

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: P152731

Luminaire Tested: **VXS-E03-LED-E1-SLL-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152731
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: VXS-E03-LED-E1-SLL-7050
Description: VISION SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (63) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8565.3 lumens
Efficiency: N/A
Efficacy: 113.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G3

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

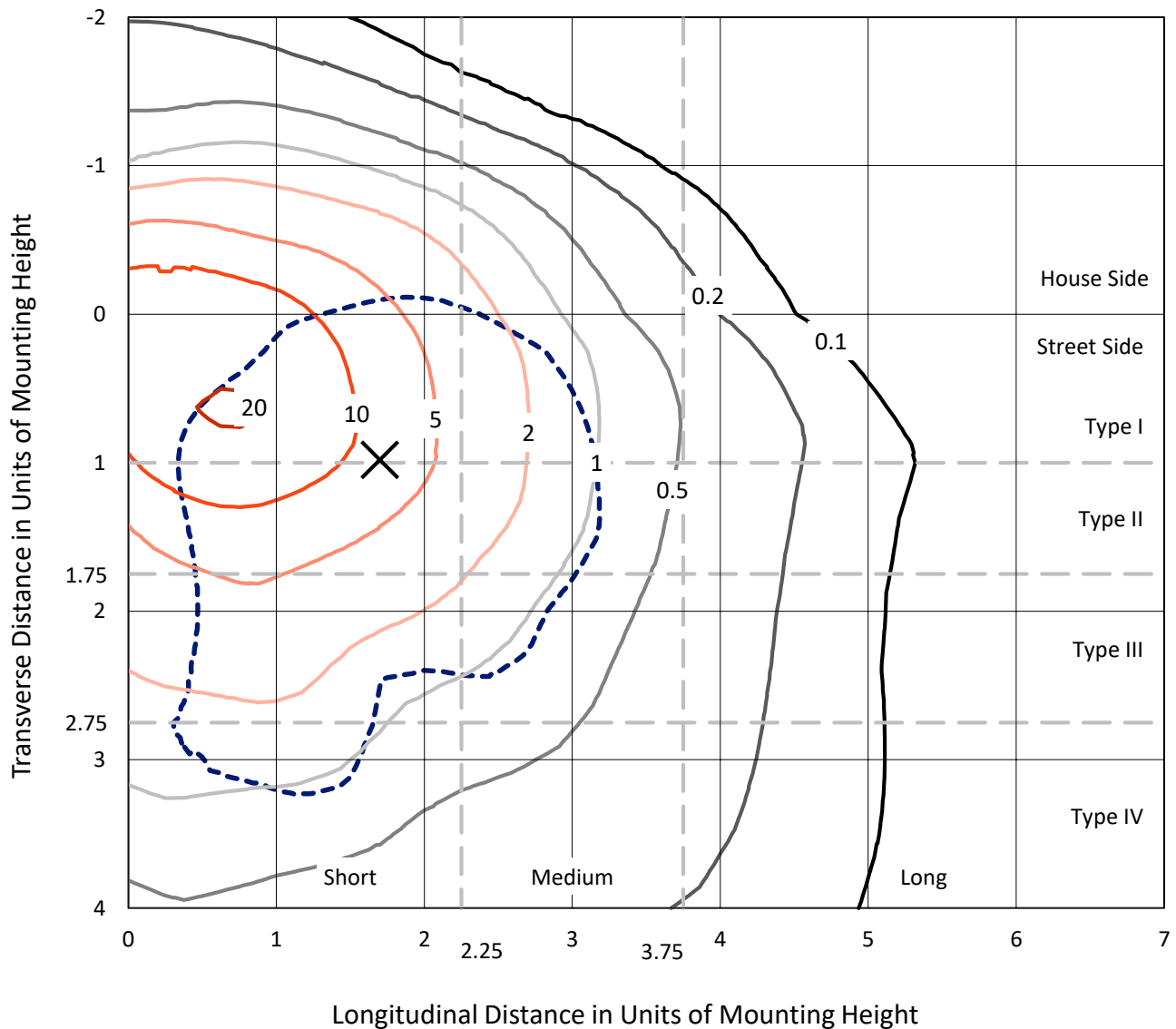


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

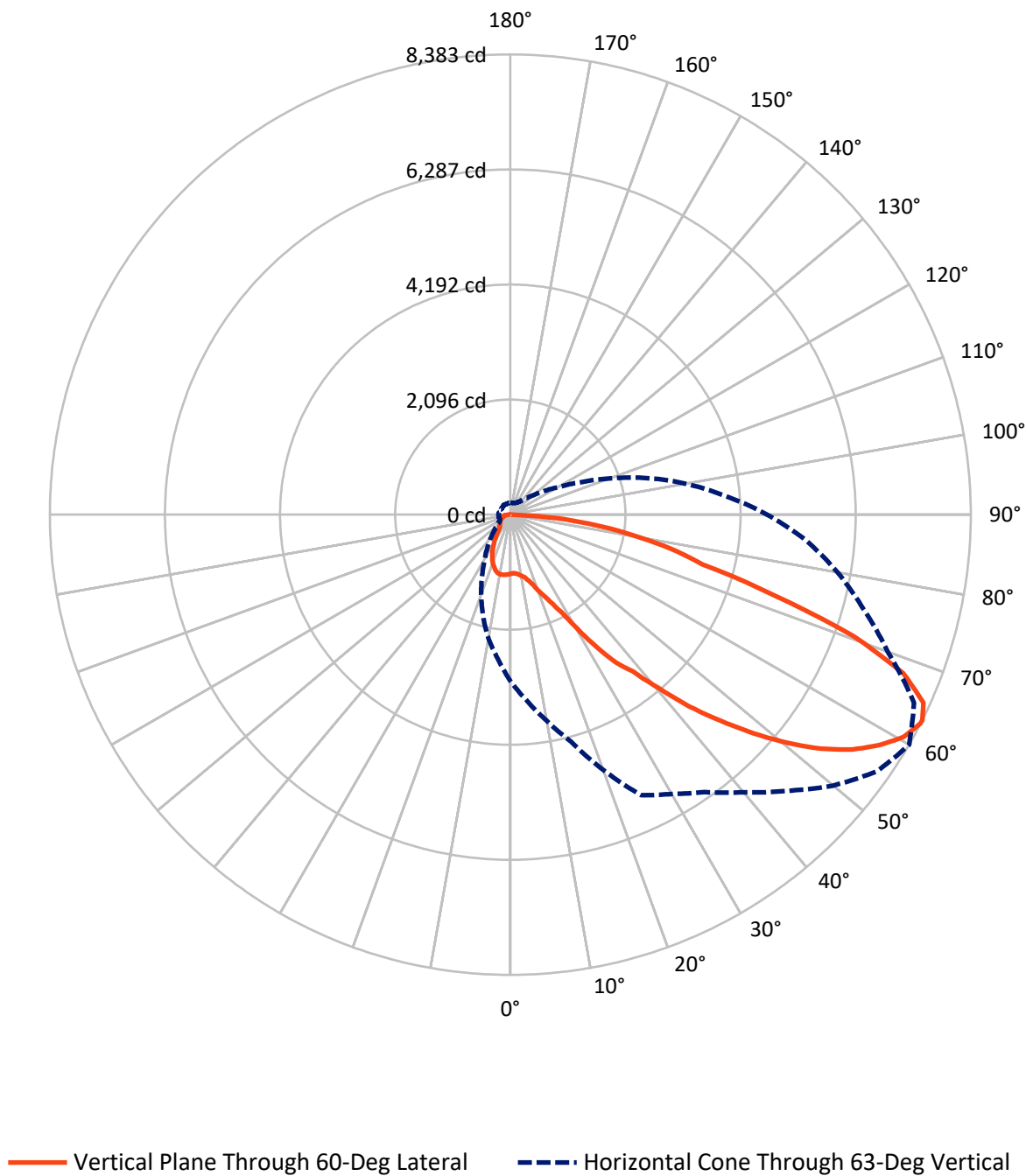


Based on 10 foot mounting height. Maximum calculated value = 21.3 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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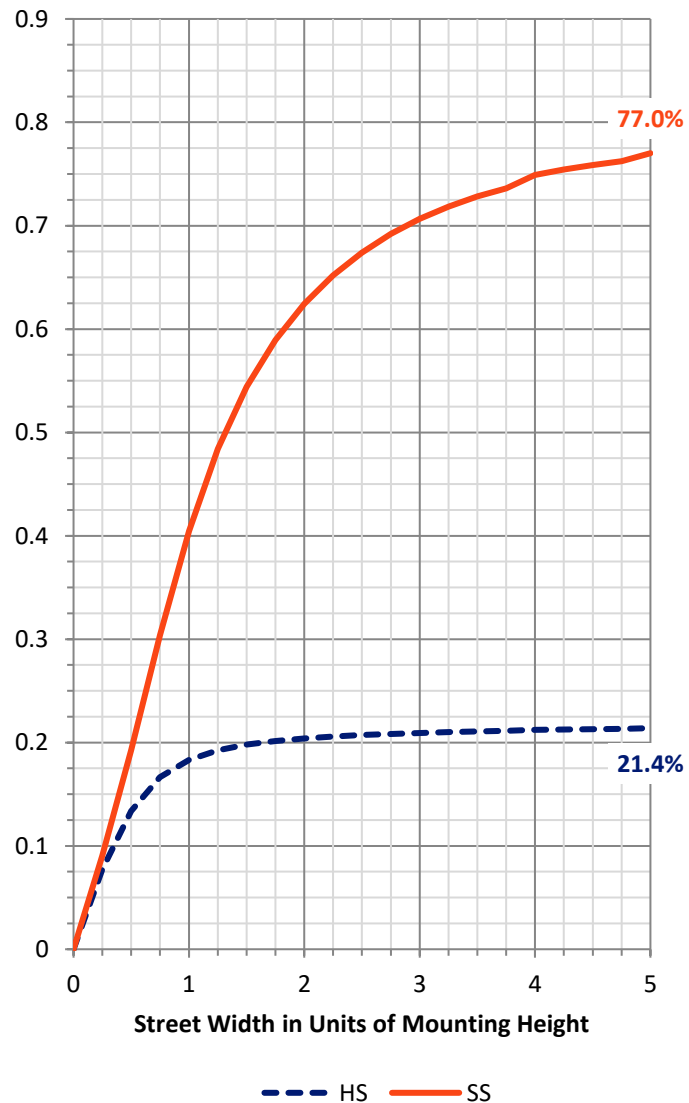
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1857.3	0.0	1857.3
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	6707.9	0.0	6707.9
	% Fixture	78.3	0.0	78.3
Total	Lumens	8565.3	0.0	8565.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	104.8	1.2
10°-20°	326.3	3.8
20°-30°	579.7	6.8
30°-40°	912.9	10.7
40°-50°	1343.6	15.7
50°-60°	1784.6	20.8
60°-70°	1965.8	23.0
70°-80°	1233.3	14.4
80°-90°	314.1	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°	8565.3	100.0
0°-180°	8565.3	100.0

Coefficient of Utilization



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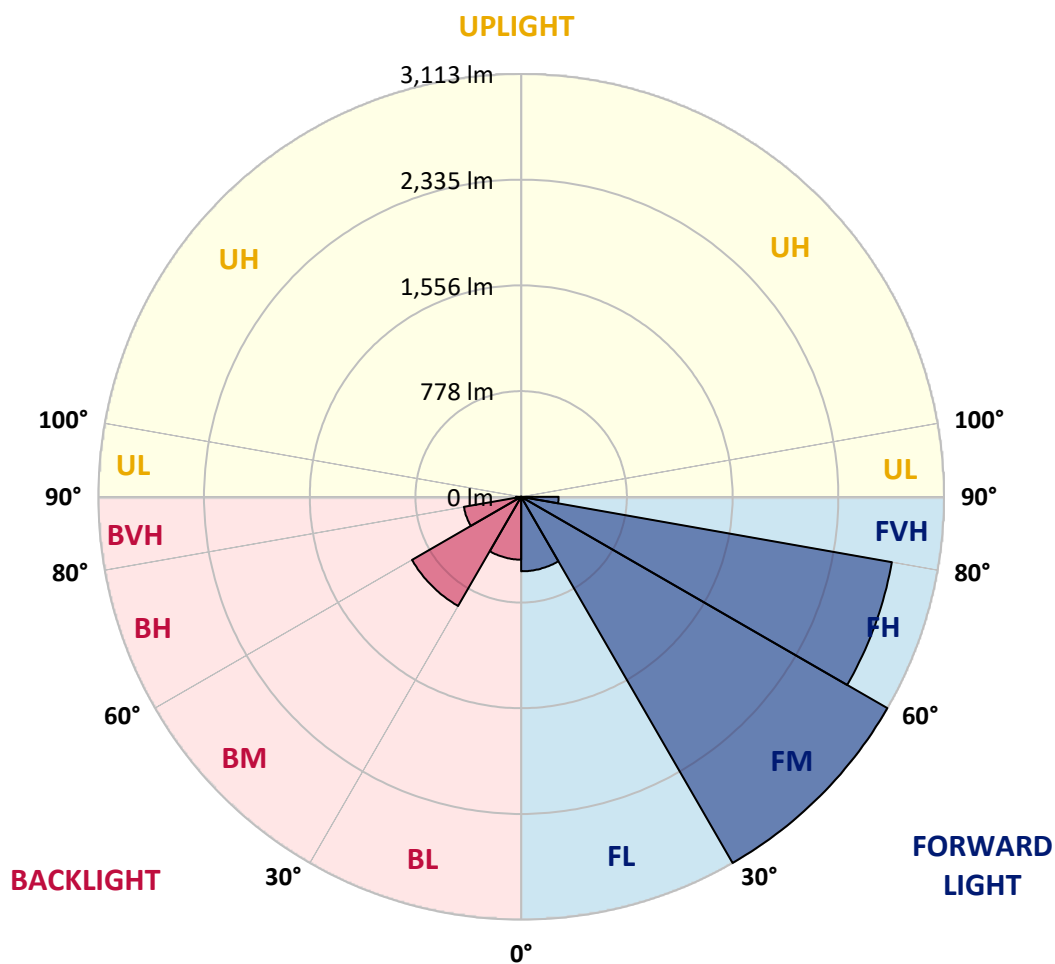
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	548.4	6.4			
FM	(30°-60°)	3112.8	36.3			
FH	(60°-80°)	2771.0	32.4			G2/5000
FVH	(80°-90°)	275.7	3.2			G3/500
BL	(0°-30°)	462.4	5.4	B1/500		
BM	(30°-60°)	928.3	10.8	B1/1000		
BH	(60°-80°)	428.1	5.0	B1/500		G1/500
BVH	(80°-90°)	38.5	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1062.0	1064.0	1064.0	1063.0	1063.0	1065.1	1064.0	1063.0	1060.0	1064.0	1064.0
5°	1053.8	1055.9	1055.9	1057.9	1060.0	1062.0	1062.0	1064.0	1063.0	1067.2	1070.3
7.5°	1064.0	1066.1	1070.3	1075.3	1078.4	1085.6	1085.6	1090.8	1092.8	1095.9	1094.8
10°	1077.4	1082.6	1091.8	1100.0	1106.1	1114.3	1120.5	1127.7	1127.7	1130.8	1132.8
12.5°	1101.0	1106.1	1116.4	1126.6	1135.9	1146.1	1155.4	1162.6	1169.7	1171.8	1176.0
15°	1140.0	1146.1	1161.6	1176.0	1187.3	1200.5	1212.8	1227.3	1240.5	1243.6	1245.7
17.5°	1198.4	1210.8	1222.1	1247.8	1264.1	1281.6	1301.1	1321.7	1325.7	1347.3	1352.4
20°	1281.6	1297.0	1307.3	1339.1	1366.7	1389.3	1418.0	1441.7	1450.9	1471.4	1491.9
22.5°	1425.3	1422.2	1437.6	1469.4	1489.9	1535.0	1559.7	1584.4	1596.6	1627.4	1643.8
25°	1618.1	1634.6	1668.5	1671.5	1691.0	1743.3	1775.1	1799.8	1800.8	1810.1	1827.5
27.5°	1808.0	1875.8	1929.1	1957.8	2010.2	2058.3	2056.3	2091.2	2036.8	2048.1	2064.6
30°	2037.8	2150.7	2251.3	2319.0	2372.3	2428.8	2456.5	2476.0	2452.4	2442.2	2422.6
32.5°	2253.4	2411.4	2566.3	2686.3	2785.9	2879.3	2940.8	2968.5	3001.3	3084.5	3114.2
35°	2401.0	2624.8	2817.7	2991.1	3157.3	3306.1	3413.9	3475.4	3451.8	3440.5	3434.4
37.5°	2489.3	2762.3	3003.4	3248.6	3439.5	3662.2	3829.4	3991.5	4028.5	3963.8	3932.0
40°	2544.8	2868.0	3177.8	3467.3	3714.5	4001.8	4209.1	4452.2	4637.0	4661.6	4585.7
42.5°	2571.4	2938.8	3300.0	3627.3	3961.8	4313.8	4576.5	4870.9	5146.9	5336.8	5289.5
45°	2575.5	2985.0	3389.2	3771.9	4170.1	4587.7	4926.3	5252.6	5622.1	5947.4	5956.6
47.5°	2575.5	3019.8	3450.8	3876.6	4356.9	4825.8	5195.1	5581.0	6033.5	6418.2	6536.3
50°	2577.6	3043.4	3508.3	3958.8	4499.5	5026.8	5444.6	5900.1	6376.3	6794.8	7022.7
52.5°	2586.8	3060.8	3553.4	4017.2	4591.8	5168.5	5638.4	6163.8	6637.9	7067.8	7362.3
55°	2607.4	3085.5	3586.2	4053.2	4653.4	5260.8	5779.1	6344.5	6807.2	7243.3	7654.7
57.5°	2664.8	3128.6	3626.2	4085.0	4687.3	5321.3	5877.5	6422.4	6871.8	7326.4	7809.6
60°	2779.7	3219.9	3695.0	4148.5	4743.7	5433.3	5924.8	6370.1	6824.7	7301.8	7844.6
62.5°	2963.4	3362.6	3790.5	4256.3	4904.8	5606.6	5888.8	6214.1	6638.9	7159.2	7720.4
63°	3027.0	3393.4	3812.0	4279.9	4948.9	5638.4	5873.5	6167.9	6600.9	7114.0	7676.3
65°	3204.6	3529.8	3914.6	4399.0	5130.6	5670.3	5753.4	5927.8	6338.2	6856.5	7415.6
67.5°	3536.0	3861.2	4135.2	4600.0	5283.4	5545.1	5380.9	5402.5	5831.4	6368.0	6870.8
70°	3745.3	4133.2	4275.8	4625.7	5255.8	5359.4	4898.7	4613.4	4957.1	5568.7	6008.9
72.5°	3690.9	4136.3	4120.8	4284.0	4701.7	4798.0	4320.9	3871.5	4075.6	4532.3	4817.6
75°	3161.5	3694.0	3581.1	3548.3	3695.0	3758.7	3400.5	3331.8	3589.3	3842.8	3846.8
77.5°	2275.9	2861.8	2729.4	2539.6	2529.3	2676.1	2724.4	3174.8	3555.4	3755.5	3667.3
80°	1449.8	2085.1	1947.6	1616.2	1611.0	1801.9	2225.6	2838.2	3241.5	3353.3	3123.4
82.5°	757.3	1364.8	1417.1	1212.8	1388.3	1704.4	2117.9	2287.2	2440.1	2455.4	2184.6
85°	472.0	839.4	987.2	1019.0	1253.9	1511.5	1508.4	1448.9	1381.1	1182.1	1069.2
87.5°	53.4	105.7	160.1	151.8	204.1	286.3	357.1	209.3	146.7	53.4	73.9
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°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1066.1	1067.2	1068.2	1068.2	1073.3	1072.3	1073.3	1075.3	1078.4	1080.5	1082.6
5°	1074.3	1074.3	1078.4	1081.6	1087.7	1091.8	1093.8	1100.0	1107.2	1105.1	1111.3
7.5°	1101.0	1100.0	1104.0	1106.1	1111.3	1118.4	1117.4	1122.6	1128.7	1130.8	1135.9
10°	1136.9	1133.9	1133.9	1131.8	1132.8	1130.8	1130.8	1130.8	1134.9	1133.9	1137.9
12.5°	1173.9	1172.8	1170.8	1164.7	1164.7	1156.4	1152.3	1147.2	1146.1	1139.0	1140.0
15°	1249.8	1249.8	1245.7	1233.4	1223.1	1216.0	1205.7	1198.4	1188.2	1174.9	1167.7
17.5°	1360.6	1346.2	1341.1	1339.1	1322.7	1316.5	1293.9	1270.4	1259.1	1240.5	1230.3
20°	1496.1	1493.0	1472.4	1462.2	1441.7	1413.0	1384.2	1353.5	1334.9	1312.4	1300.1
22.5°	1648.9	1626.4	1616.2	1600.7	1568.9	1536.1	1493.0	1451.9	1423.2	1407.8	1398.5
25°	1827.5	1804.9	1794.6	1774.1	1735.1	1700.2	1646.9	1598.7	1573.1	1547.4	1533.0
27.5°	2064.6	2043.0	2030.7	1977.3	1963.9	1906.5	1840.8	1775.1	1741.3	1703.3	1678.8
30°	2418.5	2419.6	2356.0	2291.3	2224.6	2125.1	2056.3	1982.5	1927.0	1872.6	1818.2
32.5°	3016.8	2863.8	2745.9	2607.4	2462.7	2357.0	2271.8	2183.5	2106.6	2027.6	1937.3
35°	3382.1	3308.2	3155.2	2901.9	2756.2	2627.9	2533.5	2426.7	2332.3	2192.7	2055.3
37.5°	3794.5	3623.2	3437.4	3296.9	3131.7	2982.9	2824.9	2703.8	2540.6	2352.8	2157.9
40°	4396.9	4151.6	3928.0	3739.2	3525.7	3369.7	3193.3	3017.8	2801.2	2529.3	2261.6
42.5°	5025.9	4772.4	4476.9	4231.7	3980.3	3797.6	3579.1	3332.7	3014.7	2678.1	2350.8
45°	5685.7	5347.0	4993.1	4693.4	4431.7	4205.0	3934.1	3607.8	3219.9	2811.5	2433.9
47.5°	6336.2	5947.4	5525.6	5203.4	4862.7	4585.7	4253.2	3840.7	3380.0	2937.7	2517.0
50°	6909.8	6535.2	6027.4	5617.9	5273.2	4931.5	4516.9	4020.3	3506.2	3046.5	2591.9
52.5°	7404.4	7082.2	6547.6	6030.5	5633.4	5249.5	4729.3	4165.0	3633.5	3147.0	2653.5
55°	7767.7	7553.2	7060.6	6419.3	5950.4	5492.7	4908.9	4304.6	3753.5	3227.2	2693.6
57.5°	8041.6	7922.6	7499.8	6785.6	6241.8	5728.7	5094.6	4471.8	3872.5	3295.9	2712.0
60°	8191.4	8224.2	7832.2	7105.8	6499.4	5925.8	5280.3	4614.4	3960.7	3335.9	2701.8
62.5°	8177.0	8378.1	8081.7	7302.8	6649.1	6042.7	5405.5	4681.1	3948.5	3272.2	2608.4
63°	8149.3	8383.3	8109.3	7316.2	6658.4	6046.8	5408.6	4671.8	3922.8	3241.5	2571.4
65°	7910.3	8265.3	8085.7	7255.5	6576.3	5969.8	5343.9	4538.4	3742.2	3076.3	2381.6
67.5°	7269.9	7714.3	7663.0	6827.7	6187.5	5651.8	5013.6	4108.5	3295.9	2669.9	2018.3
70°	6212.0	6629.6	6638.9	5938.0	5403.4	4878.1	4347.6	3343.0	2612.4	2069.6	1505.3
72.5°	4761.1	5029.9	5123.3	4661.6	4303.5	3934.1	3457.9	2426.7	1862.4	1407.8	979.9
75°	3686.8	3613.0	3611.9	3416.9	3271.2	3090.7	2567.4	1637.6	1223.1	915.3	599.3
77.5°	3314.3	2986.0	2667.9	2433.9	2317.0	2256.4	1683.8	987.2	721.3	526.4	344.8
80°	2733.6	2249.2	1817.2	1564.8	1464.2	1534.0	938.9	533.6	395.0	299.6	223.7
82.5°	1885.0	1564.8	1189.2	985.1	845.5	884.5	480.2	273.0	182.7	167.3	138.5
85°	982.0	860.9	726.5	623.8	551.0	484.4	249.3	130.4	76.0	66.7	60.5
87.5°	0.0	1.0	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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1085.6	1084.6	1086.6	1087.7	1090.8	1092.8	1093.8	1091.8	1094.8	1097.9	1095.9
5°	1114.3	1121.6	1122.6	1125.6	1125.6	1131.8	1131.8	1131.8	1130.8	1131.8	1129.7
7.5°	1139.0	1148.2	1149.2	1153.4	1154.4	1161.6	1158.4	1160.5	1160.5	1155.4	1153.4
10°	1142.1	1151.3	1156.4	1161.6	1168.7	1177.9	1177.9	1183.1	1183.1	1179.0	1177.9
12.5°	1143.1	1150.3	1155.4	1162.6	1172.8	1186.2	1193.4	1200.5	1203.6	1202.6	1199.5
15°	1164.7	1164.7	1165.7	1171.8	1179.0	1195.4	1205.7	1213.9	1219.0	1217.0	1211.8
17.5°	1221.0	1212.8	1206.7	1196.5	1198.4	1206.7	1212.8	1220.0	1221.0	1219.0	1210.8
20°	1286.7	1276.5	1261.0	1244.7	1236.5	1230.3	1226.2	1226.2	1223.1	1212.8	1199.5
22.5°	1380.1	1366.7	1345.2	1320.6	1304.1	1284.7	1261.0	1238.5	1213.9	1189.2	1160.5
25°	1509.4	1490.9	1468.4	1430.4	1395.5	1354.5	1306.2	1256.0	1197.5	1146.1	1104.0
27.5°	1639.7	1598.7	1540.2	1487.9	1423.2	1361.7	1292.8	1231.3	1156.4	1094.8	1048.7
30°	1747.5	1669.4	1585.3	1502.2	1417.1	1333.9	1251.8	1177.9	1095.9	1033.3	988.2
32.5°	1830.6	1722.8	1605.9	1497.1	1392.4	1290.9	1196.5	1114.3	1031.2	966.6	918.3
35°	1907.6	1757.7	1608.9	1474.5	1345.2	1239.6	1132.8	1043.5	955.3	887.6	835.2
37.5°	1965.0	1774.1	1590.5	1432.4	1283.6	1165.7	1056.9	965.6	875.2	801.3	741.9
40°	2002.0	1763.8	1550.5	1371.9	1210.8	1086.6	975.9	881.5	794.2	713.2	641.3
42.5°	2031.7	1750.6	1510.5	1316.5	1153.4	1017.9	904.0	802.4	714.2	625.9	546.9
45°	2075.9	1760.8	1493.0	1277.5	1102.1	959.4	834.2	728.5	636.2	549.9	474.1
47.5°	2118.9	1765.9	1467.4	1229.2	1037.4	898.9	771.6	669.0	574.6	495.6	425.8
50°	2157.9	1762.8	1427.4	1167.7	974.8	838.3	715.2	612.5	519.2	446.3	380.7
52.5°	2176.4	1745.4	1378.0	1108.2	924.6	785.0	659.8	560.2	467.9	399.2	338.7
55°	2174.3	1700.2	1313.4	1051.7	869.1	728.5	605.4	506.9	423.7	360.2	307.9
57.5°	2143.5	1630.5	1244.7	989.1	796.3	658.8	541.8	446.3	376.6	323.2	279.1
60°	2078.9	1541.2	1154.4	897.8	705.0	572.5	462.8	380.7	324.2	283.2	254.5
62.5°	1957.8	1413.0	1041.5	770.6	581.8	460.7	365.3	311.9	269.8	245.3	231.9
63°	1921.9	1378.0	993.3	739.8	553.1	435.0	344.8	289.3	258.5	237.0	224.8
65°	1743.3	1206.7	831.2	597.2	429.9	335.5	277.1	235.0	216.5	207.3	206.2
67.5°	1411.9	949.1	588.0	409.4	292.4	242.2	212.4	194.9	186.7	184.7	186.7
70°	991.2	599.3	373.5	271.9	216.5	194.9	181.7	174.4	169.3	170.4	172.4
72.5°	632.1	359.2	256.5	206.2	182.7	171.4	165.2	163.1	162.2	161.1	161.1
75°	360.2	239.1	197.0	178.5	166.2	157.0	151.8	149.8	150.9	151.8	149.8
77.5°	238.0	197.0	175.4	163.1	151.8	141.6	138.5	137.5	139.6	141.6	141.6
80°	187.8	175.4	163.1	150.9	132.3	125.2	127.3	128.3	127.3	128.3	125.2
82.5°	132.3	130.4	133.4	128.3	109.8	103.6	101.6	102.6	100.5	100.5	98.5
85°	61.6	61.6	64.7	64.7	62.6	63.6	68.7	74.9	78.0	74.9	70.8
87.5°	0.0	0.0	0.0	0.0	0.0	9.2	18.4	26.6	28.7	36.0	34.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P152731

CATALOG NUMBER: VXS-E03-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1092.8	1094.8	1093.8	1092.8	1094.8	1092.8	1093.8	1092.8	1092.8	1091.8	1091.8
5°	1127.7	1130.8	1124.7	1123.6	1121.6	1116.4	1116.4	1114.3	1114.3	1110.3	1107.2
7.5°	1150.3	1151.3	1146.1	1145.2	1140.0	1134.9	1130.8	1126.6	1125.6	1122.6	1116.4
10°	1171.8	1169.7	1165.7	1160.5	1155.4	1148.2	1143.1	1137.9	1136.9	1131.8	1124.7
12.5°	1190.3	1189.2	1181.0	1176.0	1167.7	1160.5	1154.4	1148.2	1145.2	1139.0	1128.7
15°	1202.6	1196.5	1186.2	1176.9	1167.7	1159.5	1152.3	1145.2	1142.1	1134.9	1124.7
17.5°	1197.5	1186.2	1172.8	1161.6	1149.2	1139.0	1132.8	1125.6	1120.5	1116.4	1102.1
20°	1179.0	1162.6	1142.1	1128.7	1112.3	1099.0	1094.8	1087.7	1083.5	1068.2	1049.7
22.5°	1130.8	1107.2	1081.6	1062.0	1043.5	1030.3	1020.0	1012.7	1002.5	993.3	964.6
25°	1070.3	1043.5	1016.9	993.3	968.6	948.1	929.6	912.2	907.0	887.6	859.9
27.5°	1011.7	982.0	955.3	927.6	895.8	870.2	838.3	813.7	797.3	776.8	751.1
30°	949.1	919.4	883.5	846.5	809.6	781.9	746.0	716.3	695.8	674.2	650.6
32.5°	870.2	834.2	791.1	750.1	716.3	683.4	647.5	618.8	598.2	578.8	556.2
35°	779.8	732.6	686.4	641.3	605.4	577.7	545.9	524.4	509.9	492.5	468.9
37.5°	676.2	622.8	573.6	538.8	506.9	480.2	457.6	444.4	428.9	419.7	405.3
40°	571.5	519.2	471.0	439.2	412.5	397.1	384.8	381.8	371.4	359.2	349.9
42.5°	479.2	428.9	381.8	356.1	338.7	334.5	328.4	328.4	323.2	314.0	307.9
45°	416.6	364.2	323.2	304.8	295.5	294.5	291.4	291.4	290.4	286.3	279.1
47.5°	371.4	324.2	292.4	281.1	279.1	277.1	274.0	273.0	271.9	268.8	264.8
50°	330.4	290.4	269.8	264.8	265.8	262.7	259.6	256.5	255.5	252.4	248.3
52.5°	292.4	263.7	250.4	247.3	247.3	247.3	245.3	245.3	243.2	242.2	238.0
55°	270.9	249.3	242.2	241.1	240.1	239.1	237.0	237.0	235.0	234.0	228.8
57.5°	252.4	239.1	235.0	233.0	231.9	229.8	228.8	228.8	228.8	228.8	222.7
60°	238.0	231.9	230.9	228.8	227.8	223.7	221.7	220.6	221.7	222.7	216.5
62.5°	222.7	221.7	220.6	218.5	217.5	213.5	210.4	208.3	210.4	212.4	211.4
63°	218.5	217.5	217.5	216.5	215.4	210.4	207.3	205.2	207.3	209.3	209.3
65°	204.1	205.2	205.2	204.1	203.2	200.1	196.0	193.9	194.9	198.0	199.1
67.5°	188.8	189.8	188.8	189.8	188.8	186.7	183.6	181.7	180.6	181.7	182.7
70°	174.4	176.5	175.4	174.4	173.4	173.4	171.4	168.3	167.3	166.2	166.2
72.5°	162.2	162.2	160.1	160.1	159.1	159.1	157.0	153.9	152.8	152.8	150.9
75°	148.8	148.8	145.7	145.7	143.6	144.7	142.6	139.6	138.5	138.5	137.5
77.5°	140.6	137.5	132.3	131.3	130.4	130.4	129.3	126.2	125.2	125.2	124.1
80°	124.1	118.0	112.8	111.8	112.8	114.9	114.9	112.8	112.8	112.8	112.8
82.5°	96.5	94.4	91.3	89.2	89.2	92.3	96.5	98.5	100.5	102.6	102.6
85°	70.8	71.8	70.8	67.8	66.7	69.7	73.9	78.0	79.0	83.1	82.1
87.5°	37.9	39.0	36.0	34.9	37.9	40.0	44.1	45.2	47.2	48.2	49.2
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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CATALOG NUMBER: VXS-E03-LED-E1-SLL-7050

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
2.5°	1090.8	1089.7	1090.8	1088.7	1088.7	1086.6	1084.6	1083.5	1081.6	1080.5	1078.4
5°	1109.2	1106.1	1103.1	1102.1	1097.9	1093.8	1090.8	1085.6	1081.6	1074.3	1072.3
7.5°	1121.6	1114.3	1110.3	1109.2	1103.1	1100.0	1092.8	1086.6	1080.5	1071.3	1068.2
10°	1126.6	1119.5	1112.3	1109.2	1102.1	1096.9	1089.7	1080.5	1075.3	1066.1	1064.0
12.5°	1132.8	1119.5	1108.2	1100.0	1089.7	1078.4	1071.3	1066.1	1059.0	1053.8	1051.7
15°	1121.6	1104.0	1086.6	1071.3	1054.8	1042.5	1035.3	1027.2	1019.0	1015.9	1015.9
17.5°	1090.8	1068.2	1038.4	1019.0	1001.5	988.2	978.9	970.7	969.6	965.6	967.7
20°	1027.2	997.4	968.6	954.3	944.0	935.9	926.5	922.5	919.4	913.3	911.2
22.5°	938.9	914.3	893.8	883.5	875.2	865.0	856.8	844.5	841.5	835.2	832.1
25°	841.5	821.9	804.5	797.3	792.1	777.8	772.6	756.3	745.0	737.7	741.9
27.5°	743.9	729.5	713.2	703.9	700.8	687.5	682.4	663.9	654.6	654.6	644.4
30°	643.4	630.1	619.8	609.5	607.5	591.1	577.7	570.5	560.2	556.2	549.0
32.5°	549.0	535.6	527.5	522.3	514.1	500.7	487.4	475.1	458.7	452.5	449.4
35°	461.8	451.5	441.2	437.1	425.8	411.5	395.0	384.8	365.3	358.1	355.0
37.5°	395.0	382.7	375.5	364.2	353.0	337.6	325.3	316.1	308.8	305.8	305.8
40°	341.7	332.4	324.2	315.0	305.8	297.6	291.4	289.3	288.3	288.3	290.4
42.5°	301.7	293.5	289.3	284.2	281.1	281.1	280.1	281.1	282.2	283.2	286.3
45°	275.0	269.8	267.8	266.7	268.8	270.9	271.9	274.0	278.0	280.1	281.1
47.5°	260.6	256.5	255.5	256.5	259.6	263.7	267.8	270.9	274.0	275.0	276.1
50°	246.2	241.1	239.1	241.1	245.3	251.4	254.5	259.6	261.7	263.7	261.7
52.5°	234.0	229.8	228.8	228.8	233.0	237.0	241.1	245.3	246.2	246.2	245.3
55°	223.7	220.6	217.5	219.6	222.7	226.7	233.0	236.0	238.0	239.1	239.1
57.5°	215.4	212.4	209.3	211.4	214.5	218.5	224.8	227.8	229.8	233.0	234.0
60°	209.3	205.2	202.2	205.2	208.3	214.5	219.6	222.7	227.8	228.8	228.8
62.5°	203.2	199.1	193.9	197.0	197.0	200.1	205.2	209.3	214.5	216.5	216.5
63°	202.2	198.0	193.0	194.9	194.9	197.0	201.1	205.2	211.4	213.5	212.4
65°	193.9	193.0	187.8	187.8	185.7	187.8	190.9	194.9	198.0	201.1	201.1
67.5°	180.6	179.6	178.5	178.5	178.5	180.6	182.7	185.7	188.8	190.9	189.8
70°	165.2	165.2	165.2	166.2	166.2	168.3	169.3	168.3	171.4	173.4	172.4
72.5°	151.8	150.9	149.8	151.8	150.9	150.9	152.8	151.8	154.9	154.9	156.0
75°	137.5	136.5	136.5	137.5	135.4	133.4	134.4	134.4	135.4	135.4	137.5
77.5°	125.2	125.2	125.2	124.1	122.1	121.0	120.1	120.1	120.1	120.1	121.0
80°	113.9	113.9	113.9	112.8	110.8	108.8	106.7	105.7	104.7	99.5	99.5
82.5°	102.6	102.6	102.6	102.6	101.6	99.5	96.5	88.3	84.1	80.0	81.0
85°	81.0	83.1	85.2	88.3	87.3	87.3	81.0	70.8	64.7	60.5	61.6
87.5°	52.3	46.2	46.2	45.2	43.1	41.0	41.0	34.9	28.7	25.7	26.6
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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CATALOG NUMBER: VXS-E03-LED-E1-SLL-7050

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	0°
2.5°	1078.4	1076.4	1074.3	1074.3	1071.3	1071.3	1069.2	1073.3	1069.2	1066.1	1066.1	2.5°
5°	1070.3	1068.2	1062.0	1061.0	1056.9	1056.9	1056.9	1054.8	1054.8	1052.7	1051.7	5°
7.5°	1065.1	1060.0	1054.8	1051.7	1051.7	1049.7	1053.8	1051.7	1052.7	1052.7	1053.8	7.5°
10°	1061.0	1056.9	1054.8	1053.8	1053.8	1056.9	1060.0	1061.0	1060.0	1061.0	1061.0	10°
12.5°	1050.8	1052.7	1053.8	1057.9	1063.0	1069.2	1076.4	1077.4	1079.5	1079.5	1081.6	12.5°
15°	1017.9	1023.0	1029.2	1039.5	1052.7	1066.1	1079.5	1090.8	1101.0	1106.1	1110.3	15°
17.5°	971.7	976.9	988.2	999.4	1016.9	1036.4	1059.0	1078.4	1100.0	1119.5	1139.0	17.5°
20°	909.1	917.3	920.4	940.9	961.5	988.2	1014.8	1045.6	1082.6	1119.5	1157.4	20°
22.5°	828.1	837.3	851.7	868.1	889.6	922.5	954.3	1002.5	1051.7	1104.0	1163.6	22.5°
25°	737.7	748.0	760.3	777.8	799.4	834.2	880.4	931.7	992.2	1061.0	1134.9	25°
27.5°	644.4	654.6	664.9	677.2	701.9	738.8	793.2	846.5	913.3	988.2	1074.3	27.5°
30°	551.0	552.0	558.2	573.6	599.3	647.5	687.5	754.2	823.9	903.0	1002.5	30°
32.5°	448.4	447.4	454.6	467.9	492.5	538.8	588.0	652.6	721.3	820.9	923.5	32.5°
35°	357.1	357.1	370.5	383.7	411.5	444.4	487.4	544.9	625.9	718.2	820.9	35°
37.5°	308.8	316.1	324.2	337.6	359.2	384.8	422.8	473.1	536.7	624.9	719.3	37.5°
40°	293.5	297.6	304.8	317.1	335.5	359.2	386.8	424.8	474.1	544.9	631.1	40°
42.5°	287.4	288.3	292.4	301.7	318.1	341.7	370.5	404.2	441.2	491.5	566.4	42.5°
45°	281.1	280.1	282.2	289.3	302.7	329.4	362.2	399.2	436.1	478.1	539.7	45°
47.5°	276.1	276.1	276.1	279.1	291.4	318.1	356.1	399.2	443.3	490.5	551.0	47.5°
50°	261.7	260.6	260.6	262.7	271.9	300.6	345.8	398.1	455.5	517.2	585.9	50°
52.5°	245.3	245.3	246.2	247.3	255.5	284.2	334.5	398.1	469.9	552.0	638.2	52.5°
55°	240.1	241.1	242.2	241.1	247.3	271.9	322.2	392.0	476.1	579.8	694.7	55°
57.5°	236.0	238.0	238.0	237.0	241.1	261.7	309.8	379.7	471.0	590.1	734.7	57.5°
60°	229.8	229.8	229.8	226.7	228.8	247.3	291.4	360.2	454.6	580.7	740.8	60°
62.5°	216.5	216.5	214.5	213.5	212.4	226.7	266.7	331.4	424.8	556.2	725.5	62.5°
63°	213.5	212.4	212.4	209.3	209.3	222.7	261.7	327.4	416.6	549.9	719.3	63°
65°	202.2	202.2	202.2	200.1	199.1	209.3	241.1	298.5	384.8	521.2	688.5	65°
67.5°	189.8	190.9	188.8	187.8	186.7	193.0	217.5	262.7	335.5	460.7	631.1	67.5°
70°	172.4	173.4	173.4	172.4	171.4	175.4	190.9	225.7	278.0	383.7	537.7	70°
72.5°	157.0	159.1	159.1	161.1	161.1	164.1	170.4	187.8	222.7	299.6	422.8	72.5°
75°	140.6	141.6	143.6	145.7	143.6	142.6	143.6	157.0	174.4	221.7	301.7	75°
77.5°	126.2	129.3	129.3	128.3	125.2	123.1	123.1	129.3	143.6	168.3	215.4	77.5°
80°	104.7	109.8	110.8	107.8	104.7	104.7	106.7	110.8	120.1	138.5	163.1	80°
82.5°	84.1	89.2	90.3	91.3	90.3	93.4	93.4	94.4	99.5	113.9	133.4	82.5°
85°	64.7	68.7	71.8	72.8	73.9	74.9	73.9	68.7	71.8	81.0	90.3	85°
87.5°	28.7	29.7	27.7	28.7	27.7	28.7	29.7	24.7	23.6	31.8	32.8	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°
1076.4	1076.4	1076.4	1076.4	1076.4	1076.4	1076.4
1065.1	1065.1	1066.1	1064.0	1064.0	1065.1	1062.0
1048.7	1052.7	1052.7	1052.7	1050.8	1052.7	1053.8
1052.7	1055.9	1057.9	1057.9	1056.9	1061.0	1064.0
1057.9	1063.0	1065.1	1065.1	1065.1	1070.3	1077.4
1077.4	1081.6	1084.6	1084.6	1086.6	1092.8	1101.0
1113.4	1118.4	1118.4	1117.4	1123.6	1130.8	1140.0
1153.4	1167.7	1174.9	1173.9	1179.0	1188.2	1198.4
1191.3	1231.3	1248.8	1261.0	1266.2	1278.5	1281.6
1223.1	1289.8	1338.0	1379.1	1398.5	1410.9	1425.3
1211.8	1302.2	1388.3	1472.4	1532.0	1592.5	1618.1
1165.7	1278.5	1391.4	1514.5	1622.3	1730.1	1808.0
1109.2	1244.7	1396.6	1571.0	1741.3	1906.5	2037.8
1044.6	1212.8	1407.8	1623.3	1846.9	2063.5	2253.4
963.5	1152.3	1380.1	1628.4	1892.1	2154.8	2401.0
860.9	1070.3	1315.4	1591.5	1894.2	2194.8	2489.3
758.3	966.6	1233.4	1538.1	1867.5	2204.0	2544.8
686.4	874.2	1150.3	1470.4	1824.5	2189.7	2571.4
637.2	807.6	1076.4	1408.8	1778.2	2164.0	2575.5
633.1	778.9	1028.2	1363.7	1741.3	2141.5	2575.5
668.0	794.2	1011.7	1341.1	1725.9	2134.3	2577.6
733.7	855.8	1041.5	1358.5	1738.2	2143.5	2586.8
812.6	949.1	1121.6	1419.1	1790.6	2174.3	2607.4
884.5	1056.9	1258.0	1536.1	1886.0	2252.3	2664.8
926.5	1149.2	1402.7	1700.2	2049.1	2407.3	2779.7
931.7	1200.5	1531.0	1878.8	2247.2	2584.8	2963.4
927.6	1204.7	1547.4	1912.6	2289.2	2628.9	3027.0
905.0	1205.7	1593.6	2031.7	2434.9	2814.6	3204.6
847.6	1172.8	1609.9	2125.1	2618.7	3058.9	3536.0
748.0	1079.5	1561.8	2127.2	2689.4	3195.3	3745.3
601.3	902.0	1353.5	1935.2	2502.7	3060.8	3690.9
440.2	662.9	1023.0	1499.2	2042.0	2547.8	3161.5
292.4	428.9	689.5	1068.2	1464.2	1833.7	2275.9
201.1	265.8	403.2	642.4	895.8	1075.3	1449.8
147.8	175.4	223.7	328.4	431.0	530.5	757.3
92.3	100.5	111.8	162.2	231.9	313.0	472.0
24.7	25.7	23.6	31.8	50.3	48.2	53.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)