

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: P181068

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181068
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
Description: ICON SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5176.7 lumens
Efficiency: N/A
Efficacy: 99.4 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

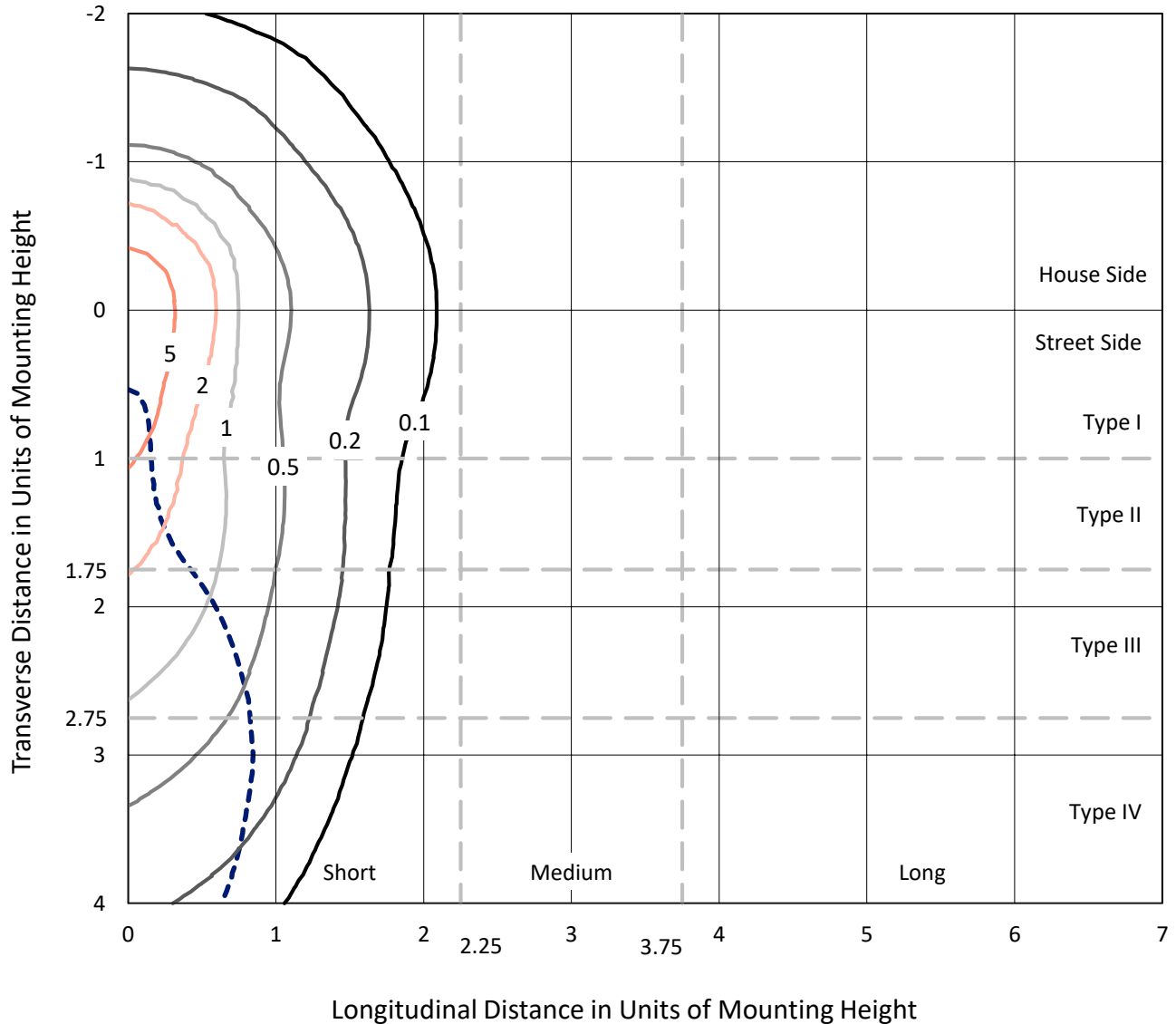
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

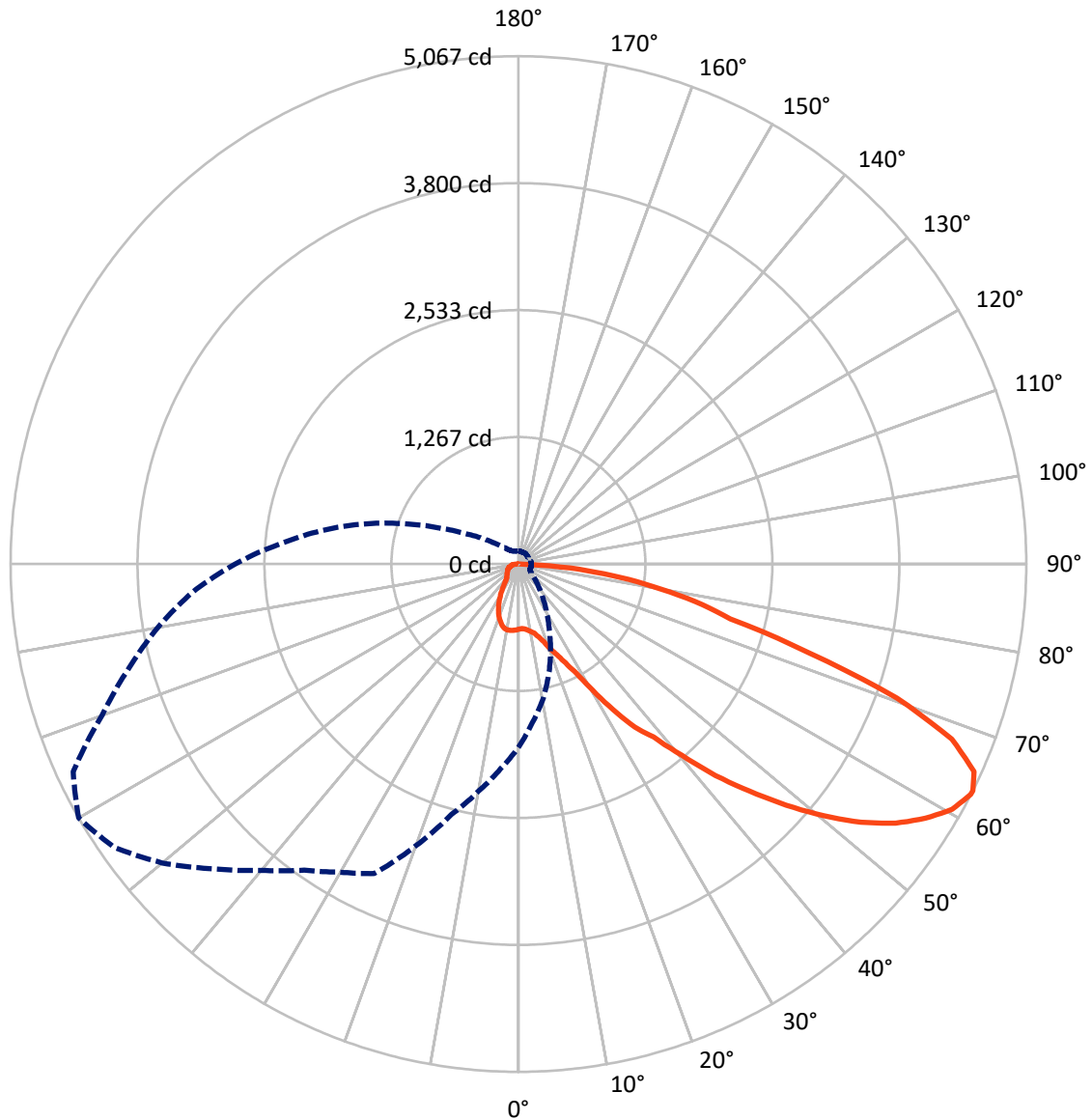
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 8.1 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	1122.5	0.0	1122.5
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	4054.1	0.0	4054.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	5176.7	0.0	5176.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.3	1.2
10°-20°	197.2	3.8
20°-30°	350.4	6.8
30°-40°	551.8	10.7
40°-50°	812.0	15.7
50°-60°	1078.6	20.8
60°-70°	1188.1	23.0
70°-80°	745.4	14.4
80°-90°	189.9	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°	5176.7	100.0
0°-180°	5176.7	100.0



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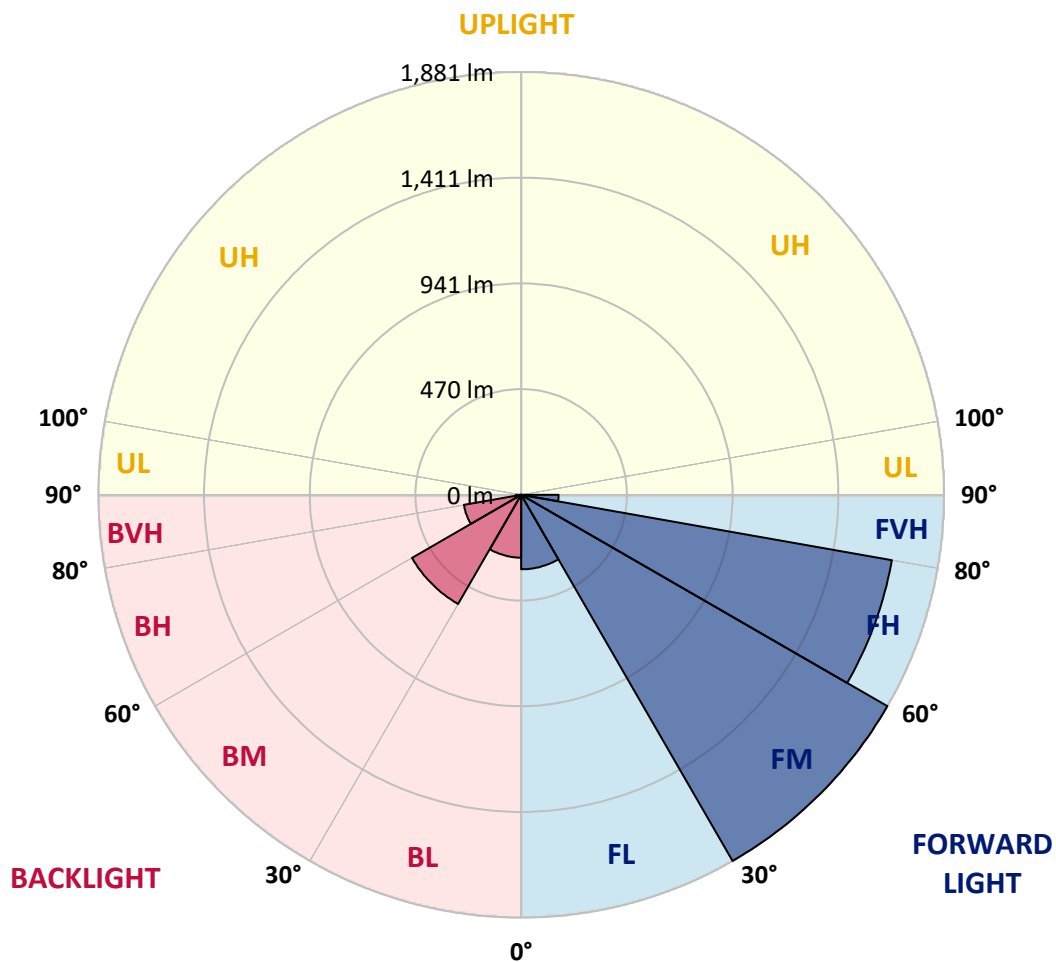
CATALOG NUMBER: ICM-E02-LED-E1-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	331.5	6.4			
FM	(30°-60°)	1881.3	36.3			
FH	(60°-80°)	1674.7	32.4			G1/1800
FVH	(80°-90°)	166.6	3.2			G2/225
BL	(0°-30°)	279.5	5.4	B1/500		
BM	(30°-60°)	561.1	10.8	B1/1000		
BH	(60°-80°)	258.8	5.0	B1/500		G1/500
BVH	(80°-90°)	23.2	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°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5
2.5°	641.9	643.7	643.1	643.1	644.4	643.7	643.7	644.4	644.4	646.2	648.7
5°	636.9	636.3	635.1	636.3	636.3	636.3	633.8	635.6	636.3	637.5	637.5
7.5°	643.1	641.2	638.8	639.4	639.4	638.1	636.3	636.9	636.3	636.3	635.6
10°	651.2	646.8	643.7	643.7	643.7	642.5	639.4	641.2	641.2	640.7	641.2
12.5°	665.4	660.5	656.7	655.5	655.5	653.7	651.2	653.7	652.4	652.4	651.2
15°	689.0	683.4	679.1	675.4	676.0	676.0	672.8	671.0	668.6	665.4	659.3
17.5°	724.4	718.1	712.6	709.5	710.1	705.8	697.0	688.4	676.6	664.8	651.8
20°	774.6	772.7	765.3	762.1	754.7	744.2	720.0	699.5	676.6	654.2	631.9
22.5°	861.4	852.7	845.3	833.5	808.7	779.5	739.3	703.3	667.3	635.6	605.9
25°	978.0	962.5	925.9	890.0	839.1	787.0	732.4	685.9	641.2	599.7	563.1
27.5°	1092.8	1045.6	980.5	915.4	840.9	772.7	704.5	649.3	597.2	551.9	511.6
30°	1231.6	1152.3	1052.4	949.5	844.0	752.3	670.4	605.9	545.8	498.0	455.8
32.5°	1361.9	1247.2	1116.3	981.1	850.9	733.0	631.4	558.1	496.1	436.0	394.4
35°	1451.2	1302.3	1143.5	984.2	834.1	696.5	582.3	496.1	434.1	378.3	329.3
37.5°	1504.5	1326.5	1144.8	961.9	795.1	646.8	520.3	434.7	377.7	324.4	285.9
40°	1538.0	1332.1	1128.7	929.6	745.4	584.2	458.3	381.4	329.3	286.5	256.7
42.5°	1554.1	1323.4	1102.6	888.7	695.2	528.4	414.9	342.3	297.0	266.7	244.4
45°	1556.6	1307.9	1074.7	851.4	650.5	488.1	385.1	326.2	289.0	263.5	241.2
47.5°	1556.6	1294.2	1052.4	824.2	621.4	470.7	382.6	333.0	296.5	267.9	241.2
50°	1557.9	1290.0	1043.1	810.5	611.4	480.0	403.7	354.1	312.6	275.4	240.7
52.5°	1563.5	1295.5	1050.5	821.1	629.5	517.2	443.4	385.8	333.7	284.0	240.7
55°	1575.8	1314.1	1082.1	857.7	677.9	573.7	491.2	419.8	350.4	287.7	236.9
57.5°	1610.5	1361.2	1139.8	928.4	760.3	638.8	534.6	444.0	356.6	284.7	229.5
60°	1680.0	1454.9	1238.4	1027.6	847.7	694.6	560.0	447.7	351.0	274.7	217.7
62.5°	1791.0	1562.1	1358.1	1135.5	925.3	725.6	563.1	438.4	336.1	256.7	200.3
63°	1829.5	1588.8	1383.5	1156.0	935.2	728.1	560.7	434.7	332.4	251.8	197.9
65°	1936.8	1701.1	1471.6	1227.9	963.1	728.7	547.0	416.1	315.1	232.6	180.5
67.5°	2137.0	1848.7	1582.6	1284.4	973.0	708.8	512.3	381.4	278.4	202.8	158.8
70°	2263.5	1931.2	1625.4	1285.6	943.9	652.4	452.1	324.9	231.9	168.1	136.5
72.5°	2230.7	1850.0	1512.6	1169.6	818.0	545.1	363.4	255.5	181.1	134.6	113.5
75°	1910.7	1539.8	1234.1	906.1	618.3	400.7	266.0	182.3	134.0	105.4	94.9
77.5°	1375.5	1108.2	884.9	645.6	416.7	259.3	176.7	130.2	101.7	86.8	78.1
80°	876.3	650.0	541.4	388.2	243.7	160.7	121.6	98.6	83.7	72.6	67.0
82.5°	457.7	320.7	260.5	198.4	135.2	106.0	89.3	80.7	68.8	60.2	57.0
85°	285.3	189.1	140.2	98.0	67.6	60.7	55.8	54.6	49.0	43.4	41.6
87.5°	32.3	29.1	30.4	19.3	14.2	15.5	14.9	19.8	19.3	14.2	14.9
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5
2.5°	646.2	647.4	647.4	649.3	649.3	650.5	651.8	651.8	653.0	653.7	654.9
5°	638.8	638.8	638.8	641.2	641.9	645.6	646.8	648.1	649.3	653.7	656.1
7.5°	636.9	634.4	635.6	635.6	637.5	640.7	643.7	645.6	647.4	653.0	656.7
10°	640.7	638.8	636.9	636.9	637.5	638.8	641.2	643.1	644.4	650.0	653.0
12.5°	650.5	646.2	642.5	639.4	636.9	636.3	635.1	635.6	636.9	640.0	644.4
15°	652.4	644.4	636.3	628.2	622.1	618.3	615.2	614.0	614.0	615.8	620.7
17.5°	640.0	626.3	614.6	604.0	597.2	590.4	587.3	584.8	583.5	586.1	586.7
20°	613.3	597.2	581.1	568.7	556.3	554.4	549.5	550.7	551.9	555.6	557.5
22.5°	576.7	557.5	537.7	524.7	514.7	506.0	500.5	503.0	504.8	508.6	510.4
25°	532.1	504.2	483.1	470.0	459.5	452.1	445.9	448.4	445.9	450.2	457.0
27.5°	479.4	446.5	424.2	409.3	401.9	395.6	389.5	389.5	395.6	395.6	401.2
30°	415.5	391.4	362.1	346.7	337.4	333.7	333.0	331.8	336.1	338.6	344.8
32.5°	355.4	325.6	297.7	282.8	274.7	270.4	271.0	271.6	273.5	277.2	287.2
35°	294.6	268.6	248.7	231.9	223.9	215.8	215.8	214.6	216.5	220.7	232.6
37.5°	255.5	232.6	217.0	204.0	196.0	191.0	186.7	184.8	184.8	186.7	191.0
40°	233.8	217.0	202.8	191.6	184.2	179.8	177.4	175.5	174.2	174.2	174.9
42.5°	223.9	206.5	192.3	182.3	176.7	174.2	173.7	173.0	171.2	170.5	170.0
45°	218.9	199.1	183.0	174.9	170.5	169.3	170.0	170.0	169.3	168.1	165.6
47.5°	215.2	192.3	176.1	168.7	166.8	166.8	166.8	166.8	166.2	165.6	163.7
50°	209.0	181.7	164.4	158.8	157.5	157.5	158.1	158.1	159.3	158.1	156.9
52.5°	202.1	171.8	154.4	149.5	148.8	148.2	148.2	148.2	148.8	148.8	148.2
55°	194.7	164.4	149.5	145.8	146.3	145.8	145.1	144.5	144.5	143.9	142.6
57.5°	187.3	158.1	145.8	143.3	143.9	143.9	142.6	141.4	140.7	138.9	137.7
60°	176.1	149.5	138.3	137.0	138.9	138.9	138.9	138.3	138.3	137.7	134.6
62.5°	161.2	137.0	128.4	129.0	129.6	130.9	130.9	130.9	130.9	129.6	126.5
63°	158.1	134.6	126.5	126.5	128.4	128.4	129.0	128.4	129.0	127.7	124.0
65°	145.8	126.5	120.3	120.9	122.1	122.1	122.1	121.6	121.6	119.7	117.9
67.5°	131.4	116.6	112.8	113.5	114.1	115.3	114.7	114.7	115.3	114.1	112.3
70°	115.3	106.0	103.5	104.2	104.8	104.8	104.2	104.2	104.8	103.5	101.7
72.5°	103.0	99.3	97.4	97.4	96.1	96.1	94.9	94.2	93.7	93.7	91.8
75°	86.8	86.2	86.8	88.1	86.8	85.6	84.9	83.1	81.9	81.9	81.2
77.5°	74.4	74.4	75.6	77.5	78.1	78.1	76.3	73.2	72.6	72.6	72.6
80°	64.5	63.3	63.3	65.1	67.0	66.3	63.3	60.2	60.2	63.3	63.9
82.5°	56.5	56.5	54.6	55.2	54.6	54.0	50.9	49.0	48.4	50.9	53.3
85°	44.7	45.3	44.7	44.0	43.4	41.6	39.1	37.2	36.6	39.1	42.8
87.5°	18.0	17.4	16.7	17.4	16.7	18.0	17.4	16.1	15.5	17.4	21.1
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5
2.5°	655.5	656.7	658.0	658.0	659.3	658.6	659.3	659.8	659.8	660.5	660.5
5°	659.3	661.1	663.5	666.1	666.7	668.6	670.4	669.1	671.0	673.5	673.5
7.5°	660.5	664.8	666.7	670.4	671.0	673.5	677.9	674.7	678.4	680.3	680.9
10°	658.6	663.0	666.1	670.4	672.3	676.6	680.9	679.7	684.0	687.2	687.7
12.5°	647.4	651.8	658.6	664.8	669.8	676.6	684.7	682.1	688.4	692.1	694.0
15°	625.8	630.1	637.5	647.4	656.7	667.3	677.9	679.7	685.9	690.2	692.1
17.5°	591.6	597.2	605.3	615.8	627.6	645.6	659.3	666.1	674.7	677.2	680.3
20°	560.0	565.6	570.5	576.7	585.4	602.8	620.7	634.4	645.6	654.9	657.4
22.5°	517.9	522.8	529.0	534.0	540.2	552.6	567.4	583.0	600.3	605.9	612.1
25°	467.0	470.0	478.8	481.9	486.2	496.7	508.6	519.7	536.5	548.2	551.4
27.5°	412.4	415.5	423.5	425.4	431.0	440.9	449.6	454.0	469.5	481.9	491.8
30°	349.1	357.2	367.2	368.4	374.6	380.7	388.8	393.2	407.4	420.5	432.8
32.5°	294.6	302.6	310.7	315.6	318.8	323.7	331.8	336.1	349.8	361.6	374.0
35°	238.8	248.7	257.4	264.2	266.7	272.8	279.1	283.4	297.7	308.2	316.9
37.5°	196.6	204.0	213.3	220.2	227.0	231.4	238.8	244.9	253.7	259.3	268.6
40°	176.1	179.8	184.8	190.4	196.0	200.9	206.5	211.4	217.0	224.5	230.7
42.5°	169.3	170.0	170.0	171.8	174.9	177.4	182.3	186.0	189.8	195.4	198.4
45°	164.4	163.7	162.5	161.2	161.9	163.1	166.2	168.7	173.0	175.5	176.1
47.5°	161.9	159.3	156.9	155.1	154.4	155.1	157.5	160.0	162.5	164.4	164.9
50°	153.8	151.9	148.2	145.8	144.5	145.8	148.8	150.0	152.6	154.4	155.1
52.5°	145.8	143.3	140.7	138.3	138.3	138.9	141.4	143.9	146.3	147.0	148.2
55°	140.7	137.0	134.6	132.7	131.4	133.3	135.2	138.3	141.4	142.0	143.3
57.5°	135.8	132.1	129.6	127.7	126.5	128.4	130.2	134.6	138.3	138.3	138.3
60°	132.7	129.6	125.9	124.0	122.1	124.0	126.5	130.9	134.6	134.0	133.3
62.5°	124.0	120.9	119.1	119.1	117.2	120.3	122.8	127.7	128.4	127.2	125.9
63°	121.6	119.1	117.9	117.9	116.6	119.7	122.1	126.5	126.5	125.3	124.0
65°	115.3	113.5	112.3	113.5	113.5	116.6	117.2	120.3	119.7	117.9	117.2
67.5°	110.4	109.1	107.9	107.9	107.9	108.6	109.1	110.4	109.8	109.1	109.8
70°	102.3	101.7	100.5	100.5	99.8	99.8	99.8	100.5	100.5	101.1	101.7
72.5°	92.4	91.2	91.2	91.8	90.5	91.2	91.8	91.2	92.4	92.4	93.0
75°	81.2	80.7	81.9	83.1	82.5	82.5	83.1	83.1	83.7	83.7	84.4
77.5°	72.6	73.2	73.8	75.1	75.6	75.6	75.6	75.1	75.6	75.6	76.3
80°	64.5	65.8	67.0	68.2	68.8	68.8	68.8	68.2	68.2	68.2	68.2
82.5°	58.3	60.2	61.4	62.0	62.0	62.0	62.0	62.0	62.0	60.7	59.5
85°	49.0	52.7	52.7	53.3	51.4	50.2	49.0	49.6	50.2	47.7	47.2
87.5°	24.8	24.8	26.0	27.3	27.9	27.9	31.6	29.8	29.1	28.6	27.3
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):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5
2.5°	661.1	660.5	661.7	660.5	661.1	661.7	660.5	662.3	663.5	661.7	659.8
5°	674.7	674.7	677.9	679.1	679.7	683.4	681.6	682.8	684.0	683.4	684.0
7.5°	683.4	685.9	689.0	692.1	692.7	695.8	695.2	697.0	698.3	701.4	701.4
10°	690.9	694.0	698.3	701.4	704.5	707.0	708.2	711.9	712.6	715.1	715.1
12.5°	697.7	701.4	705.8	710.7	713.8	718.8	719.4	724.9	726.8	727.4	725.6
15°	696.5	700.7	705.8	711.4	716.9	723.1	726.8	732.4	735.5	736.7	733.7
17.5°	684.7	688.4	694.6	702.1	708.8	716.9	723.7	731.8	736.7	738.0	737.4
20°	661.7	664.2	672.3	682.1	690.2	702.6	712.6	724.9	733.0	739.3	741.1
22.5°	616.5	622.6	630.7	641.9	653.7	669.1	683.4	701.4	718.8	733.7	748.6
25°	561.9	573.0	585.4	600.3	614.6	630.7	646.8	667.3	692.7	723.7	759.1
27.5°	506.7	525.9	541.4	560.7	577.4	593.5	611.4	633.8	661.7	698.9	744.2
30°	450.9	472.6	489.3	511.6	534.0	555.6	573.7	597.2	624.5	662.3	711.9
32.5°	391.4	413.0	432.8	453.3	478.1	504.2	525.9	555.1	584.2	623.3	673.5
35°	330.0	349.1	365.9	387.6	414.9	442.8	471.4	504.8	536.5	577.4	630.7
37.5°	276.6	290.2	306.3	325.6	346.7	376.5	408.7	448.4	484.4	529.0	583.5
40°	232.6	240.0	249.3	265.4	284.7	313.8	345.4	387.6	431.0	480.0	532.7
42.5°	198.4	202.1	204.7	215.2	230.7	259.3	289.6	330.5	378.3	431.6	484.9
45°	176.1	178.0	178.6	184.2	195.4	220.2	251.8	286.5	332.4	384.5	440.3
47.5°	165.6	167.4	168.7	170.0	176.7	196.0	224.5	257.4	299.5	347.3	404.4
50°	156.9	158.8	160.7	160.0	163.1	175.5	199.7	230.0	269.8	313.8	370.2
52.5°	148.2	149.5	149.5	149.5	151.3	159.3	176.7	204.7	241.2	282.8	338.6
55°	143.3	144.5	145.1	145.8	146.3	150.7	163.7	186.0	217.7	256.1	306.3
57.5°	138.3	138.9	140.2	140.7	142.0	144.5	152.6	168.7	195.4	227.6	269.8
60°	134.0	135.2	137.7	138.3	139.5	140.2	143.9	153.8	171.2	196.0	230.0
62.5°	127.2	129.0	131.4	132.1	133.3	134.0	134.6	140.2	148.2	163.1	188.6
63°	125.3	127.2	130.2	130.9	131.4	131.4	132.1	135.8	143.3	156.3	174.9
65°	118.4	120.9	122.8	123.4	124.0	124.0	123.4	124.7	125.3	130.9	142.0
67.5°	111.0	112.8	114.1	114.7	114.1	114.7	114.1	112.8	111.6	112.8	117.9
70°	103.5	104.8	104.8	105.4	106.0	106.7	105.4	104.2	103.0	102.3	105.4
72.5°	94.9	96.1	96.1	96.7	96.7	98.0	98.0	97.4	97.4	98.0	98.6
75°	86.2	87.4	86.8	88.1	88.1	90.0	90.0	90.5	91.8	91.2	90.5
77.5°	78.1	78.8	78.8	79.3	80.0	83.1	84.9	85.6	85.6	84.4	83.1
80°	69.5	69.5	68.2	67.6	68.2	71.3	75.1	75.6	77.5	76.9	77.5
82.5°	58.3	55.8	54.0	54.0	55.2	57.0	58.3	59.5	60.7	60.7	62.0
85°	44.7	42.1	40.3	40.9	42.8	43.4	42.8	42.8	45.3	47.2	45.3
87.5°	26.7	24.2	23.0	21.1	21.7	23.5	23.0	21.1	21.7	17.4	16.1
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°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5
2.5°	661.1	660.5	659.3	657.4	656.7	655.5	656.1	654.2	653.0	651.8	650.0
5°	684.0	684.0	680.3	680.3	678.4	677.9	673.5	671.6	667.9	669.1	664.8
7.5°	700.2	702.1	697.7	697.0	694.6	694.0	688.4	686.5	683.4	682.1	678.4
10°	711.9	711.9	706.3	702.1	698.9	695.8	690.2	687.7	685.3	685.9	683.4
12.5°	721.2	716.9	708.8	702.6	698.3	695.2	690.9	689.0	688.4	692.7	693.3
15°	728.7	722.5	712.6	708.2	704.5	703.9	703.9	705.8	710.1	718.1	724.4
17.5°	733.0	729.3	724.4	723.1	729.3	733.0	738.0	743.5	749.8	760.9	767.7
20°	741.1	743.5	747.3	752.3	762.1	771.4	777.7	785.8	793.2	806.8	818.0
22.5°	762.1	776.5	788.2	798.1	813.0	826.1	834.1	845.3	850.9	860.2	877.5
25°	789.5	818.6	843.4	864.5	887.4	901.1	912.3	926.5	935.2	950.7	966.2
27.5°	781.4	823.0	860.2	899.3	930.9	966.2	991.0	1014.6	1029.5	1052.4	1072.8
30°	756.6	806.2	856.5	907.9	958.1	1009.0	1056.1	1098.9	1131.8	1164.7	1198.1
32.5°	723.1	780.2	841.6	904.8	970.5	1041.2	1106.3	1170.9	1225.4	1273.2	1319.7
35°	684.7	749.1	813.0	891.2	972.4	1062.3	1152.8	1242.1	1325.3	1409.6	1466.7
37.5°	638.8	704.5	775.8	865.8	961.2	1072.3	1187.6	1304.2	1422.1	1535.5	1634.1
40°	589.8	656.7	731.8	829.1	937.0	1066.1	1210.0	1366.8	1528.7	1693.0	1823.9
42.5°	546.3	615.2	697.0	795.6	912.8	1058.0	1227.9	1420.8	1618.6	1822.1	2014.2
45°	504.2	579.8	666.1	772.1	902.3	1064.2	1254.6	1471.0	1699.3	1946.1	2180.5
47.5°	466.3	543.3	627.0	743.0	886.8	1067.3	1280.7	1521.2	1775.5	2042.8	2321.2
50°	432.3	506.7	589.1	705.8	862.6	1065.4	1304.2	1566.5	1841.2	2119.1	2429.8
52.5°	398.8	474.4	558.8	669.8	832.8	1054.9	1315.4	1603.7	1902.1	2196.0	2517.2
55°	365.9	440.3	525.3	635.6	793.8	1027.6	1314.1	1627.9	1950.4	2268.6	2601.6
57.5°	327.4	398.1	481.2	597.9	752.3	985.4	1295.5	1639.1	1991.9	2340.5	2702.6
60°	279.7	346.0	426.0	542.6	697.7	931.4	1256.5	1632.8	2016.1	2393.8	2788.9
62.5°	220.7	278.4	351.6	465.8	629.5	854.0	1183.3	1576.5	1977.7	2386.3	2829.1
63°	208.4	263.0	334.2	447.2	600.3	832.8	1161.6	1554.1	1959.1	2370.9	2823.6
65°	167.4	202.8	259.8	360.9	502.3	729.3	1053.7	1439.4	1859.3	2261.7	2743.0
67.5°	128.4	146.3	176.7	247.4	355.4	573.7	853.3	1219.8	1613.7	1991.9	2483.1
70°	109.8	117.9	130.9	164.4	225.8	362.1	599.1	909.8	1250.9	1578.9	2020.5
72.5°	99.8	103.5	110.4	124.7	155.1	217.0	382.0	592.3	850.9	1125.6	1466.7
75°	91.8	94.9	100.5	107.9	119.1	144.5	217.7	362.1	553.2	739.3	989.8
77.5°	83.7	85.6	91.8	98.6	106.0	119.1	143.9	208.4	318.1	436.0	596.6
80°	76.9	75.6	80.0	91.2	98.6	106.0	113.5	135.2	181.1	238.8	322.5
82.5°	61.4	62.6	66.3	77.5	80.7	78.8	80.0	83.7	101.1	110.4	164.9
85°	41.6	38.4	37.9	39.1	39.1	37.2	37.2	36.6	40.3	45.9	78.8
87.5°	11.2	5.6	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°	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	650.5	0°
2.5°	648.7	648.1	648.7	645.6	645.6	644.9	644.4	643.1	643.1	640.7	642.5	2.5°
5°	661.1	659.8	657.4	653.7	651.8	649.3	649.3	646.8	644.9	642.5	643.1	5°
7.5°	675.4	676.0	671.6	668.6	667.3	664.8	665.4	661.7	662.3	660.5	659.3	7.5°
10°	683.4	683.4	684.7	684.0	685.3	685.3	687.2	684.7	683.4	681.6	681.6	10°
12.5°	696.5	698.9	703.9	703.9	707.6	708.8	709.5	710.7	708.2	707.0	702.6	12.5°
15°	728.7	734.9	739.3	745.4	752.8	755.4	755.4	752.8	751.6	749.8	741.7	15°
17.5°	782.1	795.6	799.4	809.3	810.5	813.7	822.3	817.4	814.2	801.2	798.8	17.5°
20°	836.6	854.0	871.4	883.7	890.0	902.3	904.2	901.7	889.3	876.9	871.4	20°
22.5°	902.3	928.4	948.2	967.4	976.8	983.0	996.6	993.5	983.5	964.9	957.5	22.5°
25°	995.4	1027.6	1048.7	1072.3	1084.7	1090.9	1104.5	1104.5	1094.0	1088.4	1087.7	25°
27.5°	1112.6	1152.3	1187.0	1195.1	1227.3	1234.7	1247.7	1247.7	1237.9	1231.0	1263.9	27.5°
30°	1242.8	1284.4	1344.5	1384.8	1423.9	1462.3	1461.7	1464.2	1476.0	1482.1	1496.5	30°
32.5°	1373.0	1424.5	1488.4	1575.8	1659.5	1730.9	1823.3	1882.2	1864.2	1814.0	1794.2	32.5°
35°	1531.2	1588.2	1665.8	1753.8	1907.0	1999.4	2044.0	2075.6	2079.4	2086.2	2100.5	35°
37.5°	1707.3	1802.8	1892.8	1992.6	2077.5	2189.8	2293.3	2376.5	2395.6	2434.7	2412.4	37.5°
40°	1930.0	2036.6	2130.9	2259.8	2374.0	2509.1	2657.4	2771.5	2817.4	2802.5	2690.9	40°
42.5°	2163.1	2295.2	2405.6	2557.5	2705.8	2884.4	3037.5	3196.9	3225.4	3110.7	2943.9	42.5°
45°	2377.7	2541.4	2678.4	2836.6	3017.7	3231.6	3436.3	3600.0	3594.4	3397.9	3174.6	45°
47.5°	2570.5	2771.5	2938.9	3144.9	3339.6	3594.4	3829.5	3950.4	3879.1	3646.5	3373.0	47.5°
50°	2730.0	2980.5	3187.0	3395.4	3642.8	3949.8	4176.1	4244.4	4106.7	3853.7	3565.9	50°
52.5°	2858.3	3172.8	3404.7	3644.7	3957.2	4280.3	4475.1	4449.6	4271.7	4011.8	3725.3	52.5°
55°	2966.8	3319.7	3596.3	3879.7	4267.3	4565.0	4694.6	4626.4	4377.7	4114.2	3834.4	55°
57.5°	3079.1	3462.3	3772.4	4101.1	4532.8	4788.2	4860.2	4720.0	4427.9	4153.2	3881.6	57.5°
60°	3191.4	3581.4	3928.1	4294.6	4733.7	4970.5	4950.7	4741.1	4413.1	4124.7	3850.0	60°
62.5°	3267.0	3652.1	4018.6	4413.7	4884.4	5063.6	4942.1	4666.1	4326.8	4012.4	3755.7	62.5°
63°	3268.9	3654.6	4024.2	4421.7	4901.1	5066.7	4925.3	4639.4	4299.6	3989.5	3727.7	63°
65°	3229.8	3608.1	3974.6	4385.1	4886.8	4995.4	4780.8	4481.9	4143.9	3830.7	3582.6	65°
67.5°	3030.1	3415.8	3739.6	4126.5	4631.4	4662.4	4393.8	4152.6	3848.7	3524.4	3265.1	67.5°
70°	2627.6	2948.2	3265.8	3588.9	4012.4	4006.8	3754.4	3631.7	3365.6	2996.0	2788.2	70°
72.5°	2090.0	2377.7	2600.9	2817.4	3096.5	3040.0	2877.5	2911.6	2739.3	2463.3	2339.8	72.5°
75°	1551.6	1867.9	1977.0	2065.1	2183.0	2183.5	2228.2	2324.9	2322.5	2169.3	2013.7	75°
77.5°	1017.7	1363.7	1400.3	1471.0	1612.4	1804.7	2003.1	2216.5	2269.8	2148.9	1918.8	77.5°
80°	567.4	927.2	884.9	945.8	1098.3	1359.4	1652.1	1887.7	2026.7	1959.1	1715.4	80°
82.5°	290.2	534.6	511.0	595.4	718.8	945.8	1139.3	1320.3	1484.0	1474.7	1382.3	82.5°
85°	150.7	292.7	333.0	377.0	439.1	520.3	593.5	646.2	714.4	834.7	875.6	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	0.0	44.7	32.3	88.7	126.5	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°
650.5	650.5	650.5	650.5	650.5	650.5	650.5
643.1	643.7	642.5	642.5	643.1	643.1	641.9
641.9	641.9	640.7	639.4	638.1	638.1	636.9
656.1	656.1	651.8	650.0	646.8	644.4	643.1
677.2	673.5	668.6	664.8	659.8	654.2	651.2
698.3	692.7	686.5	680.9	674.7	668.6	665.4
733.0	725.6	717.5	710.7	702.1	692.7	689.0
786.3	774.6	764.0	754.1	738.6	731.8	724.4
857.0	839.7	826.1	809.3	790.1	783.9	774.6
942.6	927.7	900.5	888.1	868.8	859.5	861.4
1072.8	1053.7	1022.1	1010.2	1008.4	987.9	978.0
1242.8	1244.0	1214.9	1183.3	1165.9	1133.7	1092.8
1484.7	1467.9	1433.8	1401.6	1360.7	1299.8	1231.6
1777.4	1740.2	1683.7	1623.5	1551.0	1457.4	1361.9
2063.3	1998.2	1908.2	1807.7	1703.0	1586.3	1451.2
2314.4	2213.3	2078.8	1963.5	1815.2	1669.5	1504.5
2543.9	2418.6	2244.9	2095.5	1920.7	1733.3	1538.0
2765.9	2607.2	2394.4	2192.3	1994.4	1776.1	1554.1
2977.4	2772.8	2520.3	2279.7	2048.4	1804.0	1556.6
3139.8	2916.6	2633.2	2343.0	2085.6	1825.1	1556.6
3290.5	3038.2	2719.4	2392.6	2120.3	1839.4	1557.9
3407.7	3123.7	2775.2	2427.9	2147.6	1850.0	1563.5
3492.8	3179.6	2812.4	2449.6	2167.5	1864.8	1575.8
3552.3	3216.1	2832.9	2468.9	2191.6	1890.9	1610.5
3580.8	3283.7	2867.0	2507.3	2233.2	1946.1	1680.0
3559.1	3388.6	2964.4	2572.4	2290.9	2032.3	1791.0
3549.8	3407.7	2991.0	2586.7	2303.9	2050.9	1829.5
3477.2	3427.0	3100.8	2658.6	2365.9	2133.3	1936.8
3252.1	3351.4	3193.2	2780.2	2499.3	2333.7	2137.0
2960.7	3239.1	3176.5	2795.6	2584.2	2498.0	2263.5
2611.5	2899.8	2841.6	2589.1	2490.5	2499.8	2230.7
2055.2	2271.6	2233.2	2144.5	2164.4	2232.6	1910.7
1646.5	1617.4	1528.7	1534.9	1649.6	1729.6	1375.5
1345.1	1089.0	973.7	976.8	1177.0	1260.2	876.3
1280.0	1030.1	839.1	733.0	856.5	824.8	457.7
911.6	913.5	757.9	615.8	596.6	507.3	285.3
215.8	173.0	123.4	91.8	96.7	63.9	32.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)