

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: P180416

Luminaire Tested: **ICS-E01-LED-E1-SL2-HSS-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P180416
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICS-E01-LED-E1-SL2-HSS-8030
Description: ICON SITE SMALL LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1392.9 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

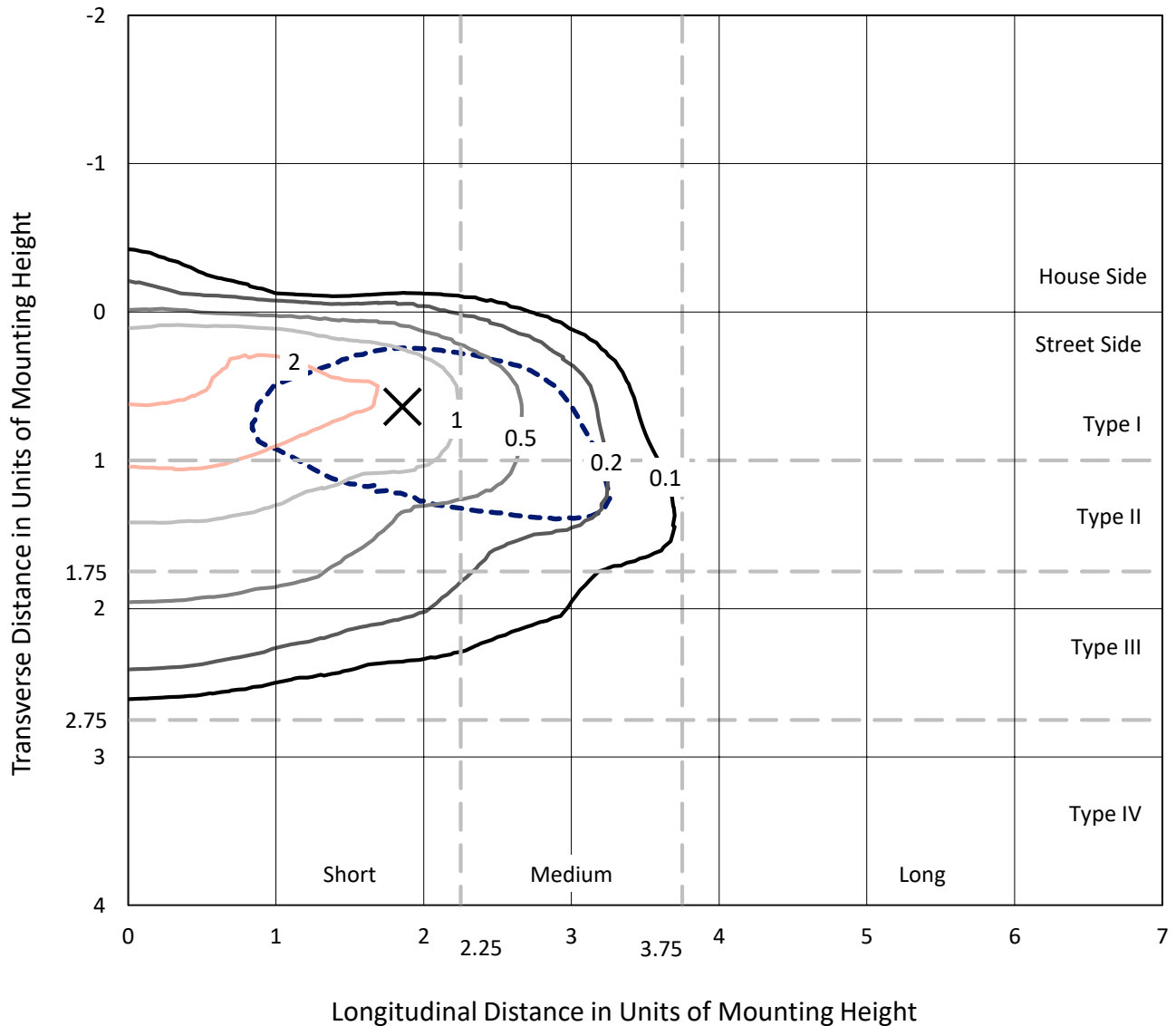
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

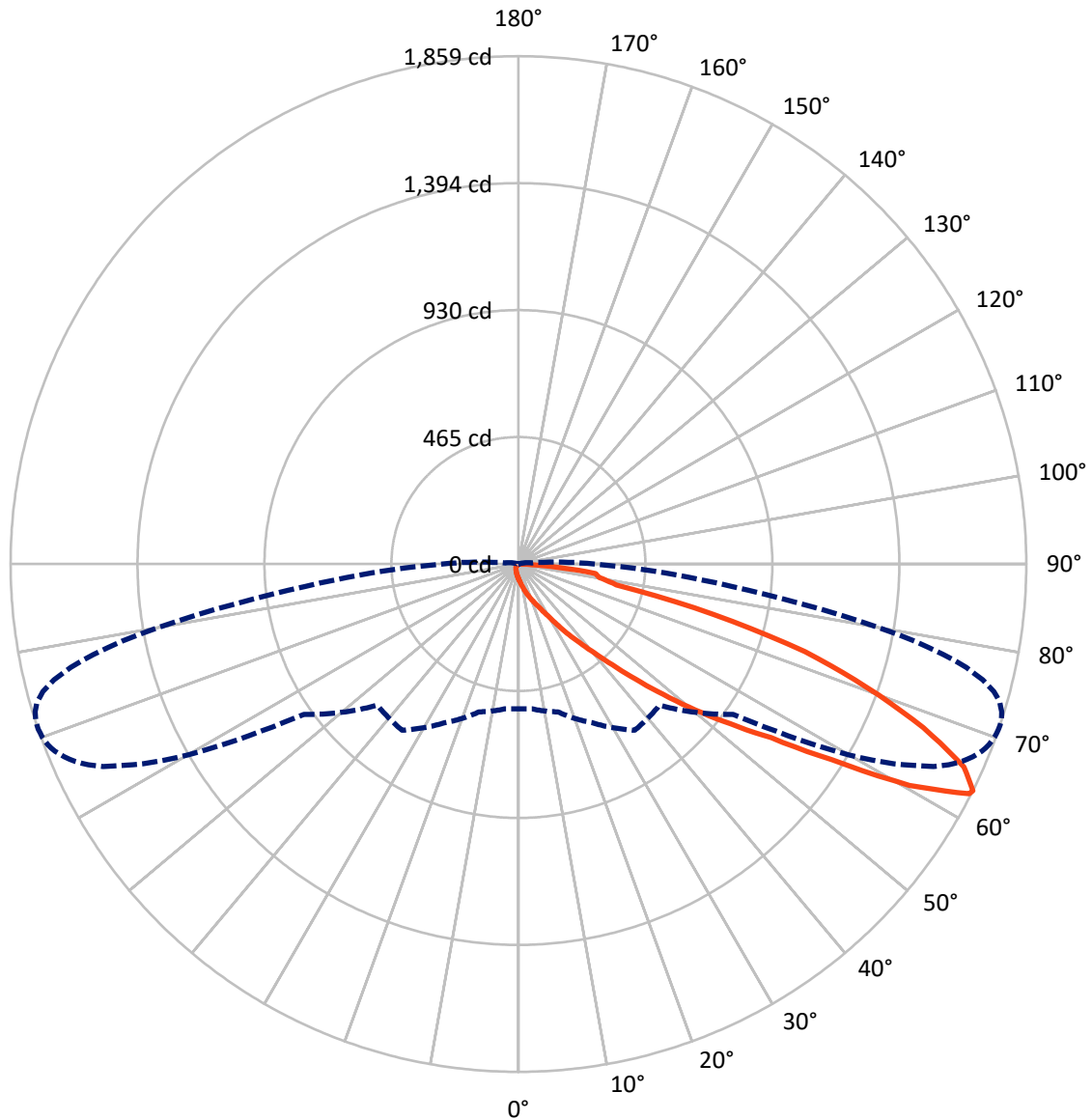
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.9 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	29.6	0.0	29.6
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	1363.3	0.0	1363.3
	% Fixture	97.9	0.0	97.9
Total	Lumens	1392.9	0.0	1392.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.9	0.4
10°-20°	22.9	1.6
20°-30°	46.5	3.3
30°-40°	113.6	8.2
40°-50°	254.2	18.2
50°-60°	357.4	25.7
60°-70°	420.3	30.2
70°-80°	151.8	10.9
80°-90°	20.3	1.5
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°	1392.9	100.0
0°-180°	1392.9	100.0



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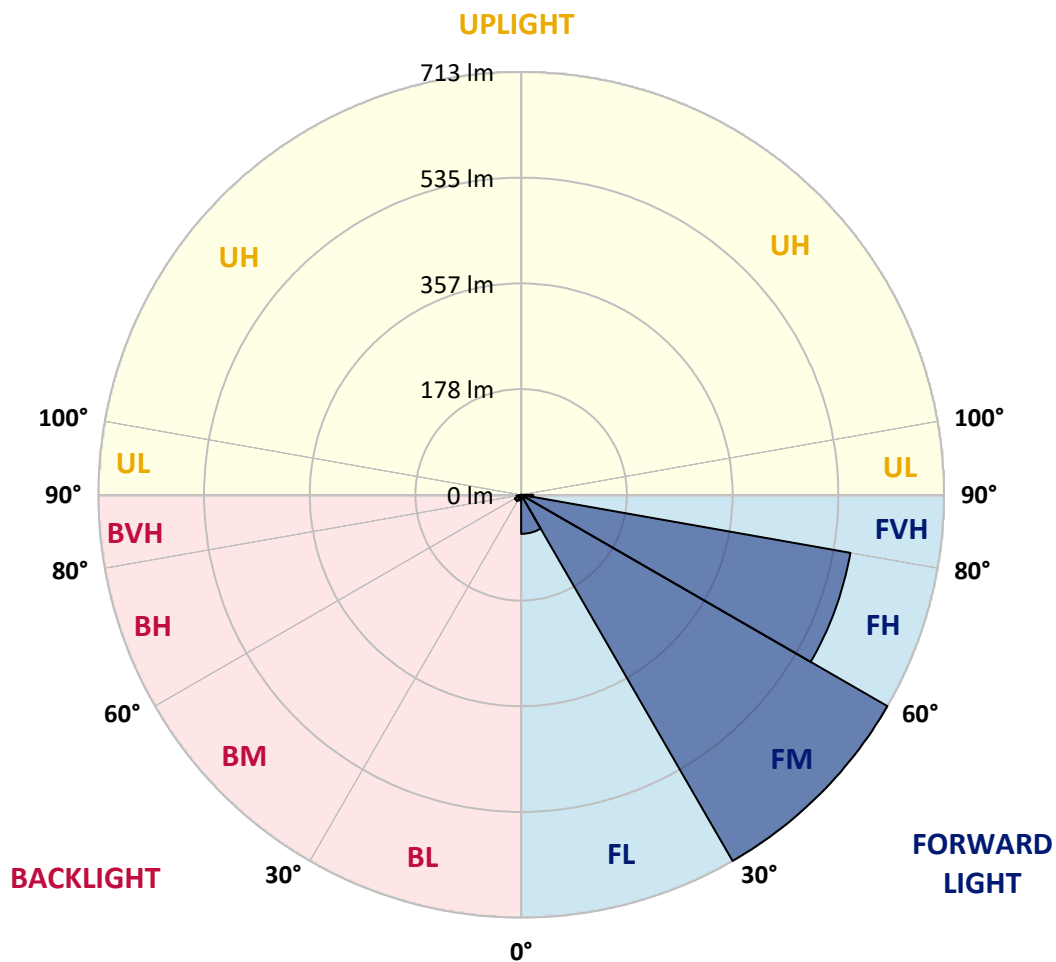
CATALOG NUMBER: ICS-E01-LED-E1-SL2-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	65.8	4.7			
FM	(30°-60°)	713.3	51.2			
FH	(60°-80°)	563.9	40.5			G0/660
FVH	(80°-90°)	20.3	1.5			G1/100
BL	(0°-30°)	9.5	0.7	B0/110		
BM	(30°-60°)	11.9	0.9	B0/220		
BH	(60°-80°)	8.1	0.6	B0/110		G0/110
BVH	(80°-90°)	0.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2.5°	69.9	70.6	70.1	68.9	67.4	65.3	63.6	63.6	63.3	62.5	62.8
5°	91.7	91.9	90.9	87.9	85.1	80.8	76.0	75.5	75.0	74.2	73.9
7.5°	112.9	113.9	112.9	109.6	104.1	97.5	89.9	89.1	87.6	87.6	86.6
10°	134.7	134.7	133.7	129.9	124.8	115.5	105.8	104.6	102.8	102.3	100.8
12.5°	150.2	150.2	149.6	147.6	143.6	135.2	123.6	122.3	120.0	119.3	117.5
15°	156.2	156.2	156.5	158.3	158.5	154.7	142.6	141.5	139.3	137.2	136.5
17.5°	160.0	159.8	159.8	162.3	166.9	169.4	161.5	160.5	158.0	157.0	154.5
20°	168.4	167.9	166.4	166.4	170.7	179.5	179.5	179.3	176.5	175.7	174.5
22.5°	180.8	180.3	175.7	171.9	174.0	185.1	195.5	195.0	194.0	192.9	192.2
25°	201.0	199.3	191.4	180.3	178.5	190.4	207.6	208.9	209.7	209.7	210.2
27.5°	231.7	229.4	215.5	194.7	186.9	199.0	221.1	223.6	225.9	226.4	228.6
30°	274.2	270.2	250.2	219.8	201.8	211.7	240.8	243.6	246.9	247.9	251.4
32.5°	344.1	341.8	322.6	277.0	238.5	236.5	268.4	271.9	276.3	278.0	282.3
35°	450.5	451.0	435.3	394.2	341.1	313.2	317.8	320.8	322.3	327.7	329.9
37.5°	522.6	523.9	527.4	511.2	473.3	444.9	409.2	412.5	404.6	405.4	405.6
40°	562.1	566.2	586.9	602.6	599.6	583.1	554.5	556.3	541.6	538.3	522.4
42.5°	588.5	593.8	627.0	675.6	700.4	715.3	708.7	708.0	696.6	692.3	678.9
45°	604.9	609.7	651.5	723.2	780.4	823.9	841.9	844.0	834.3	830.0	818.9
47.5°	604.2	609.7	654.6	740.9	825.2	894.8	945.5	948.0	953.8	950.0	950.8
50°	570.7	576.1	621.1	710.8	812.0	927.3	1019.9	1028.0	1037.4	1043.7	1046.8
52.5°	530.2	534.0	574.0	659.1	755.8	913.8	1064.0	1077.9	1091.8	1103.7	1112.1
55°	515.3	519.6	551.0	621.6	710.8	857.6	1084.5	1105.0	1124.8	1144.3	1160.2
57.5°	523.1	527.2	549.7	603.9	683.9	798.4	1090.3	1122.2	1154.6	1186.3	1217.7
60°	552.0	556.3	575.5	620.4	676.8	764.2	1067.5	1120.5	1174.4	1229.6	1281.5
62.5°	540.6	542.4	570.7	649.2	727.5	735.1	984.7	1058.7	1141.0	1226.0	1309.9
63°	529.7	531.7	560.6	641.4	742.9	730.8	959.2	1037.2	1124.0	1215.7	1306.8
65°	480.3	480.6	502.6	566.4	725.7	738.4	845.2	919.7	1019.4	1129.3	1244.5
67.5°	358.5	356.8	378.0	426.7	569.7	738.6	725.4	767.2	836.6	934.1	1037.4
70°	127.1	124.3	158.8	226.1	355.0	604.2	623.4	626.2	645.4	698.1	762.9
72.5°	41.3	42.0	50.6	82.8	163.6	406.7	564.4	555.8	550.7	550.5	559.1
75°	16.5	16.7	20.3	36.7	73.4	196.0	494.3	499.1	500.9	503.4	506.2
77.5°	7.8	8.6	11.4	20.5	36.5	97.0	353.7	394.5	417.8	435.8	446.7
80°	2.8	3.3	6.3	12.7	17.0	44.6	186.4	224.9	259.0	303.1	341.1
82.5°	0.0	0.0	1.3	8.9	9.4	18.0	76.5	89.6	102.6	132.9	170.7
85°	0.0	0.0	0.0	2.5	2.8	3.0	25.8	31.1	34.9	40.8	47.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.5	3.8	5.8
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2.5°	62.3	62.0	62.0	61.5	61.3	60.8	60.5	59.8	59.5	59.5	59.5
5°	73.7	72.7	72.2	70.9	70.1	69.9	68.6	68.1	67.4	67.6	66.3
7.5°	86.3	84.6	83.8	82.0	81.5	79.8	79.3	78.0	77.2	75.7	75.2
10°	100.3	98.0	96.7	93.9	93.2	91.9	90.4	88.9	87.6	86.1	85.3
12.5°	116.2	114.2	113.2	109.4	107.6	105.8	103.8	101.8	99.8	98.5	96.7
15°	135.0	131.7	130.7	127.1	124.1	121.8	119.0	116.5	115.0	112.4	110.7
17.5°	153.4	150.2	149.4	144.1	140.8	139.3	136.2	132.9	130.2	127.6	124.8
20°	171.9	169.7	167.6	162.6	159.0	156.5	152.4	149.1	146.9	143.3	139.8
22.5°	190.4	188.1	186.6	181.3	178.0	174.5	170.9	167.4	164.1	159.8	155.7
25°	209.4	207.9	207.1	202.3	199.3	196.0	192.4	188.4	184.3	179.5	175.2
27.5°	229.2	229.7	228.1	227.1	223.8	221.6	216.0	213.2	210.2	204.3	199.0
30°	254.2	255.7	255.2	256.0	254.0	252.5	248.1	244.6	241.1	235.5	229.4
32.5°	285.9	287.9	288.9	291.7	290.7	290.2	288.9	283.8	281.3	271.7	269.2
35°	334.7	333.7	338.0	340.3	339.3	338.8	337.3	334.5	331.5	324.6	318.3
37.5°	398.3	399.3	400.8	396.3	393.2	393.0	388.4	385.6	381.3	373.7	366.1
40°	514.8	508.4	501.4	482.1	473.8	468.9	455.5	451.7	444.4	434.0	426.2
42.5°	666.2	659.9	638.6	606.4	589.2	565.4	554.5	541.1	530.7	513.8	504.6
45°	816.6	798.4	795.8	758.4	737.1	705.7	686.2	663.7	640.1	617.8	601.6
47.5°	943.5	939.4	927.0	904.2	884.5	858.1	833.1	798.4	774.1	742.4	713.3
50°	1045.0	1044.7	1040.2	1027.0	1010.6	989.3	967.3	937.9	910.3	871.6	840.4
52.5°	1121.0	1125.0	1126.5	1122.5	1116.2	1097.4	1086.3	1061.7	1038.4	1005.5	971.8
55°	1176.7	1191.6	1199.2	1207.8	1206.0	1199.5	1199.0	1183.0	1172.4	1146.3	1122.5
57.5°	1245.5	1270.1	1293.7	1335.4	1337.0	1351.6	1359.2	1366.8	1368.9	1358.5	1350.6
60°	1333.2	1383.3	1427.9	1515.2	1538.0	1574.0	1597.3	1622.6	1644.1	1645.9	1645.4
62.5°	1394.9	1472.2	1544.1	1673.7	1718.0	1759.6	1790.7	1815.3	1830.2	1845.4	1852.5
63°	1396.7	1481.3	1557.8	1691.4	1738.0	1777.5	1807.2	1830.0	1845.7	1854.8	1859.3
65°	1353.9	1456.5	1547.6	1680.8	1724.6	1764.4	1779.8	1794.8	1802.4	1805.9	1792.5
67.5°	1147.6	1247.8	1354.2	1503.1	1540.5	1588.1	1600.8	1608.4	1611.9	1611.2	1599.8
70°	858.1	942.2	1060.4	1230.6	1280.2	1326.8	1355.7	1368.1	1372.2	1370.9	1353.9
72.5°	599.1	648.5	746.0	935.4	1003.0	1062.7	1098.4	1116.9	1120.7	1113.1	1097.4
75°	503.1	505.7	527.7	631.3	694.6	758.4	798.6	810.3	802.7	779.6	739.6
77.5°	449.2	454.8	454.8	470.2	482.6	500.3	504.1	475.8	442.9	400.3	365.9
80°	376.8	396.3	409.9	421.3	422.6	419.1	409.7	393.7	368.4	336.0	300.1
82.5°	228.9	267.4	283.1	341.8	370.7	390.2	388.7	367.4	348.2	314.5	283.8
85°	57.7	62.3	67.6	87.9	98.5	120.3	133.9	140.3	142.6	130.9	118.5
87.5°	5.6	3.8	6.3	4.8	6.8	5.1	6.8	6.3	7.8	8.4	9.1
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2.5°	59.0	58.7	58.5	58.2	58.0	57.7	57.2	57.2	56.7	56.5	56.2
5°	65.6	65.1	64.8	64.3	63.6	63.0	62.3	61.3	60.5	60.3	59.8
7.5°	73.9	72.7	72.2	71.4	70.4	68.9	67.9	67.1	65.8	65.1	63.6
10°	83.3	82.0	80.5	79.0	77.5	75.7	74.4	73.4	71.4	70.4	68.6
12.5°	95.2	92.9	91.2	89.1	87.1	85.1	83.6	80.5	78.7	76.5	75.0
15°	107.4	105.3	103.3	100.8	97.7	94.4	92.9	90.1	87.9	84.3	82.3
17.5°	122.0	118.2	115.2	112.2	109.4	106.3	103.3	99.0	95.7	92.7	88.6
20°	136.5	131.9	128.6	124.6	120.5	115.7	112.2	109.1	104.6	100.5	96.2
22.5°	151.9	147.4	142.1	138.0	132.4	128.6	123.8	118.8	114.2	108.9	103.6
25°	170.7	165.9	159.8	154.5	148.1	142.8	137.0	131.2	125.6	119.5	112.7
27.5°	193.7	188.6	182.1	175.7	167.4	160.8	155.2	147.4	140.3	132.7	124.8
30°	222.8	217.3	209.2	200.0	191.7	184.3	176.5	166.1	158.3	149.1	139.0
32.5°	260.8	254.2	243.3	234.7	224.3	214.7	203.8	193.5	182.3	170.4	158.8
35°	308.7	302.6	289.9	277.3	265.9	254.5	240.8	228.9	213.2	198.8	183.8
37.5°	358.3	347.4	335.8	322.1	307.9	294.2	277.5	261.1	243.1	227.4	208.6
40°	415.0	401.8	392.2	377.5	357.5	338.0	322.6	302.1	279.5	258.5	236.5
42.5°	492.7	478.1	460.8	438.6	424.1	401.3	381.3	357.0	327.4	303.9	277.3
45°	582.6	562.6	545.9	524.4	506.9	478.6	455.3	422.9	393.2	362.3	329.9
47.5°	685.2	660.4	636.1	614.8	586.9	559.1	529.5	495.0	457.0	423.1	384.6
50°	802.9	767.7	734.1	706.7	668.5	636.3	604.2	565.4	523.4	484.4	440.6
52.5°	933.8	893.1	848.5	806.5	762.2	720.9	682.2	637.6	590.7	543.1	494.3
55°	1091.8	1061.2	1008.8	955.4	896.1	840.9	791.0	735.8	678.9	616.3	564.9
57.5°	1339.2	1324.3	1280.5	1227.1	1149.8	1082.7	998.2	930.6	848.0	761.9	695.6
60°	1674.5	1656.0	1631.4	1588.1	1526.9	1435.7	1342.5	1237.4	1111.8	992.6	879.4
62.5°	1853.3	1846.7	1826.7	1796.8	1739.6	1667.6	1573.7	1458.2	1316.4	1171.6	1027.3
63°	1858.6	1850.2	1833.0	1802.6	1752.2	1682.6	1590.4	1478.2	1339.5	1191.9	1044.5
65°	1786.7	1783.4	1765.9	1732.7	1698.3	1645.1	1573.7	1477.2	1360.8	1221.2	1074.6
67.5°	1584.6	1574.7	1547.9	1537.8	1513.7	1476.7	1422.3	1355.9	1272.6	1163.0	1036.4
70°	1340.2	1325.6	1291.9	1273.9	1244.5	1221.2	1188.1	1140.7	1089.3	1012.8	918.4
72.5°	1081.2	1050.8	1019.9	973.1	932.1	890.5	853.8	820.4	763.9	733.0	661.4
75°	702.2	647.0	594.0	523.1	459.3	402.9	347.9	320.1	262.1	238.5	204.8
77.5°	333.2	302.3	260.8	228.6	187.6	153.2	125.1	93.9	73.7	57.7	44.1
80°	268.9	242.8	217.8	188.6	157.8	125.8	96.5	72.2	51.1	35.4	25.1
82.5°	239.8	211.4	180.5	160.5	139.5	114.2	93.7	76.5	56.5	41.3	28.1
85°	93.2	78.5	60.5	49.4	38.5	31.7	28.6	19.8	15.4	12.2	9.4
87.5°	8.1	6.6	5.3	3.5	3.8	2.0	2.3	1.5	1.3	1.3	1.0
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2.5°	56.0	55.7	55.5	54.9	54.9	54.4	54.2	53.9	52.7	49.9	47.6
5°	58.7	58.2	57.7	57.0	56.5	55.7	55.2	54.4	51.7	46.3	41.8
7.5°	62.8	61.8	61.0	59.5	58.7	57.7	57.0	55.7	51.1	43.0	36.7
10°	67.6	65.8	64.6	62.8	61.3	60.0	58.7	57.0	50.6	39.5	32.2
12.5°	73.4	71.4	68.9	66.8	64.8	63.0	61.3	59.0	49.9	36.5	28.6
15°	79.3	76.2	74.4	71.7	68.9	66.3	63.8	61.8	50.1	33.2	25.6
17.5°	85.8	82.8	79.0	76.0	72.9	69.6	66.6	62.5	48.9	30.6	23.3
20°	92.2	87.9	84.3	80.5	76.2	72.2	68.4	64.8	47.9	28.1	21.3
22.5°	99.0	93.9	89.4	84.6	79.3	74.7	70.1	65.6	46.1	25.8	19.5
25°	107.4	101.5	95.0	89.1	83.6	78.0	72.2	66.6	44.3	23.8	18.2
27.5°	117.5	109.9	103.3	96.0	88.1	81.0	74.7	68.6	42.5	22.3	17.0
30°	130.4	121.5	112.2	102.8	94.4	86.3	77.5	69.9	40.8	20.8	15.7
32.5°	147.6	136.5	125.1	114.2	103.1	92.7	83.3	73.4	39.8	19.5	14.4
35°	170.4	156.0	142.1	128.4	115.0	102.3	90.1	79.0	39.8	18.0	12.9
37.5°	191.9	175.2	157.5	140.5	124.6	109.9	95.5	82.0	37.7	16.7	11.6
40°	215.2	195.2	174.5	154.5	135.2	117.0	100.5	85.1	36.0	15.2	10.4
42.5°	250.9	225.6	198.5	175.2	152.2	129.6	109.1	90.9	33.7	13.7	9.1
45°	297.8	265.6	233.7	205.4	176.0	148.4	124.1	101.5	33.2	12.4	7.8
47.5°	347.9	309.9	272.5	236.2	201.8	169.7	140.5	113.4	33.2	11.1	6.8
50°	397.8	350.2	310.2	268.2	229.4	191.4	156.7	125.8	33.4	10.1	5.6
52.5°	442.9	392.0	347.2	298.5	255.7	211.7	174.0	138.0	32.9	8.9	4.6
55°	505.4	445.7	393.7	340.1	289.9	240.3	197.5	156.2	33.2	7.8	3.8
57.5°	620.6	550.5	487.9	417.5	359.8	295.8	243.8	193.7	36.2	6.6	2.8
60°	786.0	694.8	606.9	521.1	447.7	371.5	304.1	245.1	42.5	5.3	2.0
62.5°	897.1	777.9	673.0	578.3	493.0	413.2	339.8	272.7	46.8	4.3	1.3
63°	908.5	785.2	679.9	582.1	495.0	415.3	341.3	274.7	47.1	4.1	1.3
65°	930.0	797.9	683.7	582.9	493.0	412.5	340.3	274.5	47.6	3.3	1.0
67.5°	905.5	778.4	661.6	561.1	475.3	396.0	327.7	264.4	47.4	2.3	0.8
70°	809.8	704.4	601.9	508.2	430.2	358.5	298.3	241.1	43.6	1.5	0.5
72.5°	594.5	522.9	443.4	375.8	324.1	269.2	229.7	181.0	33.7	1.0	0.3
75°	176.2	160.5	135.0	119.0	105.1	86.9	77.2	60.3	17.2	0.5	0.0
77.5°	35.2	31.9	28.6	26.1	24.6	21.0	20.0	16.5	7.1	0.3	0.0
80°	18.5	15.2	12.9	11.4	9.9	8.1	6.8	5.6	1.3	0.0	0.0
82.5°	17.7	11.9	8.6	7.1	6.1	4.8	3.8	2.8	0.8	0.0	0.0
85°	6.6	5.1	3.8	3.0	2.5	2.3	1.8	1.5	0.0	0.0	0.0
87.5°	1.0	0.8	0.8	0.5	0.5	0.3	0.3	0.3	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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CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2.5°	45.3	43.3	42.3	41.0	41.0	40.8	41.3
5°	37.7	34.9	32.9	31.4	31.7	30.9	31.1
7.5°	31.9	29.1	27.3	26.3	26.1	25.8	25.8
10°	27.6	25.1	23.5	22.8	22.5	22.5	22.5
12.5°	24.6	22.0	20.8	20.3	20.3	20.0	20.0
15°	22.0	20.0	18.7	18.2	18.2	18.0	18.2
17.5°	20.0	18.0	17.0	16.5	16.5	16.2	16.2
20°	18.2	16.5	15.4	14.7	14.7	14.4	14.7
22.5°	16.7	14.9	13.7	13.2	12.9	12.7	12.9
25°	15.2	13.4	12.2	11.4	11.1	11.1	10.9
27.5°	13.9	12.2	10.6	9.9	9.6	9.6	9.4
30°	12.7	10.6	9.1	8.4	8.1	8.1	8.1
32.5°	11.4	9.1	7.8	7.1	6.8	6.8	6.8
35°	10.1	7.8	6.6	5.8	5.6	5.6	5.6
37.5°	8.6	6.6	5.1	4.6	4.3	4.1	4.1
40°	7.3	5.1	3.8	3.3	2.8	2.8	2.8
42.5°	6.1	4.1	2.8	2.0	1.8	1.5	1.8
45°	5.1	3.0	1.8	1.0	0.8	0.8	0.8
47.5°	4.1	2.0	0.8	0.3	0.3	0.3	0.3
50°	3.0	1.3	0.3	0.0	0.0	0.3	0.3
52.5°	2.3	0.8	0.0	0.0	0.0	0.0	0.0
55°	1.3	0.3	0.0	0.0	0.0	0.0	0.0
57.5°	0.8	0.0	0.0	0.0	0.0	0.0	0.0
60°	0.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.3	0.0	0.0	0.0	0.0	0.0	0.0
63°	0.3	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.3	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	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

(END OF REPORT)