

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: P181061

Luminaire Tested: **ICM-F01-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181061
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-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (7) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1803.4 lumens
Efficiency: N/A
Efficacy: 69.6 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

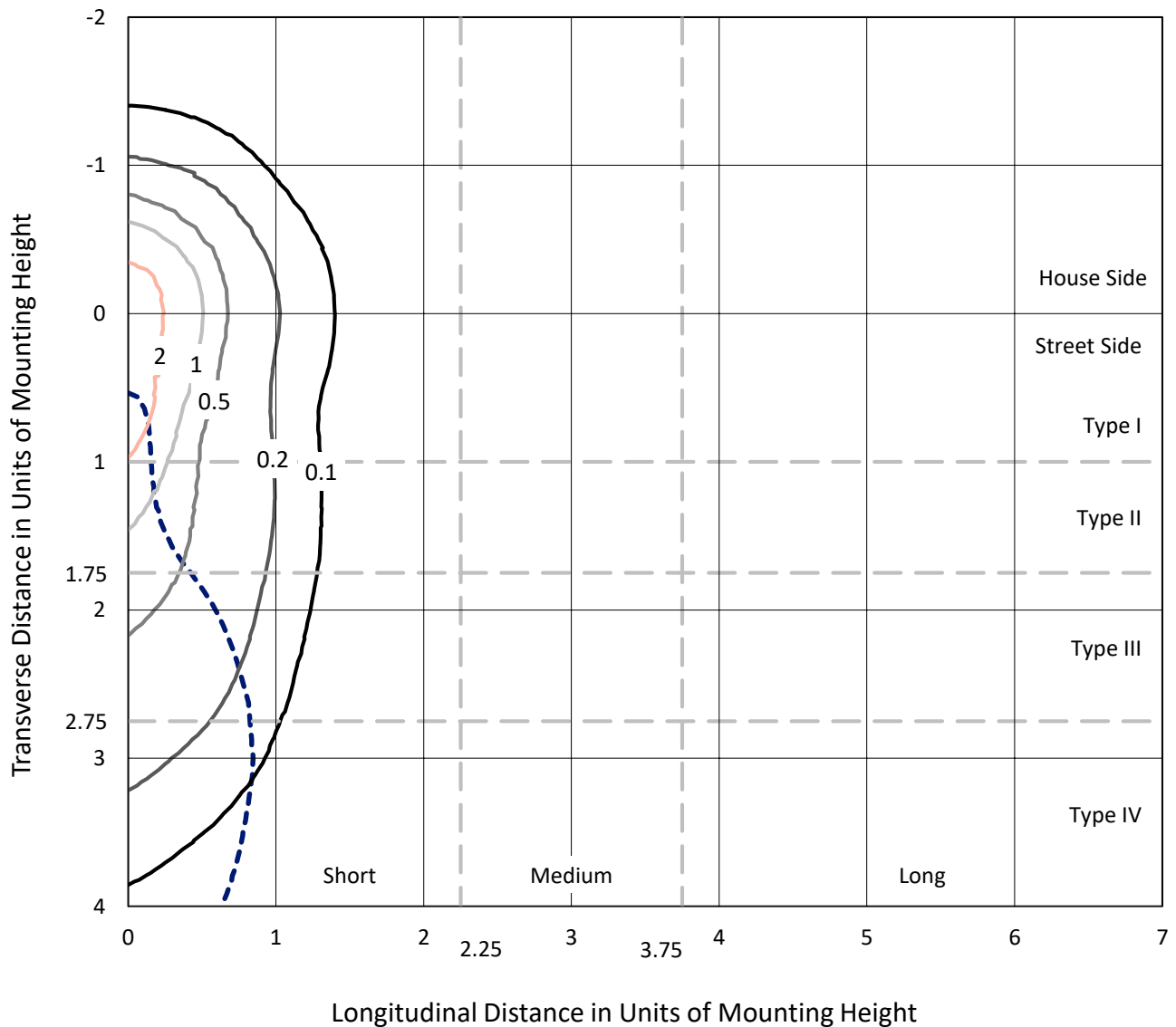


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Iso-Footcandle Lines of Horizontal Illumination

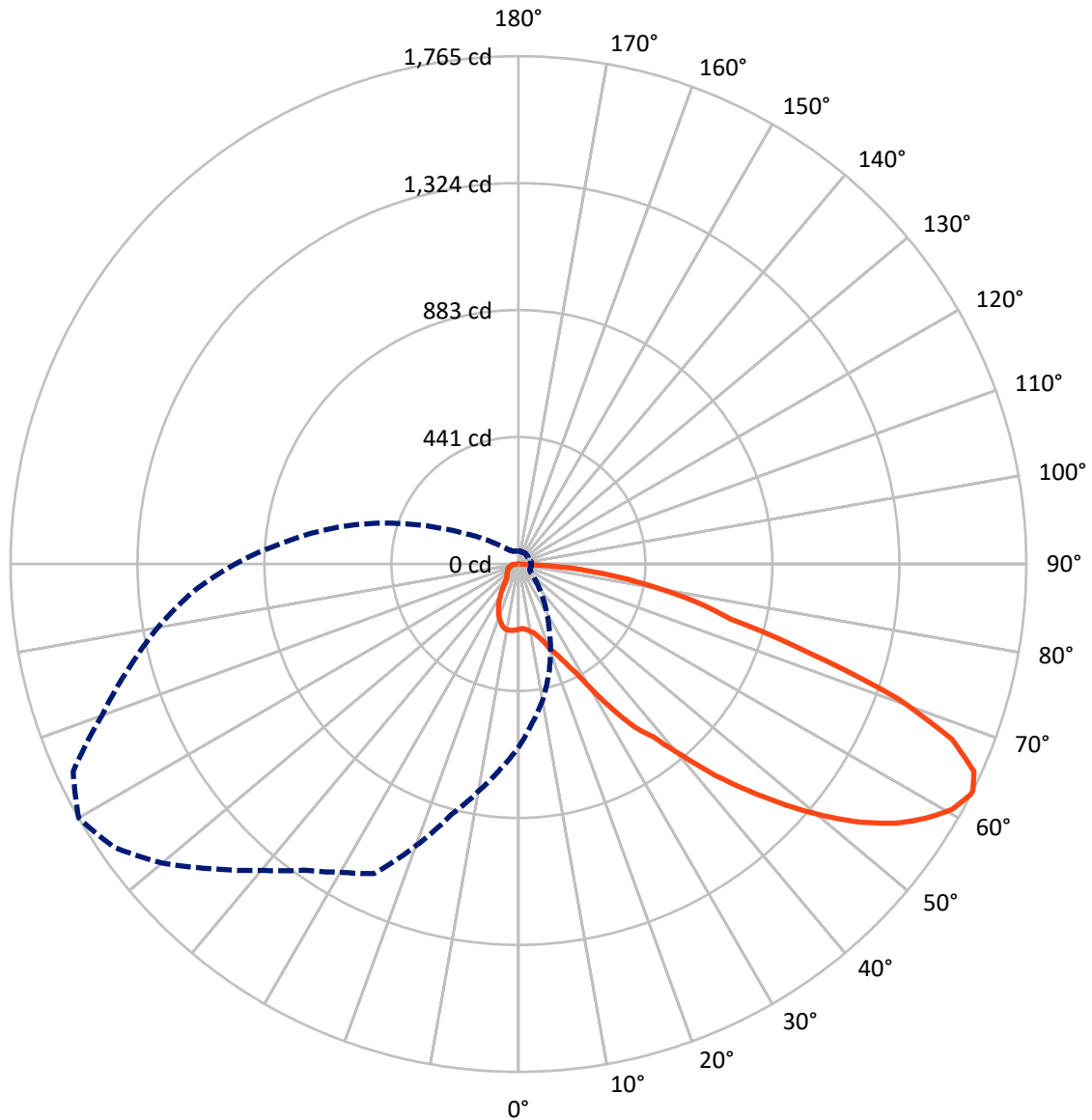
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.8 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	391.0	0.0	391.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	1412.3	0.0	1412.3
	% Fixture	78.3	0.0	78.3
Total	Lumens	1803.4	0.0	1803.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.1	1.2
10°-20°	68.7	3.8
20°-30°	122.1	6.8
30°-40°	192.2	10.7
40°-50°	282.9	15.7
50°-60°	375.7	20.8
60°-70°	413.9	23.0
70°-80°	259.7	14.4
80°-90°	66.1	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°	1803.4	100.0
0°-180°	1803.4	100.0



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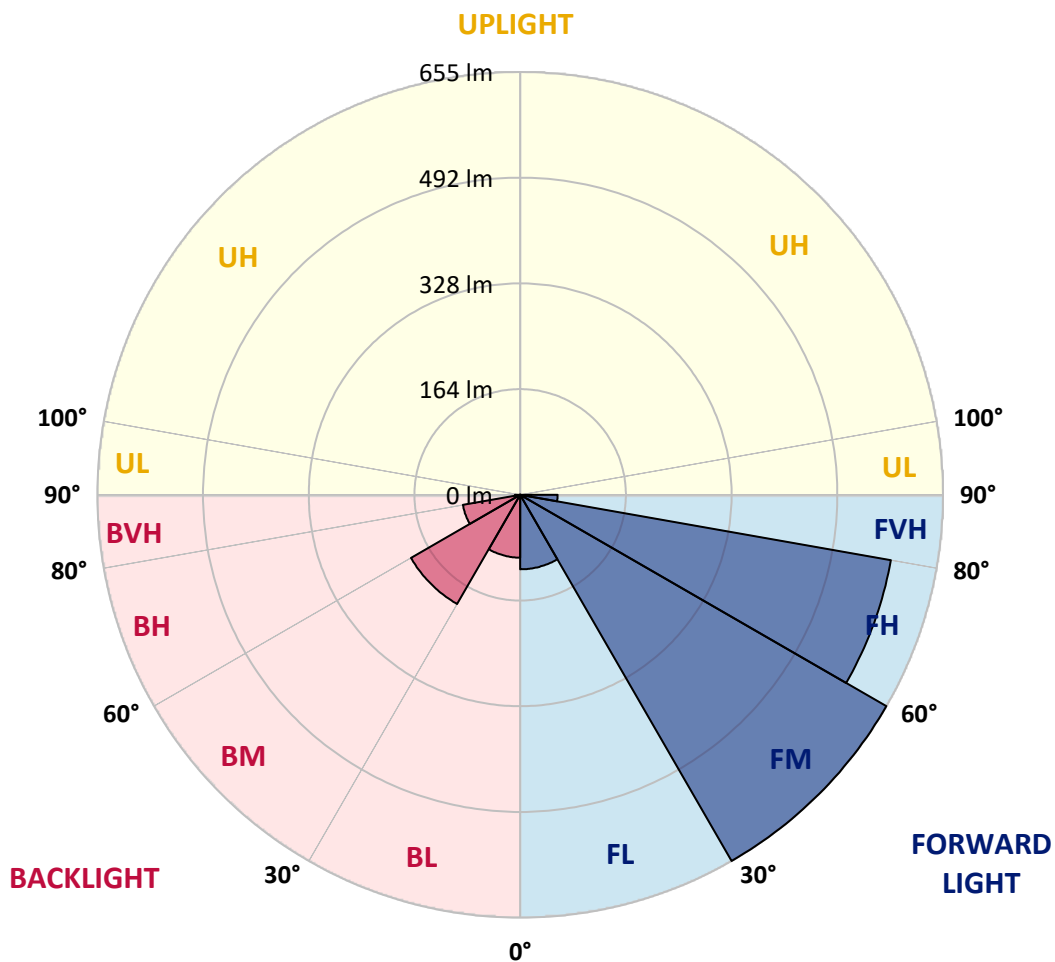
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	115.5	6.4			
FM	(30°-60°)	655.4	36.3			
FH	(60°-80°)	583.4	32.4			G0/660
FVH	(80°-90°)	58.0	3.2			G1/100
BL	(0°-30°)	97.4	5.4	B0/110		
BM	(30°-60°)	195.5	10.8	B0/220		
BH	(60°-80°)	90.1	5.0	B0/110		G0/110
BVH	(80°-90°)	8.1	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°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	223.6	224.3	224.0	224.0	224.5	224.3	224.3	224.5	224.5	225.1	226.0
5°	221.9	221.7	221.2	221.7	221.7	221.7	220.8	221.5	221.7	222.0	222.0
7.5°	224.0	223.4	222.5	222.7	222.7	222.3	221.7	221.9	221.7	221.7	221.5
10°	226.9	225.3	224.3	224.3	224.3	223.8	222.7	223.4	223.4	223.2	223.4
12.5°	231.8	230.0	228.7	228.4	228.4	227.7	226.9	227.7	227.3	227.3	226.9
15°	240.0	238.0	236.6	235.3	235.4	235.4	234.4	233.8	232.9	231.8	229.7
17.5°	252.4	250.1	248.2	247.2	247.4	245.9	242.8	239.8	235.7	231.6	227.1
20°	269.9	269.2	266.6	265.5	262.9	259.3	250.8	243.7	235.7	227.9	220.2
22.5°	300.1	297.0	294.5	290.3	281.7	271.5	257.5	245.0	232.5	221.5	211.1
25°	340.7	335.3	322.5	310.0	292.3	274.1	255.2	239.0	223.4	208.9	196.2
27.5°	380.7	364.3	341.6	318.9	292.9	269.2	245.4	226.2	208.1	192.3	178.2
30°	429.0	401.4	366.6	330.8	294.0	262.0	233.6	211.1	190.1	173.5	158.8
32.5°	474.4	434.4	388.8	341.8	296.4	255.4	219.9	194.4	172.8	151.9	137.4
35°	505.6	453.7	398.4	342.9	290.6	242.6	202.9	172.8	151.3	131.8	114.7
37.5°	524.1	462.1	398.8	335.1	276.9	225.3	181.3	151.4	131.5	113.0	99.6
40°	535.8	464.1	393.2	323.8	259.7	203.5	159.6	132.8	114.7	99.8	89.4
42.5°	541.4	461.0	384.1	309.6	242.1	184.1	144.6	119.3	103.4	92.9	85.1
45°	542.2	455.6	374.4	296.7	226.6	170.0	134.1	113.7	100.7	91.8	84.0
47.5°	542.2	450.9	366.6	287.2	216.5	164.0	133.3	116.0	103.3	93.3	84.0
50°	542.7	449.4	363.4	282.3	213.0	167.3	140.7	123.3	108.9	95.9	83.8
52.5°	544.7	451.4	366.0	286.0	219.3	180.2	154.5	134.4	116.2	99.0	83.8
55°	548.9	457.8	377.0	298.8	236.1	199.8	171.1	146.2	122.0	100.3	82.5
57.5°	561.0	474.2	397.1	323.4	264.8	222.5	186.2	154.7	124.2	99.2	79.9
60°	585.3	506.8	431.4	358.0	295.4	242.0	195.1	156.0	122.3	95.7	75.8
62.5°	623.9	544.2	473.1	395.5	322.3	252.7	196.2	152.7	117.1	89.4	69.8
63°	637.3	553.5	482.0	402.7	325.8	253.7	195.3	151.4	115.8	87.7	68.9
65°	674.7	592.6	512.7	427.7	335.5	253.9	190.5	144.9	109.8	81.0	62.9
67.5°	744.5	644.0	551.4	447.4	339.0	247.0	178.4	132.8	97.0	70.6	55.3
70°	788.6	672.7	566.2	447.8	328.8	227.3	157.5	113.2	80.8	58.5	47.5
72.5°	777.1	644.5	526.9	407.4	284.9	189.9	126.6	89.0	63.1	46.9	39.5
75°	665.6	536.5	430.0	315.6	215.4	139.5	92.7	63.5	46.7	36.7	33.0
77.5°	479.2	386.0	308.3	224.9	145.2	90.3	61.6	45.4	35.4	30.2	27.3
80°	305.3	226.4	188.7	135.3	84.9	56.0	42.3	34.3	29.2	25.3	23.3
82.5°	159.4	111.7	90.7	69.1	47.1	36.9	31.1	28.1	24.0	20.9	19.9
85°	99.3	65.9	48.8	34.1	23.5	21.2	19.4	19.0	17.0	15.2	14.5
87.5°	11.3	10.1	10.6	6.7	4.9	5.4	5.2	6.9	6.7	4.9	5.2
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°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	225.1	225.6	225.6	226.2	226.2	226.6	227.1	227.1	227.5	227.7	228.2
5°	222.5	222.5	222.5	223.4	223.6	224.9	225.3	225.8	226.2	227.7	228.6
7.5°	221.9	221.0	221.5	221.5	222.0	223.2	224.3	224.9	225.6	227.5	228.7
10°	223.2	222.5	221.9	221.9	222.0	222.5	223.4	224.0	224.5	226.4	227.5
12.5°	226.6	225.1	223.8	222.7	221.9	221.7	221.2	221.5	221.9	223.0	224.5
15°	227.3	224.5	221.7	218.9	216.7	215.4	214.3	213.9	213.9	214.5	216.3
17.5°	223.0	218.2	214.1	210.4	208.1	205.7	204.6	203.7	203.3	204.2	204.4
20°	213.7	208.1	202.4	198.1	193.8	193.1	191.4	191.8	192.3	193.6	194.2
22.5°	200.9	194.2	187.3	182.8	179.3	176.3	174.3	175.3	175.8	177.1	177.8
25°	185.4	175.6	168.3	163.7	160.1	157.5	155.3	156.2	155.3	156.8	159.3
27.5°	167.0	155.5	147.8	142.6	140.0	137.9	135.6	135.6	137.9	137.9	139.8
30°	144.7	136.3	126.1	120.7	117.5	116.2	116.0	115.6	117.1	118.0	120.1
32.5°	123.8	113.4	103.7	98.5	95.7	94.2	94.4	94.6	95.3	96.6	100.0
35°	102.6	93.6	86.6	80.8	78.0	75.2	75.2	74.8	75.4	76.9	81.0
37.5°	89.0	81.0	75.6	71.1	68.3	66.5	65.0	64.4	64.4	65.0	66.5
40°	81.5	75.6	70.6	66.8	64.2	62.7	61.8	61.1	60.7	60.7	60.9
42.5°	78.0	71.9	67.0	63.5	61.6	60.7	60.5	60.3	59.6	59.4	59.2
45°	76.3	69.4	63.7	60.9	59.4	59.0	59.2	59.2	59.0	58.5	57.7
47.5°	75.0	67.0	61.4	58.8	58.1	58.1	58.1	58.1	57.9	57.7	57.0
50°	72.8	63.3	57.2	55.3	54.9	54.9	55.1	55.1	55.5	55.1	54.7
52.5°	70.4	59.8	53.8	52.1	51.8	51.6	51.6	51.6	51.8	51.8	51.6
55°	67.8	57.2	52.1	50.8	51.0	50.8	50.5	50.3	50.3	50.1	49.7
57.5°	65.2	55.1	50.8	49.9	50.1	50.1	49.7	49.3	49.0	48.4	48.0
60°	61.4	52.1	48.2	47.7	48.4	48.4	48.4	48.2	48.2	48.0	46.9
62.5°	56.2	47.7	44.7	44.9	45.1	45.6	45.6	45.6	45.6	45.1	44.1
63°	55.1	46.9	44.1	44.1	44.7	44.7	44.9	44.7	44.9	44.5	43.2
65°	50.8	44.1	42.0	42.1	42.6	42.6	42.6	42.3	42.3	41.7	41.0
67.5°	45.8	40.7	39.3	39.5	39.7	40.2	40.0	40.0	40.2	39.7	39.1
70°	40.2	36.9	36.1	36.3	36.5	36.5	36.3	36.3	36.5	36.1	35.4
72.5°	35.9	34.6	34.0	34.0	33.5	33.5	33.0	32.8	32.7	32.7	32.0
75°	30.2	30.0	30.2	30.7	30.2	29.8	29.6	28.9	28.6	28.6	28.3
77.5°	26.0	26.0	26.3	27.0	27.3	27.3	26.6	25.5	25.3	25.3	25.3
80°	22.5	22.0	22.0	22.7	23.3	23.2	22.0	20.9	20.9	22.0	22.2
82.5°	19.6	19.6	19.0	19.3	19.0	18.8	17.7	17.0	16.8	17.7	18.6
85°	15.5	15.8	15.5	15.3	15.2	14.5	13.6	12.9	12.7	13.6	14.9
87.5°	6.2	6.0	5.9	6.0	5.9	6.2	6.0	5.6	5.4	6.0	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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	228.4	228.7	229.2	229.2	229.7	229.4	229.7	229.9	229.9	230.0	230.0
5°	229.7	230.3	231.2	232.0	232.3	232.9	233.6	233.1	233.8	234.6	234.6
7.5°	230.0	231.6	232.3	233.6	233.8	234.6	236.1	235.1	236.4	237.0	237.2
10°	229.4	231.0	232.0	233.6	234.2	235.7	237.2	236.7	238.3	239.4	239.6
12.5°	225.6	227.1	229.4	231.6	233.3	235.7	238.5	237.7	239.8	241.1	241.8
15°	218.0	219.5	222.0	225.6	228.7	232.5	236.1	236.7	239.0	240.5	241.1
17.5°	206.1	208.1	210.9	214.5	218.6	224.9	229.7	232.0	235.1	235.9	237.0
20°	195.1	197.0	198.8	200.9	203.9	210.0	216.3	221.0	224.9	228.2	229.0
22.5°	180.4	182.1	184.3	186.0	188.2	192.5	197.7	203.1	209.1	211.1	213.2
25°	162.7	163.7	166.8	167.9	169.4	173.0	177.1	181.0	186.9	191.0	192.1
27.5°	143.6	144.7	147.5	148.2	150.1	153.6	156.7	158.1	163.5	167.9	171.3
30°	121.7	124.5	127.9	128.4	130.5	132.7	135.4	136.9	142.0	146.5	150.8
32.5°	102.6	105.4	108.3	110.0	111.1	112.7	115.6	117.1	121.9	126.0	130.2
35°	83.2	86.6	89.7	92.0	92.9	95.1	97.2	98.7	103.7	107.3	110.4
37.5°	68.5	71.1	74.3	76.7	79.1	80.6	83.2	85.3	88.4	90.3	93.6
40°	61.4	62.7	64.4	66.3	68.3	70.0	71.9	73.7	75.6	78.2	80.4
42.5°	59.0	59.2	59.2	59.8	60.9	61.8	63.5	64.8	66.1	68.1	69.1
45°	57.2	57.0	56.6	56.2	56.4	56.8	57.9	58.8	60.3	61.1	61.4
47.5°	56.4	55.5	54.7	54.0	53.8	54.0	54.9	55.7	56.6	57.2	57.5
50°	53.6	52.9	51.6	50.8	50.3	50.8	51.8	52.3	53.1	53.8	54.0
52.5°	50.8	49.9	49.0	48.2	48.2	48.4	49.3	50.1	51.0	51.2	51.6
55°	49.0	47.7	46.9	46.2	45.8	46.4	47.1	48.2	49.3	49.5	49.9
57.5°	47.3	46.0	45.1	44.5	44.1	44.7	45.4	46.9	48.2	48.2	48.2
60°	46.2	45.1	43.8	43.2	42.6	43.2	44.1	45.6	46.9	46.7	46.4
62.5°	43.2	42.1	41.5	41.5	40.8	42.0	42.8	44.5	44.7	44.3	43.8
63°	42.3	41.5	41.0	41.0	40.7	41.7	42.6	44.1	44.1	43.6	43.2
65°	40.2	39.5	39.1	39.5	39.5	40.7	40.8	42.0	41.7	41.0	40.8
67.5°	38.4	38.0	37.6	37.6	37.6	37.8	38.0	38.4	38.2	38.0	38.2
70°	35.6	35.4	35.0	35.0	34.8	34.8	34.8	35.0	35.0	35.3	35.4
72.5°	32.2	31.7	31.7	32.0	31.5	31.7	32.0	31.7	32.2	32.2	32.4
75°	28.3	28.1	28.6	28.9	28.7	28.7	28.9	28.9	29.2	29.2	29.4
77.5°	25.3	25.5	25.7	26.1	26.3	26.3	26.3	26.1	26.3	26.3	26.6
80°	22.5	22.9	23.3	23.7	24.0	24.0	24.0	23.7	23.7	23.7	23.7
82.5°	20.3	20.9	21.4	21.6	21.6	21.6	21.6	21.6	21.6	21.2	20.7
85°	17.0	18.3	18.3	18.6	18.0	17.5	17.0	17.3	17.5	16.7	16.5
87.5°	8.7	8.7	9.1	9.5	9.8	9.8	11.0	10.3	10.1	10.0	9.5
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°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	230.3	230.0	230.5	230.0	230.3	230.5	230.0	230.7	231.2	230.5	229.9
5°	235.1	235.1	236.1	236.6	236.7	238.0	237.4	237.9	238.3	238.0	238.3
7.5°	238.0	239.0	240.0	241.1	241.3	242.4	242.1	242.8	243.3	244.4	244.4
10°	240.7	241.8	243.3	244.4	245.4	246.3	246.7	248.0	248.2	249.1	249.1
12.5°	243.1	244.4	245.9	247.6	248.7	250.4	250.6	252.6	253.2	253.4	252.7
15°	242.6	244.1	245.9	247.8	249.8	251.9	253.2	255.2	256.2	256.7	255.5
17.5°	238.5	239.8	242.0	244.6	247.0	249.8	252.1	254.9	256.7	257.1	256.8
20°	230.5	231.4	234.2	237.7	240.5	244.7	248.2	252.6	255.4	257.5	258.1
22.5°	214.8	216.9	219.7	223.6	227.7	233.1	238.0	244.4	250.4	255.5	260.7
25°	195.7	199.6	203.9	209.1	214.1	219.7	225.3	232.5	241.3	252.1	264.5
27.5°	176.5	183.2	188.7	195.3	201.1	206.8	213.0	220.8	230.5	243.4	259.3
30°	157.0	164.7	170.4	178.2	186.0	193.6	199.8	208.1	217.6	230.7	248.0
32.5°	136.3	143.9	150.8	158.0	166.6	175.6	183.2	193.4	203.5	217.1	234.6
35°	115.0	121.7	127.4	135.1	144.6	154.2	164.2	175.8	186.9	201.1	219.7
37.5°	96.4	101.1	106.7	113.4	120.7	131.2	142.3	156.2	168.7	184.3	203.3
40°	81.0	83.6	86.9	92.5	99.2	109.3	120.4	135.1	150.1	167.3	185.6
42.5°	69.1	70.4	71.3	75.0	80.4	90.3	100.9	115.2	131.8	150.3	168.9
45°	61.4	62.0	62.2	64.2	68.1	76.7	87.7	99.8	115.8	134.0	153.4
47.5°	57.7	58.3	58.8	59.2	61.6	68.3	78.2	89.7	104.4	121.0	140.8
50°	54.7	55.3	56.0	55.7	56.8	61.1	69.6	80.2	94.0	109.3	129.0
52.5°	51.6	52.1	52.1	52.1	52.7	55.5	61.6	71.3	84.0	98.5	118.0
55°	49.9	50.3	50.5	50.8	51.0	52.5	57.0	64.8	75.8	89.2	106.7
57.5°	48.2	48.4	48.8	49.0	49.5	50.3	53.1	58.8	68.1	79.3	94.0
60°	46.7	47.1	48.0	48.2	48.7	48.8	50.1	53.6	59.6	68.3	80.2
62.5°	44.3	44.9	45.8	46.0	46.4	46.7	46.9	48.8	51.6	56.8	65.7
63°	43.6	44.3	45.4	45.6	45.8	45.8	46.0	47.3	49.9	54.4	60.9
65°	41.3	42.1	42.8	43.0	43.2	43.2	43.0	43.4	43.6	45.6	49.5
67.5°	38.7	39.3	39.7	40.0	39.7	40.0	39.7	39.3	38.9	39.3	41.0
70°	36.1	36.5	36.5	36.7	36.9	37.1	36.7	36.3	35.9	35.6	36.7
72.5°	33.0	33.5	33.5	33.7	33.7	34.1	34.1	34.0	34.0	34.1	34.3
75°	30.0	30.4	30.2	30.7	30.7	31.3	31.3	31.5	32.0	31.7	31.5
77.5°	27.3	27.4	27.4	27.6	27.9	28.9	29.6	29.8	29.8	29.4	28.9
80°	24.2	24.2	23.7	23.5	23.7	24.8	26.1	26.3	27.0	26.8	27.0
82.5°	20.3	19.4	18.8	18.8	19.3	19.9	20.3	20.7	21.2	21.2	21.6
85°	15.5	14.7	14.0	14.2	14.9	15.2	14.9	14.9	15.8	16.5	15.8
87.5°	9.3	8.5	8.0	7.3	7.5	8.2	8.0	7.3	7.5	6.0	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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6
2.5°	230.3	230.0	229.7	229.0	228.7	228.4	228.6	227.9	227.5	227.1	226.4
5°	238.3	238.3	237.0	237.0	236.4	236.1	234.6	234.0	232.7	233.1	231.6
7.5°	243.9	244.6	243.1	242.8	242.0	241.8	239.8	239.2	238.0	237.7	236.4
10°	248.0	248.0	246.0	244.6	243.4	242.4	240.5	239.6	238.7	239.0	238.0
12.5°	251.3	249.8	247.0	244.7	243.3	242.1	240.7	240.0	239.8	241.3	241.6
15°	253.9	251.7	248.2	246.7	245.4	245.2	245.2	245.9	247.4	250.1	252.4
17.5°	255.4	254.0	252.4	251.9	254.0	255.4	257.1	259.1	261.2	265.1	267.4
20°	258.1	259.1	260.4	262.0	265.5	268.7	270.9	273.8	276.3	281.1	284.9
22.5°	265.5	270.5	274.6	278.0	283.3	287.8	290.6	294.5	296.4	299.6	305.7
25°	275.0	285.2	293.9	301.1	309.1	314.0	317.8	322.8	325.8	331.2	336.6
27.5°	272.2	286.7	299.6	313.3	324.3	336.6	345.2	353.5	358.6	366.6	373.8
30°	263.5	280.8	298.3	316.3	333.8	351.5	367.9	382.8	394.2	405.8	417.4
32.5°	251.9	271.8	293.2	315.2	338.1	362.7	385.4	407.9	426.9	443.5	459.7
35°	238.5	261.0	283.3	310.4	338.8	370.0	401.6	432.7	461.7	491.1	511.0
37.5°	222.5	245.4	270.2	301.6	334.9	373.6	413.7	454.3	495.4	534.9	569.3
40°	205.5	228.7	254.9	288.8	326.4	371.4	421.5	476.2	532.6	589.8	635.4
42.5°	190.3	214.3	242.8	277.2	318.0	368.6	427.7	495.0	563.9	634.7	701.7
45°	175.6	202.0	232.0	268.9	314.3	370.7	437.0	512.5	592.0	678.0	759.6
47.5°	162.4	189.2	218.4	258.8	308.9	371.8	446.1	530.0	618.5	711.6	808.7
50°	150.6	176.5	205.2	245.9	300.6	371.2	454.3	545.8	641.4	738.2	846.4
52.5°	138.9	165.3	194.7	233.3	290.1	367.4	458.2	558.7	662.6	765.0	876.9
55°	127.4	153.4	183.0	221.5	276.6	358.0	457.8	567.1	679.4	790.3	906.3
57.5°	114.0	138.7	167.6	208.3	262.0	343.3	451.4	571.0	694.0	815.4	941.5
60°	97.4	120.6	148.5	189.0	243.1	324.5	437.7	568.8	702.3	834.0	971.5
62.5°	76.9	97.0	122.5	162.2	219.3	297.5	412.2	549.2	688.9	831.4	985.6
63°	72.6	91.6	116.5	155.7	209.1	290.1	404.7	541.4	682.5	826.0	983.6
65°	58.3	70.6	90.5	125.8	175.0	254.0	367.1	501.4	647.7	787.9	955.5
67.5°	44.7	51.0	61.6	86.2	123.8	199.8	297.3	424.9	562.1	694.0	865.0
70°	38.2	41.0	45.6	57.2	78.6	126.1	208.7	316.9	435.7	550.0	703.9
72.5°	34.8	36.1	38.4	43.4	54.0	75.6	133.1	206.3	296.4	392.1	511.0
75°	32.0	33.0	35.0	37.6	41.5	50.3	75.8	126.1	192.7	257.5	344.8
77.5°	29.2	29.8	32.0	34.3	36.9	41.5	50.1	72.6	110.8	151.9	207.8
80°	26.8	26.3	27.9	31.7	34.3	36.9	39.5	47.1	63.1	83.2	112.4
82.5°	21.4	21.9	23.2	27.0	28.1	27.4	27.9	29.2	35.3	38.4	57.5
85°	14.5	13.4	13.2	13.6	13.6	12.9	12.9	12.7	14.0	16.0	27.4
87.5°	3.9	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°	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	226.6	0°
2.5°	226.0	225.8	226.0	224.9	224.9	224.7	224.5	224.0	224.0	223.2	223.8	2.5°
5°	230.3	229.9	229.0	227.7	227.1	226.2	226.2	225.3	224.7	223.8	224.0	5°
7.5°	235.3	235.4	234.0	232.9	232.5	231.6	231.8	230.5	230.7	230.0	229.7	7.5°
10°	238.0	238.0	238.5	238.3	238.7	238.7	239.4	238.5	238.0	237.4	237.4	10°
12.5°	242.6	243.4	245.2	245.2	246.5	247.0	247.2	247.6	246.7	246.3	244.7	12.5°
15°	253.9	256.0	257.5	259.7	262.2	263.2	263.2	262.2	261.9	261.2	258.4	15°
17.5°	272.5	277.2	278.5	282.0	282.3	283.4	286.5	284.7	283.6	279.2	278.2	17.5°
20°	291.4	297.5	303.5	307.8	310.0	314.3	315.0	314.1	309.8	305.5	303.5	20°
22.5°	314.3	323.4	330.3	337.0	340.3	342.4	347.2	346.1	342.6	336.2	333.6	22.5°
25°	346.8	358.0	365.3	373.6	377.9	380.0	384.7	384.7	381.1	379.2	379.0	25°
27.5°	387.5	401.4	413.5	416.3	427.5	430.1	434.7	434.7	431.3	428.8	440.3	27.5°
30°	432.9	447.4	468.4	482.4	496.0	509.4	509.2	510.0	514.1	516.4	521.3	30°
32.5°	478.3	496.3	518.5	548.9	578.1	603.0	635.2	655.7	649.4	631.9	625.0	32.5°
35°	533.4	553.3	580.3	611.0	664.4	696.6	712.1	723.1	724.4	726.8	731.7	35°
37.5°	594.8	628.0	659.4	694.1	723.7	762.9	798.9	827.9	834.6	848.2	840.4	37.5°
40°	672.3	709.5	742.3	787.3	827.0	874.1	925.8	965.5	981.5	976.3	937.4	40°
42.5°	753.6	799.5	838.1	891.0	942.6	1004.8	1058.1	1113.7	1123.6	1083.6	1025.6	42.5°
45°	828.3	885.3	933.1	988.2	1051.3	1125.8	1197.1	1254.1	1252.2	1183.7	1106.0	45°
47.5°	895.5	965.5	1023.8	1095.5	1163.4	1252.2	1334.1	1376.2	1351.4	1270.3	1175.1	47.5°
50°	951.0	1038.3	1110.2	1182.8	1269.0	1376.0	1454.8	1478.6	1430.6	1342.5	1242.2	50°
52.5°	995.7	1105.3	1186.1	1269.7	1378.6	1491.2	1559.0	1550.1	1488.1	1397.6	1297.8	52.5°
55°	1033.6	1156.5	1252.8	1351.5	1486.6	1590.3	1635.5	1611.6	1525.0	1433.2	1335.8	55°
57.5°	1072.7	1206.1	1314.1	1428.7	1579.1	1668.1	1693.1	1644.3	1542.5	1446.8	1352.2	57.5°
60°	1111.7	1247.6	1368.4	1496.1	1649.0	1731.5	1724.7	1651.6	1537.4	1436.9	1341.2	60°
62.5°	1138.1	1272.3	1399.9	1537.6	1701.6	1764.0	1721.7	1625.5	1507.4	1397.8	1308.4	62.5°
63°	1138.8	1273.1	1401.9	1540.4	1707.4	1765.0	1715.8	1616.2	1497.9	1389.8	1298.6	63°
65°	1125.1	1256.9	1384.7	1527.6	1702.4	1740.2	1665.5	1561.3	1443.6	1334.5	1248.1	65°
67.5°	1055.5	1190.0	1302.7	1437.6	1613.4	1624.2	1530.7	1446.6	1340.8	1227.7	1137.5	67.5°
70°	915.4	1027.1	1137.7	1250.2	1397.8	1395.8	1307.9	1265.1	1172.5	1043.7	971.4	70°
72.5°	728.1	828.3	906.1	981.5	1078.7	1059.1	1002.4	1014.3	954.2	858.1	815.2	72.5°
75°	540.6	650.7	688.7	719.4	760.5	760.7	776.3	810.0	809.1	755.7	701.5	75°
77.5°	354.5	475.1	487.8	512.5	561.7	628.7	697.9	772.1	790.7	748.6	668.5	77.5°
80°	197.7	323.0	308.3	329.5	382.6	473.6	575.5	657.7	706.1	682.5	597.6	80°
82.5°	101.1	186.2	178.0	207.4	250.4	329.5	396.8	459.9	517.0	513.8	481.6	82.5°
85°	52.5	102.0	116.0	131.3	152.9	181.3	206.8	225.1	248.8	290.8	305.0	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.0	15.5	11.3	30.9	44.1	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°
226.6	226.6	226.6	226.6	226.6	226.6	226.6
224.0	224.3	223.8	223.8	224.0	224.0	223.6
223.6	223.6	223.2	222.7	222.3	222.3	221.9
228.6	228.6	227.1	226.4	225.3	224.5	224.0
235.9	234.6	232.9	231.6	229.9	227.9	226.9
243.3	241.3	239.2	237.2	235.1	232.9	231.8
255.4	252.7	250.0	247.6	244.6	241.3	240.0
274.0	269.9	266.1	262.7	257.3	254.9	252.4
298.6	292.6	287.8	282.0	275.3	273.1	269.9
328.4	323.2	313.7	309.4	302.7	299.4	300.1
373.8	367.1	356.0	351.9	351.3	344.2	340.7
432.9	433.4	423.3	412.2	406.1	394.9	380.7
517.2	511.4	499.5	488.3	474.0	452.8	429.0
619.2	606.2	586.5	565.6	540.3	507.7	474.4
718.8	696.1	664.7	629.8	593.2	552.7	505.6
806.2	771.1	724.2	684.0	632.4	581.6	524.1
886.2	842.6	782.1	730.1	669.1	603.8	535.8
963.5	908.3	834.1	763.7	694.8	618.8	541.4
1037.2	966.0	878.0	794.1	713.6	628.5	542.2
1093.9	1016.0	917.3	816.2	726.5	635.8	542.2
1146.3	1058.4	947.4	833.5	738.6	640.7	542.7
1187.2	1088.2	966.8	845.8	748.2	644.5	544.7
1216.8	1107.6	979.7	853.4	755.1	649.7	548.9
1237.5	1120.4	986.9	860.1	763.5	658.7	561.0
1247.4	1143.9	998.8	873.5	778.0	678.0	585.3
1239.9	1180.5	1032.7	896.2	798.1	708.0	623.9
1236.7	1187.2	1042.0	901.1	802.6	714.4	637.3
1211.4	1193.9	1080.2	926.1	824.2	743.2	674.7
1132.9	1167.5	1112.4	968.6	870.6	812.9	744.5
1031.4	1128.4	1106.6	974.0	900.3	870.2	788.6
909.8	1010.2	989.9	902.0	867.6	870.9	777.1
716.0	791.4	778.0	747.1	754.0	777.8	665.6
573.6	563.4	532.6	534.7	574.7	602.5	479.2
468.6	379.4	339.2	340.3	410.0	439.0	305.3
446.0	358.9	292.3	255.4	298.3	287.4	159.4
317.6	318.2	264.0	214.5	207.8	176.7	99.3
75.2	60.3	43.0	32.0	33.7	22.2	11.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)