

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: P181136

Luminaire Tested: **ICS-E03-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181136
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: ICS-E03-LED-E1-SLR-8030
Description: ICON SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (63) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6340.9 lumens
Efficiency: N/A
Efficacy: 84.3 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 75.2
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

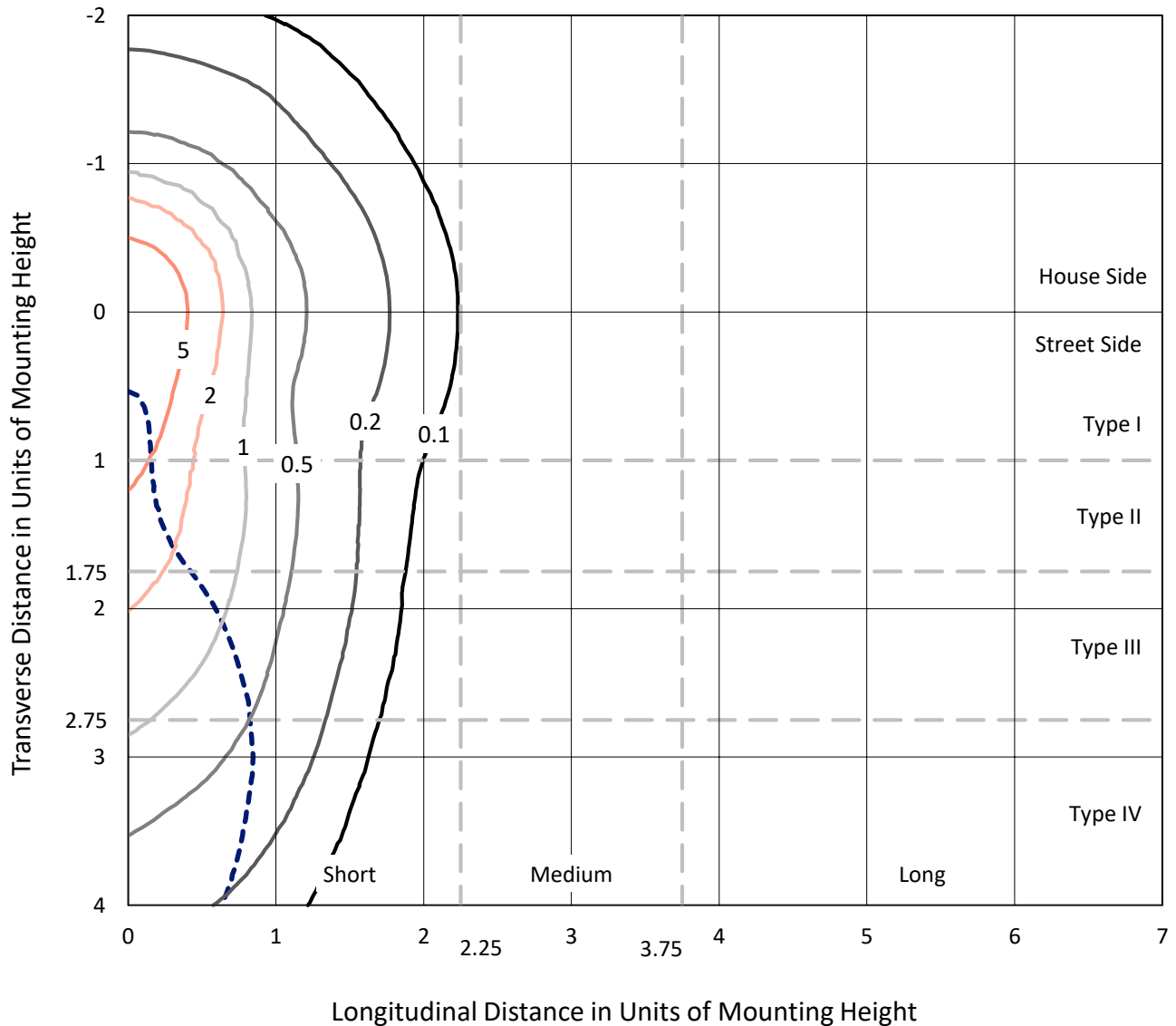


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Iso-Footcandle Lines of Horizontal Illumination

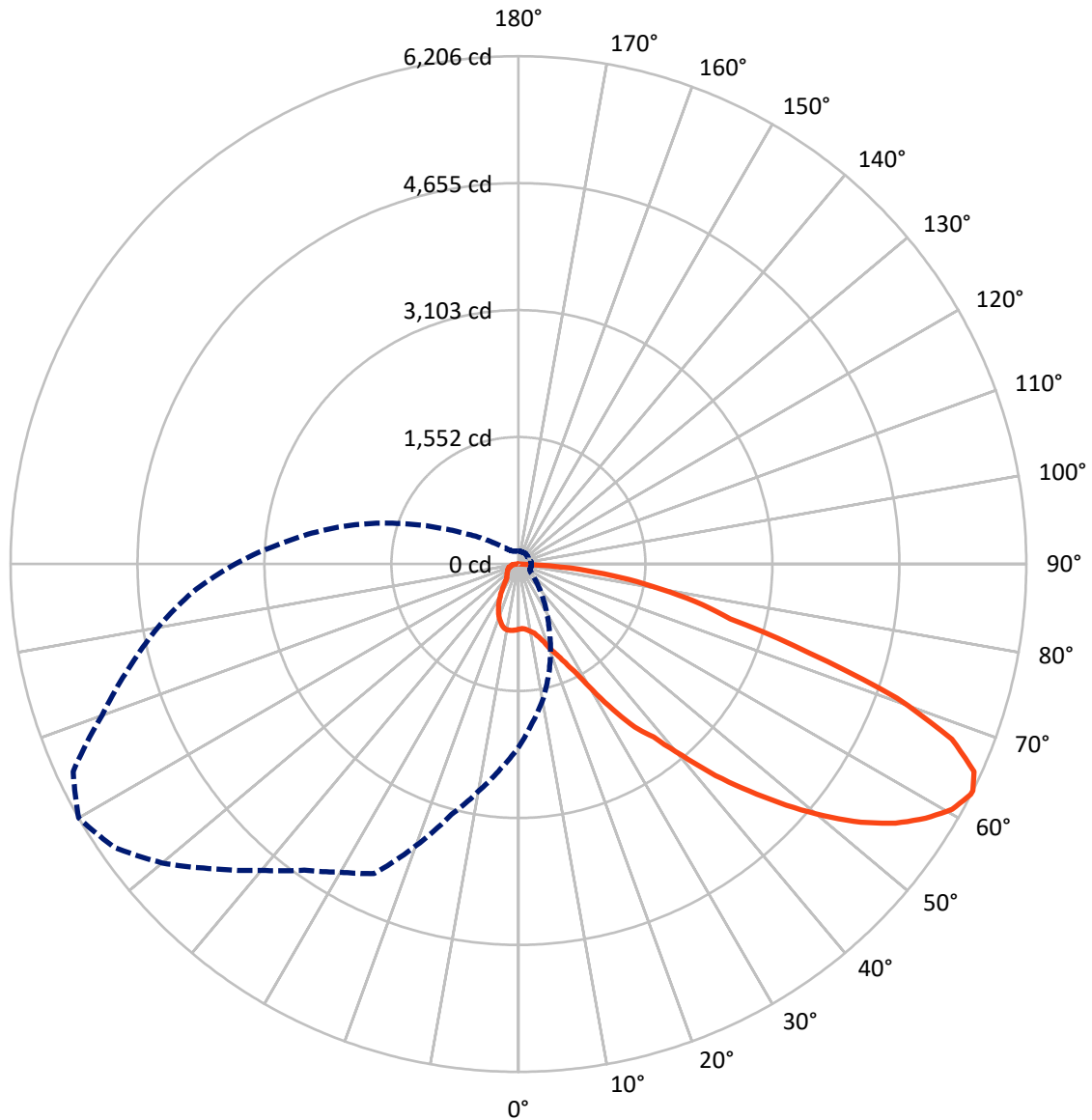
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 10 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	1375.0	0.0	1375.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	4965.9	0.0	4965.9
	% Fixture	78.3	0.0	78.3
Total	Lumens	6340.9	0.0	6340.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.6	1.2
10°-20°	241.6	3.8
20°-30°	429.2	6.8
30°-40°	675.9	10.7
40°-50°	994.7	15.7
50°-60°	1321.2	20.8
60°-70°	1455.3	23.0
70°-80°	913.0	14.4
80°-90°	232.6	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°	6340.9	100.0
0°-180°	6340.9	100.0



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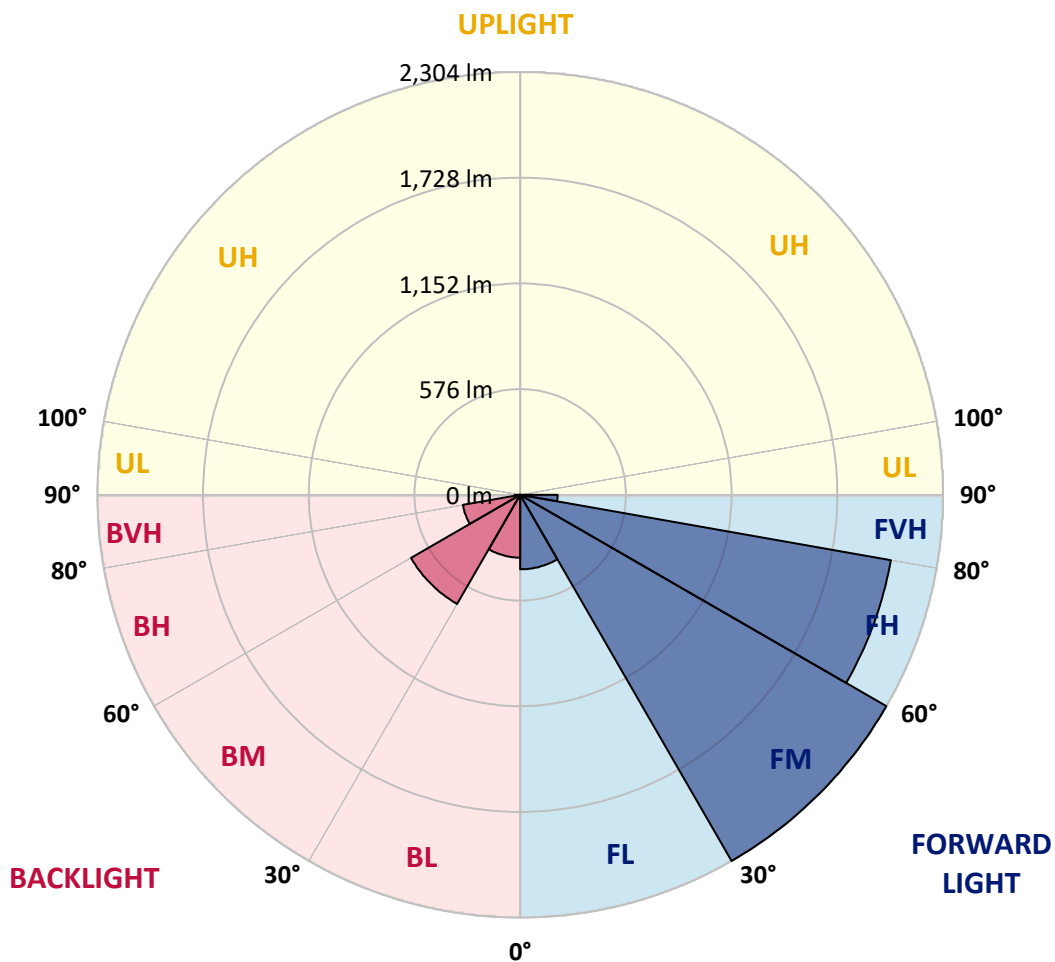
CATALOG NUMBER: ICS-E03-LED-E1-SLR-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	406.0	6.4			
FM	(30°-60°)	2304.4	36.3			
FH	(60°-80°)	2051.4	32.4			G2/5000
FVH	(80°-90°)	204.1	3.2			G2/225
BL	(0°-30°)	342.3	5.4	B1/500		
BM	(30°-60°)	687.3	10.8	B1/1000		
BH	(60°-80°)	317.0	5.0	B1/500		G1/500
BVH	(80°-90°)	28.5	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°	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9
2.5°	786.2	788.5	787.7	787.7	789.3	788.5	788.5	789.3	789.3	791.5	794.6
5°	780.1	779.4	777.9	779.4	779.4	779.4	776.3	778.6	779.4	780.9	780.9
7.5°	787.7	785.5	782.4	783.2	783.2	781.7	779.4	780.1	779.4	779.4	778.6
10°	797.6	792.3	788.5	788.5	788.5	787.0	783.2	785.5	785.5	784.7	785.5
12.5°	815.1	809.0	804.5	802.9	802.9	800.7	797.6	800.7	799.1	799.1	797.6
15°	844.0	837.1	831.8	827.2	828.0	828.0	824.2	821.9	818.9	815.1	807.5
17.5°	887.3	879.7	872.8	869.0	869.8	864.5	853.8	843.2	828.8	814.3	798.4
20°	948.8	946.5	937.4	933.6	924.5	911.6	881.9	856.9	828.8	801.4	774.1
22.5°	1055.1	1044.5	1035.4	1020.9	990.6	954.9	905.5	861.4	817.4	778.6	742.2
25°	1197.9	1179.0	1134.1	1090.1	1027.8	964.0	897.1	840.2	785.5	734.6	689.7
27.5°	1338.5	1280.7	1201.0	1121.2	1030.1	946.5	862.9	795.3	731.5	676.1	626.7
30°	1508.6	1411.4	1289.1	1163.0	1033.9	921.4	821.2	742.2	668.5	610.0	558.3
32.5°	1668.2	1527.6	1367.3	1201.7	1042.2	897.9	773.3	683.7	607.7	534.0	483.1
35°	1777.5	1595.2	1400.8	1205.5	1021.7	853.1	713.3	607.7	531.7	463.4	403.4
37.5°	1842.9	1624.9	1402.3	1178.2	973.8	792.3	637.3	532.5	462.6	397.3	350.2
40°	1883.9	1631.7	1382.5	1138.7	913.1	715.6	561.4	467.2	403.4	351.0	314.5
42.5°	1903.6	1621.1	1350.6	1088.6	851.5	647.2	508.2	419.3	363.9	326.6	299.3
45°	1906.7	1602.1	1316.4	1043.0	796.9	597.8	471.7	399.6	354.0	322.8	295.5
47.5°	1906.7	1585.4	1289.1	1009.6	761.2	576.6	468.7	407.9	363.1	328.2	295.5
50°	1908.2	1580.0	1277.7	992.8	749.0	588.0	494.5	433.8	382.9	337.3	294.7
52.5°	1915.0	1586.9	1286.8	1005.8	771.0	633.5	543.1	472.5	408.7	347.9	294.7
55°	1930.2	1609.7	1325.6	1050.6	830.3	702.7	601.6	514.3	429.2	352.5	290.2
57.5°	1972.8	1667.4	1396.2	1137.2	931.3	782.4	654.8	543.9	436.8	348.7	281.1
60°	2057.8	1782.1	1517.0	1258.7	1038.4	850.8	685.9	548.5	430.0	336.5	266.6
62.5°	2193.8	1913.5	1663.6	1390.9	1133.4	888.8	689.7	537.1	411.7	314.5	245.4
63°	2240.9	1946.2	1694.7	1416.0	1145.5	891.8	686.7	532.5	407.2	308.4	242.3
65°	2372.3	2083.7	1802.6	1504.1	1179.7	892.6	670.0	509.7	385.9	284.9	221.1
67.5°	2617.7	2264.5	1938.6	1573.2	1191.9	868.3	627.5	467.2	341.1	248.4	194.5
70°	2772.7	2365.5	1991.0	1574.7	1156.2	799.1	553.8	398.0	284.1	205.9	167.1
72.5°	2732.4	2266.0	1852.7	1432.7	1002.0	667.7	445.1	313.0	221.8	164.8	139.0
75°	2340.4	1886.2	1511.7	1109.8	757.4	490.7	325.9	223.3	164.1	129.1	116.2
77.5°	1684.9	1357.5	1084.0	790.8	510.5	317.5	216.5	159.5	124.6	106.3	95.7
80°	1073.4	796.1	663.2	475.5	298.5	196.7	148.9	120.8	102.6	88.9	82.0
82.5°	560.6	392.7	319.0	243.1	165.6	129.9	109.4	98.8	84.3	73.7	69.9
85°	349.4	231.7	171.7	120.0	82.8	74.4	68.4	66.8	60.0	53.2	50.9
87.5°	39.5	35.7	37.2	23.5	17.5	19.0	18.2	24.3	23.5	17.5	18.2
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9
2.5°	791.5	793.1	793.1	795.3	795.3	796.9	798.4	798.4	799.9	800.7	802.2
5°	782.4	782.4	782.4	785.5	786.2	790.8	792.3	793.8	795.3	800.7	803.7
7.5°	780.1	777.1	778.6	778.6	780.9	784.7	788.5	790.8	793.1	799.9	804.5
10°	784.7	782.4	780.1	780.1	780.9	782.4	785.5	787.7	789.3	796.1	799.9
12.5°	796.9	791.5	787.0	783.2	780.1	779.4	777.9	778.6	780.1	783.9	789.3
15°	799.1	789.3	779.4	769.5	761.9	757.4	753.6	752.0	752.0	754.3	760.4
17.5°	783.9	767.2	752.8	739.9	731.5	723.2	719.4	716.3	714.8	717.9	718.6
20°	751.3	731.5	711.8	696.6	681.4	679.1	673.0	674.6	676.1	680.6	682.9
22.5°	706.5	682.9	658.6	642.6	630.5	619.9	613.0	616.1	618.3	622.9	625.2
25°	651.8	617.6	591.8	575.8	562.9	553.8	546.2	549.2	546.2	551.5	559.8
27.5°	587.2	546.9	519.6	501.4	492.2	484.6	477.0	477.0	484.6	484.6	491.5
30°	509.0	479.3	443.6	424.6	413.2	408.7	407.9	406.4	411.7	414.8	422.4
32.5°	435.3	398.8	364.6	346.4	336.5	331.2	332.0	332.7	335.0	339.6	351.7
35°	360.8	328.9	304.6	284.1	274.2	264.4	264.4	262.8	265.1	270.4	284.9
37.5°	313.0	284.9	265.9	249.9	240.0	234.0	228.6	226.4	226.4	228.6	234.0
40°	286.4	265.9	248.4	234.7	225.6	220.3	217.3	215.0	213.5	213.5	214.2
42.5°	274.2	253.0	235.5	223.3	216.5	213.5	212.7	211.9	209.7	208.9	208.1
45°	268.2	243.8	224.1	214.2	208.9	207.4	208.1	208.1	207.4	205.9	202.8
47.5°	263.6	235.5	215.7	206.6	204.3	204.3	204.3	204.3	203.6	202.8	200.5
50°	256.0	222.6	201.3	194.5	192.9	192.9	193.7	193.7	195.2	193.7	192.2
52.5°	247.6	210.4	189.1	183.1	182.3	181.6	181.6	181.6	182.3	182.3	181.6
55°	238.5	201.3	183.1	178.5	179.3	178.5	177.8	177.0	177.0	176.2	174.7
57.5°	229.4	193.7	178.5	175.5	176.2	176.2	174.7	173.2	172.4	170.2	168.6
60°	215.7	183.1	169.4	167.9	170.2	170.2	170.2	169.4	169.4	168.6	164.8
62.5°	197.5	167.9	157.2	158.0	158.8	160.3	160.3	160.3	160.3	158.8	155.0
63°	193.7	164.8	155.0	155.0	157.2	157.2	158.0	157.2	158.0	156.5	151.9
65°	178.5	155.0	147.4	148.1	149.6	149.6	149.6	148.9	148.9	146.6	144.3
67.5°	161.0	142.8	138.3	139.0	139.8	141.3	140.5	140.5	141.3	139.8	137.5
70°	141.3	129.9	126.9	127.6	128.4	128.4	127.6	127.6	128.4	126.9	124.6
72.5°	126.1	121.5	119.3	119.3	117.7	117.7	116.2	115.5	114.7	114.7	112.4
75°	106.3	105.6	106.3	107.9	106.3	104.8	104.1	101.8	100.3	100.3	99.5
77.5°	91.2	91.2	92.7	95.0	95.7	95.7	93.4	89.6	88.9	88.9	88.9
80°	79.0	77.5	77.5	79.8	82.0	81.3	77.5	73.7	73.7	77.5	78.2
82.5°	69.1	69.1	66.8	67.6	66.8	66.1	62.3	60.0	59.3	62.3	65.3
85°	54.7	55.5	54.7	53.9	53.2	50.9	47.9	45.6	44.8	47.9	52.4
87.5°	22.0	21.3	20.5	21.3	20.5	22.0	21.3	19.8	19.0	21.3	25.8
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°	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9
2.5°	802.9	804.5	806.0	806.0	807.5	806.7	807.5	808.2	808.2	809.0	809.0
5°	807.5	809.8	812.8	815.8	816.6	818.9	821.2	819.6	821.9	825.0	825.0
7.5°	809.0	814.3	816.6	821.2	821.9	825.0	830.3	826.5	831.0	833.3	834.1
10°	806.7	812.0	815.8	821.2	823.4	828.8	834.1	832.6	837.9	841.7	842.4
12.5°	793.1	798.4	806.7	814.3	820.4	828.8	838.6	835.6	843.2	847.8	850.0
15°	766.5	771.8	780.9	793.1	804.5	817.4	830.3	832.6	840.2	845.5	847.8
17.5°	724.7	731.5	741.4	754.3	768.7	790.8	807.5	815.8	826.5	829.5	833.3
20°	685.9	692.8	698.9	706.5	717.1	738.4	760.4	777.1	790.8	802.2	805.2
22.5°	634.3	640.4	648.0	654.0	661.6	676.8	695.1	714.1	735.3	742.2	749.8
25°	572.0	575.8	586.4	590.2	595.6	608.5	622.9	636.6	657.1	671.5	675.3
27.5°	505.2	509.0	518.8	521.1	527.9	540.1	550.7	556.1	575.0	590.2	602.4
30°	427.7	437.5	449.7	451.2	458.8	466.4	476.3	481.6	499.1	515.0	530.2
32.5°	360.8	370.7	380.6	386.7	390.5	396.5	406.4	411.7	428.4	442.9	458.1
35°	292.5	304.6	315.2	323.6	326.6	334.2	341.8	347.2	364.6	377.5	388.2
37.5°	240.8	249.9	261.3	269.7	278.0	283.3	292.5	300.1	310.7	317.5	328.9
40°	215.7	220.3	226.4	233.2	240.0	246.1	253.0	259.0	265.9	275.0	282.6
42.5°	207.4	208.1	208.1	210.4	214.2	217.3	223.3	227.9	232.4	239.3	243.1
45°	201.3	200.5	199.0	197.5	198.3	199.8	203.6	206.6	211.9	215.0	215.7
47.5°	198.3	195.2	192.2	189.9	189.1	189.9	192.9	196.0	199.0	201.3	202.1
50°	188.4	186.1	181.6	178.5	177.0	178.5	182.3	183.8	186.9	189.1	189.9
52.5°	178.5	175.5	172.4	169.4	169.4	170.2	173.2	176.2	179.3	180.0	181.6
55°	172.4	167.9	164.8	162.6	161.0	163.3	165.6	169.4	173.2	174.0	175.5
57.5°	166.4	161.8	158.8	156.5	155.0	157.2	159.5	164.8	169.4	169.4	169.4
60°	162.6	158.8	154.2	151.9	149.6	151.9	155.0	160.3	164.8	164.1	163.3
62.5°	151.9	148.1	145.8	145.8	143.6	147.4	150.4	156.5	157.2	155.7	154.2
63°	148.9	145.8	144.3	144.3	142.8	146.6	149.6	155.0	155.0	153.4	151.9
65°	141.3	139.0	137.5	139.0	139.0	142.8	143.6	147.4	146.6	144.3	143.6
67.5°	135.2	133.7	132.2	132.2	132.2	132.9	133.7	135.2	134.5	133.7	134.5
70°	125.3	124.6	123.1	123.1	122.3	122.3	122.3	123.1	123.1	123.8	124.6
72.5°	113.2	111.7	111.7	112.4	110.9	111.7	112.4	111.7	113.2	113.2	113.9
75°	99.5	98.8	100.3	101.8	101.0	101.0	101.8	101.8	102.6	102.6	103.3
77.5°	88.9	89.6	90.4	91.9	92.7	92.7	92.7	91.9	92.7	92.7	93.4
80°	79.0	80.5	82.0	83.6	84.3	84.3	84.3	83.6	83.6	83.6	83.6
82.5°	71.4	73.7	75.2	76.0	76.0	76.0	76.0	76.0	76.0	74.4	72.9
85°	60.0	64.6	64.6	65.3	63.0	61.5	60.0	60.8	61.5	58.5	57.7
87.5°	30.4	30.4	31.9	33.4	34.2	34.2	38.7	36.5	35.7	34.9	33.4
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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CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9
2.5°	809.8	809.0	810.5	809.0	809.8	810.5	809.0	811.3	812.8	810.5	808.2
5°	826.5	826.5	830.3	831.8	832.6	837.1	834.8	836.4	837.9	837.1	837.9
7.5°	837.1	840.2	844.0	847.8	848.5	852.3	851.5	853.8	855.3	859.1	859.1
10°	846.2	850.0	855.3	859.1	862.9	866.0	867.5	872.1	872.8	875.9	875.9
12.5°	854.6	859.1	864.5	870.5	874.3	880.4	881.2	888.0	890.3	891.0	888.8
15°	853.1	858.4	864.5	871.3	878.1	885.7	890.3	897.1	900.9	902.4	898.6
17.5°	838.6	843.2	850.8	859.9	868.3	878.1	886.5	896.4	902.4	904.0	903.2
20°	810.5	813.6	823.4	835.6	845.5	860.7	872.8	888.0	897.9	905.5	907.8
22.5°	755.1	762.7	772.5	786.2	800.7	819.6	837.1	859.1	880.4	898.6	916.9
25°	688.2	701.9	717.1	735.3	752.8	772.5	792.3	817.4	848.5	886.5	929.8
27.5°	620.6	644.2	663.2	686.7	707.2	727.0	749.0	776.3	810.5	856.1	911.6
30°	552.3	578.8	599.4	626.7	654.0	680.6	702.7	731.5	765.0	811.3	872.1
32.5°	479.3	505.9	530.2	555.3	585.7	617.6	644.2	679.9	715.6	763.4	825.0
35°	404.1	427.7	448.2	474.8	508.2	542.4	577.3	618.3	657.1	707.2	772.5
37.5°	338.8	355.5	375.3	398.8	424.6	461.1	500.6	549.2	593.3	648.0	714.8
40°	284.9	294.0	305.4	325.1	348.7	384.4	423.1	474.8	527.9	588.0	652.5
42.5°	243.1	247.6	250.7	263.6	282.6	317.5	354.7	404.9	463.4	528.7	594.0
45°	215.7	218.0	218.8	225.6	239.3	269.7	308.4	351.0	407.2	471.0	539.3
47.5°	202.8	205.1	206.6	208.1	216.5	240.0	275.0	315.2	366.9	425.4	495.3
50°	192.2	194.5	196.7	196.0	199.8	215.0	244.6	281.8	330.4	384.4	453.5
52.5°	181.6	183.1	183.1	183.1	185.4	195.2	216.5	250.7	295.5	346.4	414.8
55°	175.5	177.0	177.8	178.5	179.3	184.6	200.5	227.9	266.6	313.7	375.3
57.5°	169.4	170.2	171.7	172.4	174.0	177.0	186.9	206.6	239.3	278.8	330.4
60°	164.1	165.6	168.6	169.4	170.9	171.7	176.2	188.4	209.7	240.0	281.8
62.5°	155.7	158.0	161.0	161.8	163.3	164.1	164.8	171.7	181.6	199.8	230.9
63°	153.4	155.7	159.5	160.3	161.0	161.0	161.8	166.4	175.5	191.4	214.2
65°	145.1	148.1	150.4	151.2	151.9	151.9	151.2	152.7	153.4	160.3	174.0
67.5°	136.0	138.3	139.8	140.5	139.8	140.5	139.8	138.3	136.7	138.3	144.3
70°	126.9	128.4	128.4	129.1	129.9	130.7	129.1	127.6	126.1	125.3	129.1
72.5°	116.2	117.7	117.7	118.5	118.5	120.0	120.0	119.3	119.3	120.0	120.8
75°	105.6	107.1	106.3	107.9	107.9	110.1	110.1	110.9	112.4	111.7	110.9
77.5°	95.7	96.5	96.5	97.2	98.0	101.8	104.1	104.8	104.8	103.3	101.8
80°	85.1	85.1	83.6	82.8	83.6	87.4	91.9	92.7	95.0	94.2	95.0
82.5°	71.4	68.4	66.1	66.1	67.6	69.9	71.4	72.9	74.4	74.4	76.0
85°	54.7	51.7	49.4	50.1	52.4	53.2	52.4	52.4	55.5	57.7	55.5
87.5°	32.7	29.6	28.1	25.8	26.6	28.9	28.1	25.8	26.6	21.3	19.8
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°	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9
2.5°	809.8	809.0	807.5	805.2	804.5	802.9	803.7	801.4	799.9	798.4	796.1
5°	837.9	837.9	833.3	833.3	831.0	830.3	825.0	822.7	818.1	819.6	814.3
7.5°	857.6	859.9	854.6	853.8	850.8	850.0	843.2	840.9	837.1	835.6	831.0
10°	872.1	872.1	865.2	859.9	856.1	852.3	845.5	842.4	839.4	840.2	837.1
12.5°	883.5	878.1	868.3	860.7	855.3	851.5	846.2	844.0	843.2	848.5	849.3
15°	892.6	885.0	872.8	867.5	862.9	862.2	862.2	864.5	869.8	879.7	887.3
17.5°	897.9	893.3	887.3	885.7	893.3	897.9	904.0	910.8	918.4	932.1	940.4
20°	907.8	910.8	915.4	921.4	933.6	945.0	952.6	962.5	971.6	988.3	1002.0
22.5°	933.6	951.1	965.5	977.6	995.9	1011.8	1021.7	1035.4	1042.2	1053.6	1074.9
25°	967.0	1002.7	1033.1	1058.9	1087.0	1103.7	1117.4	1134.9	1145.5	1164.5	1183.5
27.5°	957.1	1008.0	1053.6	1101.5	1140.2	1183.5	1213.9	1242.8	1261.0	1289.1	1314.2
30°	926.8	987.5	1049.1	1112.1	1173.6	1235.9	1293.7	1346.1	1386.3	1426.6	1467.6
32.5°	885.7	955.6	1030.8	1108.3	1188.8	1275.4	1355.2	1434.2	1501.0	1559.5	1616.5
35°	838.6	917.6	995.9	1091.6	1191.1	1301.3	1412.2	1521.5	1623.3	1726.6	1796.5
37.5°	782.4	862.9	950.3	1060.4	1177.4	1313.4	1454.7	1597.5	1741.8	1880.9	2001.6
40°	722.4	804.5	896.4	1015.6	1147.8	1305.8	1482.0	1674.2	1872.5	2073.8	2234.1
42.5°	669.2	753.6	853.8	974.6	1118.2	1295.9	1504.1	1740.3	1982.6	2231.8	2467.3
45°	617.6	710.3	815.8	945.7	1105.3	1303.5	1536.7	1801.8	2081.4	2383.7	2670.9
47.5°	571.2	665.4	768.0	910.0	1086.3	1307.3	1568.6	1863.4	2174.8	2502.2	2843.3
50°	529.5	620.6	721.7	864.5	1056.6	1305.0	1597.5	1918.8	2255.4	2595.7	2976.2
52.5°	488.4	581.1	684.4	820.4	1020.2	1292.1	1611.2	1964.4	2329.8	2689.9	3083.4
55°	448.2	539.3	643.4	778.6	972.3	1258.7	1609.7	1994.0	2389.0	2778.7	3186.7
57.5°	401.1	487.7	589.5	732.3	921.4	1207.1	1586.9	2007.7	2439.9	2866.9	3310.5
60°	342.6	423.9	521.9	664.7	854.6	1141.0	1539.0	2000.1	2469.6	2932.2	3416.1
62.5°	270.4	341.1	430.7	570.5	771.0	1046.0	1449.4	1931.0	2422.5	2923.1	3465.4
63°	255.2	322.1	409.4	547.7	735.3	1020.2	1422.8	1903.6	2399.7	2904.1	3458.6
65°	205.1	248.4	318.3	442.1	615.3	893.3	1290.6	1763.1	2277.4	2770.4	3359.9
67.5°	157.2	179.3	216.5	303.1	435.3	702.7	1045.3	1494.2	1976.6	2439.9	3041.6
70°	134.5	144.3	160.3	201.3	276.5	443.6	733.8	1114.4	1532.2	1934.0	2474.9
72.5°	122.3	126.9	135.2	152.7	189.9	265.9	467.9	725.4	1042.2	1378.7	1796.5
75°	112.4	116.2	123.1	132.2	145.8	177.0	266.6	443.6	677.6	905.5	1212.4
77.5°	102.6	104.8	112.4	120.8	129.9	145.8	176.2	255.2	389.7	534.0	730.8
80°	94.2	92.7	98.0	111.7	120.8	129.9	139.0	165.6	221.8	292.5	395.0
82.5°	75.2	76.7	81.3	95.0	98.8	96.5	98.0	102.6	123.8	135.2	202.1
85°	50.9	47.1	46.3	47.9	47.9	45.6	45.6	44.8	49.4	56.2	96.5
87.5°	13.7	6.8	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°	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	796.9	0°
2.5°	794.6	793.8	794.6	790.8	790.8	790.0	789.3	787.7	787.7	784.7	787.0	2.5°
5°	809.8	808.2	805.2	800.7	798.4	795.3	795.3	792.3	790.0	787.0	787.7	5°
7.5°	827.2	828.0	822.7	818.9	817.4	814.3	815.1	810.5	811.3	809.0	807.5	7.5°
10°	837.1	837.1	838.6	837.9	839.4	839.4	841.7	838.6	837.1	834.8	834.8	10°
12.5°	853.1	856.1	862.2	862.2	866.7	868.3	869.0	870.5	867.5	866.0	860.7	12.5°
15°	892.6	900.2	905.5	913.1	922.2	925.2	925.2	922.2	920.7	918.4	908.5	15°
17.5°	957.9	974.6	979.2	991.3	992.8	996.6	1007.3	1001.2	997.4	981.4	978.4	17.5°
20°	1024.7	1046.0	1067.3	1082.5	1090.1	1105.3	1107.5	1104.5	1089.3	1074.1	1067.3	20°
22.5°	1105.3	1137.2	1161.5	1185.0	1196.4	1204.0	1220.7	1216.9	1204.8	1182.0	1172.9	22.5°
25°	1219.2	1258.7	1284.5	1313.4	1328.6	1336.2	1352.9	1352.9	1340.0	1333.2	1332.4	25°
27.5°	1362.8	1411.4	1453.9	1463.8	1503.3	1512.4	1528.4	1528.4	1516.2	1507.9	1548.1	27.5°
30°	1522.3	1573.2	1646.9	1696.3	1744.1	1791.2	1790.5	1793.5	1807.9	1815.5	1833.0	30°
32.5°	1681.8	1744.9	1823.1	1930.2	2032.8	2120.1	2233.3	2305.5	2283.5	2221.9	2197.6	32.5°
35°	1875.5	1945.4	2040.4	2148.2	2335.9	2449.1	2503.8	2542.5	2547.0	2555.4	2572.9	35°
37.5°	2091.3	2208.3	2318.4	2440.7	2544.8	2682.3	2809.1	2910.9	2934.5	2982.3	2955.0	37.5°
40°	2364.0	2494.6	2610.1	2768.1	2907.9	3073.5	3255.0	3394.8	3451.0	3432.8	3296.0	40°
42.5°	2649.6	2811.4	2946.6	3132.7	3314.3	3533.1	3720.7	3915.9	3950.9	3810.3	3606.0	42.5°
45°	2912.4	3113.0	3280.9	3474.6	3696.4	3958.4	4209.1	4409.7	4402.8	4162.0	3888.6	45°
47.5°	3148.7	3394.8	3599.9	3852.1	4090.6	4402.8	4690.7	4838.9	4751.5	4466.6	4131.6	47.5°
50°	3343.9	3650.8	3903.8	4159.0	4462.1	4838.1	5115.4	5198.9	5030.3	4720.4	4367.9	50°
52.5°	3501.1	3886.3	4170.4	4464.4	4847.2	5243.0	5481.5	5450.4	5232.4	4914.1	4563.1	52.5°
55°	3634.1	4066.3	4405.1	4752.3	5227.0	5591.7	5750.4	5666.9	5362.3	5039.4	4696.8	55°
57.5°	3771.6	4241.0	4620.8	5023.5	5552.2	5865.1	5953.2	5781.6	5423.8	5087.3	4754.5	57.5°
60°	3909.1	4386.9	4811.5	5260.5	5798.3	6088.5	6064.2	5807.4	5405.5	5052.3	4715.8	60°
62.5°	4001.7	4473.5	4922.4	5406.3	5982.9	6202.4	6053.5	5715.5	5300.0	4914.8	4600.3	62.5°
63°	4004.0	4476.5	4929.3	5416.2	6003.4	6206.2	6033.0	5682.8	5266.5	4886.7	4566.2	63°
65°	3956.2	4419.5	4868.5	5371.4	5985.9	6118.8	5856.0	5489.9	5075.9	4692.3	4388.4	65°
67.5°	3711.6	4184.1	4580.6	5054.6	5672.9	5710.9	5382.0	5086.5	4714.3	4317.0	3999.5	67.5°
70°	3218.6	3611.3	4000.2	4396.0	4914.8	4908.0	4598.8	4448.4	4122.5	3669.8	3415.3	70°
72.5°	2560.0	2912.4	3185.9	3451.0	3792.8	3723.7	3524.7	3566.5	3355.3	3017.3	2866.1	72.5°
75°	1900.6	2288.0	2421.7	2529.6	2673.9	2674.7	2729.4	2847.9	2844.8	2657.2	2466.5	75°
77.5°	1246.6	1670.4	1715.3	1801.8	1975.0	2210.5	2453.6	2714.9	2780.3	2632.1	2350.3	77.5°
80°	695.1	1135.7	1084.0	1158.4	1345.3	1665.1	2023.7	2312.3	2482.5	2399.7	2101.1	80°
82.5°	355.5	654.8	625.9	729.2	880.4	1158.4	1395.4	1617.3	1817.8	1806.4	1693.2	82.5°
85°	184.6	358.5	407.9	461.9	537.8	637.3	727.0	791.5	875.1	1022.5	1072.6	85°
87.5°	0.0	0.0	0.0	0.0	0.0	0.8	0.0	54.7	39.5	108.6	155.0	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°



IUMBER: P181136

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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
796.9	796.9	796.9	796.9	796.9	796.9	796.9
787.7	788.5	787.0	787.0	787.7	787.7	786.2
786.2	786.2	784.7	783.2	781.7	781.7	780.1
803.7	803.7	798.4	796.1	792.3	789.3	787.7
829.5	825.0	818.9	814.3	808.2	801.4	797.6
855.3	848.5	840.9	834.1	826.5	818.9	815.1
897.9	888.8	878.9	870.5	859.9	848.5	844.0
963.2	948.8	935.9	923.7	904.7	896.4	887.3
1049.8	1028.5	1011.8	991.3	967.8	960.2	948.8
1154.6	1136.4	1103.0	1087.8	1064.2	1052.9	1055.1
1314.2	1290.6	1251.9	1237.4	1235.2	1210.1	1197.9
1522.3	1523.8	1488.1	1449.4	1428.1	1388.6	1338.5
1818.6	1798.1	1756.3	1716.8	1666.6	1592.2	1508.6
2177.1	2131.5	2062.4	1988.7	1899.8	1785.1	1668.2
2527.3	2447.5	2337.4	2214.3	2086.0	1943.1	1777.5
2835.0	2711.1	2546.3	2405.0	2223.4	2044.9	1842.9
3116.0	2962.6	2749.9	2566.8	2352.6	2123.2	1883.9
3388.0	3193.5	2932.9	2685.3	2443.0	2175.6	1903.6
3647.0	3396.3	3087.1	2792.4	2509.1	2209.8	1906.7
3846.0	3572.6	3225.4	2869.9	2554.6	2235.6	1906.7
4030.6	3721.4	3331.0	2930.7	2597.2	2253.1	1908.2
4174.2	3826.3	3399.4	2974.0	2630.6	2266.0	1915.0
4278.3	3894.6	3444.9	3000.6	2654.9	2284.2	1930.2
4351.2	3939.5	3470.0	3024.1	2684.5	2316.1	1972.8
4386.1	4022.3	3511.8	3071.2	2735.4	2383.7	2057.8
4359.5	4150.6	3631.0	3151.0	2806.1	2489.3	2193.8
4348.1	4174.2	3663.7	3168.4	2822.0	2512.1	2240.9
4259.3	4197.7	3798.2	3256.5	2898.0	2613.1	2372.3
3983.5	4105.1	3911.4	3405.4	3061.3	2858.5	2617.7
3626.5	3967.6	3890.8	3424.4	3165.4	3059.8	2772.7
3198.8	3552.0	3480.6	3171.5	3050.7	3062.1	2732.4
2517.4	2782.5	2735.4	2626.8	2651.1	2734.7	2340.4
2016.8	1981.1	1872.5	1880.1	2020.6	2118.6	1684.9
1647.6	1333.9	1192.6	1196.4	1441.8	1543.6	1073.4
1567.9	1261.8	1027.8	897.9	1049.1	1010.3	560.6
1116.7	1118.9	928.3	754.3	730.8	621.4	349.4
264.4	211.9	151.2	112.4	118.5	78.2	39.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)