.9	41.1	41.1	40.6	40.6	40.0	39.8	39.5	39.5	38.7
75°	36.7	36.4	36.7	37.1	36.7	36.1	35.8	35.1	34.5	34.5	34.3
77.5°	31.4	31.4	31.9	32.7	32.9	32.9	32.2	30.9	30.6	30.6	30.6
80°	27.3	26.7	26.7	27.4	28.3	28.0	26.7	25.4	25.4	26.7	27.0
82.5°	23.8	23.8	23.1	23.3	23.1	22.8	21.5	20.7	20.4	21.5	22.5
85°	18.9	19.1	18.9	18.6	18.3	17.5	16.5	15.7	15.4	16.5	18.0
87.5°	7.6	7.3	7.1	7.3	7.1	7.6	7.3	6.8	6.5	7.3	8.9
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°	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5
2.5°	276.7	277.1	277.7	277.7	278.2	278.0	278.2	278.4	278.4	278.7	278.7
5°	278.2	279.0	280.0	281.0	281.3	282.1	282.9	282.4	283.2	284.2	284.2
7.5°	278.7	280.6	281.3	282.9	283.2	284.2	286.0	284.7	286.3	287.1	287.4
10°	278.0	279.7	281.0	282.9	283.7	285.5	287.4	286.8	288.7	290.0	290.2
12.5°	273.2	275.1	278.0	280.6	282.6	285.5	288.9	287.9	290.5	292.1	292.8
15°	264.1	265.9	269.0	273.2	277.1	281.6	286.0	286.8	289.5	291.3	292.1
17.5°	249.7	252.0	255.4	259.9	264.8	272.5	278.2	281.0	284.7	285.8	287.1
20°	236.3	238.7	240.7	243.4	247.1	254.4	262.0	267.7	272.5	276.4	277.4
22.5°	218.5	220.7	223.3	225.3	227.9	233.2	239.4	246.0	253.3	255.7	258.3
25°	197.0	198.3	202.0	203.4	205.2	209.6	214.6	219.4	226.4	231.4	232.7
27.5°	174.0	175.3	178.7	179.5	181.9	186.0	189.8	191.5	198.1	203.4	207.5
30°	147.3	150.7	154.9	155.4	158.0	160.7	164.1	166.0	171.9	177.4	182.7
32.5°	124.3	127.7	131.1	133.2	134.5	136.7	140.0	141.9	147.6	152.6	157.8
35°	100.7	104.9	108.7	111.4	112.6	115.2	117.8	119.6	125.6	130.0	133.8
37.5°	83.0	86.1	90.0	92.9	95.8	97.6	100.7	103.3	107.1	109.4	113.3
40°	74.3	75.9	78.0	80.4	82.7	84.8	87.2	89.2	91.6	94.7	97.4
42.5°	71.4	71.7	71.7	72.5	73.8	74.9	76.9	78.5	80.1	82.4	83.7
45°	69.4	69.1	68.6	68.0	68.3	68.8	70.1	71.2	73.0	74.0	74.3
47.5°	68.3	67.3	66.2	65.4	65.2	65.4	66.5	67.5	68.6	69.4	69.6
50°	64.9	64.1	62.5	61.5	60.9	61.5	62.8	63.3	64.4	65.2	65.4
52.5°	61.5	60.5	59.4	58.3	58.3	58.6	59.6	60.7	61.8	62.0	62.5
55°	59.4	57.9	56.7	56.0	55.4	56.3	57.0	58.3	59.6	59.9	60.5
57.5°	57.3	55.7	54.7	54.0	53.4	54.1	55.0	56.7	58.3	58.3	58.3
60°	56.0	54.7	53.1	52.4	51.5	52.4	53.4	55.3	56.7	56.6	56.3
62.5°	52.4	51.1	50.2	50.2	49.5	50.8	51.8	54.0	54.1	53.7	53.1
63°	51.3	50.2	49.8	49.8	49.2	50.5	51.5	53.4	53.4	52.8	52.4
65°	48.7	47.9	47.3	47.9	47.9	49.2	49.5	50.8	50.5	49.8	49.5
67.5°	46.6	46.0	45.6	45.6	45.6	45.8	46.0	46.6	46.3	46.0	46.3
70°	43.2	42.9	42.4	42.4	42.1	42.1	42.1	42.4	42.4	42.7	42.9
72.5°	39.0	38.5	38.5	38.7	38.2	38.5	38.7	38.5	39.0	39.0	39.3
75°	34.3	34.0	34.5	35.1	34.8	34.8	35.1	35.1	35.3	35.3	35.6
77.5°	30.6	30.9	31.2	31.6	31.9	31.9	31.9	31.6	31.9	31.9	32.2
80°	27.3	27.7	28.3	28.7	29.0	29.0	29.0	28.7	28.7	28.7	28.7
82.5°	24.6	25.4	26.0	26.1	26.1	26.1	26.1	26.1	26.1	25.7	25.1
85°	20.7	22.2	22.2	22.5	21.8	21.2	20.7	20.9	21.2	20.2	19.9
87.5°	10.5	10.5	11.0	11.5	11.8	11.8	13.3	12.6	12.3	12.0	11.5
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°	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5
2.5°	279.0	278.7	279.3	278.7	279.0	279.3	278.7	279.5	280.0	279.3	278.4
5°	284.7	284.7	286.0	286.6	286.8	288.4	287.6	288.1	288.7	288.4	288.7
7.5°	288.4	289.5	290.8	292.1	292.3	293.7	293.4	294.1	294.7	296.0	296.0
10°	291.5	292.8	294.7	296.0	297.3	298.3	298.9	300.5	300.7	301.8	301.8
12.5°	294.4	296.0	297.9	299.9	301.2	303.4	303.5	306.0	306.7	307.0	306.2
15°	293.9	295.7	297.9	300.2	302.5	305.1	306.7	309.1	310.4	310.9	309.6
17.5°	288.9	290.5	293.1	296.3	299.2	302.5	305.4	308.8	310.9	311.4	311.2
20°	279.3	280.3	283.7	287.9	291.3	296.5	300.7	306.0	309.3	311.9	312.7
22.5°	260.1	262.8	266.1	270.9	275.8	282.4	288.4	296.0	303.4	309.6	315.9
25°	237.1	241.8	247.1	253.3	259.4	266.1	272.9	281.6	292.3	305.4	320.3
27.5°	213.8	222.0	228.5	236.6	243.6	250.4	258.0	267.4	279.3	295.0	314.0
30°	190.2	199.4	206.5	215.9	225.3	234.5	242.0	252.0	263.5	279.5	300.5
32.5°	165.1	174.3	182.7	191.4	201.8	212.7	222.0	234.2	246.5	263.0	284.2
35°	139.3	147.3	154.4	163.5	175.1	186.9	198.9	213.0	226.4	243.6	266.1
37.5°	116.7	122.5	129.3	137.4	146.3	158.9	172.5	189.2	204.4	223.3	246.2
40°	98.1	101.3	105.2	112.0	120.1	132.5	145.8	163.5	181.9	202.5	224.8
42.5°	83.7	85.3	86.3	90.8	97.4	109.4	122.2	139.4	159.6	182.1	204.7
45°	74.3	75.1	75.3	77.8	82.4	92.9	106.2	120.9	140.3	162.2	185.8
47.5°	69.9	70.7	71.2	71.7	74.6	82.7	94.7	108.7	126.4	146.5	170.6
50°	66.2	67.0	67.8	67.5	68.8	74.0	84.3	97.1	113.9	132.5	156.3
52.5°	62.5	63.1	63.1	63.1	63.8	67.3	74.6	86.3	101.8	119.3	142.9
55°	60.5	60.9	61.2	61.5	61.8	63.6	69.1	78.5	91.8	108.1	129.3
57.5°	58.3	58.6	59.2	59.4	59.9	60.9	64.4	71.2	82.4	96.0	113.9
60°	56.6	57.0	58.1	58.3	58.9	59.2	60.7	64.9	72.2	82.7	97.1
62.5°	53.7	54.4	55.4	55.7	56.3	56.6	56.7	59.2	62.5	68.8	79.5
63°	52.8	53.7	55.0	55.3	55.4	55.4	55.7	57.3	60.5	66.0	73.8
65°	50.0	51.1	51.8	52.1	52.4	52.4	52.1	52.6	52.8	55.3	59.9
67.5°	46.9	47.6	48.2	48.4	48.2	48.4	48.2	47.6	47.1	47.6	49.8
70°	43.7	44.2	44.2	44.5	44.7	45.0	44.5	44.0	43.4	43.2	44.5
72.5°	40.0	40.6	40.6	40.8	40.8	41.4	41.4	41.1	41.1	41.4	41.6
75°	36.4	36.9	36.7	37.1	37.1	38.0	38.0	38.2	38.7	38.5	38.2
77.5°	32.9	33.2	33.2	33.5	33.8	35.1	35.8	36.1	36.1	35.6	35.1
80°	29.3	29.3	28.7	28.6	28.7	30.1	31.6	31.9	32.7	32.5	32.7
82.5°	24.6	23.5	22.8	22.8	23.3	24.1	24.6	25.1	25.7	25.7	26.1
85°	18.9	17.8	17.0	17.3	18.0	18.3	18.0	18.0	19.1	19.9	19.1
87.5°	11.3	10.2	9.7	8.9	9.1	10.0	9.7	8.9	9.1	7.3	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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5
2.5°	279.0	278.7	278.2	277.4	277.1	276.7	276.8	276.1	275.5	275.1	274.2
5°	288.7	288.7	287.1	287.1	286.3	286.0	284.2	283.4	281.9	282.4	280.6
7.5°	295.4	296.3	294.4	294.1	293.1	292.8	290.5	289.7	288.4	287.9	286.3
10°	300.5	300.5	298.0	296.3	295.0	293.7	291.3	290.2	289.2	289.5	288.4
12.5°	304.4	302.5	299.2	296.5	294.7	293.4	291.5	290.8	290.5	292.3	292.6
15°	307.5	304.8	300.7	298.9	297.3	297.0	297.0	297.9	299.6	303.1	305.7
17.5°	309.3	307.7	305.7	305.1	307.7	309.3	311.4	313.8	316.4	321.1	324.0
20°	312.7	313.8	315.4	317.5	321.7	325.6	328.2	331.5	334.7	340.5	345.2
22.5°	321.7	327.6	332.7	336.8	343.1	348.6	352.0	356.7	359.1	363.0	370.3
25°	333.1	345.5	355.9	364.8	374.5	380.3	384.9	391.0	394.6	401.2	407.7
27.5°	329.8	347.3	363.0	379.4	392.8	407.7	418.2	428.2	434.4	444.1	452.7
30°	319.3	340.2	361.4	383.2	404.4	425.8	445.7	463.7	477.6	491.4	505.6
32.5°	305.1	329.2	355.2	381.9	409.6	439.4	466.9	494.1	517.1	537.3	556.9
35°	288.9	316.1	343.1	376.1	410.3	448.3	486.5	524.2	559.3	594.9	618.9
37.5°	269.6	297.3	327.4	365.3	405.7	452.5	501.1	550.3	600.1	648.0	689.6
40°	248.8	277.1	308.8	349.9	395.4	449.9	510.6	576.8	645.1	714.4	769.7
42.5°	230.6	259.6	294.1	335.7	385.2	446.4	518.1	599.5	683.1	768.8	850.1
45°	212.7	244.7	281.0	325.9	380.7	449.1	529.4	620.7	717.0	821.2	920.2
47.5°	196.8	229.2	264.6	313.5	374.2	450.4	540.4	642.0	749.2	862.1	979.5
50°	182.4	213.8	248.7	297.9	364.0	449.6	550.3	661.0	777.0	894.2	1025.4
52.5°	168.3	200.2	235.8	282.6	351.4	445.1	555.1	676.7	802.6	926.7	1062.2
55°	154.4	185.8	221.7	268.3	335.0	433.7	554.5	687.0	823.1	957.3	1097.9
57.5°	138.1	168.0	203.1	252.3	317.5	415.8	546.7	691.7	840.6	987.6	1140.5
60°	118.0	146.0	179.8	229.0	294.4	393.1	530.2	689.0	850.8	1010.1	1176.8
62.5°	93.2	117.5	148.4	196.6	265.7	360.4	499.4	665.2	834.6	1007.1	1193.9
63°	87.9	111.0	141.0	188.7	253.3	351.4	490.1	655.8	826.7	1000.5	1191.5
65°	70.7	85.6	109.7	152.3	212.0	307.7	444.7	607.4	784.6	954.4	1157.5
67.5°	54.1	61.8	74.6	104.5	150.0	242.0	360.1	514.8	680.9	840.6	1047.8
70°	46.3	49.8	55.3	69.4	95.3	152.8	252.8	383.9	527.8	666.3	852.7
72.5°	42.1	43.7	46.6	52.6	65.4	91.6	161.2	250.0	359.1	475.0	618.9
75°	38.7	40.0	42.4	45.6	50.2	60.9	91.8	152.8	233.4	311.9	417.7
77.5°	35.3	36.1	38.7	41.6	44.7	50.2	60.7	87.9	134.2	184.0	251.7
80°	32.5	31.9	33.8	38.5	41.6	44.7	47.9	57.0	76.4	100.7	136.1
82.5°	26.0	26.4	28.0	32.7	34.0	33.2	33.8	35.3	42.7	46.6	69.6
85°	17.5	16.2	16.0	16.5	16.5	15.7	15.7	15.4	17.0	19.3	33.2
87.5°	4.7	2.3	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°	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	274.5	0°
2.5°	273.8	273.5	273.8	272.5	272.5	272.2	271.9	271.4	271.4	270.3	271.2	2.5°
5°	279.0	278.4	277.4	275.8	275.1	274.0	274.0	272.9	272.2	271.2	271.4	5°
7.5°	285.0	285.3	283.4	282.1	281.6	280.6	280.8	279.3	279.5	278.7	278.2	7.5°
10°	288.4	288.4	288.9	288.7	289.2	289.2	290.0	288.9	288.4	287.6	287.6	10°
12.5°	293.9	295.0	297.0	297.0	298.6	299.2	299.4	299.9	298.9	298.3	296.5	12.5°
15°	307.5	310.1	311.9	314.6	317.7	318.8	318.8	317.7	317.2	316.4	313.0	15°
17.5°	330.0	335.7	337.3	341.5	342.0	343.4	347.0	344.9	343.6	338.1	337.1	17.5°
20°	353.0	360.4	367.7	372.9	375.5	380.7	381.6	380.6	375.3	370.0	367.7	20°
22.5°	380.7	391.8	400.2	408.3	412.2	414.8	420.6	419.3	415.1	407.2	404.1	22.5°
25°	420.0	433.7	442.5	452.5	457.7	460.4	466.0	466.0	461.7	459.3	459.1	25°
27.5°	469.5	486.2	500.9	504.3	518.0	521.0	526.5	526.5	522.3	519.4	533.4	27.5°
30°	524.5	542.0	567.4	584.4	600.8	617.1	616.8	617.9	622.9	625.5	631.5	30°
32.5°	579.4	601.1	628.1	665.0	700.3	730.4	769.4	794.2	786.7	765.5	757.1	32.5°
35°	646.1	670.2	703.0	740.1	804.7	843.7	862.6	875.9	877.5	880.4	886.4	35°
37.5°	720.5	760.7	798.7	840.8	876.7	924.1	967.8	1002.9	1011.0	1027.4	1018.1	37.5°
40°	814.4	859.4	899.3	953.7	1001.8	1058.9	1121.4	1169.6	1188.9	1182.6	1135.5	40°
42.5°	912.8	968.6	1015.2	1079.3	1141.8	1217.2	1281.9	1349.1	1361.1	1312.8	1242.3	42.5°
45°	1003.4	1072.5	1130.3	1197.0	1273.5	1363.7	1450.1	1519.2	1516.8	1433.9	1339.6	45°
47.5°	1084.8	1169.6	1240.2	1327.1	1409.3	1516.8	1616.0	1667.1	1636.9	1538.8	1423.5	47.5°
50°	1152.0	1257.8	1344.9	1432.8	1537.2	1666.8	1762.3	1791.1	1733.0	1626.2	1504.8	50°
52.5°	1206.2	1338.9	1436.8	1538.1	1670.0	1806.2	1888.5	1877.7	1802.6	1692.9	1572.1	52.5°
55°	1252.0	1400.9	1517.6	1637.2	1800.8	1926.4	1981.1	1952.3	1847.4	1736.1	1618.1	55°
57.5°	1299.4	1461.1	1591.9	1730.6	1912.8	2020.7	2051.0	1991.8	1868.6	1752.7	1638.0	57.5°
60°	1346.7	1511.4	1657.6	1812.3	1997.6	2097.6	2089.2	2000.8	1862.2	1740.6	1624.7	60°
62.5°	1378.6	1541.2	1695.8	1862.5	2061.2	2136.9	2085.5	1969.0	1825.9	1693.2	1584.8	62.5°
63°	1379.5	1542.2	1698.2	1866.0	2068.3	2138.2	2078.4	1957.8	1814.4	1683.5	1573.1	63°
65°	1363.0	1522.6	1677.2	1850.5	2062.2	2108.0	2017.5	1891.4	1748.7	1616.6	1511.8	65°
67.5°	1278.7	1441.5	1578.1	1741.4	1954.4	1967.5	1854.2	1752.4	1624.1	1487.3	1377.9	67.5°
70°	1108.8	1244.1	1378.1	1514.5	1693.2	1690.9	1584.4	1532.6	1420.3	1264.3	1176.7	70°
72.5°	882.0	1003.4	1097.6	1188.9	1306.7	1282.9	1214.3	1228.7	1155.9	1039.4	987.4	72.5°
75°	654.8	788.3	834.3	871.4	921.2	921.5	940.3	981.1	980.1	915.4	849.8	75°
77.5°	429.5	575.4	590.9	620.7	680.5	761.6	845.3	935.4	957.9	906.8	809.7	77.5°
80°	239.4	391.3	373.5	399.1	463.4	573.7	697.2	796.7	855.3	826.7	723.9	80°
82.5°	122.5	225.6	215.6	251.3	303.4	399.1	480.7	557.2	626.2	622.3	583.4	82.5°
85°	63.6	123.5	140.6	159.1	185.3	219.5	250.4	272.7	301.5	352.3	369.5	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	18.9	13.6	37.4	53.4	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°
274.5	274.5	274.5	274.5	274.5	274.5	274.5
271.4	271.6	271.2	271.2	271.4	271.4	270.9
270.9	270.9	270.3	269.9	269.3	269.3	268.7
276.8	276.8	275.1	274.2	272.9	271.9	271.4
285.8	284.2	282.1	280.6	278.4	276.1	274.8
294.7	292.3	289.7	287.4	284.7	282.1	280.8
309.3	306.2	302.8	299.9	296.3	292.3	290.8
331.8	326.9	322.4	318.2	311.7	308.8	305.7
361.7	354.3	348.6	341.5	333.4	330.8	326.9
397.8	391.5	380.0	374.8	366.6	362.7	363.5
452.7	444.7	431.3	426.3	425.5	416.9	412.7
524.5	524.9	512.7	499.4	492.0	478.4	461.1
626.5	619.4	605.0	591.4	574.1	548.6	519.7
750.1	734.3	710.5	685.1	654.5	615.0	574.7
870.7	843.2	805.3	762.9	718.6	669.4	612.4
976.7	934.1	877.2	828.6	766.1	704.5	634.9
1073.5	1020.7	947.4	884.3	810.5	731.4	649.0
1167.2	1100.2	1010.4	925.1	841.7	749.5	655.8
1256.5	1170.1	1063.5	962.1	864.4	761.3	656.8
1325.0	1230.8	1111.2	988.8	880.1	770.2	656.8
1388.6	1282.1	1147.5	1009.7	894.8	776.2	657.4
1438.1	1318.2	1171.2	1024.6	906.2	780.7	659.7
1474.0	1341.8	1186.8	1033.8	914.6	787.0	665.0
1499.1	1357.2	1195.4	1041.9	924.8	798.0	679.6
1511.1	1385.7	1209.9	1058.1	942.4	821.2	708.9
1502.0	1430.0	1251.0	1085.6	966.7	857.6	755.8
1498.0	1438.1	1262.2	1091.5	972.2	865.5	772.0
1467.4	1446.1	1308.6	1122.0	998.4	900.3	817.3
1372.4	1414.2	1347.5	1173.2	1054.7	984.8	901.9
1249.4	1366.9	1340.5	1179.7	1090.5	1054.1	955.3
1102.1	1223.7	1199.2	1092.7	1051.0	1054.9	941.3
867.3	958.6	942.4	904.9	913.3	942.1	806.3
694.8	682.5	645.1	647.7	696.1	729.9	580.5
567.6	459.5	410.9	412.2	496.7	531.8	369.8
540.2	434.7	354.0	309.3	361.4	348.1	193.1
384.7	385.5	319.8	259.9	251.7	214.0	120.4
91.1	73.0	52.1	38.7	40.8	27.0	13.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)