

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: P153280

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153280
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: VXS-E01-LED-E1-SLR
Description: VISION SITE SMALL 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: 2782.5 lumens
Efficiency: N/A
Efficacy: 112.6 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
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

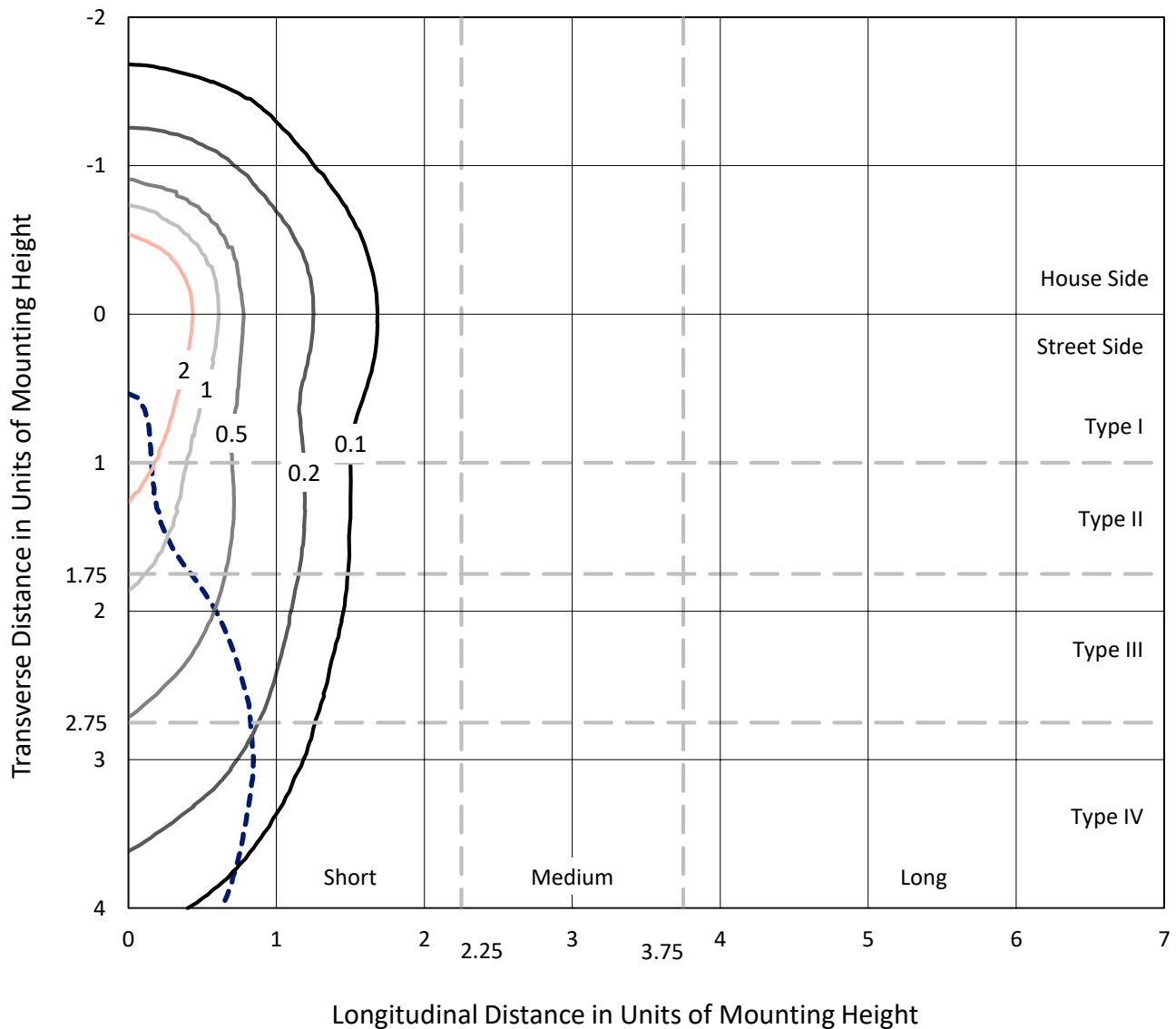


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

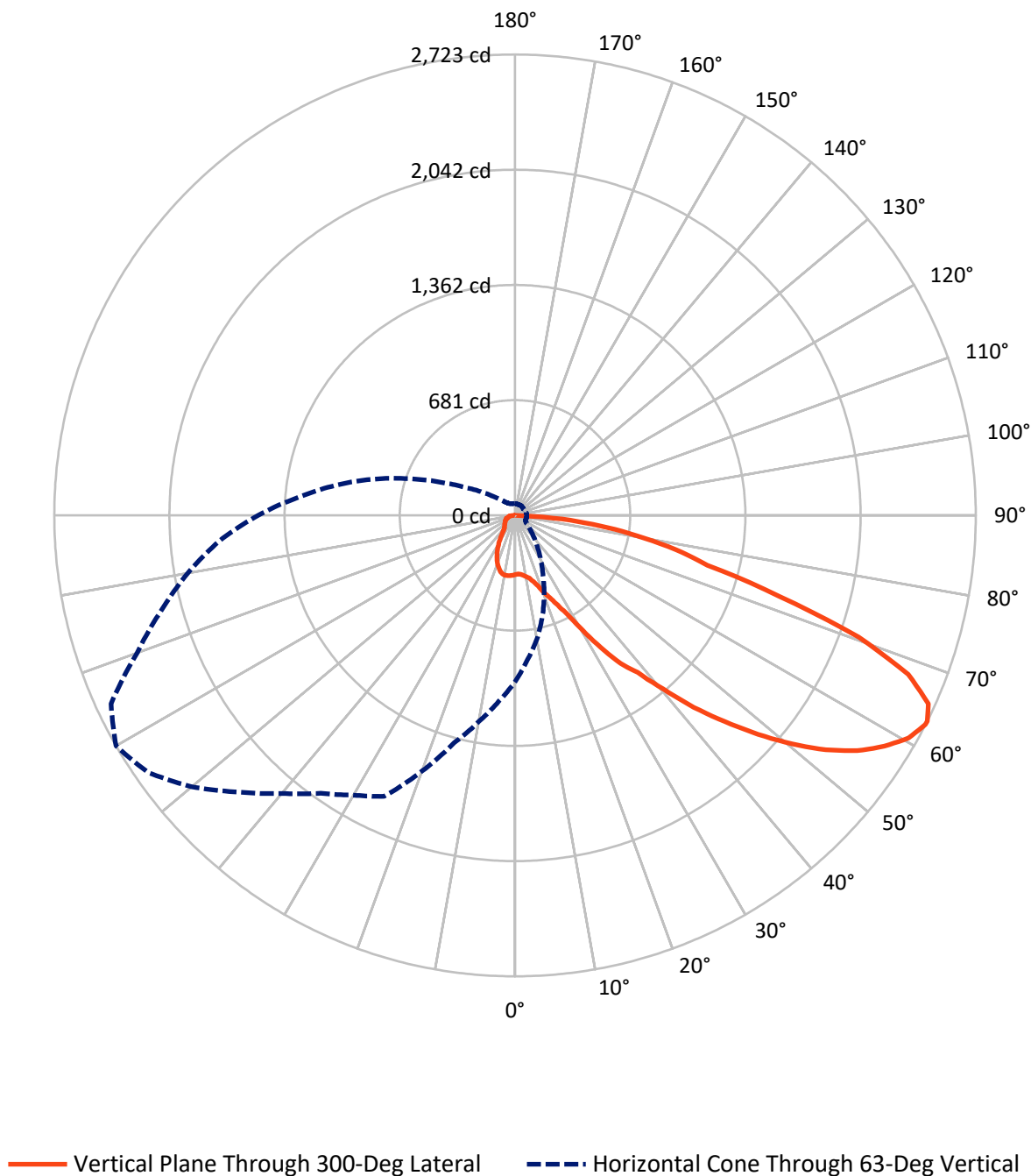


Based on 10 foot mounting height. Maximum calculated value = 4.4 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	603.4	0.0	603.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	2179.1	0.0	2179.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	2782.5	0.0	2782.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.0	1.2
10°-20°	106.0	3.8
20°-30°	188.3	6.8
30°-40°	296.6	10.7
40°-50°	436.5	15.7
50°-60°	579.7	20.8
60°-70°	638.6	23.0
70°-80°	400.6	14.4
80°-90°	102.0	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°	2782.5	100.0
0°-180°	2782.5	100.0

Coefficient of Utilization



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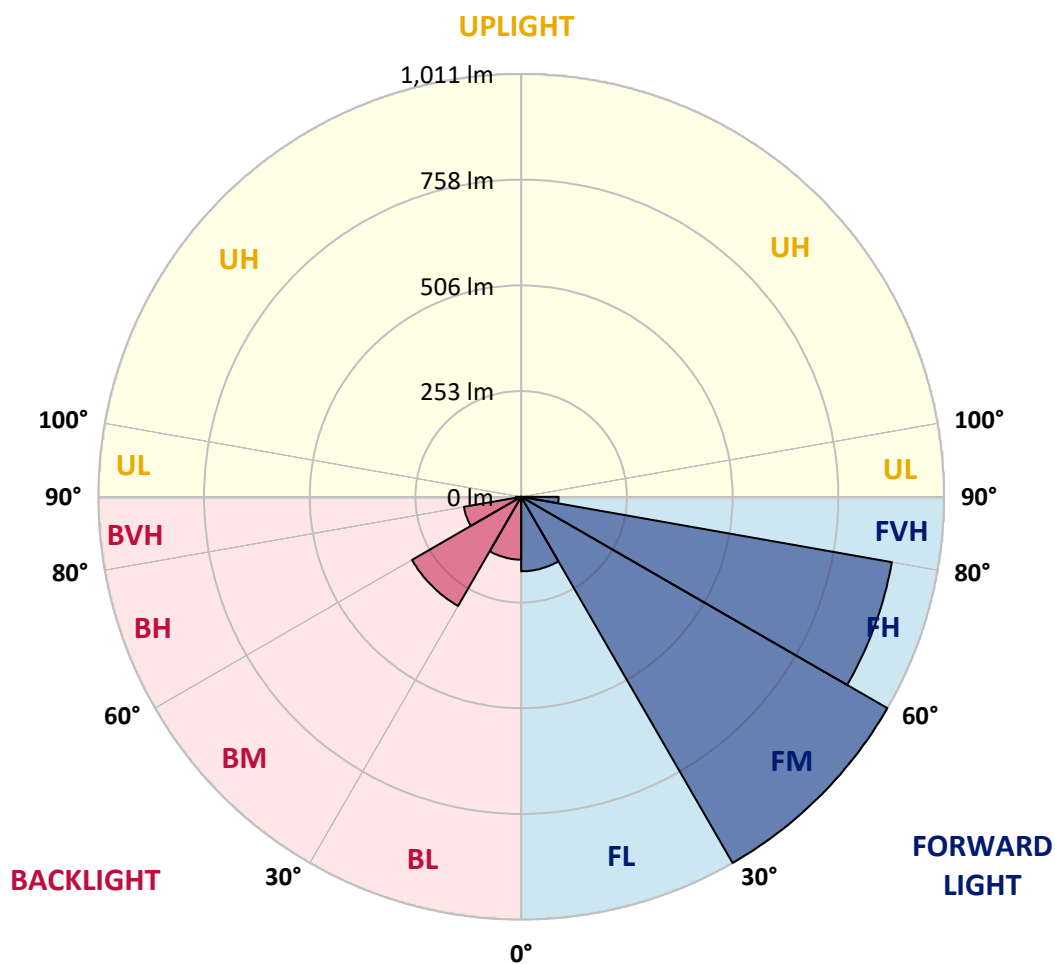
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	178.2	6.4			
FM	(30°-60°)	1011.2	36.3			
FH	(60°-80°)	900.2	32.4			G1/1800
FVH	(80°-90°)	89.5	3.2			G1/100
BL	(0°-30°)	150.2	5.4	B1/500		
BM	(30°-60°)	301.6	10.8	B1/1000		
BH	(60°-80°)	139.1	5.0	B1/500		G1/500
BVH	(80°-90°)	12.5	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°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
2.5°	345.0	346.0	345.7	345.7	346.3	346.0	346.0	346.3	346.3	347.4	348.7
5°	342.4	342.0	341.3	342.0	342.0	342.0	340.6	341.7	342.0	342.7	342.7
7.5°	345.7	344.7	343.3	343.6	343.6	343.0	342.0	342.4	342.0	342.0	341.7
10°	350.1	347.7	346.0	346.0	346.0	345.3	343.6	344.7	344.7	344.4	344.7
12.5°	357.6	355.0	353.0	352.3	352.3	351.3	350.1	351.3	350.7	350.7	350.1
15°	370.4	367.4	365.0	363.0	363.3	363.3	361.7	360.6	359.4	357.6	354.3
17.5°	389.3	386.0	383.0	381.3	381.7	379.4	374.7	369.9	363.6	357.3	350.4
20°	416.4	415.3	411.3	409.6	405.7	400.0	387.0	376.0	363.6	351.7	339.7
22.5°	463.0	458.3	454.3	448.0	434.7	419.0	397.3	378.0	358.7	341.7	325.7
25°	525.7	517.3	497.6	478.3	451.0	423.0	393.7	368.7	344.7	322.4	302.7
27.5°	587.4	562.0	527.0	492.0	452.0	415.3	378.7	349.0	321.0	296.7	275.0
30°	662.0	619.4	565.7	510.4	453.7	404.4	360.3	325.7	293.4	267.7	245.0
32.5°	732.0	670.4	600.0	527.4	457.3	394.0	339.4	300.0	266.6	234.3	212.0
35°	780.0	700.0	614.7	529.0	448.3	374.3	313.0	266.6	233.4	203.3	177.0
37.5°	808.7	713.0	615.3	517.0	427.4	347.7	279.7	233.7	203.0	174.3	153.7
40°	826.6	716.0	606.6	499.7	400.6	314.0	246.3	205.0	177.0	154.0	138.0
42.5°	835.3	711.3	592.6	477.6	373.7	284.0	223.0	184.0	159.7	143.3	131.3
45°	836.7	703.0	577.6	457.6	349.6	262.4	207.0	175.3	155.3	141.7	129.6
47.5°	836.7	695.6	565.7	443.0	334.0	253.0	205.7	179.0	159.4	144.0	129.6
50°	837.3	693.4	560.6	435.6	328.7	258.0	217.0	190.4	168.0	148.0	129.3
52.5°	840.3	696.4	564.7	441.3	338.3	278.0	238.3	207.4	179.4	152.6	129.3
55°	847.0	706.3	581.7	461.0	364.4	308.3	264.0	225.7	188.3	154.7	127.4
57.5°	865.7	731.7	612.6	499.0	408.7	343.3	287.4	238.7	191.7	153.0	123.3
60°	903.0	782.0	665.7	552.3	455.6	373.4	301.0	240.6	188.7	147.7	117.0
62.5°	962.7	839.7	729.9	610.4	497.3	389.9	302.7	235.6	180.6	138.0	107.7
63°	983.3	854.0	743.6	621.3	502.7	391.3	301.3	233.7	178.7	135.3	106.3
65°	1041.0	914.3	791.0	660.0	517.6	391.7	294.0	223.6	169.3	125.0	97.0
67.5°	1148.7	993.7	850.7	690.4	523.0	381.0	275.3	205.0	149.6	109.0	85.3
70°	1216.7	1038.0	873.7	691.0	507.4	350.7	243.0	174.7	124.7	90.4	73.4
72.5°	1199.0	994.3	813.0	628.7	439.7	293.0	195.3	137.3	97.3	72.3	61.0
75°	1027.0	827.7	663.3	487.0	332.3	215.3	143.0	98.0	72.0	56.7	51.0
77.5°	739.4	595.6	475.6	347.0	224.0	139.4	95.0	70.1	54.7	46.6	42.0
80°	471.0	349.3	291.0	208.7	131.0	86.3	65.3	53.0	45.0	39.0	36.0
82.5°	246.0	172.3	140.0	106.6	72.6	57.0	48.0	43.3	37.0	32.3	30.7
85°	153.4	101.7	75.3	52.6	36.4	32.6	30.1	29.3	26.3	23.3	22.4
87.5°	17.3	15.6	16.4	10.4	7.7	8.3	8.0	10.7	10.4	7.7	8.0
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
2.5°	347.4	348.0	348.0	349.0	349.0	349.6	350.4	350.4	351.0	351.3	352.0
5°	343.3	343.3	343.3	344.7	345.0	347.0	347.7	348.3	349.0	351.3	352.6
7.5°	342.4	341.0	341.7	341.7	342.7	344.4	346.0	347.0	348.0	351.0	353.0
10°	344.4	343.3	342.4	342.4	342.7	343.3	344.7	345.7	346.3	349.3	351.0
12.5°	349.6	347.4	345.3	343.6	342.4	342.0	341.3	341.7	342.4	344.0	346.3
15°	350.7	346.3	342.0	337.6	334.3	332.3	330.7	329.9	329.9	331.0	333.7
17.5°	344.0	336.7	330.4	324.7	321.0	317.3	315.6	314.3	313.7	315.0	315.3
20°	329.6	321.0	312.3	305.7	299.0	298.0	295.3	296.0	296.7	298.7	299.7
22.5°	310.1	299.7	289.0	282.0	276.7	272.0	269.0	270.4	271.3	273.4	274.3
25°	286.0	271.0	259.7	252.6	247.0	243.0	239.7	241.0	239.7	242.0	245.7
27.5°	257.6	240.0	228.0	220.0	216.0	212.6	209.3	209.3	212.6	212.6	215.6
30°	223.3	210.4	194.7	186.3	181.3	179.4	179.0	178.3	180.6	182.0	185.3
32.5°	191.0	175.0	160.0	152.0	147.7	145.3	145.7	146.0	147.0	149.0	154.3
35°	158.3	144.4	133.7	124.7	120.3	116.0	116.0	115.3	116.4	118.7	125.0
37.5°	137.3	125.0	116.7	109.6	105.3	102.7	100.3	99.4	99.4	100.3	102.7
40°	125.7	116.7	109.0	103.0	99.0	96.7	95.3	94.3	93.7	93.7	94.0
42.5°	120.3	111.0	103.3	98.0	95.0	93.7	93.4	93.0	92.0	91.7	91.3
45°	117.6	107.0	98.3	94.0	91.7	91.0	91.3	91.3	91.0	90.4	89.0
47.5°	115.6	103.3	94.7	90.7	89.6	89.6	89.6	89.6	89.3	89.0	88.0
50°	112.3	97.6	88.3	85.3	84.7	84.7	85.0	85.0	85.7	85.0	84.4
52.5°	108.7	92.3	83.0	80.3	80.0	79.7	79.7	79.7	80.0	80.0	79.7
55°	104.7	88.3	80.3	78.3	78.7	78.3	78.0	77.6	77.6	77.3	76.7
57.5°	100.6	85.0	78.3	77.0	77.3	77.3	76.7	76.0	75.6	74.7	74.0
60°	94.7	80.3	74.3	73.7	74.7	74.7	74.7	74.3	74.3	74.0	72.3
62.5°	86.6	73.7	69.0	69.3	69.6	70.4	70.4	70.4	70.4	69.6	68.0
63°	85.0	72.3	68.0	68.0	69.0	69.0	69.3	69.0	69.3	68.7	66.6
65°	78.3	68.0	64.7	65.0	65.7	65.7	65.7	65.3	65.3	64.4	63.3
67.5°	70.7	62.7	60.6	61.0	61.3	62.0	61.7	61.7	62.0	61.3	60.3
70°	62.0	57.0	55.6	56.0	56.4	56.4	56.0	56.0	56.4	55.6	54.7
72.5°	55.3	53.4	52.3	52.3	51.7	51.7	51.0	50.7	50.4	50.4	49.3
75°	46.6	46.3	46.6	47.4	46.6	46.0	45.7	44.7	44.0	44.0	43.6
77.5°	40.0	40.0	40.6	41.7	42.0	42.0	41.0	39.4	39.0	39.0	39.0
80°	34.7	34.0	34.0	35.0	36.0	35.6	34.0	32.3	32.3	34.0	34.3
82.5°	30.4	30.4	29.3	29.6	29.3	29.0	27.4	26.3	26.0	27.4	28.7
85°	24.0	24.4	24.0	23.6	23.3	22.4	21.0	20.0	19.7	21.0	23.0
87.5°	9.6	9.3	9.0	9.3	9.0	9.6	9.3	8.7	8.3	9.3	11.3
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°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
2.5°	352.3	353.0	353.7	353.7	354.3	354.0	354.3	354.7	354.7	355.0	355.0
5°	354.3	355.3	356.7	358.0	358.3	359.4	360.3	359.7	360.6	362.0	362.0
7.5°	355.0	357.3	358.3	360.3	360.6	362.0	364.4	362.7	364.7	365.7	366.0
10°	354.0	356.4	358.0	360.3	361.3	363.6	366.0	365.3	367.7	369.3	369.6
12.5°	348.0	350.4	354.0	357.3	360.0	363.6	368.0	366.6	369.9	372.0	373.0
15°	336.4	338.7	342.7	348.0	353.0	358.7	364.4	365.3	368.7	371.0	372.0
17.5°	318.0	321.0	325.3	331.0	337.3	347.0	354.3	358.0	362.7	364.0	365.7
20°	301.0	304.0	306.6	310.1	314.7	324.0	333.7	341.0	347.0	352.0	353.4
22.5°	278.3	281.0	284.4	287.0	290.4	297.0	305.0	313.4	322.7	325.7	329.0
25°	251.0	252.6	257.3	259.0	261.3	267.0	273.4	279.4	288.3	294.7	296.4
27.5°	221.7	223.3	227.7	228.7	231.7	237.0	241.7	244.0	252.3	259.0	264.4
30°	187.7	192.0	197.3	198.0	201.3	204.7	209.0	211.3	219.0	226.0	232.6
32.5°	158.3	162.7	167.0	169.6	171.3	174.0	178.3	180.6	188.0	194.3	201.0
35°	128.3	133.7	138.3	142.0	143.3	146.6	150.1	152.3	160.0	165.7	170.4
37.5°	105.7	109.6	114.7	118.3	122.0	124.4	128.3	131.7	136.4	139.4	144.4
40°	94.7	96.7	99.4	102.4	105.3	108.0	111.0	113.7	116.7	120.6	124.0
42.5°	91.0	91.3	91.3	92.3	94.0	95.3	98.0	100.0	102.0	105.0	106.6
45°	88.3	88.0	87.4	86.6	87.0	87.7	89.3	90.7	93.0	94.3	94.7
47.5°	87.0	85.7	84.4	83.3	83.0	83.3	84.7	86.0	87.4	88.3	88.7
50°	82.7	81.7	79.7	78.3	77.6	78.3	80.0	80.6	82.0	83.0	83.3
52.5°	78.3	77.0	75.6	74.3	74.3	74.7	76.0	77.3	78.7	79.0	79.7
55°	75.6	73.7	72.3	71.3	70.7	71.7	72.6	74.3	76.0	76.4	77.0
57.5°	73.0	71.0	69.6	68.7	68.0	69.0	70.1	72.3	74.3	74.3	74.3
60°	71.3	69.6	67.7	66.6	65.7	66.6	68.0	70.4	72.3	72.0	71.7
62.5°	66.6	65.0	64.0	64.0	63.0	64.7	66.0	68.7	69.0	68.3	67.7
63°	65.3	64.0	63.3	63.3	62.7	64.4	65.7	68.0	68.0	67.4	66.6
65°	62.0	61.0	60.3	61.0	61.0	62.7	63.0	64.7	64.4	63.3	63.0
67.5°	59.4	58.7	58.0	58.0	58.0	58.3	58.7	59.4	59.0	58.7	59.0
70°	55.0	54.7	54.0	54.0	53.7	53.7	53.7	54.0	54.0	54.3	54.7
72.5°	49.6	49.0	49.0	49.3	48.7	49.0	49.3	49.0	49.6	49.6	49.9
75°	43.6	43.3	44.0	44.7	44.4	44.4	44.7	44.7	45.0	45.0	45.3
77.5°	39.0	39.4	39.7	40.3	40.6	40.6	40.6	40.3	40.6	40.6	41.0
80°	34.7	35.3	36.0	36.7	37.0	37.0	37.0	36.7	36.7	36.7	36.7
82.5°	31.3	32.3	33.0	33.4	33.4	33.4	33.4	33.4	33.4	32.6	32.0
85°	26.3	28.3	28.3	28.7	27.7	27.0	26.3	26.6	27.0	25.7	25.3
87.5°	13.4	13.4	14.0	14.7	15.0	15.0	17.0	16.0	15.6	15.3	14.7
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°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
2.5°	355.3	355.0	355.6	355.0	355.3	355.6	355.0	356.0	356.7	355.6	354.7
5°	362.7	362.7	364.4	365.0	365.3	367.4	366.3	367.0	367.7	367.4	367.7
7.5°	367.4	368.7	370.4	372.0	372.3	374.0	373.7	374.7	375.3	377.0	377.0
10°	371.3	373.0	375.3	377.0	378.7	380.0	380.6	382.7	383.0	384.4	384.4
12.5°	375.0	377.0	379.4	382.0	383.6	386.3	386.6	389.6	390.7	391.0	389.9
15°	374.3	376.7	379.4	382.4	385.3	388.7	390.7	393.7	395.3	396.0	394.3
17.5°	368.0	369.9	373.4	377.3	381.0	385.3	389.0	393.4	396.0	396.7	396.4
20°	355.6	357.0	361.3	366.6	371.0	377.6	383.0	389.6	394.0	397.3	398.3
22.5°	331.3	334.7	339.0	345.0	351.3	359.7	367.4	377.0	386.3	394.3	402.4
25°	302.0	308.0	314.7	322.7	330.4	339.0	347.7	358.7	372.3	389.0	408.0
27.5°	272.3	282.7	291.0	301.3	310.4	319.0	328.7	340.6	355.6	375.6	400.0
30°	242.4	254.0	263.0	275.0	287.0	298.7	308.3	321.0	335.6	356.0	382.7
32.5°	210.4	222.0	232.6	243.6	257.0	271.0	282.7	298.3	314.0	335.0	362.0
35°	177.3	187.7	196.7	208.3	223.0	238.0	253.4	271.3	288.3	310.4	339.0
37.5°	148.7	156.0	164.7	175.0	186.3	202.4	219.7	241.0	260.3	284.4	313.7
40°	125.0	129.0	134.0	142.7	153.0	168.7	185.7	208.3	231.7	258.0	286.3
42.5°	106.6	108.7	110.1	115.6	124.0	139.4	155.6	177.6	203.3	232.0	260.6
45°	94.7	95.6	96.0	99.0	105.0	118.3	135.3	154.0	178.7	206.6	236.7
47.5°	89.0	89.9	90.7	91.3	95.0	105.3	120.6	138.3	161.0	186.6	217.3
50°	84.4	85.3	86.3	86.0	87.7	94.3	107.4	123.6	145.0	168.7	199.0
52.5°	79.7	80.3	80.3	80.3	81.3	85.7	95.0	110.1	129.6	152.0	182.0
55°	77.0	77.6	78.0	78.3	78.7	81.0	88.0	100.0	117.0	137.6	164.7
57.5°	74.3	74.7	75.3	75.6	76.4	77.6	82.0	90.7	105.0	122.4	145.0
60°	72.0	72.6	74.0	74.3	75.0	75.3	77.3	82.7	92.0	105.3	123.6
62.5°	68.3	69.3	70.7	71.0	71.7	72.0	72.3	75.3	79.7	87.7	101.3
63°	67.4	68.3	70.1	70.4	70.7	70.7	71.0	73.0	77.0	84.0	94.0
65°	63.6	65.0	66.0	66.3	66.6	66.6	66.3	67.0	67.4	70.4	76.4
67.5°	59.7	60.6	61.3	61.7	61.3	61.7	61.3	60.6	60.0	60.6	63.3
70°	55.6	56.4	56.4	56.7	57.0	57.3	56.7	56.0	55.3	55.0	56.7
72.5°	51.0	51.7	51.7	52.0	52.0	52.6	52.6	52.3	52.3	52.6	53.0
75°	46.3	47.0	46.6	47.4	47.4	48.3	48.3	48.7	49.3	49.0	48.7
77.5°	42.0	42.4	42.4	42.7	43.0	44.7	45.7	46.0	46.0	45.3	44.7
80°	37.3	37.3	36.7	36.4	36.7	38.3	40.3	40.6	41.7	41.3	41.7
82.5°	31.3	30.1	29.0	29.0	29.6	30.7	31.3	32.0	32.6	32.6	33.4
85°	24.0	22.7	21.7	22.0	23.0	23.3	23.0	23.0	24.4	25.3	24.4
87.5°	14.3	13.0	12.3	11.3	11.7	12.6	12.3	11.3	11.7	9.3	8.7
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
2.5°	355.3	355.0	354.3	353.4	353.0	352.3	352.6	351.7	351.0	350.4	349.3
5°	367.7	367.7	365.7	365.7	364.7	364.4	362.0	361.0	359.0	359.7	357.3
7.5°	376.4	377.3	375.0	374.7	373.4	373.0	369.9	369.0	367.4	366.6	364.7
10°	382.7	382.7	379.7	377.3	375.6	374.0	371.0	369.6	368.3	368.7	367.4
12.5°	387.7	385.3	381.0	377.6	375.3	373.7	371.3	370.4	369.9	372.3	372.6
15°	391.7	388.3	383.0	380.6	378.7	378.3	378.3	379.4	381.7	386.0	389.3
17.5°	394.0	392.0	389.3	388.7	392.0	394.0	396.7	399.7	403.0	409.0	412.6
20°	398.3	399.7	401.7	404.4	409.6	414.7	418.0	422.4	426.3	433.7	439.7
22.5°	409.6	417.3	423.6	429.0	437.0	444.0	448.3	454.3	457.3	462.4	471.7
25°	424.4	440.0	453.4	464.7	477.0	484.4	490.4	498.0	502.7	511.0	519.4
27.5°	420.0	442.4	462.4	483.3	500.3	519.4	532.6	545.3	553.4	565.7	576.7
30°	406.6	433.4	460.3	488.0	515.0	542.4	567.7	590.7	608.3	626.0	644.0
32.5°	388.7	419.4	452.3	486.3	521.7	559.7	594.7	629.3	658.7	684.4	709.3
35°	368.0	402.7	437.0	479.0	522.7	571.0	619.7	667.7	712.3	757.6	788.3
37.5°	343.3	378.7	417.0	465.3	516.7	576.4	638.3	701.0	764.4	825.3	878.3
40°	317.0	353.0	393.4	445.7	503.6	573.0	650.4	734.7	821.7	910.1	980.3
42.5°	293.7	330.7	374.7	427.7	490.7	568.7	660.0	763.6	870.1	979.4	1082.7
45°	271.0	311.7	358.0	415.0	485.0	572.0	674.3	790.7	913.4	1046.0	1172.0
47.5°	250.7	292.0	337.0	399.4	476.7	573.7	688.3	817.6	954.3	1098.0	1247.7
50°	232.3	272.3	316.7	379.4	463.6	572.6	701.0	842.0	989.6	1139.0	1306.0
52.5°	214.3	255.0	300.3	360.0	447.7	567.0	707.0	862.0	1022.4	1180.3	1353.0
55°	196.7	236.7	282.4	341.7	426.6	552.3	706.3	875.0	1048.3	1219.4	1398.3
57.5°	176.0	214.0	258.7	321.3	404.4	529.6	696.4	881.0	1070.7	1258.0	1452.6
60°	150.4	186.0	229.0	291.7	375.0	500.6	675.3	877.6	1083.6	1286.6	1499.0
62.5°	118.7	149.6	189.0	250.4	338.3	459.0	636.0	847.4	1063.0	1282.7	1520.6
63°	112.0	141.3	179.7	240.3	322.7	447.7	624.4	835.3	1053.0	1274.3	1517.6
65°	89.9	109.0	139.7	194.0	270.1	392.0	566.3	773.7	999.4	1215.6	1474.3
67.5°	69.0	78.7	95.0	133.0	191.0	308.3	458.7	655.6	867.4	1070.7	1334.7
70°	59.0	63.3	70.4	88.3	121.3	194.7	322.0	489.0	672.3	848.7	1086.0
72.5°	53.7	55.6	59.4	67.0	83.3	116.7	205.3	318.3	457.3	605.0	788.3
75°	49.3	51.0	54.0	58.0	64.0	77.6	117.0	194.7	297.3	397.3	532.0
77.5°	45.0	46.0	49.3	53.0	57.0	64.0	77.3	112.0	171.0	234.3	320.6
80°	41.3	40.6	43.0	49.0	53.0	57.0	61.0	72.6	97.3	128.3	173.4
82.5°	33.0	33.7	35.6	41.7	43.3	42.4	43.0	45.0	54.3	59.4	88.7
85°	22.4	20.6	20.3	21.0	21.0	20.0	20.0	19.7	21.7	24.7	42.4
87.5°	6.0	3.0	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°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	0°
2.5°	348.7	348.3	348.7	347.0	347.0	346.6	346.3	345.7	345.7	344.4	345.3	2.5°
5°	355.3	354.7	353.4	351.3	350.4	349.0	349.0	347.7	346.6	345.3	345.7	5°
7.5°	363.0	363.3	361.0	359.4	358.7	357.3	357.6	355.6	356.0	355.0	354.3	7.5°
10°	367.4	367.4	368.0	367.7	368.3	368.3	369.3	368.0	367.4	366.3	366.3	10°
12.5°	374.3	375.6	378.3	378.3	380.3	381.0	381.3	382.0	380.6	380.0	377.6	12.5°
15°	391.7	395.0	397.3	400.6	404.7	406.0	406.0	404.7	404.0	403.0	398.7	15°
17.5°	420.3	427.7	429.6	435.0	435.6	437.3	442.0	439.4	437.6	430.7	429.3	17.5°
20°	449.6	459.0	468.3	475.0	478.3	485.0	486.0	484.7	478.0	471.3	468.3	20°
22.5°	485.0	499.0	509.6	520.0	525.0	528.3	535.6	534.0	528.7	518.7	514.7	22.5°
25°	535.0	552.3	563.6	576.4	583.0	586.3	593.7	593.7	588.0	585.0	584.7	25°
27.5°	598.0	619.4	638.0	642.4	659.7	663.6	670.7	670.7	665.3	661.7	679.4	27.5°
30°	668.0	690.4	722.7	744.4	765.3	786.0	785.7	787.0	793.4	796.7	804.4	30°
32.5°	738.0	765.7	800.0	847.0	892.0	930.4	980.0	1011.7	1002.0	975.0	964.4	32.5°
35°	823.0	853.7	895.3	942.7	1025.0	1074.7	1098.7	1115.6	1117.6	1121.3	1129.0	35°
37.5°	917.6	969.0	1017.3	1071.0	1116.7	1177.0	1232.6	1277.3	1287.7	1308.7	1296.7	37.5°
40°	1037.3	1094.7	1145.3	1214.7	1276.0	1348.7	1428.3	1489.6	1514.3	1506.3	1446.3	40°
42.5°	1162.7	1233.7	1293.0	1374.7	1454.3	1550.4	1632.6	1718.3	1733.7	1672.0	1582.4	42.5°
45°	1278.0	1366.0	1439.7	1524.7	1622.0	1737.0	1847.0	1935.0	1932.0	1826.3	1706.3	45°
47.5°	1381.7	1489.6	1579.7	1690.4	1795.0	1932.0	2058.3	2123.3	2085.0	1960.0	1813.0	47.5°
50°	1467.4	1602.0	1713.0	1825.0	1958.0	2123.0	2244.7	2281.3	2207.4	2071.3	1916.7	50°
52.5°	1536.4	1705.3	1830.1	1959.0	2127.0	2300.6	2405.3	2391.7	2296.0	2156.4	2002.4	52.5°
55°	1594.7	1784.4	1933.0	2085.3	2293.7	2453.7	2523.3	2486.6	2353.0	2211.3	2061.0	55°
57.5°	1655.0	1861.0	2027.7	2204.4	2436.4	2573.7	2612.3	2537.0	2380.0	2232.3	2086.3	57.5°
60°	1715.3	1925.0	2111.3	2308.3	2544.4	2671.7	2661.0	2548.3	2372.0	2217.0	2069.3	60°
62.5°	1756.0	1963.0	2160.0	2372.3	2625.3	2721.7	2656.4	2508.0	2325.7	2156.7	2018.7	62.5°
63°	1757.0	1964.4	2163.0	2376.7	2634.3	2723.3	2647.4	2493.7	2311.0	2144.4	2003.6	63°
65°	1736.0	1939.4	2136.4	2357.0	2626.6	2685.0	2569.6	2409.0	2227.4	2059.0	1925.7	65°
67.5°	1628.7	1836.0	2009.9	2218.0	2489.3	2506.0	2361.7	2232.0	2068.7	1894.3	1755.0	67.5°
70°	1412.3	1584.7	1755.3	1929.0	2156.7	2153.7	2018.0	1952.0	1809.0	1610.4	1498.7	70°
72.5°	1123.3	1278.0	1398.0	1514.3	1664.4	1634.0	1546.6	1565.0	1472.3	1324.0	1257.6	72.5°
75°	834.0	1004.0	1062.7	1109.9	1173.4	1173.7	1197.6	1249.6	1248.3	1166.0	1082.4	75°
77.5°	547.0	733.0	752.6	790.7	866.6	969.9	1076.7	1191.3	1220.0	1155.0	1031.3	77.5°
80°	305.0	498.3	475.6	508.3	590.4	730.7	888.0	1014.7	1089.3	1053.0	922.0	80°
82.5°	156.0	287.4	274.7	320.0	386.3	508.3	612.3	709.6	797.6	792.6	743.0	82.5°
85°	81.0	157.3	179.0	202.7	236.0	279.7	319.0	347.4	384.0	448.7	470.7	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.0	24.0	17.3	47.7	68.0	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°
349.6	349.6	349.6	349.6	349.6	349.6	349.6
345.7	346.0	345.3	345.3	345.7	345.7	345.0
345.0	345.0	344.4	343.6	343.0	343.0	342.4
352.6	352.6	350.4	349.3	347.7	346.3	345.7
364.0	362.0	359.4	357.3	354.7	351.7	350.1
375.3	372.3	369.0	366.0	362.7	359.4	357.6
394.0	389.9	385.7	382.0	377.3	372.3	370.4
422.7	416.4	410.7	405.3	397.0	393.4	389.3
460.6	451.3	444.0	435.0	424.7	421.3	416.4
506.6	498.7	484.0	477.3	467.0	462.0	463.0
576.7	566.3	549.3	543.0	542.0	531.0	525.7
668.0	668.7	653.0	636.0	626.6	609.3	587.4
798.0	789.0	770.7	753.4	731.3	698.7	662.0
955.3	935.3	905.0	872.6	833.7	783.3	732.0
1109.0	1074.0	1025.7	971.7	915.3	852.6	780.0
1244.0	1189.6	1117.3	1055.3	975.6	897.3	808.7
1367.4	1300.0	1206.6	1126.3	1032.3	931.7	826.6
1486.6	1401.3	1287.0	1178.3	1072.0	954.7	835.3
1600.3	1490.4	1354.7	1225.3	1101.0	969.6	836.7
1687.7	1567.7	1415.3	1259.4	1121.0	981.0	836.7
1768.7	1633.0	1461.7	1286.0	1139.7	988.7	837.3
1831.7	1679.0	1491.7	1305.0	1154.3	994.3	840.3
1877.3	1709.0	1511.7	1316.7	1165.0	1002.4	847.0
1909.3	1728.7	1522.7	1327.0	1178.0	1016.4	865.7
1924.7	1765.0	1541.0	1347.7	1200.3	1046.0	903.0
1913.0	1821.3	1593.4	1382.7	1231.3	1092.3	962.7
1908.0	1831.7	1607.7	1390.4	1238.3	1102.4	983.3
1869.0	1842.0	1666.6	1429.0	1271.7	1146.6	1041.0
1748.0	1801.3	1716.4	1494.3	1343.3	1254.3	1148.7
1591.3	1741.0	1707.4	1502.7	1389.0	1342.7	1216.7
1403.6	1558.7	1527.4	1391.7	1338.7	1343.6	1199.0
1104.7	1221.0	1200.3	1152.6	1163.3	1200.0	1027.0
885.0	869.3	821.7	825.0	886.6	929.6	739.4
723.0	585.3	523.3	525.0	632.6	677.3	471.0
688.0	553.7	451.0	394.0	460.3	443.3	246.0
489.9	491.0	407.4	331.0	320.6	272.6	153.4
116.0	93.0	66.3	49.3	52.0	34.3	17.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)