

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: P181067

Luminaire Tested: **ICM-E02-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181067
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-E02-LED-E1-SLR-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4728.1 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

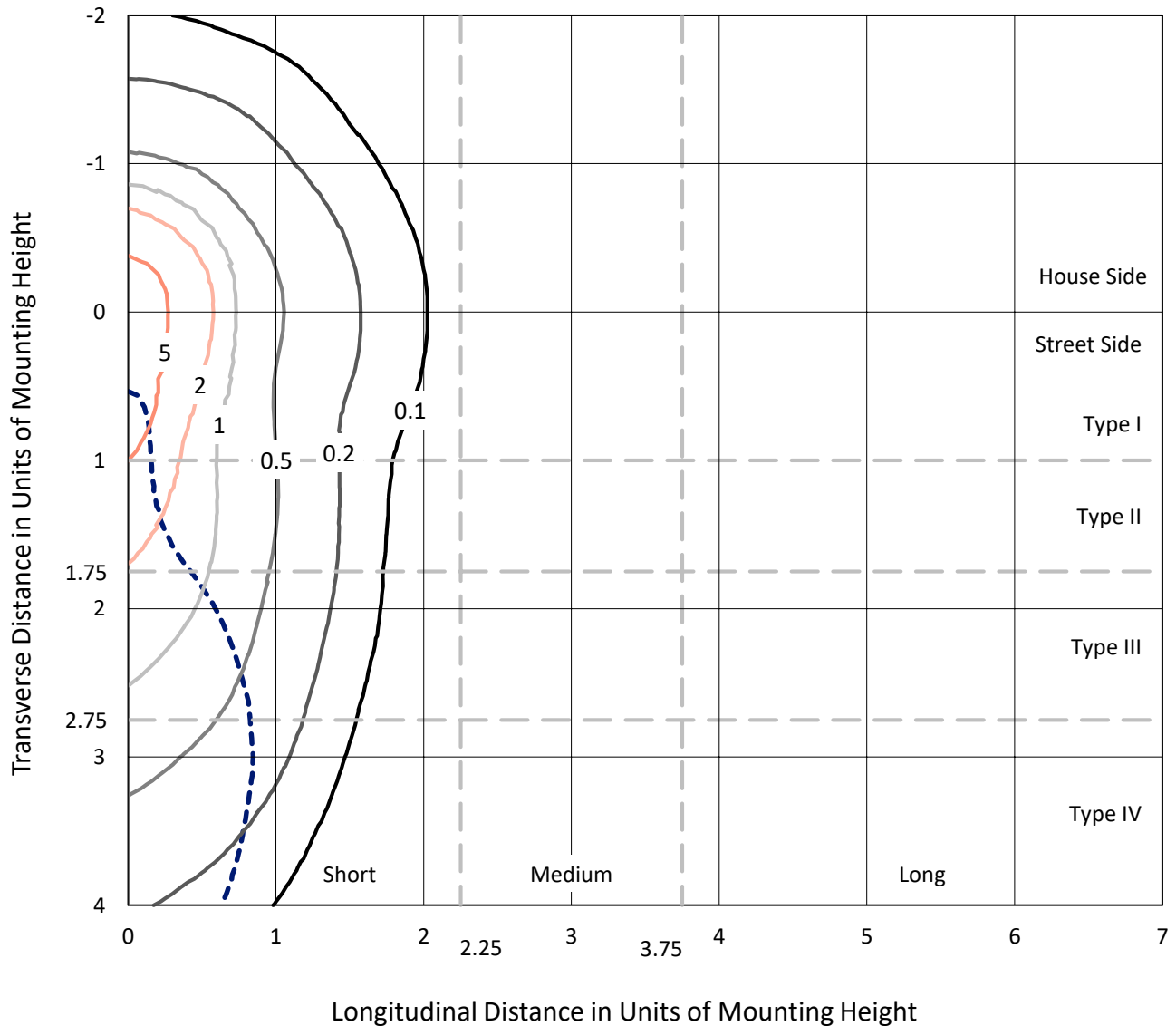
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

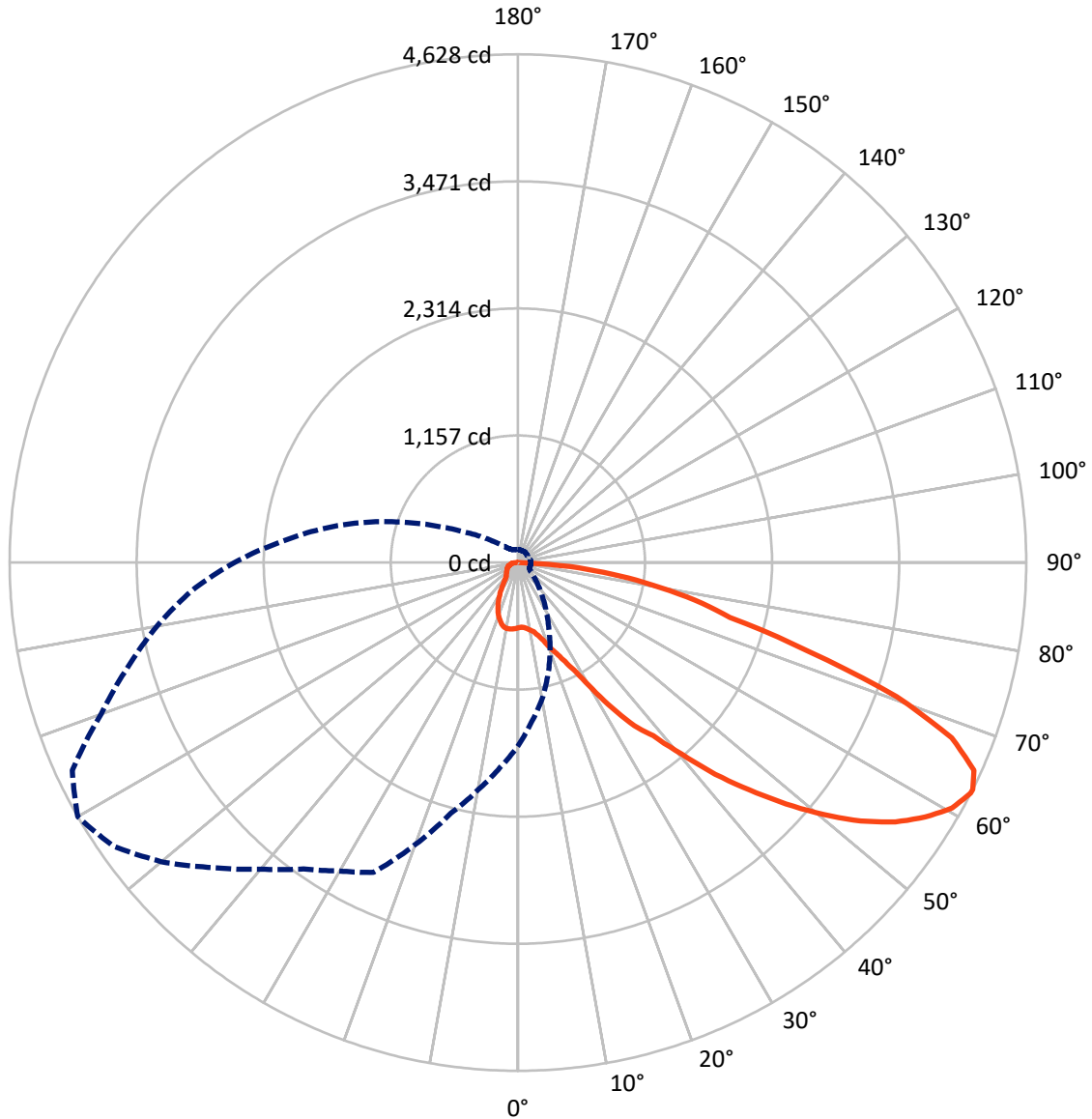
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.4 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	1025.3	0.0	1025.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	3702.8	0.0	3702.8
	% Fixture	78.3	0.0	78.3
Total	Lumens	4728.1	0.0	4728.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.8	1.2
10°-20°	180.1	3.8
20°-30°	320.0	6.8
30°-40°	504.0	10.7
40°-50°	741.7	15.7
50°-60°	985.1	20.8
60°-70°	1085.1	23.0
70°-80°	680.8	14.4
80°-90°	173.4	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°	4728.1	100.0
0°-180°	4728.1	100.0



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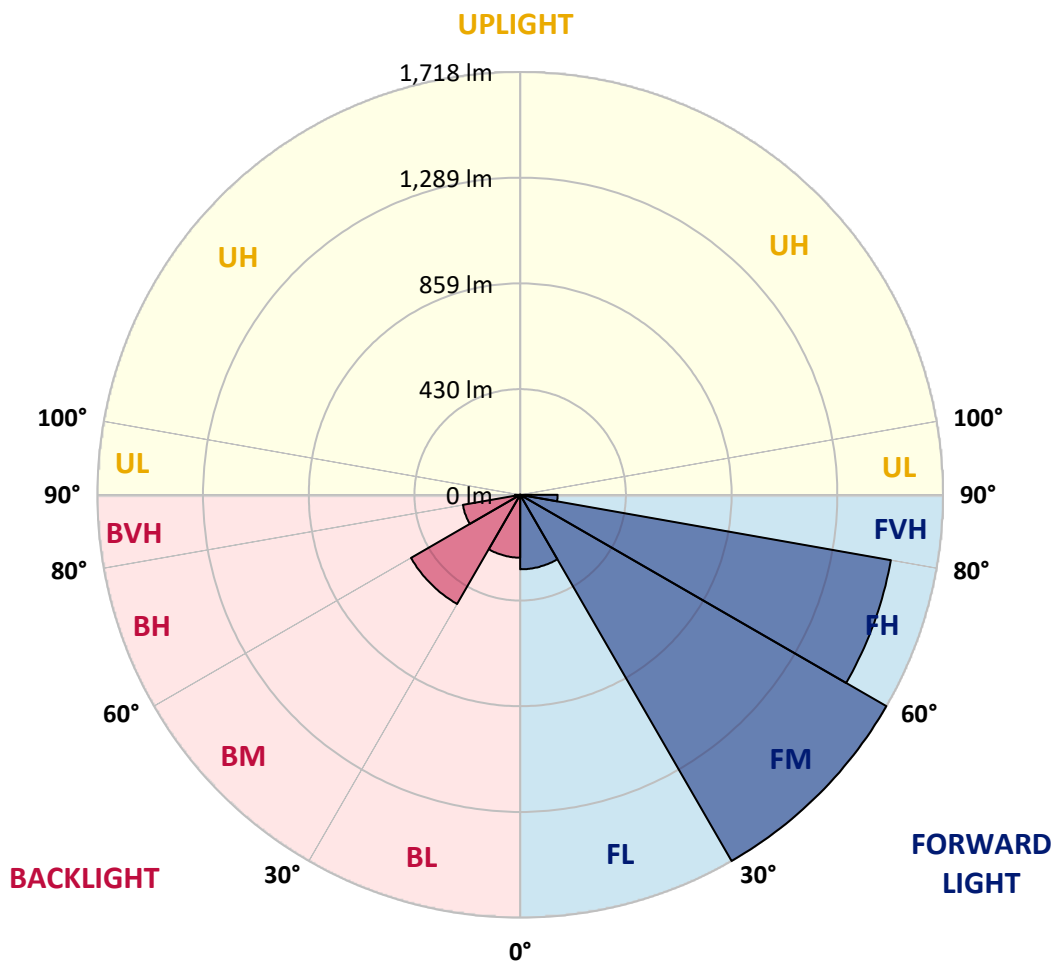
CATALOG NUMBER: ICM-E02-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	302.7	6.4			
FM	(30°-60°)	1718.3	36.3			
FH	(60°-80°)	1529.6	32.4			G1/1800
FVH	(80°-90°)	152.2	3.2			G2/225
BL	(0°-30°)	255.3	5.4	B1/500		
BM	(30°-60°)	512.5	10.8	B1/1000		
BH	(60°-80°)	236.3	5.0	B1/500		G1/500
BVH	(80°-90°)	21.2	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-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1
2.5°	586.2	587.9	587.4	587.4	588.5	587.9	587.9	588.5	588.5	590.2	592.5
5°	581.7	581.1	580.0	581.1	581.1	581.1	578.9	580.6	581.1	582.2	582.2
7.5°	587.4	585.7	583.4	584.0	584.0	582.9	581.1	581.7	581.1	581.1	580.6
10°	594.7	590.8	587.9	587.9	587.9	586.8	584.0	585.7	585.7	585.1	585.7
12.5°	607.7	603.3	599.8	598.7	598.7	597.0	594.7	597.0	595.9	595.9	594.7
15°	629.3	624.2	620.2	616.8	617.4	617.4	614.6	612.8	610.6	607.7	602.1
17.5°	661.6	655.9	650.8	648.0	648.6	644.6	636.7	628.7	618.0	607.2	595.4
20°	707.4	705.8	699.0	696.1	689.3	679.7	657.6	638.9	618.0	597.6	577.2
22.5°	786.8	778.8	772.0	761.3	738.6	712.0	675.2	642.3	609.5	580.6	553.4
25°	893.2	879.1	845.7	812.8	766.3	718.8	668.9	626.4	585.7	547.7	514.3
27.5°	998.1	955.0	895.5	836.0	768.1	705.8	643.4	593.0	545.5	504.1	467.3
30°	1124.9	1052.4	961.2	867.2	770.9	687.1	612.3	553.4	498.4	454.8	416.3
32.5°	1243.8	1139.1	1019.5	896.1	777.1	669.5	576.7	509.8	453.1	398.2	360.3
35°	1325.4	1189.5	1044.5	898.9	761.9	636.1	531.9	453.1	396.5	345.5	300.7
37.5°	1374.1	1211.5	1045.6	878.5	726.1	590.8	475.3	397.0	344.9	296.3	261.1
40°	1404.8	1216.7	1030.9	849.0	680.8	533.6	418.6	348.4	300.7	261.7	234.5
42.5°	1419.5	1208.8	1007.1	811.7	635.0	482.6	379.0	312.7	271.4	243.5	223.2
45°	1421.7	1194.6	981.6	777.7	594.1	445.8	351.7	298.0	263.9	240.7	220.4
47.5°	1421.7	1182.1	961.2	752.7	567.5	430.0	349.5	304.2	270.8	244.7	220.4
50°	1422.9	1178.1	952.8	740.3	558.5	438.4	368.7	323.4	285.5	251.5	219.8
52.5°	1427.9	1183.3	959.5	750.0	574.9	472.4	405.0	352.3	304.7	259.4	219.8
55°	1439.3	1200.3	988.4	783.4	619.1	523.9	448.6	383.4	320.0	262.8	216.4
57.5°	1471.0	1243.3	1041.1	847.9	694.4	583.4	488.3	405.6	325.7	260.0	209.6
60°	1534.4	1328.8	1131.2	938.5	774.3	634.4	511.4	408.9	320.6	250.9	198.8
62.5°	1635.8	1426.8	1240.5	1037.1	845.1	662.7	514.3	400.5	307.0	234.5	183.0
63°	1671.0	1451.2	1263.7	1055.8	854.1	664.9	512.0	397.0	303.6	230.0	180.7
65°	1768.9	1553.7	1344.1	1121.5	879.6	665.6	499.5	380.1	287.7	212.4	164.8
67.5°	1951.9	1688.5	1445.5	1173.0	888.7	647.4	467.9	348.4	254.3	185.2	145.0
70°	2067.5	1763.8	1484.6	1174.2	862.1	595.9	412.9	296.8	211.8	153.5	124.7
72.5°	2037.4	1689.6	1381.5	1068.3	747.1	497.9	331.9	233.4	165.4	122.9	103.6
75°	1745.1	1406.4	1127.2	827.5	564.7	365.9	243.0	166.5	122.3	96.3	86.7
77.5°	1256.3	1012.2	808.3	589.7	380.7	236.7	161.4	119.0	92.9	79.3	71.3
80°	800.4	593.6	494.5	354.6	222.6	146.7	111.0	90.0	76.5	66.2	61.2
82.5°	418.0	292.8	237.9	181.2	123.4	96.8	81.6	73.7	62.9	55.0	52.1
85°	260.6	172.7	128.0	89.5	61.8	55.5	51.0	49.9	44.7	39.6	38.0
87.5°	29.5	26.6	27.7	17.6	13.0	14.1	13.6	18.1	17.6	13.0	13.6
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°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1
2.5°	590.2	591.4	591.4	593.0	593.0	594.1	595.4	595.4	596.5	597.0	598.1
5°	583.4	583.4	583.4	585.7	586.2	589.7	590.8	591.9	593.0	597.0	599.3
7.5°	581.7	579.4	580.6	580.6	582.2	585.1	587.9	589.7	591.4	596.5	599.8
10°	585.1	583.4	581.7	581.7	582.2	583.4	585.7	587.4	588.5	593.6	596.5
12.5°	594.1	590.2	586.8	584.0	581.7	581.1	580.0	580.6	581.7	584.6	588.5
15°	595.9	588.5	581.1	573.8	568.1	564.7	561.9	560.7	560.7	562.4	567.0
17.5°	584.6	572.1	561.3	551.7	545.5	539.3	536.4	534.1	533.0	535.3	535.8
20°	560.2	545.5	530.7	519.4	508.1	506.4	501.9	503.0	504.1	507.5	509.2
22.5°	526.8	509.2	491.1	479.2	470.1	462.2	457.1	459.4	461.0	464.5	466.1
25°	486.0	460.5	441.2	429.3	419.7	412.9	407.3	409.5	407.3	411.3	417.5
27.5°	437.9	407.8	387.4	373.9	367.1	361.4	355.7	355.7	361.4	361.4	366.5
30°	379.5	357.4	330.8	316.7	308.1	304.7	304.2	303.1	307.0	309.3	314.9
32.5°	324.6	297.4	271.9	258.3	250.9	247.0	247.5	248.1	249.8	253.2	262.2
35°	269.0	245.3	227.2	211.8	204.5	197.1	197.1	196.0	197.7	201.7	212.4
37.5°	233.4	212.4	198.2	186.3	179.0	174.4	170.5	168.8	168.8	170.5	174.4
40°	213.6	198.2	185.2	175.1	168.2	164.3	162.0	160.3	159.2	159.2	159.7
42.5°	204.5	188.7	175.6	166.5	161.4	159.2	158.6	158.0	156.4	155.7	155.2
45°	199.9	181.9	167.1	159.7	155.7	154.6	155.2	155.2	154.6	153.5	151.3
47.5°	196.6	175.6	160.8	154.0	152.4	152.4	152.4	152.4	151.8	151.3	149.5
50°	190.9	166.0	150.1	145.0	143.9	143.9	144.5	144.5	145.6	144.5	143.3
52.5°	184.7	156.9	141.0	136.5	135.9	135.3	135.3	135.3	135.9	135.9	135.3
55°	177.9	150.1	136.5	133.1	133.7	133.1	132.6	132.0	132.0	131.4	130.2
57.5°	171.1	144.5	133.1	130.9	131.4	131.4	130.2	129.1	128.6	126.9	125.8
60°	160.8	136.5	126.3	125.2	126.9	126.9	126.9	126.3	126.3	125.8	122.9
62.5°	147.3	125.2	117.2	117.9	118.4	119.5	119.5	119.5	119.5	118.4	115.5
63°	144.5	122.9	115.5	115.5	117.2	117.2	117.9	117.2	117.9	116.7	113.3
65°	133.1	115.5	109.9	110.4	111.6	111.6	111.6	111.0	111.0	109.3	107.6
67.5°	120.1	106.5	103.1	103.6	104.2	105.4	104.7	104.7	105.4	104.2	102.5
70°	105.4	96.8	94.6	95.2	95.7	95.7	95.2	95.2	95.7	94.6	92.9
72.5°	94.0	90.6	88.9	88.9	87.8	87.8	86.7	86.1	85.5	85.5	83.8
75°	79.3	78.7	79.3	80.5	79.3	78.1	77.6	75.9	74.8	74.8	74.2
77.5°	68.0	68.0	69.1	70.8	71.3	71.3	69.7	66.9	66.2	66.2	66.2
80°	58.9	57.8	57.8	59.4	61.2	60.7	57.8	55.0	55.0	57.8	58.3
82.5°	51.5	51.5	49.9	50.4	49.9	49.3	46.4	44.7	44.2	46.4	48.7
85°	40.7	41.3	40.7	40.2	39.6	38.0	35.7	34.0	33.4	35.7	39.1
87.5°	16.5	15.8	15.3	15.8	15.3	16.5	15.8	14.7	14.1	15.8	19.3
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°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1
2.5°	598.7	599.8	600.9	600.9	602.1	601.6	602.1	602.7	602.7	603.3	603.3
5°	602.1	603.8	606.1	608.4	608.9	610.6	612.3	611.2	612.8	615.2	615.2
7.5°	603.3	607.2	608.9	612.3	612.8	615.2	619.1	616.3	619.6	621.4	622.0
10°	601.6	605.5	608.4	612.3	614.0	618.0	622.0	620.8	624.7	627.6	628.2
12.5°	591.4	595.4	601.6	607.2	611.7	618.0	625.3	623.1	628.7	632.1	633.9
15°	571.5	575.4	582.2	591.4	599.8	609.5	619.1	620.8	626.4	630.4	632.1
17.5°	540.4	545.5	552.8	562.4	573.2	589.7	602.1	608.4	616.3	618.5	621.4
20°	511.4	516.6	521.1	526.8	534.7	550.6	567.0	579.4	589.7	598.1	600.4
22.5°	472.9	477.5	483.2	487.7	493.4	504.7	518.2	532.5	548.3	553.4	559.1
25°	426.5	429.3	437.3	440.1	444.1	453.7	464.5	474.7	490.0	500.7	503.5
27.5°	376.7	379.5	386.9	388.6	393.7	402.7	410.7	414.6	428.7	440.1	449.2
30°	318.9	326.2	335.4	336.5	342.1	347.8	355.2	359.1	372.1	384.0	395.4
32.5°	269.0	276.4	283.8	288.3	291.2	295.6	303.1	307.0	319.4	330.2	341.6
35°	218.0	227.2	235.1	241.3	243.5	249.2	254.9	258.9	271.9	281.5	289.4
37.5°	179.5	186.3	194.9	201.1	207.4	211.3	218.0	223.7	231.6	236.7	245.3
40°	160.8	164.3	168.8	173.9	179.0	183.5	188.7	193.1	198.2	205.0	210.7
42.5°	154.6	155.2	155.2	156.9	159.7	162.0	166.5	170.0	173.3	178.4	181.2
45°	150.1	149.5	148.4	147.3	147.8	148.9	151.8	154.0	158.0	160.3	160.8
47.5°	147.8	145.6	143.3	141.6	141.0	141.6	143.9	146.1	148.4	150.1	150.7
50°	140.5	138.8	135.3	133.1	132.0	133.1	135.9	137.1	139.3	141.0	141.6
52.5°	133.1	130.9	128.6	126.3	126.3	126.9	129.1	131.4	133.7	134.2	135.3
55°	128.6	125.2	122.9	121.2	120.1	121.8	123.4	126.3	129.1	129.7	130.9
57.5°	124.0	120.7	118.4	116.7	115.5	117.2	119.0	122.9	126.3	126.3	126.3
60°	121.2	118.4	115.0	113.3	111.6	113.3	115.5	119.5	122.9	122.3	121.8
62.5°	113.3	110.4	108.7	108.7	107.1	109.9	112.2	116.7	117.2	116.1	115.0
63°	111.0	108.7	107.6	107.6	106.5	109.3	111.6	115.5	115.5	114.4	113.3
65°	105.4	103.6	102.5	103.6	103.6	106.5	107.1	109.9	109.3	107.6	107.1
67.5°	100.8	99.7	98.5	98.5	98.5	99.2	99.7	100.8	100.3	99.7	100.3
70°	93.5	92.9	91.7	91.7	91.2	91.2	91.2	91.7	91.7	92.4	92.9
72.5°	84.4	83.3	83.3	83.8	82.7	83.3	83.8	83.3	84.4	84.4	84.9
75°	74.2	73.7	74.8	75.9	75.3	75.3	75.9	75.9	76.5	76.5	77.0
77.5°	66.2	66.9	67.4	68.6	69.1	69.1	69.1	68.6	69.1	69.1	69.7
80°	58.9	60.0	61.2	62.3	62.9	62.9	62.9	62.3	62.3	62.3	62.3
82.5°	53.2	55.0	56.1	56.7	56.7	56.7	56.7	56.7	56.7	55.5	54.4
85°	44.7	48.2	48.2	48.7	47.0	45.9	44.7	45.3	45.9	43.6	43.1
87.5°	22.7	22.7	23.8	24.9	25.5	25.5	28.9	27.2	26.6	26.0	24.9
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1
2.5°	603.8	603.3	604.4	603.3	603.8	604.4	603.3	604.9	606.1	604.4	602.7
5°	616.3	616.3	619.1	620.2	620.8	624.2	622.5	623.6	624.7	624.2	624.7
7.5°	624.2	626.4	629.3	632.1	632.7	635.5	635.0	636.7	637.8	640.7	640.7
10°	631.0	633.9	637.8	640.7	643.4	645.7	646.9	650.2	650.8	653.1	653.1
12.5°	637.2	640.7	644.6	649.1	651.9	656.5	657.0	662.1	663.8	664.4	662.7
15°	636.1	640.1	644.6	649.7	654.8	660.5	663.8	668.9	671.8	672.9	670.1
17.5°	625.3	628.7	634.4	641.2	647.4	654.8	661.0	668.4	672.9	674.1	673.5
20°	604.4	606.6	614.0	623.1	630.4	641.8	650.8	662.1	669.5	675.2	676.8
22.5°	563.0	568.7	576.1	586.2	597.0	611.2	624.2	640.7	656.5	670.1	683.6
25°	513.2	523.4	534.7	548.3	561.3	576.1	590.8	609.5	632.7	661.0	693.3
27.5°	462.8	480.3	494.5	512.0	527.4	542.0	558.5	578.9	604.4	638.3	679.7
30°	411.8	431.6	446.9	467.3	487.7	507.5	523.9	545.5	570.4	604.9	650.2
32.5°	357.4	377.2	395.4	414.0	436.7	460.5	480.3	507.0	533.6	569.2	615.2
35°	301.3	318.9	334.2	354.0	379.0	404.5	430.5	461.0	490.0	527.4	576.1
37.5°	252.7	265.1	279.8	297.4	316.7	343.8	373.3	409.5	442.4	483.2	533.0
40°	212.4	219.2	227.7	242.4	260.0	286.6	315.5	354.0	393.7	438.4	486.5
42.5°	181.2	184.7	186.9	196.6	210.7	236.7	264.6	301.9	345.5	394.2	443.0
45°	160.8	162.6	163.2	168.2	178.4	201.1	230.0	261.7	303.6	351.2	402.1
47.5°	151.3	152.9	154.0	155.2	161.4	179.0	205.0	235.1	273.6	317.2	369.3
50°	143.3	145.0	146.7	146.1	148.9	160.3	182.4	210.1	246.4	286.6	338.1
52.5°	135.3	136.5	136.5	136.5	138.2	145.6	161.4	186.9	220.4	258.3	309.3
55°	130.9	132.0	132.6	133.1	133.7	137.7	149.5	170.0	198.8	234.0	279.8
57.5°	126.3	126.9	128.0	128.6	129.7	132.0	139.3	154.0	178.4	207.9	246.4
60°	122.3	123.4	125.8	126.3	127.4	128.0	131.4	140.5	156.4	179.0	210.1
62.5°	116.1	117.9	120.1	120.7	121.8	122.3	122.9	128.0	135.3	148.9	172.2
63°	114.4	116.1	119.0	119.5	120.1	120.1	120.7	124.0	130.9	142.7	159.7
65°	108.2	110.4	112.2	112.7	113.3	113.3	112.7	113.9	114.4	119.5	129.7
67.5°	101.4	103.1	104.2	104.7	104.2	104.7	104.2	103.1	102.0	103.1	107.6
70°	94.6	95.7	95.7	96.3	96.8	97.4	96.3	95.2	94.0	93.5	96.3
72.5°	86.7	87.8	87.8	88.4	88.4	89.5	89.5	88.9	88.9	89.5	90.0
75°	78.7	79.9	79.3	80.5	80.5	82.1	82.1	82.7	83.8	83.3	82.7
77.5°	71.3	71.9	71.9	72.5	73.0	75.9	77.6	78.1	78.1	77.0	75.9
80°	63.4	63.4	62.3	61.8	62.3	65.1	68.6	69.1	70.8	70.2	70.8
82.5°	53.2	51.0	49.3	49.3	50.4	52.1	53.2	54.4	55.5	55.5	56.7
85°	40.7	38.5	36.8	37.4	39.1	39.6	39.1	39.1	41.3	43.1	41.3
87.5°	24.4	22.0	20.9	19.3	19.8	21.5	20.9	19.3	19.8	15.8	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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1
2.5°	603.8	603.3	602.1	600.4	599.8	598.7	599.3	597.6	596.5	595.4	593.6
5°	624.7	624.7	621.4	621.4	619.6	619.1	615.2	613.4	610.1	611.2	607.2
7.5°	639.4	641.2	637.2	636.7	634.4	633.9	628.7	627.1	624.2	623.1	619.6
10°	650.2	650.2	645.1	641.2	638.3	635.5	630.4	628.2	625.9	626.4	624.2
12.5°	658.8	654.8	647.4	641.8	637.8	635.0	631.0	629.3	628.7	632.7	633.3
15°	665.6	659.9	650.8	646.9	643.4	642.9	642.9	644.6	648.6	655.9	661.6
17.5°	669.5	666.1	661.6	660.5	666.1	669.5	674.1	679.2	684.8	695.0	701.2
20°	676.8	679.2	682.5	687.1	696.1	704.7	710.3	717.7	724.5	736.9	747.1
22.5°	696.1	709.1	719.9	729.0	742.6	754.5	761.9	772.0	777.1	785.6	801.5
25°	721.0	747.6	770.3	789.6	810.5	823.0	833.2	846.2	854.1	868.3	882.5
27.5°	713.7	751.6	785.6	821.3	850.2	882.5	905.1	926.7	940.3	961.2	979.9
30°	691.1	736.4	782.2	829.2	875.2	921.6	964.7	1003.7	1033.7	1063.7	1094.3
32.5°	660.5	712.6	768.7	826.4	886.4	951.0	1010.5	1069.4	1119.3	1162.9	1205.3
35°	625.3	684.3	742.6	814.0	888.2	970.2	1052.9	1134.5	1210.4	1287.4	1339.5
37.5°	583.4	643.4	708.6	790.7	878.0	979.4	1084.7	1191.2	1298.8	1402.4	1492.6
40°	538.7	599.8	668.4	757.3	855.8	973.7	1105.1	1248.4	1396.2	1546.3	1665.9
42.5°	499.0	561.9	636.7	726.7	833.8	966.3	1121.5	1297.7	1478.3	1664.1	1839.7
45°	460.5	529.6	608.4	705.2	824.1	972.0	1145.9	1343.5	1552.0	1777.4	1991.5
47.5°	426.0	496.2	572.7	678.6	810.0	974.8	1169.7	1389.4	1621.7	1865.8	2120.1
50°	394.8	462.8	538.1	644.6	787.9	973.1	1191.2	1430.8	1681.7	1935.5	2219.3
52.5°	364.2	433.3	510.3	611.7	760.7	963.4	1201.4	1464.8	1737.2	2005.7	2299.1
55°	334.2	402.1	479.7	580.6	725.0	938.5	1200.3	1486.9	1781.4	2072.0	2376.1
57.5°	299.1	363.6	439.5	546.0	687.1	900.0	1183.3	1497.0	1819.4	2137.7	2468.5
60°	255.4	316.1	389.1	495.6	637.2	850.8	1147.5	1491.4	1841.4	2186.4	2547.2
62.5°	201.7	254.3	321.1	425.4	574.9	780.0	1080.8	1439.8	1806.3	2179.5	2584.0
63°	190.3	240.2	305.3	408.4	548.3	760.7	1060.9	1419.5	1789.3	2165.4	2578.9
65°	152.9	185.2	237.3	329.7	458.8	666.1	962.3	1314.7	1698.1	2065.8	2505.3
67.5°	117.2	133.7	161.4	226.0	324.6	523.9	779.4	1114.1	1473.9	1819.4	2267.9
70°	100.3	107.6	119.5	150.1	206.1	330.8	547.2	831.0	1142.5	1442.1	1845.4
72.5°	91.2	94.6	100.8	113.9	141.6	198.2	348.9	540.9	777.1	1028.1	1339.5
75°	83.8	86.7	91.7	98.5	108.7	132.0	198.8	330.8	505.2	675.2	904.0
77.5°	76.5	78.1	83.8	90.0	96.8	108.7	131.4	190.3	290.6	398.2	544.9
80°	70.2	69.1	73.0	83.3	90.0	96.8	103.6	123.4	165.4	218.0	294.5
82.5°	56.1	57.2	60.7	70.8	73.7	71.9	73.0	76.5	92.4	100.8	150.7
85°	38.0	35.2	34.5	35.7	35.7	34.0	34.0	33.4	36.8	42.0	71.9
87.5°	10.2	5.1	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°	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	594.1	0°
2.5°	592.5	591.9	592.5	589.7	589.7	589.1	588.5	587.4	587.4	585.1	586.8	2.5°
5°	603.8	602.7	600.4	597.0	595.4	593.0	593.0	590.8	589.1	586.8	587.4	5°
7.5°	616.8	617.4	613.4	610.6	609.5	607.2	607.7	604.4	604.9	603.3	602.1	7.5°
10°	624.2	624.2	625.3	624.7	625.9	625.9	627.6	625.3	624.2	622.5	622.5	10°
12.5°	636.1	638.3	642.9	642.9	646.3	647.4	648.0	649.1	646.9	645.7	641.8	12.5°
15°	665.6	671.2	675.2	680.8	687.6	689.9	689.9	687.6	686.5	684.8	677.4	15°
17.5°	714.2	726.7	730.1	739.2	740.3	743.2	751.1	746.5	743.7	731.8	729.6	17.5°
20°	764.1	780.0	795.8	807.2	812.8	824.1	825.9	823.5	812.3	800.9	795.8	20°
22.5°	824.1	847.9	866.1	883.6	892.1	897.8	910.2	907.4	898.3	881.3	874.5	22.5°
25°	909.1	938.5	957.9	979.4	990.7	996.4	1008.8	1008.8	999.2	994.1	993.5	25°
27.5°	1016.2	1052.4	1084.1	1091.5	1120.9	1127.7	1139.6	1139.6	1130.6	1124.4	1154.3	27.5°
30°	1135.1	1173.0	1228.0	1264.8	1300.5	1335.6	1335.1	1337.3	1348.1	1353.8	1366.8	30°
32.5°	1254.1	1301.0	1359.5	1439.3	1515.7	1580.8	1665.3	1719.1	1702.7	1656.8	1638.6	32.5°
35°	1398.5	1450.6	1521.4	1601.9	1741.8	1826.2	1866.9	1895.8	1899.2	1905.4	1918.4	35°
37.5°	1559.4	1646.6	1728.8	1819.9	1897.5	2000.0	2094.6	2170.5	2188.1	2223.7	2203.4	37.5°
40°	1762.7	1860.1	1946.2	2064.0	2168.3	2291.7	2427.1	2531.4	2573.2	2559.6	2457.7	40°
42.5°	1975.6	2096.3	2197.1	2335.9	2471.3	2634.4	2774.3	2919.9	2946.0	2841.1	2688.8	42.5°
45°	2171.6	2321.2	2446.3	2590.8	2756.2	2951.6	3138.5	3288.1	3283.0	3103.5	2899.6	45°
47.5°	2347.8	2531.4	2684.3	2872.3	3050.2	3283.0	3497.7	3608.1	3543.0	3330.5	3080.8	47.5°
50°	2493.4	2722.2	2910.8	3101.1	3327.2	3607.6	3814.3	3876.6	3750.8	3519.7	3257.0	50°
52.5°	2610.6	2897.8	3109.7	3328.9	3614.3	3909.4	4087.3	4064.1	3901.5	3664.2	3402.5	52.5°
55°	2709.8	3032.0	3284.7	3543.6	3897.5	4169.4	4287.8	4225.5	3998.4	3757.6	3502.2	55°
57.5°	2812.3	3162.3	3445.5	3745.8	4140.0	4373.3	4439.1	4311.0	4044.2	3793.3	3545.2	57.5°
60°	2914.8	3271.1	3587.7	3922.4	4323.5	4539.8	4521.8	4330.3	4030.6	3767.3	3516.4	60°
62.5°	2983.9	3335.6	3670.4	4031.2	4461.1	4624.9	4513.8	4261.8	3951.9	3664.8	3430.3	62.5°
63°	2985.6	3337.9	3675.6	4038.6	4476.4	4627.7	4498.5	4237.4	3927.0	3643.8	3404.8	63°
65°	2950.0	3295.5	3630.2	4005.1	4463.4	4562.5	4366.5	4093.5	3784.9	3498.8	3272.2	65°
67.5°	2767.6	3119.8	3415.6	3769.0	4230.1	4258.4	4013.1	3792.8	3515.2	3219.0	2982.3	67.5°
70°	2399.9	2692.8	2982.8	3277.9	3664.8	3659.7	3429.1	3317.0	3074.0	2736.4	2546.6	70°
72.5°	1908.8	2171.6	2375.5	2573.2	2828.1	2776.6	2628.2	2659.4	2501.9	2249.9	2137.1	72.5°
75°	1417.2	1706.1	1805.8	1886.2	1993.8	1994.3	2035.2	2123.5	2121.2	1981.3	1839.2	75°
77.5°	929.5	1245.6	1279.0	1343.5	1472.7	1648.3	1829.5	2024.4	2073.1	1962.6	1752.5	77.5°
80°	518.2	846.8	808.3	863.8	1003.2	1241.6	1508.9	1724.2	1851.1	1789.3	1566.7	80°
82.5°	265.1	488.3	466.7	543.7	656.5	863.8	1040.5	1205.9	1355.5	1347.0	1262.5	82.5°
85°	137.7	267.4	304.2	344.4	401.0	475.3	542.0	590.2	652.6	762.4	799.8	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.6	0.0	40.7	29.5	81.0	115.5	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°
594.1	594.1	594.1	594.1	594.1	594.1	594.1
587.4	587.9	586.8	586.8	587.4	587.4	586.2
586.2	586.2	585.1	584.0	582.9	582.9	581.7
599.3	599.3	595.4	593.6	590.8	588.5	587.4
618.5	615.2	610.6	607.2	602.7	597.6	594.7
637.8	632.7	627.1	622.0	616.3	610.6	607.7
669.5	662.7	655.4	649.1	641.2	632.7	629.3
718.2	707.4	697.9	688.7	674.6	668.4	661.6
782.8	767.0	754.5	739.2	721.6	715.9	707.4
860.9	847.4	822.4	811.1	793.6	785.0	786.8
979.9	962.3	933.5	922.7	921.0	902.3	893.2
1135.1	1136.3	1109.6	1080.8	1064.8	1035.4	998.1
1356.0	1340.8	1309.6	1280.1	1242.7	1187.3	1124.9
1623.4	1589.4	1537.9	1482.9	1416.7	1331.1	1243.8
1884.5	1825.0	1742.9	1651.1	1555.4	1448.9	1325.4
2113.9	2021.6	1898.6	1793.3	1658.0	1524.8	1374.1
2323.5	2209.0	2050.4	1914.0	1754.2	1583.2	1404.8
2526.2	2381.2	2187.0	2002.3	1821.6	1622.2	1419.5
2719.4	2532.5	2302.0	2082.2	1870.9	1647.7	1421.7
2867.8	2663.9	2405.0	2139.9	1904.8	1667.0	1421.7
3005.4	2774.9	2483.7	2185.2	1936.6	1680.0	1422.9
3112.5	2853.0	2534.7	2217.5	1961.5	1689.6	1427.9
3190.1	2904.0	2568.8	2237.4	1979.6	1703.3	1439.3
3244.5	2937.5	2587.5	2254.9	2001.8	1727.0	1471.0
3270.5	2999.2	2618.5	2290.1	2039.6	1777.4	1534.4
3250.7	3094.9	2707.5	2349.5	2092.4	1856.2	1635.8
3242.2	3112.5	2731.8	2362.5	2104.3	1873.1	1671.0
3175.9	3130.1	2832.1	2428.3	2160.9	1948.5	1768.9
2970.3	3060.9	2916.5	2539.3	2282.7	2131.5	1951.9
2704.1	2958.4	2901.2	2553.4	2360.3	2281.6	2067.5
2385.2	2648.6	2595.4	2364.9	2274.7	2283.3	2037.4
1877.1	2074.8	2039.6	1958.7	1976.8	2039.1	1745.1
1503.8	1477.2	1396.2	1401.9	1506.7	1579.7	1256.3
1228.6	994.6	889.3	892.1	1075.1	1151.0	800.4
1169.1	940.8	766.3	669.5	782.2	753.3	418.0
832.7	834.3	692.2	562.4	544.9	463.4	260.6
197.1	158.0	112.7	83.8	88.4	58.3	29.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)