

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: P153328

Luminaire Tested: **VXS-E06-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153328
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-E06-LED-E1-SLR-8030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (126) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14090.2 lumens
Efficiency: N/A
Efficacy: 93.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 150.5
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



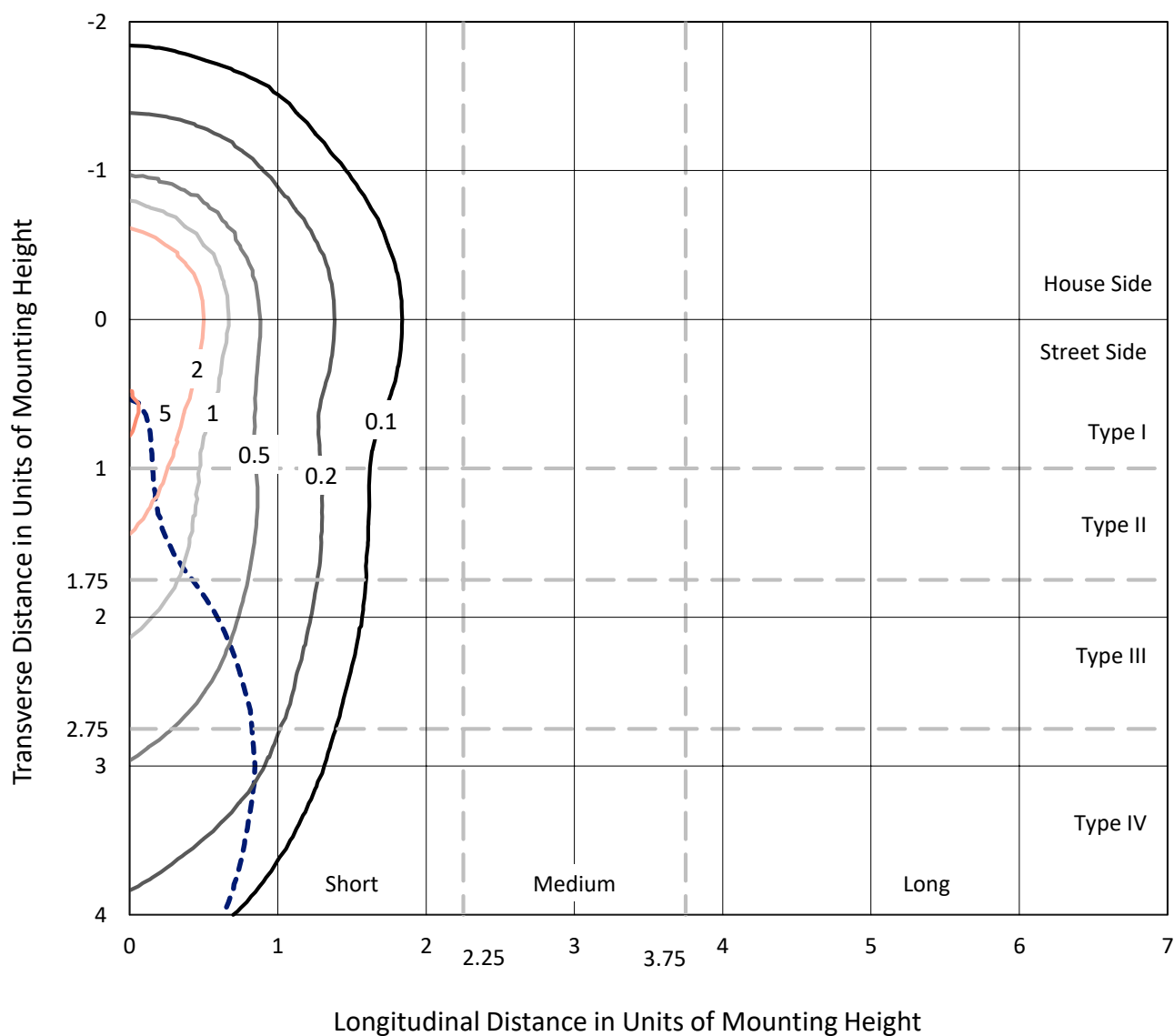
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

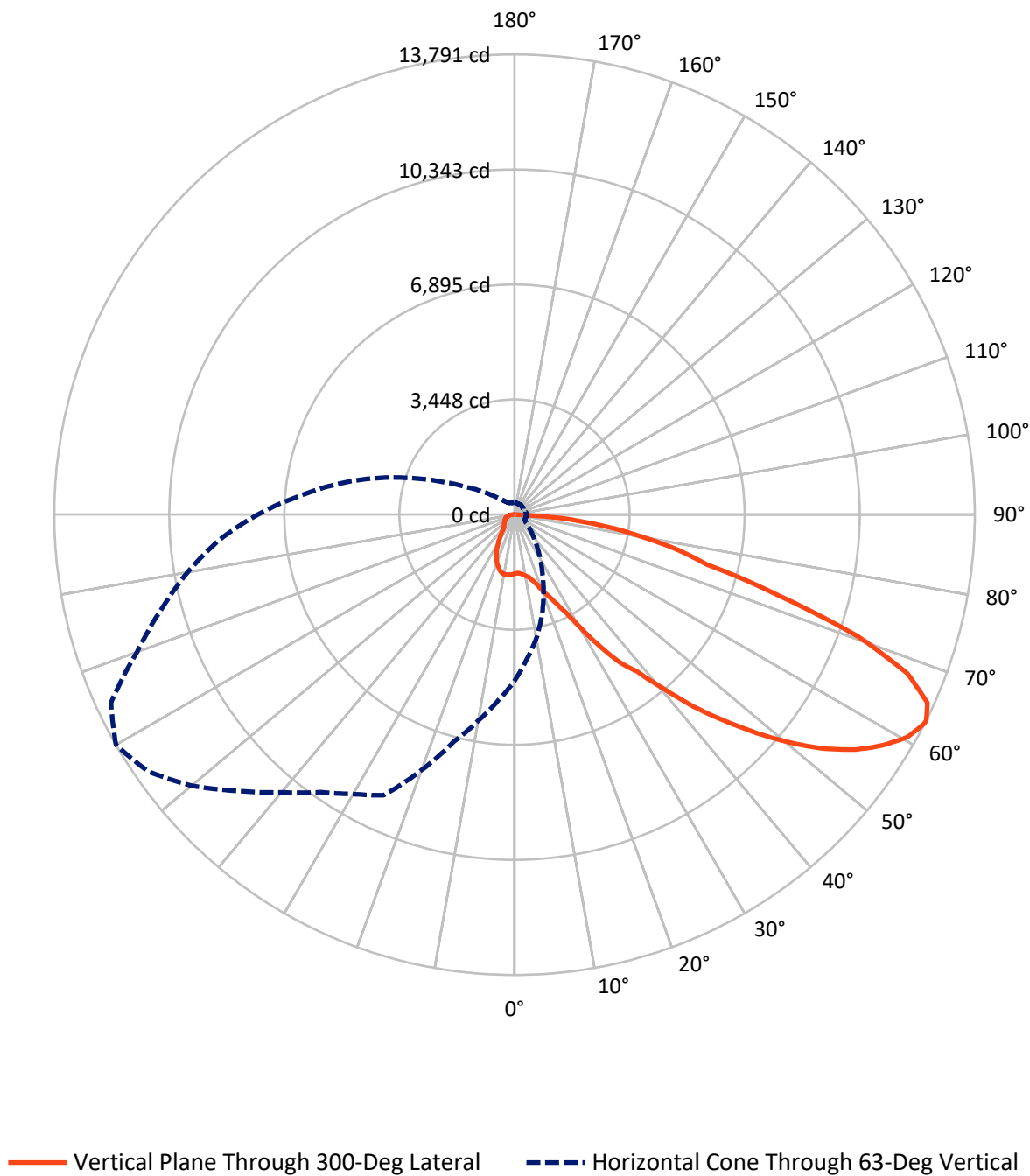


Based on 20 foot mounting height. Maximum calculated value = 5.5 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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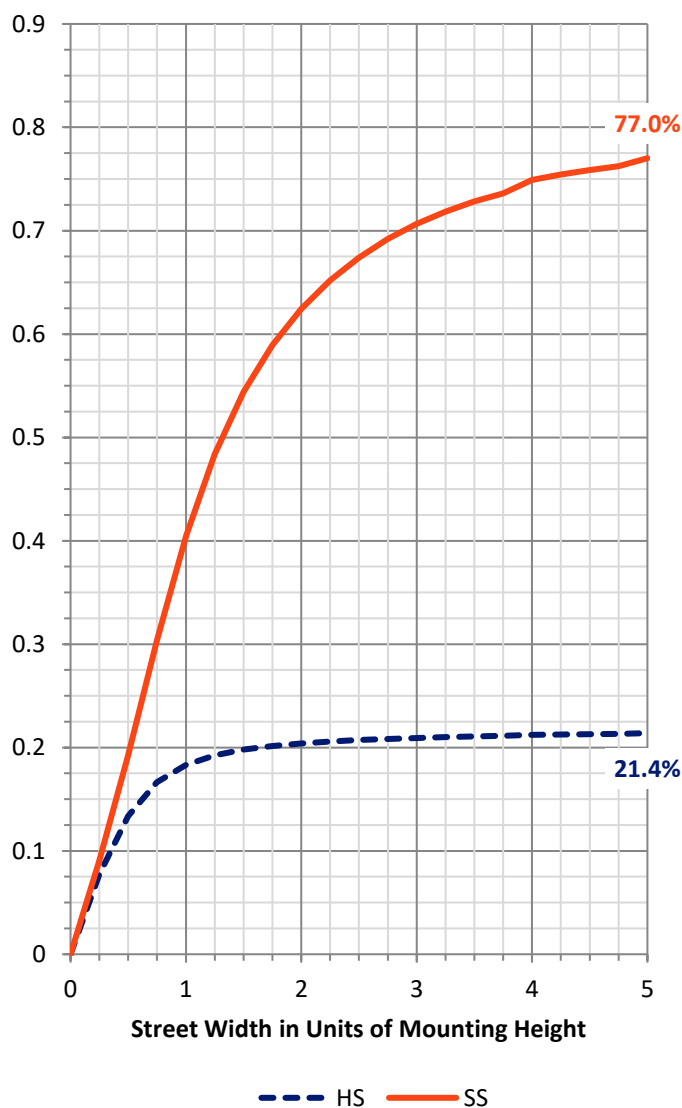
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3055.4	0.0	3055.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	11034.8	0.0	11034.8
	% Fixture	78.3	0.0	78.3
Total	Lumens	14090.2	0.0	14090.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	172.4	1.2
10°-20°	536.8	3.8
20°-30°	953.7	6.8
30°-40°	1501.8	10.7
40°-50°	2210.2	15.7
50°-60°	2935.8	20.8
60°-70°	3233.8	23.0
70°-80°	2028.9	14.4
80°-90°	516.7	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°	14090.2	100.0
0°-180°	14090.2	100.0

Coefficient of Utilization



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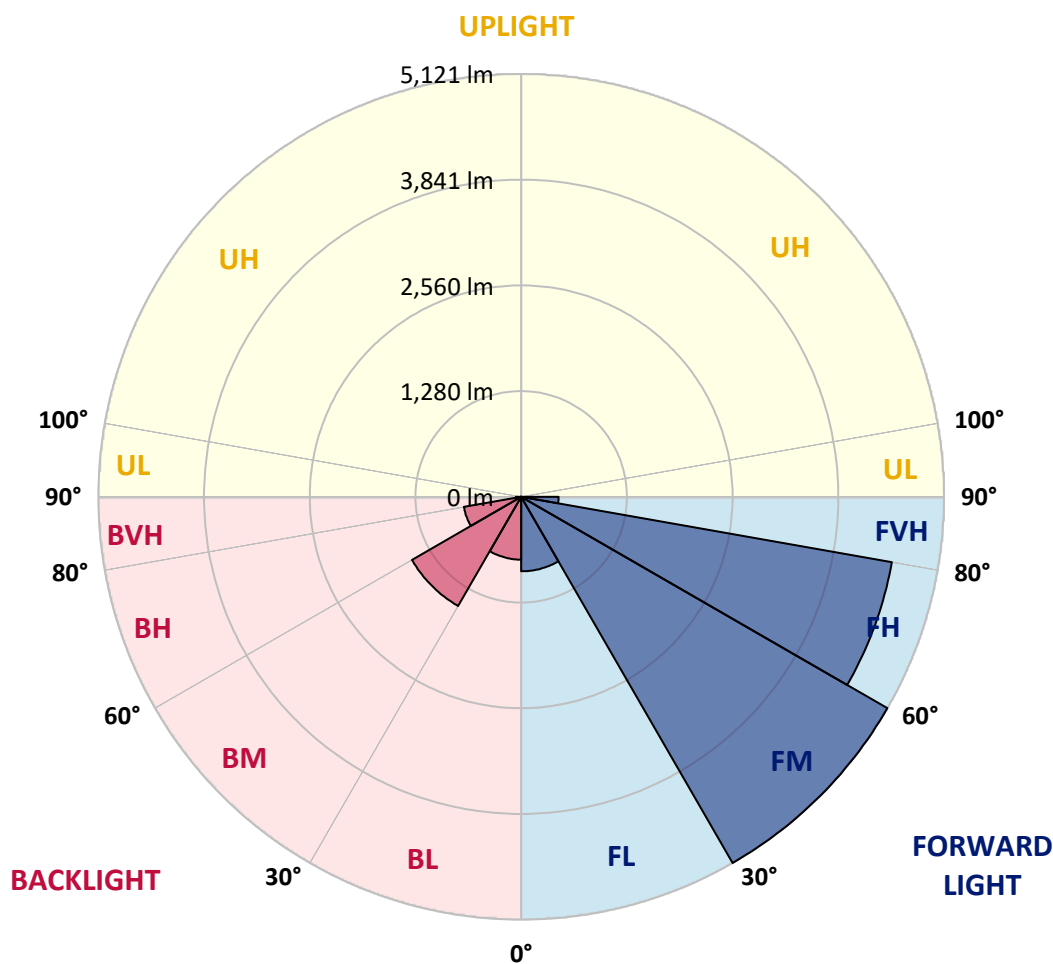
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	902.2	6.4			
FM	(30°-60°)	5120.7	36.3			
FH	(60°-80°)	4558.4	32.4			G2/5000
FVH	(80°-90°)	453.5	3.2			G3/500
BL	(0°-30°)	760.7	5.4	B2/1000		
BM	(30°-60°)	1527.2	10.8	B2/2500		
BH	(60°-80°)	704.3	5.0	B2/1000		G2/1000
BVH	(80°-90°)	63.3	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1747.0	1752.1	1750.5	1750.5	1753.8	1752.1	1752.1	1753.8	1753.8	1758.9	1765.6
5°	1733.6	1731.9	1728.5	1731.9	1731.9	1731.9	1725.1	1730.2	1731.9	1735.2	1735.2
7.5°	1750.5	1745.4	1738.7	1740.3	1740.3	1736.9	1731.9	1733.6	1731.9	1731.9	1730.2
10°	1772.3	1760.5	1752.1	1752.1	1752.1	1748.7	1740.3	1745.4	1745.4	1743.7	1745.4
12.5°	1811.2	1797.7	1787.6	1784.1	1784.1	1779.2	1772.3	1779.2	1775.8	1775.8	1772.3
15°	1875.3	1860.2	1848.3	1838.2	1839.9	1839.9	1831.5	1826.4	1819.7	1811.2	1794.3
17.5°	1971.6	1954.7	1939.5	1931.1	1932.7	1920.9	1897.3	1873.7	1841.6	1809.5	1774.1
20°	2108.3	2103.2	2083.0	2074.5	2054.3	2025.6	1959.8	1904.0	1841.6	1780.8	1720.1
22.5°	2344.6	2320.9	2300.7	2268.6	2201.1	2121.8	2012.1	1914.2	1816.3	1730.2	1649.1
25°	2662.0	2619.8	2520.2	2422.3	2283.8	2142.1	1993.5	1866.9	1745.4	1632.2	1532.6
27.5°	2974.2	2845.9	2668.7	2491.5	2288.9	2103.2	1917.5	1767.4	1625.5	1502.3	1392.5
30°	3352.3	3136.3	2864.5	2584.2	2297.3	2047.6	1824.7	1649.1	1485.4	1355.4	1240.6
32.5°	3706.8	3394.5	3038.3	2670.4	2316.0	1995.2	1718.3	1519.2	1350.4	1186.6	1073.6
35°	3949.8	3544.8	3112.6	2678.9	2270.4	1895.6	1585.0	1350.4	1181.6	1029.6	896.3
37.5°	4095.0	3610.6	3116.1	2618.0	2164.0	1760.5	1416.2	1183.3	1028.0	882.8	778.1
40°	4186.2	3625.8	3072.1	2530.3	2028.9	1590.1	1247.5	1038.1	896.3	779.9	698.9
42.5°	4230.1	3602.2	3001.2	2418.9	1892.2	1438.1	1129.2	931.8	808.5	725.8	665.1
45°	4236.8	3560.0	2925.3	2317.6	1770.7	1328.4	1048.2	887.9	786.6	717.4	656.6
47.5°	4236.8	3522.8	2864.5	2243.3	1691.4	1281.1	1041.5	906.4	806.8	729.2	656.6
50°	4240.2	3511.0	2839.2	2206.2	1664.4	1306.5	1098.9	963.8	850.8	749.4	654.9
52.5°	4255.4	3526.2	2859.5	2234.9	1713.3	1407.8	1206.9	1049.9	908.1	773.1	654.9
55°	4289.1	3576.8	2945.5	2334.5	1845.0	1561.3	1336.9	1142.8	953.7	783.2	644.8
57.5°	4383.7	3705.1	3102.5	2526.9	2069.4	1738.7	1455.0	1208.6	970.6	774.8	624.6
60°	4572.7	3960.0	3370.9	2797.0	2307.5	1890.6	1524.2	1218.8	955.4	747.8	592.4
62.5°	4874.9	4252.0	3696.7	3090.7	2518.4	1974.9	1532.6	1193.4	914.9	698.9	545.2
63°	4979.6	4324.6	3765.9	3146.4	2545.5	1981.7	1525.9	1183.3	904.8	685.3	538.4
65°	5271.6	4630.2	4005.6	3342.2	2621.5	1983.4	1488.8	1132.6	857.5	633.0	491.2
67.5°	5816.8	5031.9	4307.8	3495.9	2648.4	1929.3	1394.3	1038.1	757.9	552.0	432.1
70°	6161.1	5256.4	4424.2	3499.2	2569.1	1775.8	1230.6	884.5	631.3	457.4	371.4
72.5°	6071.7	5035.2	4117.0	3183.5	2226.4	1483.7	989.1	695.4	492.8	366.3	308.9
75°	5200.6	4191.3	3359.1	2466.1	1682.9	1090.5	724.1	496.3	364.6	286.9	258.2
77.5°	3743.9	3016.4	2408.7	1757.2	1134.3	705.6	481.0	354.5	276.8	236.3	212.6
80°	2385.1	1769.0	1473.6	1056.7	663.4	437.2	330.9	268.4	227.9	197.5	182.3
82.5°	1245.7	872.6	708.9	540.1	368.0	288.6	243.1	219.5	187.4	163.7	155.3
85°	776.5	514.8	381.5	266.7	184.0	165.4	151.9	148.5	133.4	118.1	113.1
87.5°	87.8	79.4	82.7	52.3	38.9	42.2	40.5	54.0	52.3	38.9	40.5
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°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1758.9	1762.3	1762.3	1767.4	1767.4	1770.7	1774.1	1774.1	1777.4	1779.2	1782.5
5°	1738.7	1738.7	1738.7	1745.4	1747.0	1757.2	1760.5	1763.9	1767.4	1779.2	1785.9
7.5°	1733.6	1726.8	1730.2	1730.2	1735.2	1743.7	1752.1	1757.2	1762.3	1777.4	1787.6
10°	1743.7	1738.7	1733.6	1733.6	1735.2	1738.7	1745.4	1750.5	1753.8	1769.0	1777.4
12.5°	1770.7	1758.9	1748.7	1740.3	1733.6	1731.9	1728.5	1730.2	1733.6	1742.0	1753.8
15°	1775.8	1753.8	1731.9	1709.9	1693.1	1682.9	1674.5	1671.1	1671.1	1676.2	1689.6
17.5°	1742.0	1704.9	1672.7	1644.1	1625.5	1606.9	1598.5	1591.8	1588.4	1595.1	1596.8
20°	1669.4	1625.5	1581.7	1547.9	1514.1	1509.0	1495.5	1499.0	1502.3	1512.4	1517.5
22.5°	1569.8	1517.5	1463.5	1428.1	1401.0	1377.4	1362.2	1368.9	1374.0	1384.1	1389.2
25°	1448.3	1372.3	1314.9	1279.5	1250.8	1230.6	1213.7	1220.4	1213.7	1225.5	1244.0
27.5°	1304.8	1215.3	1154.6	1114.1	1093.8	1076.9	1060.1	1060.1	1076.9	1076.9	1092.1
30°	1131.0	1065.1	985.8	943.6	918.2	908.1	906.4	903.1	914.9	921.7	938.5
32.5°	967.3	886.2	810.3	769.7	747.8	736.0	737.6	739.4	744.4	754.5	781.6
35°	801.8	730.9	676.9	631.3	609.3	587.5	587.5	584.0	589.1	600.9	633.0
37.5°	695.4	633.0	590.8	555.3	533.4	519.9	508.1	503.0	503.0	508.1	519.9
40°	636.4	590.8	552.0	521.6	501.3	489.5	482.8	477.7	474.3	474.3	476.1
42.5°	609.3	562.1	523.3	496.3	481.0	474.3	472.6	471.0	465.9	464.1	462.5
45°	595.9	541.9	497.9	476.1	464.1	460.8	462.5	462.5	460.8	457.4	450.7
47.5°	585.7	523.3	479.4	459.2	454.1	454.1	454.1	454.1	452.3	450.7	445.6
50°	568.8	494.6	447.4	432.1	428.7	428.7	430.5	430.5	433.8	430.5	427.0
52.5°	550.3	467.6	420.3	406.8	405.1	403.4	403.4	403.4	405.1	405.1	403.4
55°	530.1	447.4	406.8	396.7	398.3	396.7	395.0	393.3	393.3	391.6	388.2
57.5°	509.7	430.5	396.7	389.9	391.6	391.6	388.2	384.9	383.2	378.1	374.7
60°	479.4	406.8	376.4	373.1	378.1	378.1	378.1	376.4	376.4	374.7	366.3
62.5°	438.9	373.1	349.4	351.1	352.7	356.2	356.2	356.2	356.2	352.7	344.4
63°	430.5	366.3	344.4	344.4	349.4	349.4	351.1	349.4	351.1	347.8	337.6
65°	396.7	344.4	327.5	329.1	332.5	332.5	332.5	330.9	330.9	325.8	320.7
67.5°	357.8	317.3	307.3	308.9	310.6	314.0	312.2	312.2	314.0	310.6	305.5
70°	314.0	288.6	281.9	283.6	285.3	285.3	283.6	283.6	285.3	281.9	276.8
72.5°	280.2	270.1	265.0	265.0	261.7	261.7	258.2	256.6	254.9	254.9	249.8
75°	236.3	234.6	236.3	239.7	236.3	233.0	231.3	226.2	222.8	222.8	221.1
77.5°	202.6	202.6	205.9	211.0	212.6	212.6	207.7	199.2	197.5	197.5	197.5
80°	175.5	172.1	172.1	177.2	182.3	180.6	172.1	163.7	163.7	172.1	173.9
82.5°	153.6	153.6	148.5	150.3	148.5	146.8	138.4	133.4	131.7	138.4	145.2
85°	121.6	123.2	121.6	119.9	118.1	113.1	106.3	101.2	99.6	106.3	116.5
87.5°	48.9	47.3	45.6	47.3	45.6	48.9	47.3	43.9	42.2	47.3	57.4
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1784.1	1787.6	1791.0	1791.0	1794.3	1792.6	1794.3	1796.1	1796.1	1797.7	1797.7
5°	1794.3	1799.4	1806.1	1812.8	1814.6	1819.7	1824.7	1821.3	1826.4	1833.2	1833.2
7.5°	1797.7	1809.5	1814.6	1824.7	1826.4	1833.2	1845.0	1836.5	1846.6	1851.7	1853.4
10°	1792.6	1804.5	1812.8	1824.7	1829.7	1841.6	1853.4	1850.1	1861.9	1870.3	1872.0
12.5°	1762.3	1774.1	1792.6	1809.5	1823.0	1841.6	1863.5	1856.8	1873.7	1883.8	1888.8
15°	1703.2	1715.0	1735.2	1762.3	1787.6	1816.3	1845.0	1850.1	1866.9	1878.8	1883.8
17.5°	1610.4	1625.5	1647.5	1676.2	1708.2	1757.2	1794.3	1812.8	1836.5	1843.3	1851.7
20°	1524.2	1539.5	1553.0	1569.8	1593.5	1640.7	1689.6	1726.8	1757.2	1782.5	1789.2
22.5°	1409.4	1423.0	1439.9	1453.4	1470.3	1504.0	1544.5	1586.7	1634.0	1649.1	1666.0
25°	1271.1	1279.5	1303.1	1311.6	1323.4	1352.1	1384.1	1414.5	1460.1	1492.1	1500.6
27.5°	1122.5	1131.0	1152.8	1157.9	1173.2	1200.1	1223.8	1235.6	1277.8	1311.6	1338.5
30°	950.4	972.2	999.3	1002.7	1019.6	1036.4	1058.3	1070.2	1109.0	1144.5	1178.2
32.5°	801.8	823.7	845.7	859.2	867.7	881.1	903.1	914.9	952.0	984.1	1017.8
35°	649.8	676.9	700.5	719.1	725.8	742.7	759.6	771.4	810.3	839.0	862.6
37.5°	535.1	555.3	580.6	599.3	617.8	629.6	649.8	666.7	690.4	705.6	730.9
40°	479.4	489.5	503.0	518.2	533.4	546.9	562.1	575.6	590.8	611.1	628.0
42.5°	460.8	462.5	462.5	467.6	476.1	482.8	496.3	506.4	516.5	531.7	540.1
45°	447.4	445.6	442.3	438.9	440.5	443.9	452.3	459.2	471.0	477.7	479.4
47.5°	440.5	433.8	427.0	422.0	420.3	422.0	428.7	435.5	442.3	447.4	449.0
50°	418.7	413.6	403.4	396.7	393.3	396.7	405.1	408.5	415.2	420.3	422.0
52.5°	396.7	389.9	383.2	376.4	376.4	378.1	384.9	391.6	398.3	400.0	403.4
55°	383.2	373.1	366.3	361.2	357.8	362.9	368.0	376.4	384.9	386.5	389.9
57.5°	369.6	359.6	352.7	347.8	344.4	349.4	354.5	366.3	376.4	376.4	376.4
60°	361.2	352.7	342.7	337.6	332.5	337.6	344.4	356.2	366.3	364.6	362.9
62.5°	337.6	329.1	324.0	324.0	319.1	327.5	334.2	347.8	349.4	346.0	342.7
63°	330.9	324.0	320.7	320.7	317.3	325.8	332.5	344.4	344.4	340.9	337.6
65°	314.0	308.9	305.5	308.9	308.9	317.3	319.1	327.5	325.8	320.7	319.1
67.5°	300.4	297.1	293.7	293.7	293.7	295.4	297.1	300.4	298.8	297.1	298.8
70°	278.5	276.8	273.5	273.5	271.8	271.8	271.8	273.5	273.5	275.1	276.8
72.5°	251.5	248.1	248.1	249.8	246.4	248.1	249.8	248.1	251.5	251.5	253.2
75°	221.1	219.5	222.8	226.2	224.5	224.5	226.2	226.2	227.9	227.9	229.5
77.5°	197.5	199.2	200.8	204.2	205.9	205.9	205.9	204.2	205.9	205.9	207.7
80°	175.5	179.0	182.3	185.7	187.4	187.4	187.4	185.7	185.7	185.7	185.7
82.5°	158.7	163.7	167.2	168.8	168.8	168.8	168.8	168.8	168.8	165.4	162.1
85°	133.4	143.5	143.5	145.2	140.1	136.7	133.4	135.0	136.7	129.9	128.3
87.5°	67.6	67.6	70.9	74.3	76.0	76.0	86.1	81.0	79.4	77.6	74.3
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: P153328

CATALOG NUMBER: VXS-E06-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1799.4	1797.7	1801.0	1797.7	1799.4	1801.0	1797.7	1802.8	1806.1	1801.0	1796.1
5°	1836.5	1836.5	1845.0	1848.3	1850.1	1860.2	1855.1	1858.4	1861.9	1860.2	1861.9
7.5°	1860.2	1866.9	1875.3	1883.8	1885.5	1893.9	1892.2	1897.3	1900.6	1909.1	1909.1
10°	1880.4	1888.8	1900.6	1909.1	1917.5	1924.2	1927.7	1937.8	1939.5	1946.2	1946.2
12.5°	1899.0	1909.1	1920.9	1934.4	1942.9	1956.4	1958.0	1973.3	1978.3	1980.0	1974.9
15°	1895.6	1907.5	1920.9	1936.2	1951.3	1968.2	1978.3	1993.5	2002.0	2005.3	1996.9
17.5°	1863.5	1873.7	1890.6	1910.8	1929.3	1951.3	1969.8	1991.8	2005.3	2008.7	2007.0
20°	1801.0	1807.9	1829.7	1856.8	1878.8	1912.4	1939.5	1973.3	1995.2	2012.1	2017.1
22.5°	1677.8	1694.7	1716.7	1747.0	1779.2	1821.3	1860.2	1909.1	1956.4	1996.9	2037.4
25°	1529.3	1559.7	1593.5	1634.0	1672.7	1716.7	1760.5	1816.3	1885.5	1969.8	2066.1
27.5°	1379.1	1431.4	1473.6	1525.9	1571.5	1615.4	1664.4	1725.1	1801.0	1902.4	2025.6
30°	1227.2	1286.2	1331.8	1392.5	1453.4	1512.4	1561.3	1625.5	1699.8	1802.8	1937.8
32.5°	1065.1	1124.1	1178.2	1233.9	1301.5	1372.3	1431.4	1510.8	1590.1	1696.4	1833.2
35°	898.0	950.4	996.0	1055.0	1129.2	1205.2	1282.9	1374.0	1460.1	1571.5	1716.7
37.5°	752.8	789.9	833.9	886.2	943.6	1024.6	1112.3	1220.4	1318.3	1439.9	1588.4
40°	633.0	653.3	678.5	722.5	774.8	854.1	940.2	1055.0	1173.2	1306.5	1449.9
42.5°	540.1	550.3	557.0	585.7	628.0	705.6	788.3	899.7	1029.6	1174.8	1320.0
45°	479.4	484.5	486.1	501.3	531.7	599.3	685.3	779.9	904.8	1046.5	1198.4
47.5°	450.7	455.8	459.2	462.5	481.0	533.4	611.1	700.5	815.3	945.3	1100.5
50°	427.0	432.1	437.2	435.5	443.9	477.7	543.5	626.2	734.3	854.1	1007.8
52.5°	403.4	406.8	406.8	406.8	411.9	433.8	481.0	557.0	656.6	769.7	921.7
55°	389.9	393.3	395.0	396.7	398.3	410.2	445.6	506.4	592.4	697.1	833.9
57.5°	376.4	378.1	381.5	383.2	386.5	393.3	415.2	459.2	531.7	619.5	734.3
60°	364.6	368.0	374.7	376.4	379.8	381.5	391.6	418.7	465.9	533.4	626.2
62.5°	346.0	351.1	357.8	359.6	362.9	364.6	366.3	381.5	403.4	443.9	513.2
63°	340.9	346.0	354.5	356.2	357.8	357.8	359.6	369.6	389.9	425.4	476.1
65°	322.4	329.1	334.2	336.0	337.6	337.6	336.0	339.3	340.9	356.2	386.5
67.5°	302.2	307.3	310.6	312.2	310.6	312.2	310.6	307.3	303.8	307.3	320.7
70°	281.9	285.3	285.3	286.9	288.6	290.4	286.9	283.6	280.2	278.5	286.9
72.5°	258.2	261.7	261.7	263.3	263.3	266.7	266.7	265.0	265.0	266.7	268.4
75°	234.6	238.0	236.3	239.7	239.7	244.8	244.8	246.4	249.8	248.1	246.4
77.5°	212.6	214.4	214.4	216.1	217.7	226.2	231.3	233.0	233.0	229.5	226.2
80°	189.0	189.0	185.7	184.0	185.7	194.1	204.2	205.9	211.0	209.3	211.0
82.5°	158.7	151.9	146.8	146.8	150.3	155.3	158.7	162.1	165.4	165.4	168.8
85°	121.6	114.8	109.7	111.4	116.5	118.1	116.5	116.5	123.2	128.3	123.2
87.5°	72.5	65.8	62.5	57.4	59.1	64.1	62.5	57.4	59.1	47.3	43.9
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: P153328

CATALOG NUMBER: VXS-E06-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
2.5°	1799.4	1797.7	1794.3	1789.2	1787.6	1784.1	1785.9	1780.8	1777.4	1774.1	1769.0
5°	1861.9	1861.9	1851.7	1851.7	1846.6	1845.0	1833.2	1828.1	1817.9	1821.3	1809.5
7.5°	1905.7	1910.8	1899.0	1897.3	1890.6	1888.8	1873.7	1868.6	1860.2	1856.8	1846.6
10°	1937.8	1937.8	1922.6	1910.8	1902.4	1893.9	1878.8	1872.0	1865.2	1866.9	1860.2
12.5°	1963.1	1951.3	1929.3	1912.4	1900.6	1892.2	1880.4	1875.3	1873.7	1885.5	1887.2
15°	1983.4	1966.5	1939.5	1927.7	1917.5	1915.9	1915.9	1920.9	1932.7	1954.7	1971.6
17.5°	1995.2	1985.1	1971.6	1968.2	1985.1	1995.2	2008.7	2023.9	2040.7	2071.2	2089.7
20°	2017.1	2023.9	2034.0	2047.6	2074.5	2099.9	2116.7	2138.7	2159.0	2196.1	2226.4
22.5°	2074.5	2113.4	2145.4	2172.4	2213.0	2248.4	2270.4	2300.7	2316.0	2341.2	2388.5
25°	2148.8	2228.2	2295.6	2353.1	2415.5	2452.6	2483.0	2521.9	2545.5	2587.7	2629.8
27.5°	2126.8	2240.0	2341.2	2447.6	2533.7	2629.8	2697.4	2761.6	2802.1	2864.5	2920.2
30°	2059.4	2194.4	2331.1	2471.2	2608.0	2746.3	2874.6	2991.1	3080.5	3170.1	3261.1
32.5°	1968.2	2123.5	2290.6	2462.8	2641.7	2834.1	3011.4	3186.9	3335.4	3465.4	3592.0
35°	1863.5	2039.1	2213.0	2425.6	2646.7	2891.5	3137.9	3381.0	3607.3	3836.8	3992.1
37.5°	1738.7	1917.5	2111.7	2356.4	2616.4	2918.5	3232.4	3549.8	3870.6	4179.5	4447.9
40°	1605.3	1787.6	1991.8	2256.8	2550.6	2901.7	3293.3	3720.3	4160.8	4608.2	4964.4
42.5°	1487.2	1674.5	1897.3	2165.7	2484.7	2879.7	3342.2	3867.2	4405.6	4959.3	5482.6
45°	1372.3	1578.2	1812.8	2101.6	2456.1	2896.6	3414.8	4003.9	4625.1	5296.9	5934.9
47.5°	1269.3	1478.7	1706.5	2022.2	2413.8	2905.0	3485.7	4140.6	4832.6	5560.2	6318.1
50°	1176.5	1379.1	1603.6	1920.9	2348.0	2900.0	3549.8	4263.8	5011.6	5767.9	6613.5
52.5°	1085.4	1291.3	1520.8	1823.0	2266.9	2871.3	3580.2	4365.1	5177.0	5977.1	6851.5
55°	996.0	1198.4	1429.7	1730.2	2160.6	2797.0	3576.8	4431.0	5308.7	6174.6	7081.0
57.5°	891.3	1083.7	1309.8	1627.3	2047.6	2682.2	3526.2	4461.3	5421.8	6370.5	7356.3
60°	761.2	941.9	1159.7	1477.0	1899.0	2535.3	3419.9	4444.5	5487.7	6515.6	7590.9
62.5°	600.9	757.9	957.1	1267.7	1713.3	2324.4	3220.6	4290.9	5383.0	6495.3	7700.6
63°	567.2	715.8	909.8	1217.0	1634.0	2266.9	3161.6	4230.1	5332.3	6453.2	7685.4
65°	455.8	552.0	707.3	982.4	1367.3	1985.1	2867.9	3917.8	5060.5	6156.1	7465.9
67.5°	349.4	398.3	481.0	673.5	967.3	1561.3	2322.7	3320.3	4392.1	5421.8	6758.7
70°	298.8	320.7	356.2	447.4	614.4	985.8	1630.6	2476.3	3404.7	4297.6	5499.5
72.5°	271.8	281.9	300.4	339.3	422.0	590.8	1039.8	1612.0	2316.0	3063.7	3992.1
75°	249.8	258.2	273.5	293.7	324.0	393.3	592.4	985.8	1505.7	2012.1	2694.0
77.5°	227.9	233.0	249.8	268.4	288.6	324.0	391.6	567.2	865.9	1186.6	1623.8
80°	209.3	205.9	217.7	248.1	268.4	288.6	308.9	368.0	492.8	649.8	877.7
82.5°	167.2	170.5	180.6	211.0	219.5	214.4	217.7	227.9	275.1	300.4	449.0
85°	113.1	104.7	103.0	106.3	106.3	101.2	101.2	99.6	109.7	124.9	214.4
87.5°	30.4	15.2	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°	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	0°
2.5°	1765.6	1763.9	1765.6	1757.2	1757.2	1755.5	1753.8	1750.5	1750.5	1743.7	1748.7	2.5°
5°	1799.4	1796.1	1789.2	1779.2	1774.1	1767.4	1767.4	1760.5	1755.5	1748.7	1750.5	5°
7.5°	1838.2	1839.9	1828.1	1819.7	1816.3	1809.5	1811.2	1801.0	1802.8	1797.7	1794.3	7.5°
10°	1860.2	1860.2	1863.5	1861.9	1865.2	1865.2	1870.3	1863.5	1860.2	1855.1	1855.1	10°
12.5°	1895.6	1902.4	1915.9	1915.9	1926.0	1929.3	1931.1	1934.4	1927.7	1924.2	1912.4	12.5°
15°	1983.4	2000.2	2012.1	2028.9	2049.2	2056.0	2056.0	2049.2	2045.8	2040.7	2018.9	15°
17.5°	2128.5	2165.7	2175.9	2202.8	2206.2	2214.6	2238.2	2224.8	2216.3	2180.8	2174.1	17.5°
20°	2277.1	2324.4	2371.6	2405.4	2422.3	2456.1	2461.0	2454.3	2420.5	2386.8	2371.6	20°
22.5°	2456.1	2526.9	2580.9	2633.3	2658.5	2675.4	2712.5	2704.1	2677.1	2626.5	2606.2	22.5°
25°	2709.2	2797.0	2854.4	2918.5	2952.3	2969.1	3006.3	3006.3	2977.6	2962.4	2960.7	25°
27.5°	3028.3	3136.3	3230.8	3252.7	3340.5	3360.7	3396.3	3396.3	3369.2	3350.7	3440.1	27.5°
30°	3382.7	3495.9	3659.6	3769.2	3875.6	3980.3	3978.5	3985.3	4017.4	4034.3	4073.1	30°
32.5°	3737.2	3877.3	4051.2	4289.1	4517.0	4711.2	4962.7	5123.0	5074.1	4937.3	4883.3	32.5°
35°	4167.7	4322.9	4533.9	4773.6	5190.6	5442.1	5563.6	5649.6	5659.8	5678.3	5717.2	35°
37.5°	4647.0	4906.9	5151.7	5423.5	5654.7	5960.3	6242.2	6468.4	6520.7	6627.0	6566.2	37.5°
40°	5253.0	5543.3	5799.9	6151.0	6461.6	6829.5	7233.0	7543.6	7668.5	7628.0	7324.1	40°
42.5°	5887.7	6247.3	6547.7	6961.2	7364.7	7850.8	8267.8	8701.6	8779.2	8466.9	8012.8	42.5°
45°	6471.7	6917.3	7290.4	7720.8	8213.7	8796.1	9353.1	9798.8	9783.5	9248.5	8640.8	45°
47.5°	6996.7	7543.6	7999.4	8559.8	9089.7	9783.5	10423.3	10752.4	10558.3	9925.3	9180.9	47.5°
50°	7430.5	8112.4	8674.5	9241.7	9915.2	10750.8	11366.8	11552.5	11177.8	10489.1	9705.9	50°
52.5°	7779.9	8635.8	9267.0	9920.3	10771.0	11650.5	12180.5	12111.3	11626.8	10919.6	10139.7	52.5°
55°	8075.3	9035.8	9788.6	10560.0	11615.0	12425.3	12778.0	12592.3	11915.4	11198.0	10436.8	55°
57.5°	8380.8	9424.0	10268.0	11162.6	12337.4	13033.0	13228.7	12847.3	12052.2	11304.5	10565.1	57.5°
60°	8686.3	9748.1	10691.7	11689.2	12884.4	13529.2	13475.1	12904.7	12011.7	11226.7	10479.0	60°
62.5°	8892.3	9940.5	10938.1	12013.4	13294.5	13782.4	13451.5	12700.4	11777.1	10921.2	10222.4	62.5°
63°	8897.3	9947.3	10953.3	12035.3	13340.1	13790.8	13405.9	12627.8	11702.8	10858.8	10146.4	63°
65°	8791.0	9820.7	10818.2	11935.8	13301.3	13596.7	13012.6	12199.1	11279.1	10426.6	9751.5	65°
67.5°	8247.5	9297.4	10178.5	11231.8	12605.8	12690.3	11959.4	11302.7	10475.6	9592.8	8887.3	67.5°
70°	7152.0	8024.7	8888.9	9768.4	10921.2	10906.0	10219.1	9884.9	9160.7	8154.6	7589.1	70°
72.5°	5688.5	6471.7	7079.4	7668.5	8428.1	8274.5	7832.2	7925.1	7455.9	6704.7	6368.7	72.5°
75°	4223.3	5084.2	5381.2	5620.9	5941.7	5943.4	6064.9	6328.3	6321.5	5904.6	5480.8	75°
77.5°	2769.9	3711.9	3811.5	4003.9	4388.7	4912.0	5452.2	6032.8	6178.0	5848.8	5222.6	77.5°
80°	1544.5	2523.5	2408.7	2574.2	2989.4	3700.1	4496.8	5138.2	5516.4	5332.3	4668.9	80°
82.5°	789.9	1455.0	1390.9	1620.4	1956.4	2574.2	3100.8	3593.7	4039.4	4014.0	3762.5	82.5°
85°	410.2	796.7	906.4	1026.3	1195.1	1416.2	1615.4	1758.9	1944.6	2272.0	2383.4	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.7	0.0	121.6	87.8	241.3	344.4	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°
1770.7	1770.7	1770.7	1770.7	1770.7	1770.7	1770.7
1750.5	1752.1	1748.7	1748.7	1750.5	1750.5	1747.0
1747.0	1747.0	1743.7	1740.3	1736.9	1736.9	1733.6
1785.9	1785.9	1774.1	1769.0	1760.5	1753.8	1750.5
1843.3	1833.2	1819.7	1809.5	1796.1	1780.8	1772.3
1900.6	1885.5	1868.6	1853.4	1836.5	1819.7	1811.2
1995.2	1974.9	1953.0	1934.4	1910.8	1885.5	1875.3
2140.3	2108.3	2079.6	2052.5	2010.4	1991.8	1971.6
2332.7	2285.5	2248.4	2202.8	2150.5	2133.6	2108.3
2565.7	2525.2	2451.0	2417.2	2364.9	2339.6	2344.6
2920.2	2867.9	2781.8	2749.7	2744.7	2688.9	2662.0
3382.7	3386.1	3306.7	3220.6	3173.4	3085.6	2974.2
4041.0	3995.4	3902.6	3814.8	3703.4	3538.0	3352.3
4837.7	4736.5	4582.9	4419.2	4221.7	3966.7	3706.8
5616.0	5438.7	5193.9	4920.5	4635.2	4317.8	3949.8
6299.6	6024.5	5658.1	5344.1	4940.7	4544.0	4095.0
6924.1	6583.1	6110.5	5703.7	5227.7	4717.9	4186.2
7528.4	7096.3	6517.3	5967.0	5428.6	4834.4	4230.1
8104.0	7546.9	6860.0	6205.0	5575.4	4910.4	4236.8
8546.2	7938.5	7167.2	6377.2	5676.7	4967.8	4236.8
8956.5	8269.4	7401.8	6512.2	5771.2	5006.5	4240.2
9275.4	8502.4	7553.7	6608.5	5845.5	5035.2	4255.4
9506.7	8654.3	7655.0	6667.6	5899.5	5075.8	4289.1
9668.8	8753.9	7710.7	6719.9	5965.3	5146.6	4383.7
9746.4	8937.8	7803.5	6824.6	6078.4	5296.9	4572.7
9687.4	9223.1	8068.6	7001.8	6235.4	5531.5	4874.9
9662.0	9275.4	8141.1	7040.6	6270.9	5582.2	4979.6
9464.6	9327.8	8439.9	7236.4	6439.7	5806.6	5271.6
8851.8	9121.9	8691.4	7567.3	6802.6	6351.9	5816.8
8058.4	8816.4	8645.8	7609.4	7033.8	6799.2	6161.1
7108.1	7893.0	7734.3	7047.4	6779.0	6804.2	6071.7
5594.0	6183.1	6078.4	5837.0	5891.1	6076.7	5200.6
4481.6	4402.3	4160.8	4177.7	4490.1	4707.8	3743.9
3661.2	2964.1	2650.2	2658.5	3203.8	3429.9	2385.1
3484.0	2803.7	2283.8	1995.2	2331.1	2245.0	1245.7
2481.3	2486.4	2062.7	1676.2	1623.8	1380.7	776.5
587.5	471.0	336.0	249.8	263.3	173.9	87.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)