

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: P181058

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181058
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
Description: ICON SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (21) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2588.3 lumens
Efficiency: N/A
Efficacy: 104.8 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

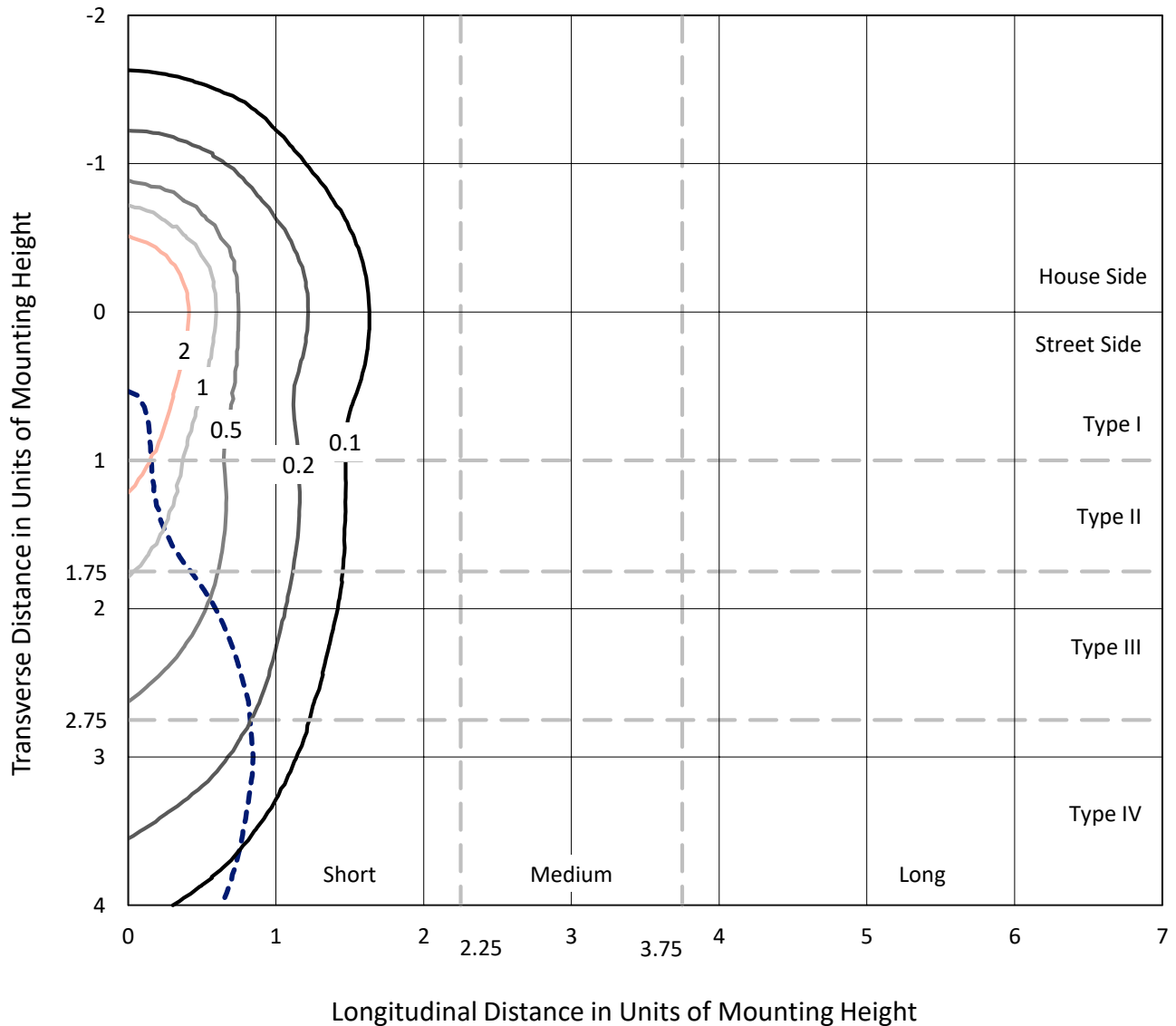


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Iso-Footcandle Lines of Horizontal Illumination

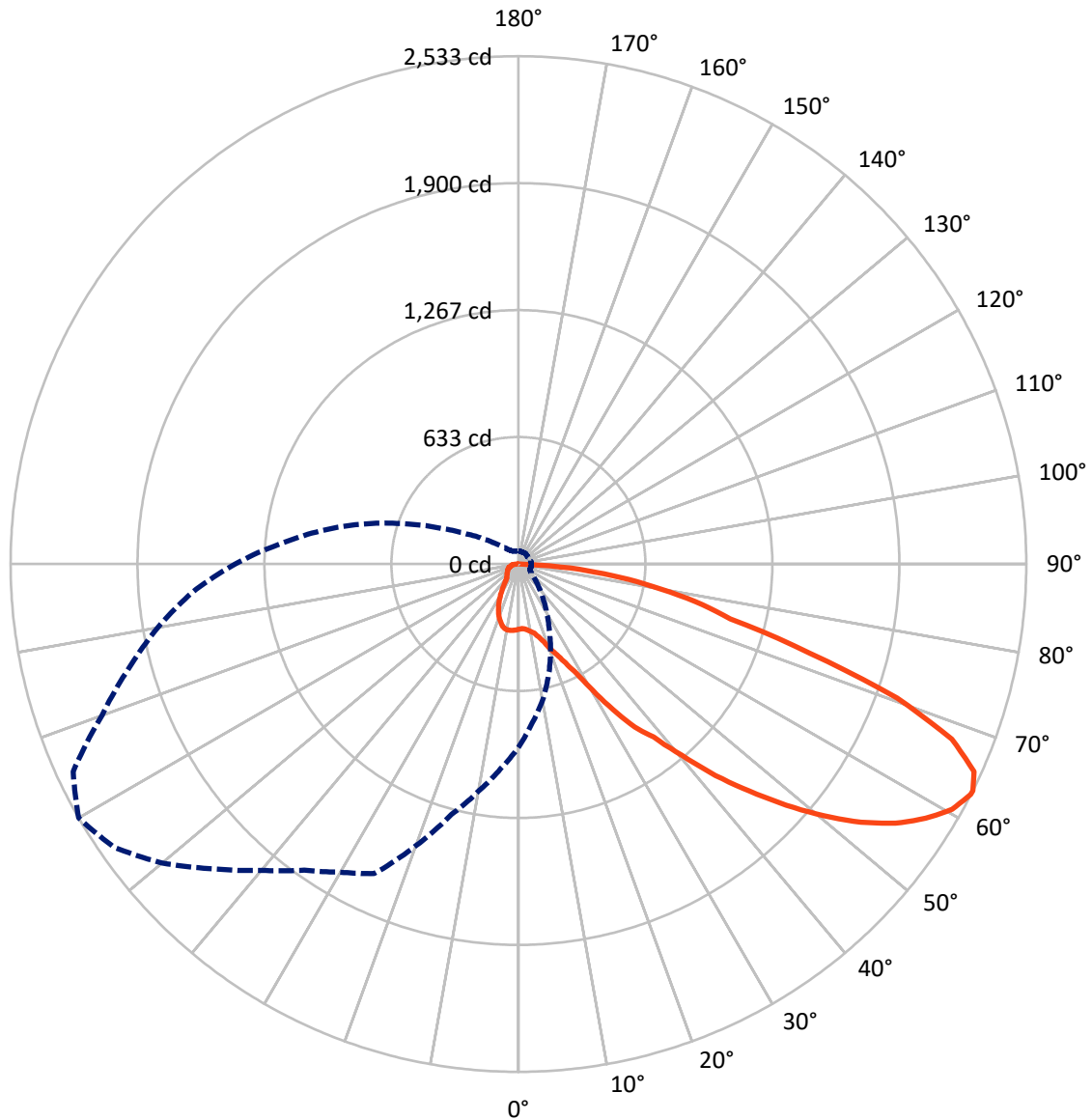
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4.1 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	561.3	0.0	561.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	2027.1	0.0	2027.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	2588.3	0.0	2588.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	1.2
10°-20°	98.6	3.8
20°-30°	175.2	6.8
30°-40°	275.9	10.7
40°-50°	406.0	15.7
50°-60°	539.3	20.8
60°-70°	594.0	23.0
70°-80°	372.7	14.4
80°-90°	94.9	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°	2588.3	100.0
0°-180°	2588.3	100.0



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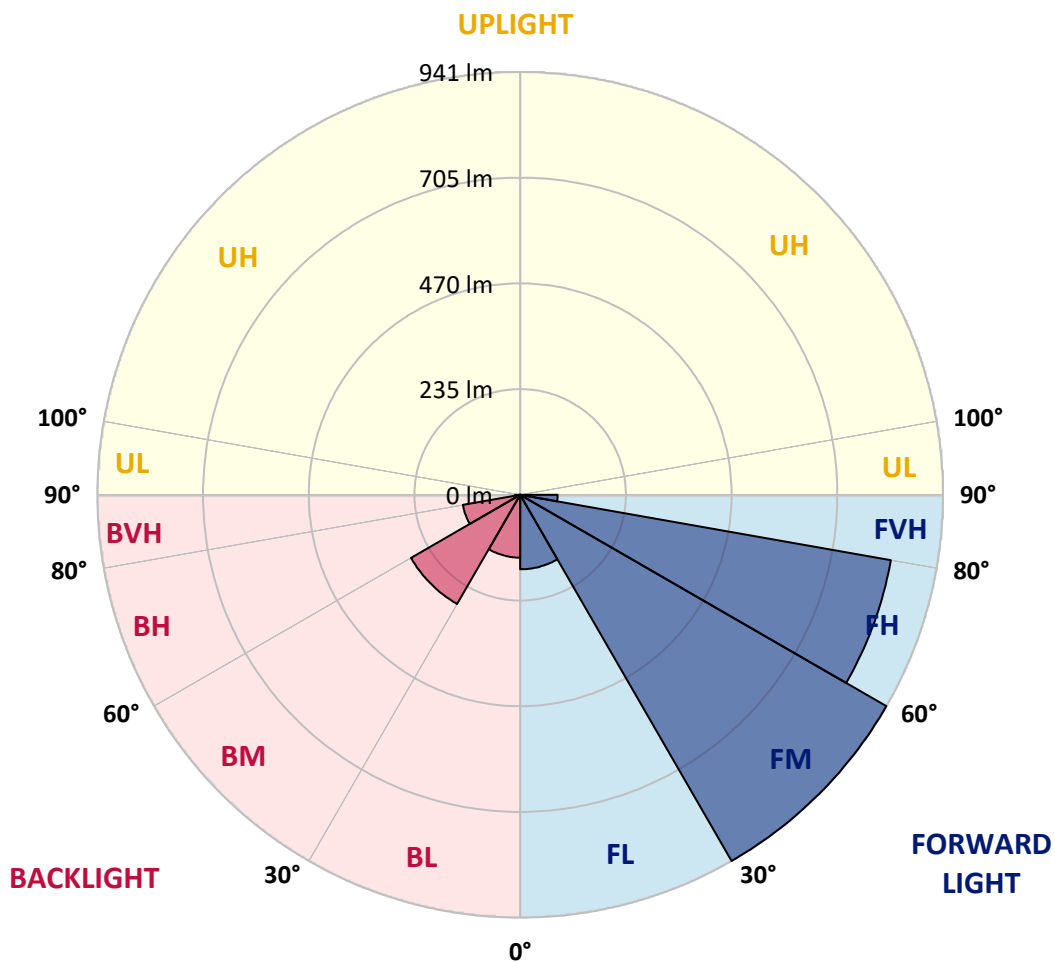
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	165.7	6.4			
FM	(30°-60°)	940.7	36.3			
FH	(60°-80°)	837.4	32.4			G1/1800
FVH	(80°-90°)	83.3	3.2			G1/100
BL	(0°-30°)	139.7	5.4	B1/500		
BM	(30°-60°)	280.5	10.8	B1/1000		
BH	(60°-80°)	129.4	5.0	B1/500		G1/500
BVH	(80°-90°)	11.6	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°	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3
2.5°	320.9	321.9	321.6	321.6	322.1	321.9	321.9	322.1	322.1	323.1	324.4
5°	318.4	318.1	317.5	318.1	318.1	318.1	316.9	317.9	318.1	318.8	318.8
7.5°	321.6	320.7	319.4	319.7	319.7	319.1	318.1	318.4	318.1	318.1	317.9
10°	325.6	323.4	321.9	321.9	321.9	321.2	319.7	320.7	320.7	320.3	320.7
12.5°	332.7	330.2	328.4	327.7	327.7	326.8	325.6	326.8	326.2	326.2	325.6
15°	344.5	341.7	339.5	337.7	338.0	338.0	336.5	335.5	334.2	332.7	329.6
17.5°	362.1	359.1	356.3	354.7	355.1	352.8	348.6	344.2	338.3	332.4	325.9
20°	387.3	386.3	382.6	381.1	377.4	372.1	360.0	349.8	338.3	327.2	316.0
22.5°	430.7	426.3	422.6	416.7	404.4	389.8	369.6	351.6	333.7	317.9	303.0
25°	489.0	481.2	463.0	444.9	419.5	393.5	366.2	343.0	320.7	299.8	281.6
27.5°	546.3	522.8	490.2	457.7	420.5	386.3	352.3	324.7	298.6	276.0	255.8
30°	615.8	576.1	526.2	474.7	422.0	376.1	335.2	303.0	272.8	249.0	227.9
32.5°	680.9	623.5	558.1	490.5	425.4	366.5	315.6	279.1	248.1	218.0	197.2
35°	725.6	651.2	571.8	492.1	417.0	348.2	291.2	248.1	217.0	189.1	164.7
37.5°	752.3	663.3	572.4	480.9	397.5	323.4	260.2	217.4	188.8	162.1	143.0
40°	769.0	666.1	564.4	464.8	372.7	292.1	229.1	190.7	164.7	143.3	128.4
42.5°	777.0	661.7	551.4	444.4	347.6	264.2	207.4	171.2	148.6	133.3	122.1
45°	778.3	654.0	537.4	425.8	325.3	244.0	192.6	163.1	144.5	131.8	120.7
47.5°	778.3	647.2	526.2	412.1	310.7	235.4	191.4	166.5	148.2	134.0	120.7
50°	778.9	644.9	521.6	405.3	305.8	240.0	201.9	177.0	156.3	137.7	120.3
52.5°	781.7	647.7	525.3	410.5	314.7	258.6	221.7	192.8	166.8	142.0	120.3
55°	787.9	657.0	541.1	428.8	338.9	286.8	245.6	210.0	175.2	143.9	118.4
57.5°	805.3	680.7	570.0	464.2	380.2	319.4	267.3	222.0	178.3	142.3	114.7
60°	840.0	727.4	619.3	513.8	423.9	347.3	280.0	223.9	175.5	137.4	108.8
62.5°	895.5	781.1	679.1	567.7	462.6	362.8	281.6	219.3	168.1	128.4	100.2
63°	914.7	794.4	691.8	578.0	467.6	364.0	280.3	217.4	166.2	125.9	98.9
65°	968.4	850.5	735.8	614.0	481.6	364.4	273.5	208.1	157.5	116.3	90.2
67.5°	1068.6	924.4	791.4	642.1	486.5	354.4	256.1	190.7	139.3	101.4	79.3
70°	1131.8	965.6	812.7	642.8	471.9	326.2	226.0	162.5	116.0	84.0	68.2
72.5°	1115.4	924.9	756.3	584.8	409.0	272.6	181.7	127.7	90.5	67.3	56.7
75°	955.4	770.0	617.0	453.0	309.1	200.3	133.0	91.2	67.0	52.7	47.4
77.5°	687.7	554.1	442.5	322.8	208.4	129.6	88.4	65.1	50.9	43.4	39.1
80°	438.1	324.9	270.7	194.1	121.9	80.3	60.7	49.3	41.9	36.3	33.5
82.5°	228.8	160.3	130.2	99.3	67.6	53.0	44.7	40.3	34.4	30.0	28.6
85°	142.6	94.6	70.0	49.0	33.8	30.4	27.9	27.3	24.5	21.7	20.7
87.5°	16.1	14.6	15.2	9.6	7.2	7.7	7.4	10.0	9.6	7.2	7.4
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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CATALOG NUMBER: ICM-E01-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3
2.5°	323.1	323.7	323.7	324.7	324.7	325.3	325.9	325.9	326.5	326.8	327.4
5°	319.4	319.4	319.4	320.7	320.9	322.8	323.4	324.0	324.7	326.8	328.1
7.5°	318.4	317.2	317.9	317.9	318.8	320.3	321.9	322.8	323.7	326.5	328.4
10°	320.3	319.4	318.4	318.4	318.8	319.4	320.7	321.6	322.1	324.9	326.5
12.5°	325.3	323.1	321.2	319.7	318.4	318.1	317.5	317.9	318.4	320.0	322.1
15°	326.2	322.1	318.1	314.1	311.0	309.1	307.6	307.0	307.0	307.9	310.4
17.5°	320.0	313.2	307.3	302.0	298.6	295.2	293.7	292.4	291.8	293.0	293.3
20°	306.7	298.6	290.5	284.4	278.1	277.2	274.7	275.4	276.0	277.9	278.8
22.5°	288.4	278.8	268.8	262.3	257.4	253.0	250.2	251.4	252.4	254.2	255.2
25°	266.0	252.1	241.6	235.1	229.8	226.0	223.0	224.2	223.0	225.1	228.6
27.5°	239.7	223.3	212.1	204.7	200.9	197.9	194.7	194.7	197.9	197.9	200.7
30°	207.7	195.6	181.1	173.3	168.7	166.8	166.5	165.9	168.1	169.3	172.4
32.5°	177.7	162.8	148.8	141.4	137.4	135.2	135.5	135.8	136.7	138.6	143.5
35°	147.3	134.2	124.4	116.0	111.9	107.9	107.9	107.3	108.2	110.4	116.3
37.5°	127.7	116.3	108.6	102.0	98.0	95.5	93.3	92.4	92.4	93.3	95.5
40°	116.9	108.6	101.4	95.8	92.1	90.0	88.7	87.7	87.2	87.2	87.4
42.5°	111.9	103.3	96.1	91.2	88.4	87.2	86.8	86.5	85.6	85.3	84.9
45°	109.5	99.5	91.4	87.4	85.3	84.7	84.9	84.9	84.7	84.0	82.8
47.5°	107.6	96.1	88.1	84.4	83.4	83.4	83.4	83.4	83.1	82.8	81.9
50°	104.5	90.9	82.1	79.3	78.8	78.8	79.1	79.1	79.7	79.1	78.4
52.5°	101.1	85.9	77.2	74.7	74.4	74.1	74.1	74.1	74.4	74.4	74.1
55°	97.4	82.1	74.7	72.8	73.2	72.8	72.6	72.3	72.3	71.9	71.3
57.5°	93.7	79.1	72.8	71.6	71.9	71.9	71.3	70.7	70.4	69.5	68.8
60°	88.1	74.7	69.1	68.6	69.5	69.5	69.5	69.1	69.1	68.8	67.3
62.5°	80.7	68.6	64.2	64.5	64.8	65.4	65.4	65.4	65.4	64.8	63.3
63°	79.1	67.3	63.3	63.3	64.2	64.2	64.5	64.2	64.5	63.9	62.0
65°	72.8	63.3	60.2	60.5	61.1	61.1	61.1	60.7	60.7	59.8	58.9
67.5°	65.8	58.3	56.5	56.7	57.0	57.7	57.4	57.4	57.7	57.0	56.1
70°	57.7	53.0	51.8	52.1	52.4	52.4	52.1	52.1	52.4	51.8	50.9
72.5°	51.4	49.6	48.7	48.7	48.1	48.1	47.4	47.2	46.8	46.8	45.9
75°	43.4	43.1	43.4	44.0	43.4	42.8	42.5	41.6	40.9	40.9	40.7
77.5°	37.2	37.2	37.9	38.8	39.1	39.1	38.1	36.6	36.3	36.3	36.3
80°	32.3	31.6	31.6	32.6	33.5	33.2	31.6	30.0	30.0	31.6	31.9
82.5°	28.2	28.2	27.3	27.6	27.3	27.0	25.4	24.5	24.2	25.4	26.7
85°	22.3	22.6	22.3	22.0	21.7	20.7	19.5	18.6	18.3	19.5	21.4
87.5°	9.0	8.7	8.4	8.7	8.4	9.0	8.7	8.1	7.7	8.7	10.5
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3
2.5°	327.7	328.4	329.0	329.0	329.6	329.3	329.6	330.0	330.0	330.2	330.2
5°	329.6	330.5	331.8	333.0	333.3	334.2	335.2	334.6	335.5	336.7	336.7
7.5°	330.2	332.4	333.3	335.2	335.5	336.7	338.9	337.4	339.3	340.2	340.5
10°	329.3	331.4	333.0	335.2	336.1	338.3	340.5	339.8	342.0	343.5	343.9
12.5°	323.7	325.9	329.3	332.4	334.9	338.3	342.3	341.1	344.2	346.0	347.0
15°	312.8	315.1	318.8	323.7	328.4	333.7	338.9	339.8	343.0	345.1	346.0
17.5°	295.8	298.6	302.6	307.9	313.8	322.8	329.6	333.0	337.4	338.6	340.2
20°	280.0	282.8	285.3	288.4	292.7	301.4	310.4	317.2	322.8	327.4	328.7
22.5°	258.9	261.4	264.5	267.0	270.0	276.3	283.7	291.4	300.2	303.0	306.0
25°	233.5	235.1	239.4	240.9	243.1	248.4	254.2	259.8	268.2	274.1	275.6
27.5°	206.2	207.7	211.8	212.7	215.5	220.5	224.8	227.0	234.7	240.9	245.9
30°	174.6	178.6	183.5	184.2	187.3	190.4	194.4	196.6	203.7	210.2	216.5
32.5°	147.3	151.3	155.3	157.9	159.3	161.9	165.9	168.1	174.9	180.7	187.0
35°	119.3	124.4	128.7	132.1	133.3	136.5	139.5	141.7	148.8	154.1	158.4
37.5°	98.3	102.0	106.7	110.0	113.5	115.6	119.3	122.5	126.8	129.6	134.2
40°	88.1	90.0	92.4	95.2	98.0	100.5	103.3	105.8	108.6	112.3	115.3
42.5°	84.7	84.9	84.9	85.9	87.4	88.7	91.2	93.0	94.9	97.7	99.3
45°	82.1	81.9	81.2	80.7	80.9	81.6	83.1	84.4	86.5	87.7	88.1
47.5°	80.9	79.7	78.4	77.5	77.2	77.5	78.8	80.0	81.2	82.1	82.5
50°	76.9	76.0	74.1	72.8	72.3	72.8	74.4	75.1	76.3	77.2	77.5
52.5°	72.8	71.6	70.4	69.1	69.1	69.5	70.7	71.9	73.2	73.5	74.1
55°	70.4	68.6	67.3	66.3	65.8	66.7	67.6	69.1	70.7	71.0	71.6
57.5°	67.9	66.0	64.8	63.9	63.3	64.2	65.1	67.3	69.1	69.1	69.1
60°	66.3	64.8	63.0	62.0	61.1	62.0	63.3	65.4	67.3	67.0	66.7
62.5°	62.0	60.5	59.5	59.5	58.6	60.2	61.4	63.9	64.2	63.5	63.0
63°	60.7	59.5	58.9	58.9	58.3	59.8	61.1	63.3	63.3	62.6	62.0
65°	57.7	56.7	56.1	56.7	56.7	58.3	58.6	60.2	59.8	58.9	58.6
67.5°	55.2	54.6	54.0	54.0	54.0	54.2	54.6	55.2	54.9	54.6	54.9
70°	51.2	50.9	50.2	50.2	50.0	50.0	50.0	50.2	50.2	50.5	50.9
72.5°	46.2	45.6	45.6	45.9	45.3	45.6	45.9	45.6	46.2	46.2	46.5
75°	40.7	40.3	40.9	41.6	41.2	41.2	41.6	41.6	41.9	41.9	42.1
77.5°	36.3	36.6	36.9	37.5	37.9	37.9	37.9	37.5	37.9	37.9	38.1
80°	32.3	32.8	33.5	34.1	34.4	34.4	34.4	34.1	34.1	34.1	34.1
82.5°	29.1	30.0	30.7	31.0	31.0	31.0	31.0	31.0	31.0	30.4	29.8
85°	24.5	26.3	26.3	26.7	25.8	25.1	24.5	24.8	25.1	23.9	23.5
87.5°	12.4	12.4	13.0	13.7	14.0	14.0	15.8	14.9	14.6	14.2	13.7
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3
2.5°	330.5	330.2	330.9	330.2	330.5	330.9	330.2	331.2	331.8	330.9	330.0
5°	337.4	337.4	338.9	339.5	339.8	341.7	340.7	341.4	342.0	341.7	342.0
7.5°	341.7	343.0	344.5	346.0	346.3	347.9	347.6	348.6	349.1	350.7	350.7
10°	345.4	347.0	349.1	350.7	352.3	353.5	354.1	356.0	356.3	357.5	357.5
12.5°	348.8	350.7	352.8	355.4	356.9	359.4	359.7	362.5	363.4	363.7	362.8
15°	348.2	350.4	352.8	355.6	358.4	361.6	363.4	366.2	367.7	368.4	366.8
17.5°	342.3	344.2	347.3	351.0	354.4	358.4	361.9	365.9	368.4	369.0	368.7
20°	330.9	332.1	336.1	341.1	345.1	351.4	356.3	362.5	366.5	369.6	370.5
22.5°	308.2	311.4	315.4	320.9	326.8	334.6	341.7	350.7	359.4	366.8	374.2
25°	280.9	286.5	292.7	300.2	307.3	315.4	323.4	333.7	346.3	361.9	379.5
27.5°	253.3	263.0	270.7	280.3	288.7	296.7	305.8	316.9	330.9	349.5	372.1
30°	225.4	236.3	244.7	255.8	267.0	277.9	286.8	298.6	312.3	331.2	356.0
32.5°	195.6	206.5	216.5	226.7	239.1	252.1	263.0	277.5	292.1	311.6	336.7
35°	164.9	174.6	183.0	193.8	207.4	221.4	235.6	252.4	268.2	288.7	315.4
37.5°	138.3	145.1	153.2	162.8	173.3	188.2	204.4	224.2	242.1	264.5	291.8
40°	116.3	120.0	124.7	132.7	142.3	156.9	172.7	193.8	215.5	240.0	266.3
42.5°	99.3	101.1	102.3	107.6	115.3	129.6	144.8	165.3	189.1	215.8	242.5
45°	88.1	89.0	89.3	92.1	97.7	110.0	125.9	143.3	166.2	192.3	220.2
47.5°	82.8	83.7	84.4	84.9	88.4	98.0	112.3	128.7	149.8	173.7	202.1
50°	78.4	79.3	80.3	80.0	81.6	87.7	99.8	115.1	134.9	156.9	185.1
52.5°	74.1	74.7	74.7	74.7	75.6	79.7	88.4	102.3	120.7	141.4	169.3
55°	71.6	72.3	72.6	72.8	73.2	75.3	81.9	93.0	108.8	128.1	153.2
57.5°	69.1	69.5	70.0	70.4	71.0	72.3	76.3	84.4	97.7	113.8	134.9
60°	67.0	67.6	68.8	69.1	69.8	70.0	71.9	76.9	85.6	98.0	115.1
62.5°	63.5	64.5	65.8	66.0	66.7	67.0	67.3	70.0	74.1	81.6	94.2
63°	62.6	63.5	65.1	65.4	65.8	65.8	66.0	67.9	71.6	78.1	87.4
65°	59.3	60.5	61.4	61.7	62.0	62.0	61.7	62.3	62.6	65.4	71.0
67.5°	55.5	56.5	57.0	57.4	57.0	57.4	57.0	56.5	55.8	56.5	58.9
70°	51.8	52.4	52.4	52.7	53.0	53.3	52.7	52.1	51.4	51.2	52.7
72.5°	47.4	48.1	48.1	48.4	48.4	49.0	49.0	48.7	48.7	49.0	49.3
75°	43.1	43.7	43.4	44.0	44.0	44.9	44.9	45.3	45.9	45.6	45.3
77.5°	39.1	39.3	39.3	39.7	40.0	41.6	42.5	42.8	42.8	42.1	41.6
80°	34.7	34.7	34.1	33.8	34.1	35.6	37.5	37.9	38.8	38.4	38.8
82.5°	29.1	27.9	27.0	27.0	27.6	28.6	29.1	29.8	30.4	30.4	31.0
85°	22.3	21.1	20.2	20.5	21.4	21.7	21.4	21.4	22.6	23.5	22.6
87.5°	13.3	12.1	11.4	10.5	10.9	11.8	11.4	10.5	10.9	8.7	8.1
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°	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3
2.5°	330.5	330.2	329.6	328.7	328.4	327.7	328.1	327.2	326.5	325.9	324.9
5°	342.0	342.0	340.2	340.2	339.3	338.9	336.7	335.8	334.0	334.6	332.4
7.5°	350.0	351.0	348.8	348.6	347.3	347.0	344.2	343.3	341.7	341.1	339.3
10°	356.0	356.0	353.2	351.0	349.5	347.9	345.1	343.9	342.6	343.0	341.7
12.5°	360.7	358.4	354.4	351.4	349.1	347.6	345.4	344.5	344.2	346.3	346.7
15°	364.4	361.2	356.3	354.1	352.3	351.9	351.9	352.8	355.1	359.1	362.1
17.5°	366.5	364.7	362.1	361.6	364.7	366.5	369.0	371.8	374.9	380.5	383.9
20°	370.5	371.8	373.7	376.1	381.1	385.8	388.8	392.8	396.6	403.4	409.0
22.5°	381.1	388.2	394.1	399.1	406.5	413.0	417.0	422.6	425.4	430.0	438.8
25°	394.7	409.3	421.7	432.3	443.7	450.5	456.1	463.3	467.6	475.4	483.1
27.5°	390.7	411.4	430.0	449.6	465.4	483.1	495.5	507.3	514.7	526.2	536.5
30°	378.3	403.1	428.2	454.0	479.1	504.5	528.1	549.5	565.9	582.3	599.1
32.5°	361.6	390.0	420.7	452.4	485.3	520.7	553.2	585.4	612.7	636.6	659.8
35°	342.3	374.6	406.5	445.6	486.2	531.2	576.5	621.1	662.6	704.8	733.3
37.5°	319.4	352.3	387.9	432.8	480.7	536.1	593.8	652.1	711.0	767.7	817.0
40°	294.9	328.4	365.9	414.6	468.6	533.0	604.9	683.4	764.4	846.5	911.9
42.5°	273.2	307.6	348.6	397.9	456.5	529.0	614.0	710.4	809.3	911.0	1007.2
45°	252.1	290.0	333.0	386.0	451.2	532.1	627.3	735.5	849.6	973.0	1090.2
47.5°	233.2	271.6	313.5	371.4	443.4	533.7	640.3	760.7	887.7	1021.4	1160.7
50°	216.1	253.3	294.6	352.8	431.4	532.7	652.1	783.3	920.7	1059.5	1214.9
52.5°	199.4	237.2	279.4	334.9	416.5	527.4	657.7	801.9	951.0	1098.0	1258.6
55°	183.0	220.2	262.6	317.9	396.9	513.8	657.0	814.0	975.2	1134.2	1300.8
57.5°	163.7	199.1	240.7	298.9	376.1	492.7	647.7	819.5	996.0	1170.2	1351.4
60°	139.8	173.0	213.0	271.4	348.8	465.8	628.2	816.5	1008.1	1196.9	1394.4
62.5°	110.4	139.3	175.8	232.8	314.7	427.0	591.6	788.2	988.8	1193.2	1414.6
63°	104.2	131.4	167.2	223.5	300.2	416.5	580.7	777.0	979.5	1185.4	1411.8
65°	83.7	101.4	130.0	180.5	251.2	364.7	526.8	719.7	929.6	1130.9	1371.5
67.5°	64.2	73.2	88.4	123.7	177.7	286.8	426.7	610.0	806.8	996.0	1241.6
70°	54.9	58.9	65.4	82.1	112.8	181.1	299.5	454.9	625.4	789.5	1010.2
72.5°	50.0	51.8	55.2	62.3	77.5	108.6	191.0	296.1	425.4	562.8	733.3
75°	45.9	47.4	50.2	54.0	59.5	72.3	108.8	181.1	276.6	369.6	494.9
77.5°	41.9	42.8	45.9	49.3	53.0	59.5	71.9	104.2	159.1	218.0	298.3
80°	38.4	37.9	40.0	45.6	49.3	53.0	56.7	67.6	90.5	119.3	161.2
82.5°	30.7	31.3	33.2	38.8	40.3	39.3	40.0	41.9	50.5	55.2	82.5
85°	20.7	19.3	18.9	19.5	19.5	18.6	18.6	18.3	20.2	23.0	39.3
87.5°	5.6	2.8	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°	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	325.3	0°
2.5°	324.4	324.0	324.4	322.8	322.8	322.5	322.1	321.6	321.6	320.3	321.2	2.5°
5°	330.5	330.0	328.7	326.8	325.9	324.7	324.7	323.4	322.5	321.2	321.6	5°
7.5°	337.7	338.0	335.8	334.2	333.7	332.4	332.7	330.9	331.2	330.2	329.6	7.5°
10°	341.7	341.7	342.3	342.0	342.6	342.6	343.5	342.3	341.7	340.7	340.7	10°
12.5°	348.2	349.5	351.9	351.9	353.8	354.4	354.7	355.4	354.1	353.5	351.4	12.5°
15°	364.4	367.4	369.6	372.7	376.5	377.7	377.7	376.5	375.8	374.9	370.9	15°
17.5°	391.0	397.9	399.7	404.7	405.3	406.8	411.2	408.7	407.2	400.7	399.4	17.5°
20°	418.3	427.0	435.6	441.9	444.9	451.2	452.1	450.9	444.7	438.4	435.6	20°
22.5°	451.2	464.2	474.1	483.7	488.4	491.4	498.3	496.7	491.8	482.5	478.8	22.5°
25°	497.7	513.8	524.4	536.1	542.3	545.4	552.3	552.3	547.0	544.2	543.9	25°
27.5°	556.3	576.1	593.5	597.5	613.7	617.4	623.9	623.9	618.9	615.5	631.9	27.5°
30°	621.4	642.1	672.3	692.4	711.9	731.2	730.9	732.1	738.0	741.1	748.2	30°
32.5°	686.5	712.3	744.2	787.9	829.8	865.4	911.6	941.1	932.1	907.0	897.0	32.5°
35°	765.6	794.1	832.8	876.9	953.5	999.7	1022.1	1037.9	1039.7	1043.1	1050.2	35°
37.5°	853.7	901.4	946.3	996.3	1038.8	1094.9	1146.7	1188.2	1197.9	1217.4	1206.2	37.5°
40°	964.9	1018.3	1065.4	1130.0	1187.0	1254.6	1328.7	1385.8	1408.7	1401.2	1345.4	40°
42.5°	1081.6	1147.6	1202.8	1278.8	1352.8	1442.1	1518.8	1598.4	1612.8	1555.4	1471.9	42.5°
45°	1188.8	1270.7	1339.3	1418.3	1508.8	1615.8	1718.2	1800.0	1797.2	1698.9	1587.3	45°
47.5°	1285.3	1385.8	1469.5	1572.4	1669.8	1797.2	1914.7	1975.2	1939.5	1823.3	1686.5	47.5°
50°	1364.9	1490.2	1593.5	1697.7	1821.4	1974.9	2088.1	2122.2	2053.3	1926.8	1783.0	50°
52.5°	1429.1	1586.3	1702.3	1822.3	1978.6	2140.2	2237.5	2224.9	2135.8	2005.9	1862.6	52.5°
55°	1483.5	1659.8	1798.2	1939.8	2133.7	2282.5	2347.3	2313.2	2188.9	2057.0	1917.2	55°
57.5°	1539.5	1731.2	1886.2	2050.5	2266.3	2394.2	2430.1	2360.0	2214.0	2076.6	1940.8	57.5°
60°	1595.6	1790.7	1964.0	2147.3	2366.8	2485.3	2475.4	2370.5	2206.5	2062.3	1924.9	60°
62.5°	1633.5	1826.1	2009.3	2206.8	2442.2	2531.8	2471.0	2333.0	2163.5	2006.2	1877.9	62.5°
63°	1634.4	1827.3	2012.1	2210.9	2450.5	2533.3	2462.6	2319.7	2149.8	1994.7	1863.9	63°
65°	1614.9	1804.0	1987.3	2192.6	2443.5	2497.7	2390.4	2240.9	2071.9	1915.4	1791.4	65°
67.5°	1515.1	1707.9	1869.8	2063.3	2315.6	2331.2	2196.9	2076.3	1924.4	1762.2	1632.6	67.5°
70°	1313.8	1474.1	1632.8	1794.4	2006.2	2003.5	1877.2	1815.8	1682.8	1498.0	1394.1	70°
72.5°	1044.9	1188.8	1300.5	1408.7	1548.2	1520.0	1438.8	1455.8	1369.6	1231.6	1170.0	72.5°
75°	775.8	934.0	988.6	1032.6	1091.4	1091.8	1114.1	1162.5	1161.2	1084.7	1006.8	75°
77.5°	508.8	681.9	700.2	735.5	806.2	902.3	1001.6	1108.2	1134.9	1074.4	959.4	77.5°
80°	283.7	463.5	442.5	472.8	549.1	679.7	826.1	943.9	1013.3	979.5	857.7	80°
82.5°	145.1	267.3	255.5	297.7	359.4	472.8	569.6	660.2	742.1	737.4	691.2	82.5°
85°	75.3	146.3	166.5	188.6	219.5	260.2	296.7	323.1	357.2	417.4	437.9	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	22.3	16.1	44.4	63.3	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°
325.3	325.3	325.3	325.3	325.3	325.3	325.3
321.6	321.9	321.2	321.2	321.6	321.6	320.9
320.9	320.9	320.3	319.7	319.1	319.1	318.4
328.1	328.1	325.9	324.9	323.4	322.1	321.6
338.6	336.7	334.2	332.4	330.0	327.2	325.6
349.1	346.3	343.3	340.5	337.4	334.2	332.7
366.5	362.8	358.8	355.4	351.0	346.3	344.5
393.2	387.3	382.0	377.0	369.3	365.9	362.1
428.6	419.8	413.0	404.7	395.1	391.9	387.3
471.4	463.9	450.2	444.0	434.4	429.8	430.7
536.5	526.8	511.0	505.1	504.2	494.0	489.0
621.4	622.1	607.4	591.6	583.0	566.8	546.3
742.3	734.0	716.9	700.7	680.3	650.0	615.8
888.7	870.1	841.9	811.8	775.5	728.7	680.9
1031.6	999.1	954.1	903.9	851.4	793.2	725.6
1157.2	1106.7	1039.4	981.7	907.6	834.7	752.3
1271.9	1209.3	1122.5	1047.7	960.3	866.7	769.0
1383.0	1303.5	1197.2	1096.1	997.2	888.1	777.0
1488.7	1386.3	1260.2	1139.8	1024.2	902.1	778.3
1570.0	1458.3	1316.6	1171.4	1042.8	912.6	778.3
1645.3	1519.1	1359.7	1196.3	1060.2	919.7	778.9
1703.9	1561.9	1387.6	1214.0	1073.8	924.9	781.7
1746.3	1589.8	1406.2	1224.8	1083.7	932.4	787.9
1776.1	1608.1	1416.5	1234.4	1095.8	945.4	805.3
1790.4	1641.9	1433.5	1253.7	1116.6	973.0	840.0
1779.5	1694.2	1482.1	1286.2	1145.4	1016.1	895.5
1774.9	1703.9	1495.5	1293.3	1151.9	1025.4	914.7
1738.6	1713.5	1550.4	1329.3	1183.0	1066.7	968.4
1626.1	1675.6	1596.6	1390.1	1249.6	1166.8	1068.6
1480.3	1619.5	1588.2	1397.9	1292.1	1249.0	1131.8
1305.8	1450.0	1420.8	1294.6	1245.3	1250.0	1115.4
1027.6	1135.8	1116.6	1072.3	1082.1	1116.3	955.4
823.3	808.7	764.4	767.4	824.8	864.8	687.7
672.6	544.5	486.8	488.4	588.6	630.1	438.1
640.0	515.1	419.5	366.5	428.2	412.4	228.8
455.8	456.7	378.9	307.9	298.3	253.7	142.6
107.9	86.5	61.7	45.9	48.4	31.9	16.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)