

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: P181072

Luminaire Tested: **ICM-F02-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181072
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-F02-LED-E1-SLR-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3903.2 lumens
Efficiency: N/A
Efficacy: 71.0 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

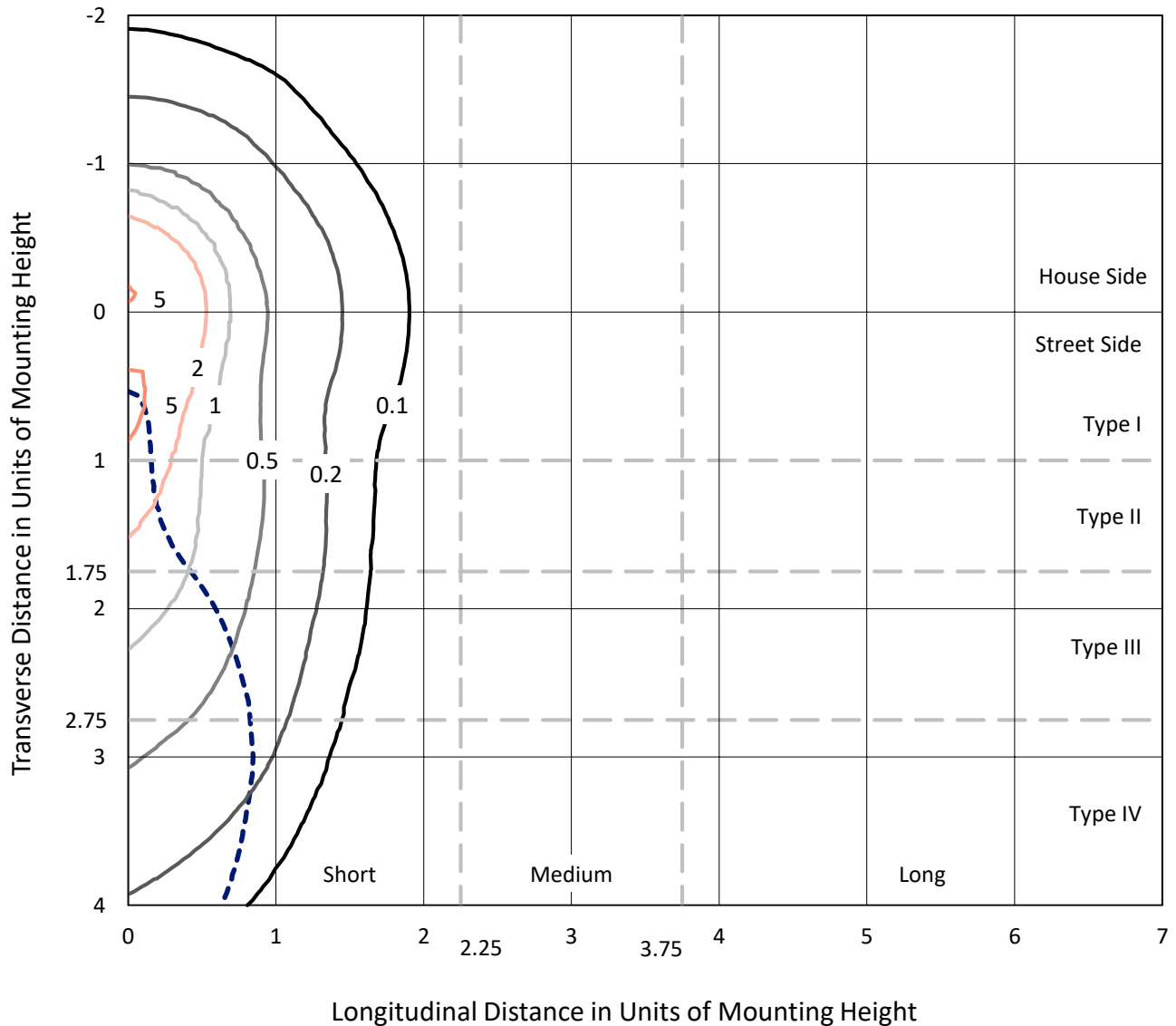
Input Watts (W): 55
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

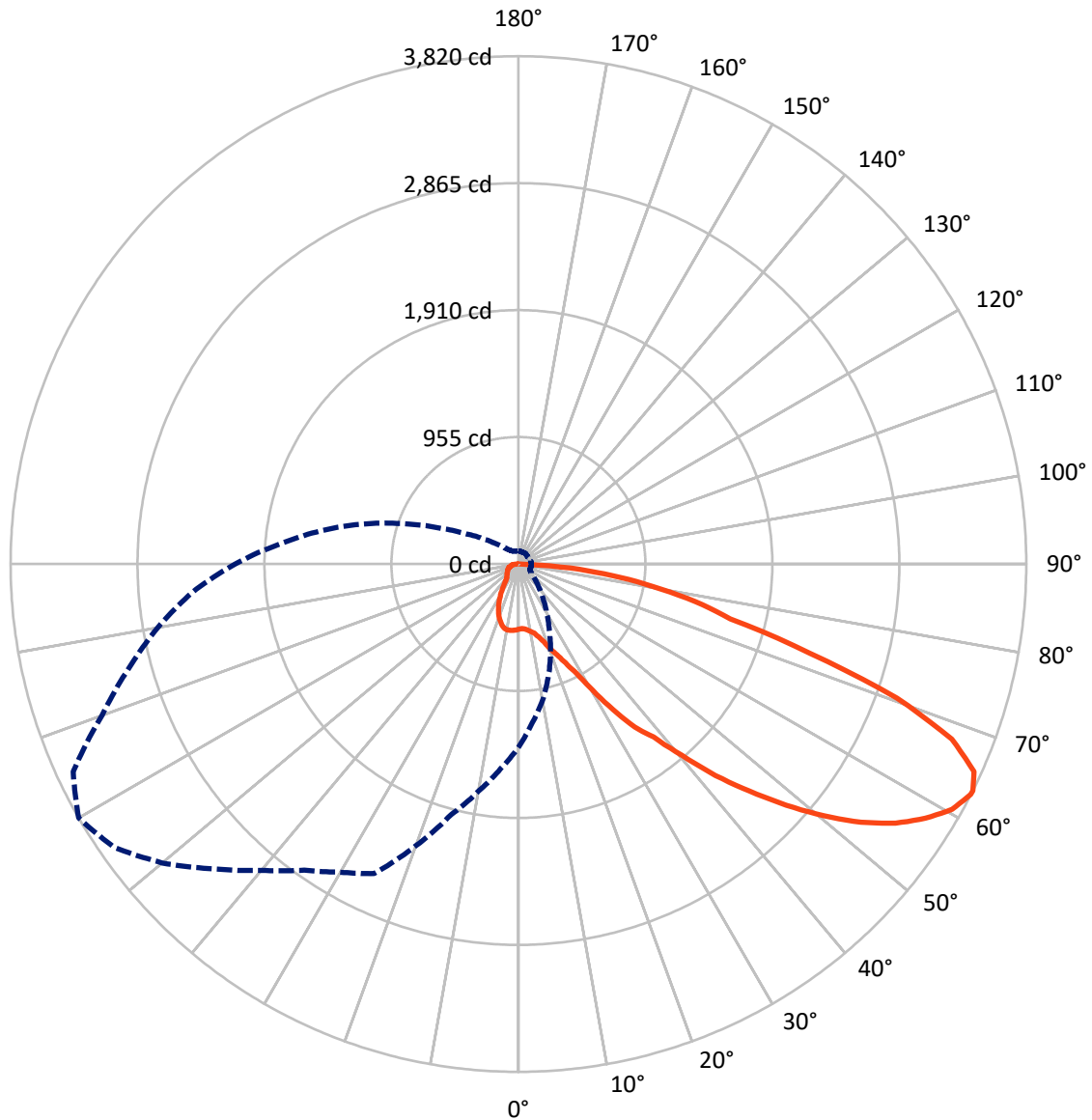
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.1 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	846.4	0.0	846.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	3056.8	0.0	3056.8
	% Fixture	78.3	0.0	78.3
Total	Lumens	3903.2	0.0	3903.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.7	1.2
10°-20°	148.7	3.8
20°-30°	264.2	6.8
30°-40°	416.0	10.7
40°-50°	612.3	15.7
50°-60°	813.3	20.8
60°-70°	895.8	23.0
70°-80°	562.0	14.4
80°-90°	143.2	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°	3903.2	100.0
0°-180°	3903.2	100.0

Coefficient of Utilization



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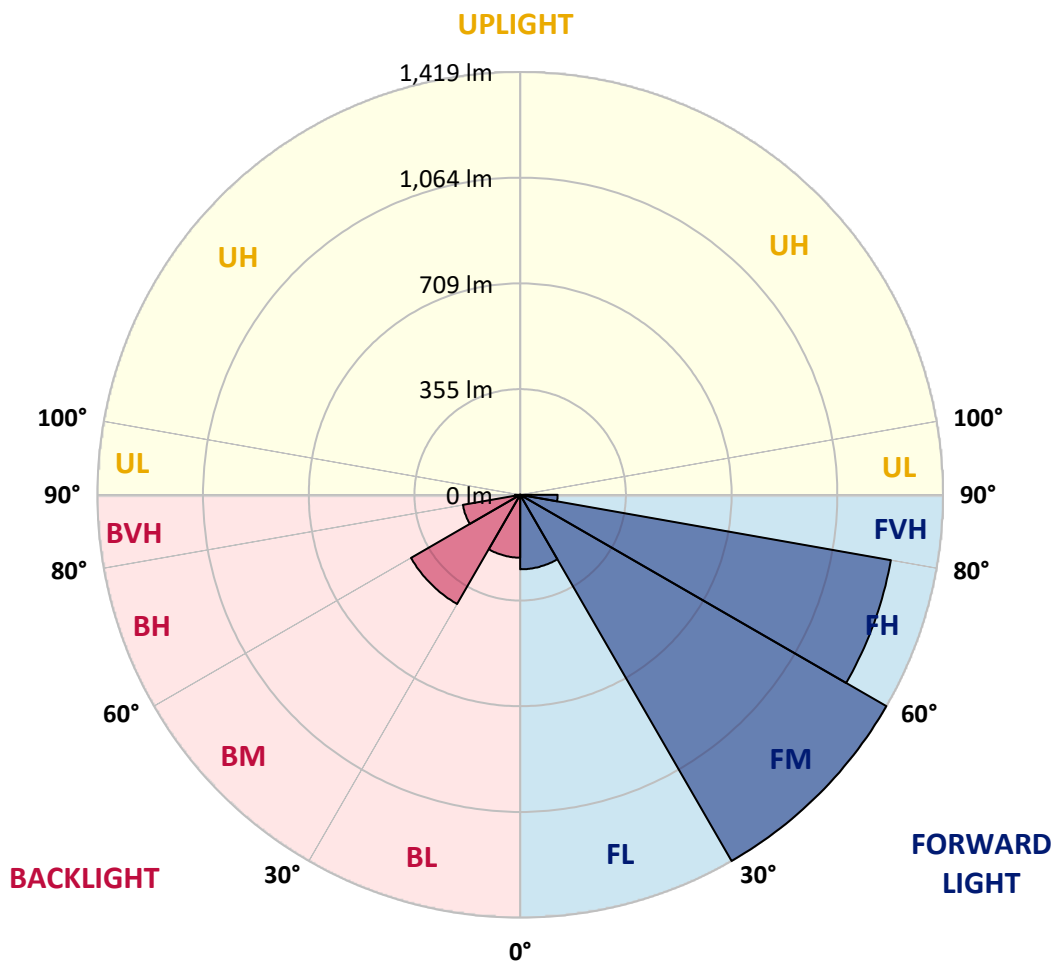
CATALOG NUMBER: ICM-F02-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	249.9	6.4			
FM	(30°-60°)	1418.5	36.3			
FH	(60°-80°)	1262.7	32.4			G1/1800
FVH	(80°-90°)	125.6	3.2			G2/225
BL	(0°-30°)	210.7	5.4	B1/500		
BM	(30°-60°)	423.0	10.8	B1/1000		
BH	(60°-80°)	195.1	5.0	B1/500		G1/500
BVH	(80°-90°)	17.5	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-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5
2.5°	484.0	485.4	484.9	484.9	485.9	485.4	485.4	485.9	485.9	487.3	489.1
5°	480.2	479.7	478.8	479.7	479.7	479.7	477.9	479.3	479.7	480.7	480.7
7.5°	484.9	483.5	481.6	482.0	482.0	481.1	479.7	480.2	479.7	479.7	479.3
10°	491.0	487.7	485.4	485.4	485.4	484.5	482.0	483.5	483.5	483.1	483.5
12.5°	501.8	498.0	495.2	494.2	494.2	492.8	491.0	492.8	491.9	491.9	491.0
15°	519.5	515.3	512.0	509.2	509.7	509.7	507.4	506.0	504.1	501.8	497.0
17.5°	546.1	541.5	537.3	534.9	535.4	532.1	525.6	519.1	510.1	501.3	491.4
20°	584.0	582.6	577.0	574.7	569.0	561.1	542.9	527.4	510.1	493.3	476.5
22.5°	649.5	643.0	637.3	628.5	609.8	587.7	557.4	530.2	503.2	479.3	456.8
25°	737.4	725.7	698.1	671.0	632.7	593.4	552.2	517.1	483.5	452.2	424.6
27.5°	823.9	788.4	739.3	690.1	634.1	582.6	531.2	489.6	450.3	416.2	385.8
30°	928.7	868.7	793.5	715.9	636.4	567.2	505.5	456.8	411.4	375.4	343.7
32.5°	1026.8	940.4	841.7	739.7	641.6	552.7	476.0	420.8	374.0	328.7	297.4
35°	1094.1	982.0	862.2	742.1	628.9	525.1	439.1	374.0	327.4	285.2	248.3
37.5°	1134.4	1000.2	863.2	725.2	599.4	487.7	392.3	327.8	284.7	244.6	215.5
40°	1159.6	1004.4	851.0	700.9	562.0	440.5	345.6	287.5	248.3	216.0	193.6
42.5°	1171.8	997.9	831.4	670.1	524.2	398.4	312.8	258.1	224.0	201.0	184.2
45°	1173.7	986.1	810.3	642.1	490.5	368.0	290.4	246.0	217.9	198.7	181.9
47.5°	1173.7	975.9	793.5	621.4	468.6	354.9	288.5	251.1	223.5	202.0	181.9
50°	1174.6	972.6	786.5	611.2	461.0	362.0	304.4	267.0	235.6	207.6	181.4
52.5°	1178.8	976.8	792.1	619.1	474.6	390.0	334.3	290.9	251.5	214.1	181.4
55°	1188.2	990.8	815.9	646.7	511.1	432.6	370.3	316.6	264.2	216.9	178.6
57.5°	1214.3	1026.3	859.4	700.0	573.3	481.6	403.1	334.8	268.8	214.6	173.0
60°	1266.7	1096.9	933.8	774.8	639.2	523.7	422.2	337.6	264.7	207.2	164.1
62.5°	1350.4	1177.9	1024.0	856.2	697.7	547.1	424.6	330.6	253.4	193.6	151.1
63°	1379.5	1198.0	1043.2	871.6	705.1	548.9	422.7	327.8	250.6	189.9	149.1
65°	1460.3	1282.6	1109.6	925.9	726.1	549.4	412.4	313.8	237.6	175.3	136.1
67.5°	1611.4	1393.9	1193.3	968.4	733.7	534.4	386.2	287.5	210.0	152.9	119.7
70°	1706.7	1456.1	1225.6	969.3	711.7	491.9	340.8	245.0	174.9	126.7	102.9
72.5°	1682.0	1394.8	1140.5	881.9	616.7	411.0	274.0	192.7	136.6	101.5	85.6
75°	1440.7	1161.0	930.5	683.2	466.2	302.0	200.6	137.5	101.0	79.5	71.5
77.5°	1037.1	835.6	667.3	486.8	314.2	195.4	133.3	98.2	76.7	65.5	58.9
80°	660.7	490.0	408.2	292.7	183.7	121.1	91.6	74.3	63.2	54.7	50.5
82.5°	345.1	241.8	196.4	149.7	102.0	80.0	67.3	60.7	51.9	45.4	43.0
85°	215.1	142.6	105.7	73.9	51.0	45.9	42.0	41.1	36.9	32.7	31.3
87.5°	24.3	22.0	22.9	14.5	10.8	11.7	11.3	15.0	14.5	10.8	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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5
2.5°	487.3	488.2	488.2	489.6	489.6	490.5	491.4	491.4	492.4	492.8	493.8
5°	481.6	481.6	481.6	483.5	484.0	486.8	487.7	488.7	489.6	492.8	494.7
7.5°	480.2	478.3	479.3	479.3	480.7	483.1	485.4	486.8	488.2	492.4	495.2
10°	483.1	481.6	480.2	480.2	480.7	481.6	483.5	484.9	485.9	490.0	492.4
12.5°	490.5	487.3	484.5	482.0	480.2	479.7	478.8	479.3	480.2	482.5	485.9
15°	491.9	485.9	479.7	473.7	469.0	466.2	463.8	462.9	462.9	464.3	468.1
17.5°	482.5	472.3	463.4	455.4	450.3	445.1	442.8	440.9	440.0	441.9	442.3
20°	462.4	450.3	438.1	428.7	419.4	418.0	414.3	415.3	416.2	419.0	420.4
22.5°	434.9	420.4	405.4	395.6	388.1	381.6	377.3	379.3	380.7	383.4	384.8
25°	401.2	380.2	364.3	354.4	346.5	340.8	336.2	338.0	336.2	339.4	344.7
27.5°	361.5	336.7	319.8	308.7	303.0	298.3	293.7	293.7	298.3	298.3	302.5
30°	313.3	295.1	273.1	261.4	254.3	251.5	251.1	250.1	253.4	255.4	260.0
32.5°	267.9	245.5	224.5	213.2	207.2	203.9	204.4	204.8	206.2	209.0	216.5
35°	222.1	202.5	187.5	174.9	168.8	162.7	162.7	161.8	163.2	166.4	175.3
37.5°	192.7	175.3	163.6	153.9	147.7	144.0	140.7	139.3	139.3	140.7	144.0
40°	176.3	163.6	152.9	144.5	138.9	135.6	133.8	132.4	131.3	131.3	131.9
42.5°	168.8	155.7	144.9	137.5	133.3	131.3	130.9	130.4	129.0	128.6	128.1
45°	165.0	150.1	138.0	131.9	128.6	127.6	128.1	128.1	127.6	126.7	124.8
47.5°	162.2	144.9	132.8	127.2	125.8	125.8	125.8	125.8	125.3	124.8	123.4
50°	157.6	137.0	123.9	119.7	118.8	118.8	119.3	119.3	120.2	119.3	118.3
52.5°	152.5	129.5	116.5	112.7	112.2	111.7	111.7	111.7	112.2	112.2	111.7
55°	146.8	123.9	112.7	109.9	110.3	109.9	109.4	108.9	108.9	108.5	107.5
57.5°	141.2	119.3	109.9	108.0	108.5	108.5	107.5	106.6	106.1	104.7	103.8
60°	132.8	112.7	104.3	103.3	104.7	104.7	104.7	104.3	104.3	103.8	101.5
62.5°	121.6	103.3	96.8	97.3	97.8	98.7	98.7	98.7	98.7	97.8	95.3
63°	119.3	101.5	95.3	95.3	96.8	96.8	97.3	96.8	97.3	96.3	93.5
65°	109.9	95.3	90.7	91.2	92.1	92.1	92.1	91.6	91.6	90.2	88.8
67.5°	99.2	87.9	85.1	85.6	86.0	87.0	86.5	86.5	87.0	86.0	84.7
70°	87.0	80.0	78.0	78.5	79.0	79.0	78.5	78.5	79.0	78.0	76.7
72.5°	77.6	74.8	73.4	73.4	72.5	72.5	71.5	71.1	70.6	70.6	69.2
75°	65.5	65.0	65.5	66.4	65.5	64.6	64.1	62.7	61.8	61.8	61.2
77.5°	56.1	56.1	57.0	58.4	58.9	58.9	57.5	55.2	54.7	54.7	54.7
80°	48.7	47.7	47.7	49.1	50.5	50.0	47.7	45.4	45.4	47.7	48.2
82.5°	42.5	42.5	41.1	41.6	41.1	40.7	38.3	36.9	36.5	38.3	40.2
85°	33.7	34.1	33.7	33.2	32.7	31.3	29.5	28.1	27.6	29.5	32.3
87.5°	13.6	13.1	12.7	13.1	12.7	13.6	13.1	12.2	11.7	13.1	15.9
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°	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5
2.5°	494.2	495.2	496.1	496.1	497.0	496.6	497.0	497.5	497.5	498.0	498.0
5°	497.0	498.4	500.3	502.2	502.7	504.1	505.5	504.6	506.0	507.8	507.8
7.5°	498.0	501.3	502.7	505.5	506.0	507.8	511.1	508.7	511.5	512.9	513.4
10°	496.6	499.8	502.2	505.5	506.9	510.1	513.4	512.5	515.7	518.0	518.6
12.5°	488.2	491.4	496.6	501.3	505.0	510.1	516.2	514.3	519.1	521.9	523.3
15°	471.8	475.1	480.7	488.2	495.2	503.2	511.1	512.5	517.1	520.5	521.9
17.5°	446.0	450.3	456.4	464.3	473.2	486.8	497.0	502.2	508.7	510.6	512.9
20°	422.2	426.4	430.1	434.9	441.4	454.5	468.1	478.3	486.8	493.8	495.6
22.5°	390.4	394.1	398.9	402.6	407.3	416.7	427.8	439.5	452.7	456.8	461.5
25°	352.1	354.4	361.0	363.4	366.6	374.5	383.4	391.8	404.5	413.4	415.7
27.5°	311.0	313.3	319.4	320.7	325.0	332.5	339.0	342.2	354.0	363.4	370.8
30°	263.3	269.3	276.8	277.8	282.4	287.1	293.2	296.5	307.2	317.0	326.4
32.5°	222.1	228.2	234.2	238.0	240.4	244.1	250.1	253.4	263.7	272.7	282.0
35°	180.0	187.5	194.0	199.2	201.0	205.8	210.4	213.7	224.5	232.4	239.0
37.5°	148.2	153.9	160.8	166.0	171.2	174.4	180.0	184.7	191.3	195.4	202.5
40°	132.8	135.6	139.3	143.5	147.7	151.5	155.7	159.4	163.6	169.3	174.0
42.5°	127.6	128.1	128.1	129.5	131.9	133.8	137.5	140.3	143.1	147.3	149.7
45°	123.9	123.4	122.5	121.6	122.0	123.0	125.3	127.2	130.4	132.4	132.8
47.5°	122.0	120.2	118.3	116.9	116.5	116.9	118.8	120.7	122.5	123.9	124.4
50°	116.0	114.6	111.7	109.9	108.9	109.9	112.2	113.1	115.1	116.5	116.9
52.5°	109.9	108.0	106.1	104.3	104.3	104.7	106.6	108.5	110.3	110.8	111.7
55°	106.1	103.3	101.5	100.1	99.2	100.6	102.0	104.3	106.6	107.1	108.0
57.5°	102.4	99.6	97.8	96.3	95.3	96.8	98.2	101.5	104.3	104.3	104.3
60°	100.1	97.8	94.9	93.5	92.1	93.5	95.3	98.7	101.5	101.0	100.6
62.5°	93.5	91.2	89.8	89.8	88.4	90.7	92.6	96.3	96.8	95.8	94.9
63°	91.6	89.8	88.8	88.8	87.9	90.2	92.1	95.3	95.3	94.4	93.5
65°	87.0	85.6	84.7	85.6	85.6	87.9	88.4	90.7	90.2	88.8	88.4
67.5°	83.3	82.3	81.4	81.4	81.4	81.9	82.3	83.3	82.8	82.3	82.8
70°	77.1	76.7	75.7	75.7	75.3	75.3	75.3	75.7	75.7	76.2	76.7
72.5°	69.7	68.7	68.7	69.2	68.3	68.7	69.2	68.7	69.7	69.7	70.1
75°	61.2	60.7	61.8	62.7	62.2	62.2	62.7	62.7	63.2	63.2	63.6
77.5°	54.7	55.2	55.6	56.6	57.0	57.0	57.0	56.6	57.0	57.0	57.5
80°	48.7	49.6	50.5	51.4	51.9	51.9	51.9	51.4	51.4	51.4	51.4
82.5°	44.0	45.4	46.3	46.8	46.8	46.8	46.8	46.8	46.8	45.9	44.9
85°	36.9	39.7	39.7	40.2	38.8	37.9	36.9	37.4	37.9	36.0	35.5
87.5°	18.7	18.7	19.6	20.6	21.0	21.0	23.8	22.4	22.0	21.5	20.6
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5
2.5°	498.4	498.0	498.9	498.0	498.4	498.9	498.0	499.4	500.3	498.9	497.5
5°	508.7	508.7	511.1	512.0	512.5	515.3	513.9	514.8	515.7	515.3	515.7
7.5°	515.3	517.1	519.5	521.9	522.3	524.7	524.2	525.6	526.5	528.8	528.8
10°	520.9	523.3	526.5	528.8	531.2	533.0	534.0	536.8	537.3	539.2	539.2
12.5°	526.0	528.8	532.1	535.9	538.2	542.0	542.4	546.6	548.0	548.5	547.1
15°	525.1	528.4	532.1	536.4	540.6	545.2	548.0	552.2	554.6	555.5	553.1
17.5°	516.2	519.1	523.7	529.3	534.4	540.6	545.7	551.7	555.5	556.5	556.0
20°	498.9	500.8	506.9	514.3	520.5	529.8	537.3	546.6	552.7	557.4	558.8
22.5°	464.7	469.5	475.5	484.0	492.8	504.6	515.3	528.8	542.0	553.1	564.4
25°	423.6	432.1	441.4	452.7	463.4	475.5	487.7	503.2	522.3	545.7	572.4
27.5°	382.0	396.6	408.2	422.7	435.4	447.4	461.0	477.9	498.9	527.0	561.1
30°	339.9	356.3	368.9	385.8	402.6	419.0	432.6	450.3	470.9	499.4	536.8
32.5°	295.1	311.4	326.4	341.8	360.6	380.2	396.6	418.5	440.5	470.0	507.8
35°	248.7	263.3	275.9	292.3	312.8	333.9	355.4	380.7	404.5	435.4	475.5
37.5°	208.6	218.8	231.0	245.5	261.4	283.8	308.2	338.0	365.2	398.9	440.0
40°	175.3	180.9	188.0	200.1	214.6	236.6	260.5	292.3	325.0	362.0	401.7
42.5°	149.7	152.5	154.3	162.2	174.0	195.4	218.3	249.2	285.2	325.5	365.7
45°	132.8	134.2	134.7	138.9	147.3	166.0	189.9	216.0	250.6	290.0	332.0
47.5°	124.8	126.2	127.2	128.1	133.3	147.7	169.3	194.0	225.9	261.9	304.8
50°	118.3	119.7	121.1	120.7	123.0	132.4	150.6	173.5	203.4	236.6	279.2
52.5°	111.7	112.7	112.7	112.7	114.0	120.2	133.3	154.3	181.9	213.2	255.4
55°	108.0	108.9	109.4	109.9	110.3	113.6	123.4	140.3	164.1	193.1	231.0
57.5°	104.3	104.7	105.7	106.1	107.1	108.9	115.1	127.2	147.3	171.6	203.4
60°	101.0	102.0	103.8	104.3	105.2	105.7	108.5	116.0	129.0	147.7	173.5
62.5°	95.8	97.3	99.2	99.6	100.6	101.0	101.5	105.7	111.7	123.0	142.1
63°	94.4	95.8	98.2	98.7	99.2	99.2	99.6	102.4	108.0	117.9	131.9
65°	89.3	91.2	92.6	93.0	93.5	93.5	93.0	94.0	94.4	98.7	107.1
67.5°	83.7	85.1	86.0	86.5	86.0	86.5	86.0	85.1	84.2	85.1	88.8
70°	78.0	79.0	79.0	79.5	80.0	80.5	79.5	78.5	77.6	77.1	79.5
72.5°	71.5	72.5	72.5	72.9	72.9	73.9	73.9	73.4	73.4	73.9	74.3
75°	65.0	66.0	65.5	66.4	66.4	67.8	67.8	68.3	69.2	68.7	68.3
77.5°	58.9	59.3	59.3	59.8	60.3	62.7	64.1	64.6	64.6	63.6	62.7
80°	52.4	52.4	51.4	51.0	51.4	53.8	56.6	57.0	58.4	58.0	58.4
82.5°	44.0	42.0	40.7	40.7	41.6	43.0	44.0	44.9	45.9	45.9	46.8
85°	33.7	31.8	30.4	30.9	32.3	32.7	32.3	32.3	34.1	35.5	34.1
87.5°	20.1	18.2	17.3	15.9	16.4	17.8	17.3	15.9	16.4	13.1	12.2
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):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5
2.5°	498.4	498.0	497.0	495.6	495.2	494.2	494.7	493.3	492.4	491.4	490.0
5°	515.7	515.7	512.9	512.9	511.5	511.1	507.8	506.4	503.6	504.6	501.3
7.5°	527.9	529.3	526.0	525.6	523.7	523.3	519.1	517.6	515.3	514.3	511.5
10°	536.8	536.8	532.6	529.3	527.0	524.7	520.5	518.6	516.7	517.1	515.3
12.5°	543.8	540.6	534.4	529.8	526.5	524.2	520.9	519.5	519.1	522.3	522.8
15°	549.4	544.7	537.3	534.0	531.2	530.7	530.7	532.1	535.4	541.5	546.1
17.5°	552.7	549.9	546.1	545.2	549.9	552.7	556.5	560.7	565.3	573.8	578.9
20°	558.8	560.7	563.4	567.2	574.7	581.7	586.3	592.5	598.1	608.4	616.7
22.5°	574.7	585.4	594.3	601.8	613.0	622.8	628.9	637.3	641.6	648.6	661.7
25°	595.3	617.2	635.9	651.8	669.1	679.4	687.8	698.6	705.1	716.8	728.5
27.5°	589.2	620.5	648.6	678.1	701.9	728.5	747.3	765.0	776.2	793.5	808.9
30°	570.4	607.9	645.8	684.6	722.4	760.7	796.3	828.6	853.4	878.1	903.4
32.5°	545.2	588.2	634.5	682.2	731.8	785.1	834.1	882.8	924.0	960.0	995.1
35°	516.2	564.8	613.0	671.9	733.2	801.0	869.2	936.6	999.3	1062.9	1105.9
37.5°	481.6	531.2	584.9	652.7	724.7	808.5	895.4	983.4	1072.2	1157.8	1232.1
40°	444.7	495.2	551.7	625.2	706.5	803.8	912.3	1030.6	1152.7	1276.6	1375.2
42.5°	411.9	463.8	525.6	599.9	688.3	797.7	925.9	1071.3	1220.4	1373.8	1518.7
45°	380.2	437.2	502.2	582.1	680.4	802.4	946.0	1109.1	1281.2	1467.4	1644.1
47.5°	351.6	409.6	472.7	560.2	668.7	804.7	965.6	1147.0	1338.7	1540.3	1750.2
50°	326.0	382.0	444.2	532.1	650.4	803.4	983.4	1181.1	1388.3	1597.8	1832.0
52.5°	300.7	357.7	421.3	505.0	628.0	795.4	991.7	1209.2	1434.1	1655.7	1898.0
55°	275.9	332.0	396.1	479.3	598.5	774.8	990.8	1227.4	1470.6	1710.4	1961.6
57.5°	246.9	300.2	362.9	450.8	567.2	743.0	976.8	1235.8	1502.0	1764.7	2037.8
60°	210.9	260.9	321.2	409.1	526.0	702.3	947.4	1231.2	1520.2	1804.9	2102.8
62.5°	166.4	210.0	265.1	351.2	474.6	643.9	892.2	1188.7	1491.2	1799.3	2133.1
63°	157.1	198.2	252.0	337.1	452.7	628.0	875.8	1171.8	1477.1	1787.6	2128.9
65°	126.2	152.9	195.9	272.1	378.8	549.9	794.4	1085.3	1401.9	1705.3	2068.2
67.5°	96.8	110.3	133.3	186.6	267.9	432.6	643.4	919.7	1216.7	1502.0	1872.3
70°	82.8	88.8	98.7	123.9	170.2	273.1	451.7	686.0	943.2	1190.5	1523.5
72.5°	75.3	78.0	83.3	94.0	116.9	163.6	288.0	446.5	641.6	848.7	1105.9
75°	69.2	71.5	75.7	81.4	89.8	108.9	164.1	273.1	417.1	557.4	746.2
77.5°	63.2	64.6	69.2	74.3	80.0	89.8	108.5	157.1	239.9	328.7	449.9
80°	58.0	57.0	60.3	68.7	74.3	80.0	85.6	102.0	136.6	180.0	243.2
82.5°	46.3	47.3	50.0	58.4	60.7	59.3	60.3	63.2	76.2	83.3	124.4
85°	31.3	29.0	28.6	29.5	29.5	28.1	28.1	27.6	30.4	34.6	59.3
87.5°	8.4	4.2	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°	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	490.5	0°
2.5°	489.1	488.7	489.1	486.8	486.8	486.3	485.9	484.9	484.9	483.1	484.5	2.5°
5°	498.4	497.5	495.6	492.8	491.4	489.6	489.6	487.7	486.3	484.5	484.9	5°
7.5°	509.2	509.7	506.4	504.1	503.2	501.3	501.8	498.9	499.4	498.0	497.0	7.5°
10°	515.3	515.3	516.2	515.7	516.7	516.7	518.0	516.2	515.3	513.9	513.9	10°
12.5°	525.1	527.0	530.7	530.7	533.5	534.4	534.9	535.9	534.0	533.0	529.8	12.5°
15°	549.4	554.1	557.4	562.0	567.6	569.5	569.5	567.6	566.7	565.3	559.3	15°
17.5°	589.7	599.9	602.7	610.2	611.2	613.5	620.0	616.3	614.0	604.1	602.2	17.5°
20°	630.8	643.9	656.9	666.3	671.0	680.4	681.8	679.9	670.5	661.2	656.9	20°
22.5°	680.4	700.0	715.0	729.5	736.5	741.1	751.4	749.1	741.6	727.5	722.0	22.5°
25°	750.5	774.8	790.7	808.5	817.9	822.5	832.7	832.7	824.8	820.7	820.2	25°
27.5°	838.9	868.7	895.0	901.0	925.4	931.0	940.8	940.8	933.3	928.2	952.9	27.5°
30°	937.0	968.4	1013.8	1044.1	1073.6	1102.6	1102.1	1104.0	1112.8	1117.6	1128.3	30°
32.5°	1035.3	1074.1	1122.2	1188.2	1251.3	1305.0	1374.7	1419.2	1405.6	1367.7	1352.8	32.5°
35°	1154.5	1197.5	1256.0	1322.3	1437.9	1507.5	1541.2	1565.0	1567.8	1573.0	1583.7	35°
37.5°	1287.3	1359.3	1427.1	1502.4	1566.4	1651.1	1729.1	1791.8	1806.3	1835.8	1819.0	37.5°
40°	1455.2	1535.5	1606.6	1703.9	1790.0	1891.9	2003.6	2089.7	2124.3	2113.0	2028.9	40°
42.5°	1631.0	1730.6	1813.8	1928.4	2040.1	2174.8	2290.2	2410.4	2431.9	2345.5	2219.6	42.5°
45°	1792.8	1916.2	2019.5	2138.8	2275.4	2436.7	2591.0	2714.4	2710.2	2562.0	2393.6	45°
47.5°	1938.2	2089.7	2215.9	2371.2	2518.0	2710.2	2887.4	2978.6	2924.9	2749.5	2543.3	47.5°
50°	2058.3	2247.3	2403.0	2560.1	2746.6	2978.2	3148.8	3200.2	3096.4	2905.6	2688.7	50°
52.5°	2155.2	2392.2	2567.1	2748.0	2983.7	3227.4	3374.2	3355.0	3220.8	3024.9	2808.9	52.5°
55°	2236.9	2503.1	2711.6	2925.3	3217.5	3442.0	3539.7	3488.3	3300.8	3102.1	2891.2	55°
57.5°	2321.6	2610.6	2844.4	3092.2	3417.7	3610.3	3664.6	3558.9	3338.6	3131.5	2926.7	57.5°
60°	2406.2	2700.4	2961.8	3238.1	3569.1	3747.7	3732.9	3574.8	3327.4	3110.0	2902.8	60°
62.5°	2463.3	2753.7	3030.1	3327.8	3682.8	3817.9	3726.3	3518.2	3262.4	3025.3	2831.7	62.5°
63°	2464.7	2755.6	3034.3	3334.0	3695.4	3820.3	3713.6	3498.1	3241.9	3008.0	2810.7	63°
65°	2435.3	2720.5	2996.9	3306.3	3684.7	3766.4	3604.7	3379.3	3124.5	2888.3	2701.3	65°
67.5°	2284.7	2575.6	2819.6	3111.4	3492.0	3515.4	3313.0	3131.0	2901.9	2657.3	2461.9	67.5°
70°	1981.2	2223.0	2462.3	2706.0	3025.3	3021.1	2830.8	2738.2	2537.6	2259.0	2102.3	70°
72.5°	1575.8	1792.8	1961.1	2124.3	2334.7	2292.2	2169.7	2195.4	2065.4	1857.3	1764.2	72.5°
75°	1170.0	1408.4	1490.7	1557.1	1646.0	1646.4	1680.1	1753.0	1751.2	1635.6	1518.2	75°
77.5°	767.4	1028.3	1055.8	1109.1	1215.7	1360.7	1510.3	1671.2	1711.4	1620.2	1446.7	77.5°
80°	427.8	699.1	667.3	713.1	828.1	1024.9	1245.7	1423.4	1528.1	1477.1	1293.4	80°
82.5°	218.8	403.1	385.3	448.9	542.0	713.1	859.0	995.5	1119.0	1111.9	1042.2	82.5°
85°	113.6	220.7	251.1	284.3	331.1	392.3	447.4	487.3	538.7	629.4	660.3	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.0	33.7	24.3	66.9	95.3	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°
490.5	490.5	490.5	490.5	490.5	490.5	490.5
484.9	485.4	484.5	484.5	484.9	484.9	484.0
484.0	484.0	483.1	482.0	481.1	481.1	480.2
494.7	494.7	491.4	490.0	487.7	485.9	484.9
510.6	507.8	504.1	501.3	497.5	493.3	491.0
526.5	522.3	517.6	513.4	508.7	504.1	501.8
552.7	547.1	541.0	535.9	529.3	522.3	519.5
592.9	584.0	576.1	568.6	556.9	551.7	546.1
646.2	633.1	622.8	610.2	595.7	591.1	584.0
710.7	699.5	679.0	669.6	655.1	648.1	649.5
808.9	794.4	770.6	761.7	760.3	744.8	737.4
937.0	938.0	916.0	892.2	879.1	854.8	823.9
1119.4	1106.8	1081.1	1056.8	1025.9	980.1	928.7
1340.1	1312.1	1269.5	1224.2	1169.5	1098.9	1026.8
1555.7	1506.6	1438.8	1363.1	1284.0	1196.1	1094.1
1745.0	1668.8	1567.4	1480.4	1368.7	1258.8	1134.4
1918.1	1823.6	1692.7	1580.0	1448.1	1306.9	1159.6
2085.5	1965.8	1805.4	1652.9	1503.8	1339.2	1171.8
2244.9	2090.6	1900.3	1718.9	1544.5	1360.2	1173.7
2367.5	2199.1	1985.4	1766.6	1572.6	1376.1	1173.7
2481.0	2290.7	2050.4	1804.0	1598.7	1386.9	1174.6
2569.4	2355.3	2092.5	1830.6	1619.3	1394.8	1178.8
2633.5	2397.3	2120.6	1847.0	1634.2	1406.1	1188.2
2678.3	2424.9	2136.0	1861.5	1652.5	1425.7	1214.3
2699.9	2475.9	2161.7	1890.5	1683.8	1467.4	1266.7
2683.6	2554.9	2235.1	1939.5	1727.3	1532.3	1350.4
2676.5	2569.4	2255.2	1950.3	1737.1	1546.3	1379.5
2621.8	2583.9	2338.0	2004.6	1783.9	1608.6	1460.3
2452.1	2526.9	2407.6	2096.2	1884.4	1759.5	1611.4
2232.3	2442.2	2395.0	2107.9	1948.5	1883.5	1706.7
1969.0	2186.4	2142.5	1952.2	1877.9	1884.8	1682.0
1549.6	1712.8	1683.8	1616.9	1631.9	1683.4	1440.7
1241.5	1219.4	1152.7	1157.3	1243.8	1304.1	1037.1
1014.2	821.1	734.1	736.5	887.5	950.1	660.7
965.1	776.7	632.7	552.7	645.8	621.9	345.1
687.4	688.7	571.4	464.3	449.9	382.5	215.1
162.7	130.4	93.0	69.2	72.9	48.2	24.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)