

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: P153332

Luminaire Tested: **VXS-E06-LED-E1-SLR-7060**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P153332
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-7060
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (126) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17130.5 lumens
Efficiency: N/A
Efficacy: 113.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G4

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

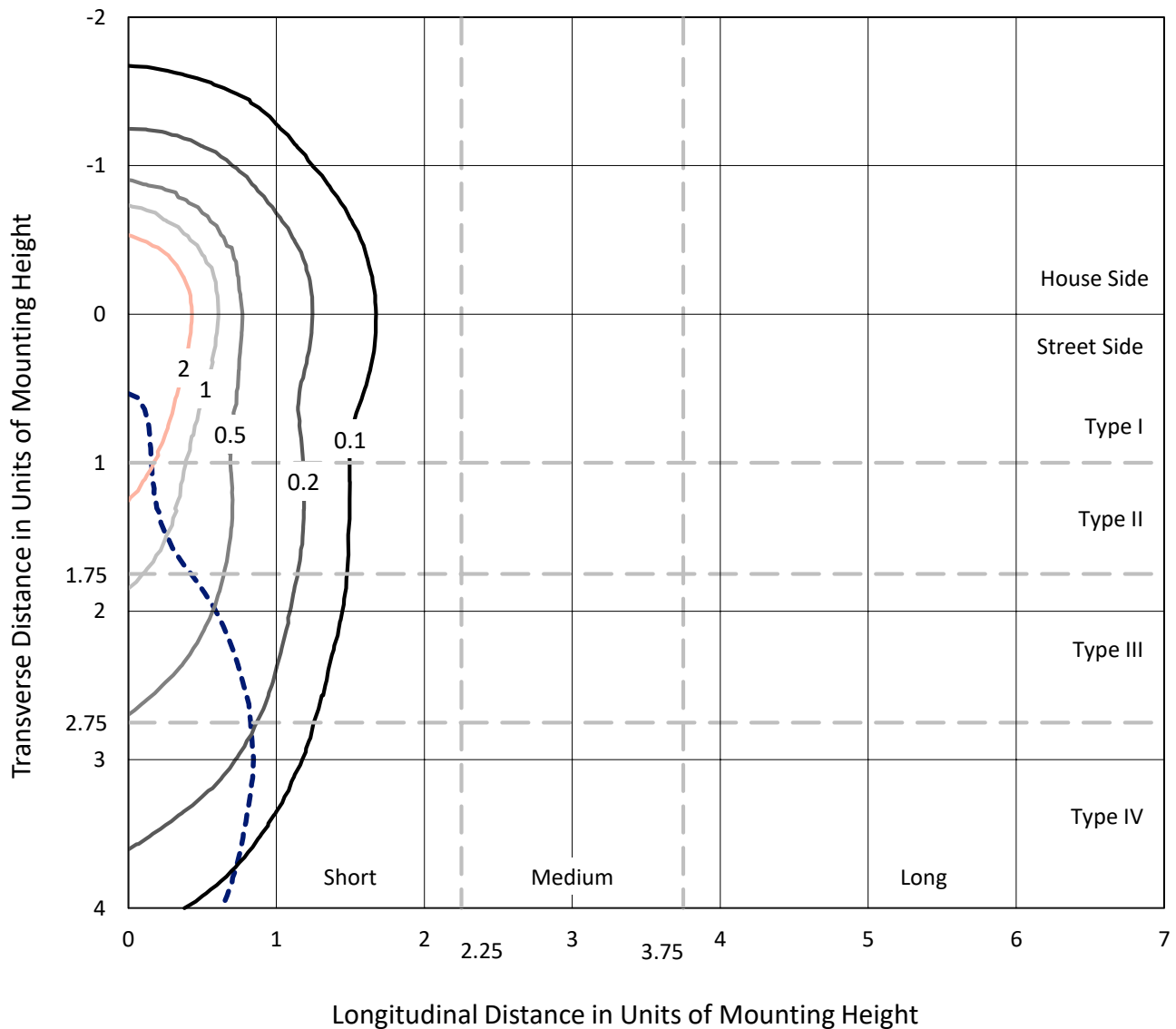


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

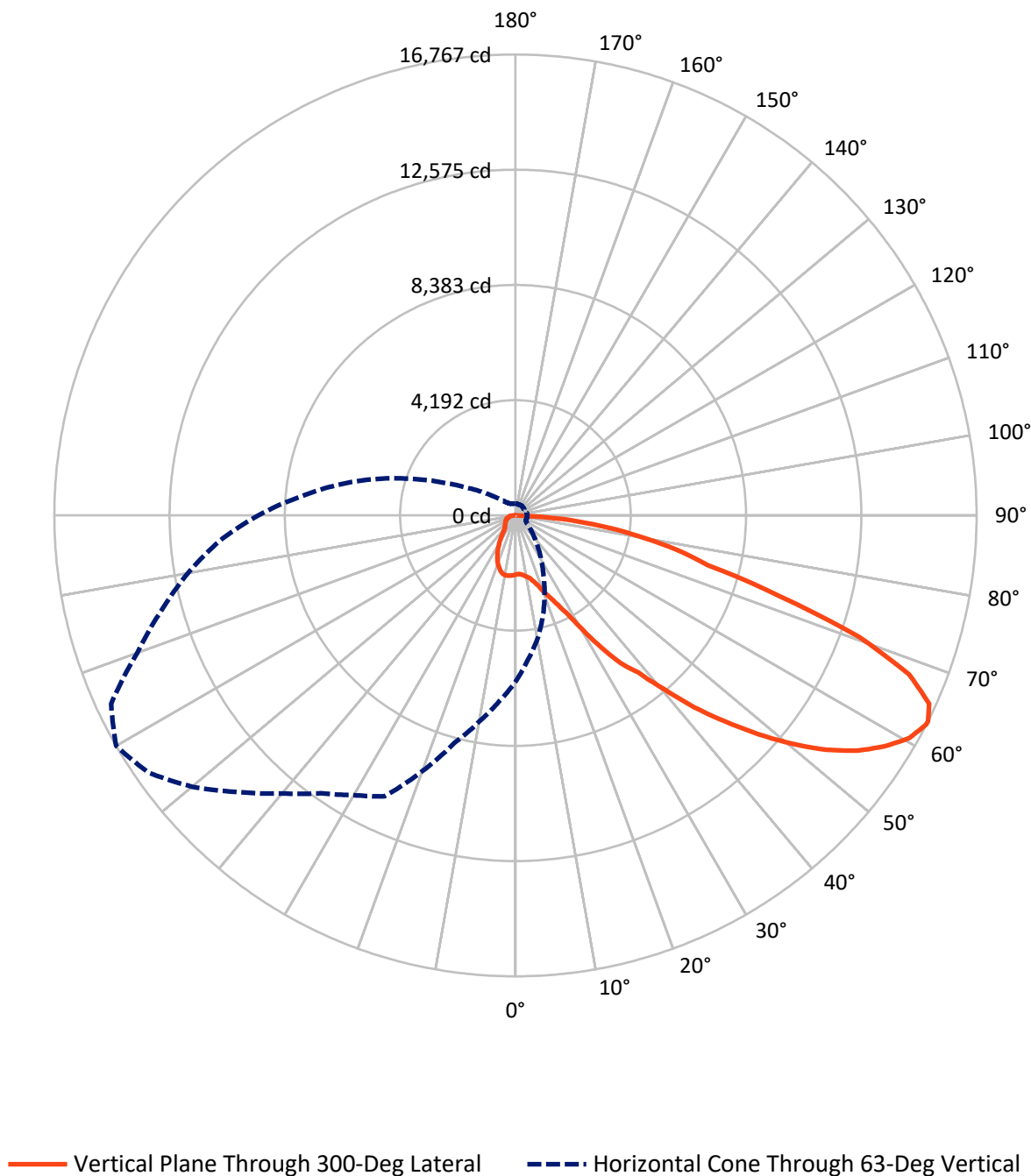


Based on 25 foot mounting height. Maximum calculated value = 4.3 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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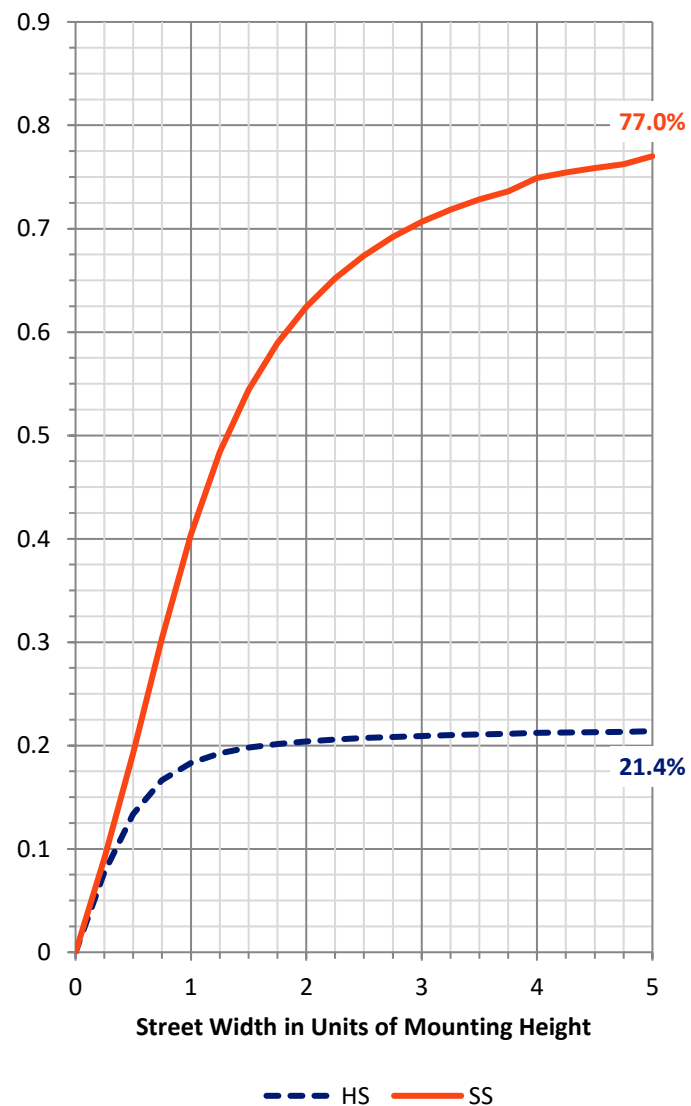
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3714.7	0.0	3714.7
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	13415.9	0.0	13415.9
	% Fixture	78.3	0.0	78.3
Total	Lumens	17130.5	0.0	17130.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	209.6	1.2
10°-20°	652.7	3.8
20°-30°	1159.5	6.8
30°-40°	1825.9	10.7
40°-50°	2687.1	15.7
50°-60°	3569.3	20.8
60°-70°	3931.6	23.0
70°-80°	2466.7	14.4
80°-90°	628.3	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°	17130.5	100.0
0°-180°	17130.5	100.0

Coefficient of Utilization



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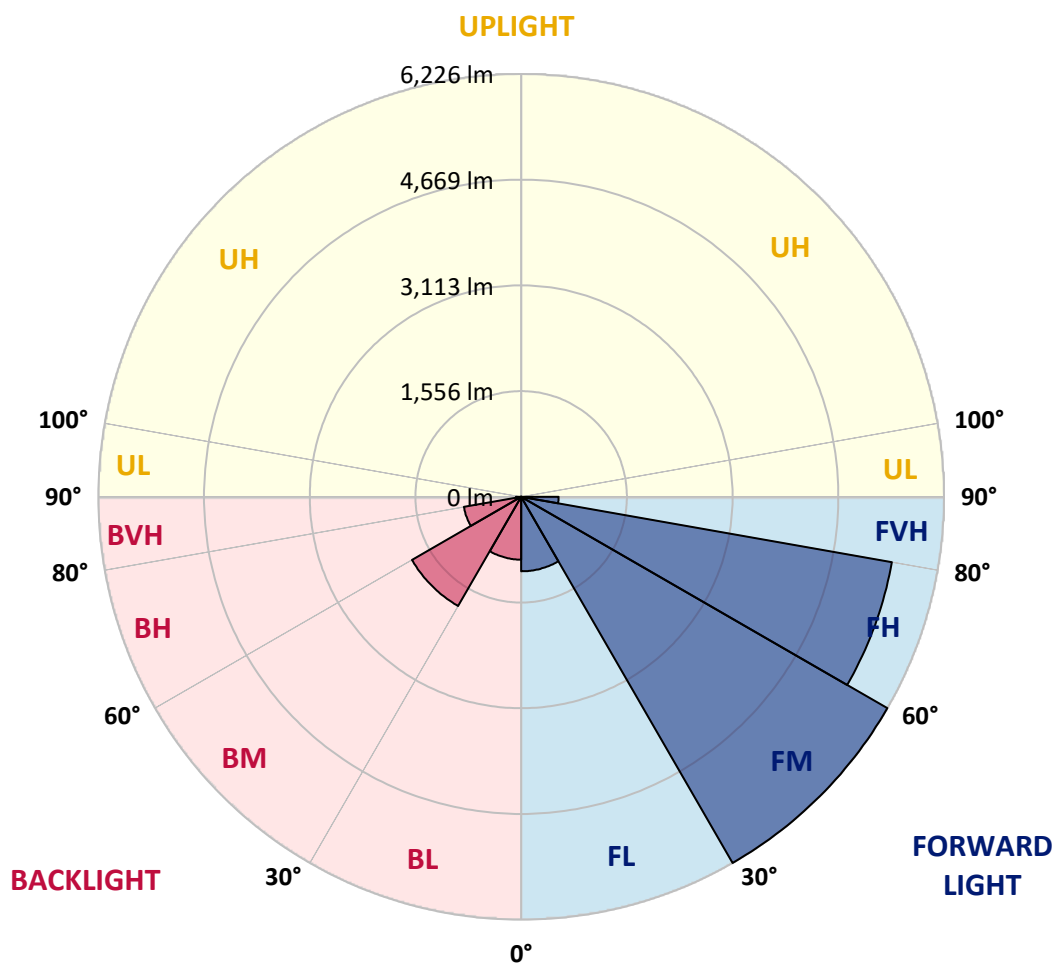
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1096.9	6.4			
FM	(30°-60°)	6225.6	36.3			
FH	(60°-80°)	5542.0	32.4			G3/7500
FVH	(80°-90°)	551.3	3.2			G4/750
BL	(0°-30°)	924.8	5.4	B2/1000		
BM	(30°-60°)	1856.7	10.8	B2/2500		
BH	(60°-80°)	856.3	5.0	B2/1000		G2/1000
BVH	(80°-90°)	76.9	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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7
2.5°	2124.0	2130.2	2128.2	2128.2	2132.2	2130.2	2130.2	2132.2	2132.2	2138.4	2146.6
5°	2107.7	2105.6	2101.5	2105.6	2105.6	2105.6	2097.4	2103.5	2105.6	2109.6	2109.6
7.5°	2128.2	2122.0	2113.8	2115.9	2115.9	2111.7	2105.6	2107.7	2105.6	2105.6	2103.5
10°	2154.8	2140.4	2130.2	2130.2	2130.2	2126.1	2115.9	2122.0	2122.0	2119.9	2122.0
12.5°	2202.1	2185.6	2173.3	2169.2	2169.2	2163.0	2154.8	2163.0	2159.0	2159.0	2154.8
15°	2280.0	2261.6	2247.2	2234.8	2236.9	2236.9	2226.6	2220.5	2212.3	2202.1	2181.5
17.5°	2397.0	2376.5	2358.0	2347.8	2349.7	2335.4	2306.7	2277.9	2239.0	2200.0	2156.9
20°	2563.2	2557.1	2532.4	2522.2	2497.5	2462.7	2382.6	2314.9	2239.0	2165.1	2091.2
22.5°	2850.6	2821.8	2797.2	2758.1	2676.1	2579.6	2446.2	2327.3	2208.2	2103.5	2005.0
25°	3236.4	3185.1	3063.9	2945.0	2776.7	2604.2	2423.6	2269.7	2122.0	1984.5	1863.4
27.5°	3616.0	3460.0	3244.6	3029.0	2782.8	2557.1	2331.3	2148.7	1976.3	1826.4	1693.1
30°	4075.6	3813.1	3482.6	3142.0	2793.1	2489.3	2218.4	2005.0	1805.9	1647.9	1508.4
32.5°	4506.6	4127.0	3694.0	3246.6	2815.6	2425.7	2089.1	1846.9	1641.8	1442.7	1305.2
35°	4802.2	4309.6	3784.2	3256.9	2760.2	2304.7	1927.0	1641.8	1436.6	1251.8	1089.7
37.5°	4978.7	4389.6	3788.4	3183.0	2631.0	2140.4	1721.8	1438.5	1249.8	1073.3	946.1
40°	5089.5	4408.2	3735.0	3076.3	2466.7	1933.2	1516.6	1262.1	1089.7	948.1	849.6
42.5°	5142.8	4379.4	3648.8	2940.8	2300.5	1748.5	1373.0	1132.8	983.0	882.5	808.6
45°	5151.1	4328.1	3556.5	2817.7	2152.7	1615.1	1274.4	1079.5	956.4	872.2	798.3
47.5°	5151.1	4283.0	3482.6	2727.4	2056.3	1557.6	1266.2	1102.1	980.9	886.5	798.3
50°	5155.1	4268.6	3451.8	2682.3	2023.5	1588.4	1336.0	1171.8	1034.3	911.2	796.3
52.5°	5173.6	4287.0	3476.5	2717.1	2083.0	1711.5	1467.4	1276.5	1104.0	939.9	796.3
55°	5214.7	4348.6	3581.1	2838.2	2243.1	1898.3	1625.4	1389.3	1159.5	952.2	783.9
57.5°	5329.6	4504.6	3771.9	3072.1	2516.1	2113.8	1769.0	1469.4	1180.0	942.0	759.3
60°	5559.5	4814.5	4098.2	3400.5	2805.4	2298.4	1853.2	1481.7	1161.6	909.1	720.3
62.5°	5926.7	5169.5	4494.3	3757.6	3061.9	2401.0	1863.4	1450.9	1112.3	849.6	662.9
63°	6054.0	5257.7	4578.4	3825.3	3094.7	2409.3	1855.2	1438.5	1100.0	833.2	654.6
65°	6409.0	5629.2	4869.9	4063.4	3187.0	2411.4	1810.1	1377.0	1042.5	769.5	597.2
67.5°	7071.9	6117.6	5237.2	4250.2	3219.9	2345.7	1695.1	1262.1	921.5	671.1	525.4
70°	7490.6	6390.6	5378.9	4254.2	3123.4	2159.0	1496.1	1075.3	767.6	556.2	451.5
72.5°	7381.8	6121.8	5005.4	3870.5	2706.8	1803.9	1202.6	845.5	599.3	445.3	375.5
75°	6322.9	5095.6	4083.9	2998.2	2046.0	1325.7	880.4	603.3	443.3	348.9	314.0
77.5°	4551.8	3667.3	2928.5	2136.4	1379.1	857.8	584.9	431.0	336.6	287.4	258.5
80°	2899.8	2150.7	1791.6	1284.7	806.5	531.5	402.3	326.3	277.1	240.1	221.7
82.5°	1514.5	1061.0	862.0	656.7	447.4	350.9	295.5	266.7	227.8	199.1	188.8
85°	944.0	625.9	463.8	324.2	223.7	201.1	184.7	180.6	162.2	143.6	137.5
87.5°	106.7	96.5	100.5	63.6	47.2	51.3	49.2	65.7	63.6	47.2	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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7
2.5°	2138.4	2142.5	2142.5	2148.7	2148.7	2152.7	2156.9	2156.9	2160.9	2163.0	2167.2
5°	2113.8	2113.8	2113.8	2122.0	2124.0	2136.4	2140.4	2144.6	2148.7	2163.0	2171.2
7.5°	2107.7	2099.4	2103.5	2103.5	2109.6	2119.9	2130.2	2136.4	2142.5	2160.9	2173.3
10°	2119.9	2113.8	2107.7	2107.7	2109.6	2113.8	2122.0	2128.2	2132.2	2150.7	2160.9
12.5°	2152.7	2138.4	2126.1	2115.9	2107.7	2105.6	2101.5	2103.5	2107.7	2117.9	2132.2
15°	2159.0	2132.2	2105.6	2078.9	2058.3	2046.0	2035.8	2031.7	2031.7	2037.8	2054.3
17.5°	2117.9	2072.7	2033.8	1998.9	1976.3	1953.7	1943.4	1935.2	1931.1	1939.4	1941.3
20°	2029.6	1976.3	1922.9	1881.9	1840.8	1834.7	1818.2	1822.4	1826.4	1838.8	1845.0
22.5°	1908.6	1845.0	1779.3	1736.2	1703.3	1674.6	1656.2	1664.4	1670.5	1682.8	1689.0
25°	1760.8	1668.5	1598.7	1555.5	1520.7	1496.1	1475.5	1483.7	1475.5	1489.9	1512.4
27.5°	1586.3	1477.6	1403.7	1354.5	1329.8	1309.3	1288.8	1288.8	1309.3	1309.3	1327.8
30°	1375.0	1294.9	1198.4	1147.2	1116.4	1104.0	1102.1	1097.9	1112.3	1120.5	1141.0
32.5°	1176.0	1077.4	985.1	935.9	909.1	894.7	896.8	898.9	905.0	917.3	950.2
35°	974.8	888.6	822.9	767.6	740.8	714.2	714.2	710.1	716.3	730.6	769.5
37.5°	845.5	769.5	718.2	675.1	648.5	632.1	617.7	611.6	611.6	617.7	632.1
40°	773.7	718.2	671.1	634.1	609.5	595.1	586.9	580.7	576.7	576.7	578.8
42.5°	740.8	683.4	636.2	603.3	584.9	576.7	574.6	572.5	566.4	564.4	562.3
45°	724.5	658.8	605.4	578.8	564.4	560.2	562.3	562.3	560.2	556.2	548.0
47.5°	712.1	636.2	582.8	558.2	552.0	552.0	552.0	552.0	549.9	548.0	541.8
50°	691.6	601.3	543.8	525.4	521.2	521.2	523.3	523.3	527.5	523.3	519.2
52.5°	669.0	568.5	511.0	494.6	492.5	490.5	490.5	490.5	492.5	492.5	490.5
55°	644.4	543.8	494.6	482.3	484.4	482.3	480.2	478.1	478.1	476.1	472.0
57.5°	619.8	523.3	482.3	474.1	476.1	476.1	472.0	467.9	465.8	459.7	455.5
60°	582.8	494.6	457.6	453.6	459.7	459.7	459.7	457.6	457.6	455.5	445.3
62.5°	533.6	453.6	424.8	426.8	428.9	433.1	433.1	433.1	433.1	428.9	418.7
63°	523.3	445.3	418.7	418.7	424.8	424.8	426.8	424.8	426.8	422.8	410.5
65°	482.3	418.7	398.1	400.2	404.2	404.2	404.2	402.3	402.3	396.1	389.9
67.5°	435.0	385.8	373.5	375.5	377.6	381.8	379.7	379.7	381.8	377.6	371.4
70°	381.8	350.9	342.7	344.8	346.8	346.8	344.8	344.8	346.8	342.7	336.6
72.5°	340.6	328.4	322.2	322.2	318.1	318.1	314.0	311.9	309.8	309.8	303.7
75°	287.4	285.3	287.4	291.4	287.4	283.2	281.1	275.0	270.9	270.9	268.8
77.5°	246.2	246.2	250.4	256.5	258.5	258.5	252.4	242.2	240.1	240.1	240.1
80°	213.5	209.3	209.3	215.4	221.7	219.6	209.3	199.1	199.1	209.3	211.4
82.5°	186.7	186.7	180.6	182.7	180.6	178.5	168.3	162.2	160.1	168.3	176.5
85°	147.8	149.8	147.8	145.7	143.6	137.5	129.3	123.1	121.0	129.3	141.6
87.5°	59.5	57.5	55.4	57.5	55.4	59.5	57.5	53.4	51.3	57.5	69.7
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°	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7
2.5°	2169.2	2173.3	2177.4	2177.4	2181.5	2179.5	2181.5	2183.5	2183.5	2185.6	2185.6
5°	2181.5	2187.7	2195.9	2204.0	2206.1	2212.3	2218.4	2214.3	2220.5	2228.7	2228.7
7.5°	2185.6	2200.0	2206.1	2218.4	2220.5	2228.7	2243.1	2232.8	2245.1	2251.3	2253.4
10°	2179.5	2193.8	2204.0	2218.4	2224.6	2239.0	2253.4	2249.2	2263.6	2273.9	2275.9
12.5°	2142.5	2156.9	2179.5	2200.0	2216.4	2239.0	2265.6	2257.4	2277.9	2290.3	2296.4
15°	2070.7	2085.1	2109.6	2142.5	2173.3	2208.2	2243.1	2249.2	2269.7	2284.1	2290.3
17.5°	1957.8	1976.3	2003.0	2037.8	2076.8	2136.4	2181.5	2204.0	2232.8	2241.0	2251.3
20°	1853.2	1871.6	1888.1	1908.6	1937.3	1994.7	2054.3	2099.4	2136.4	2167.2	2175.3
22.5°	1713.6	1730.1	1750.6	1766.9	1787.5	1828.5	1877.8	1929.1	1986.5	2005.0	2025.5
25°	1545.3	1555.5	1584.4	1594.6	1608.9	1643.8	1682.8	1719.8	1775.1	1814.2	1824.5
27.5°	1364.8	1375.0	1401.7	1407.8	1426.3	1459.2	1487.9	1502.2	1553.6	1594.6	1627.4
30°	1155.4	1182.1	1214.9	1219.0	1239.6	1260.1	1286.7	1301.1	1348.3	1391.4	1432.4
32.5°	974.8	1001.5	1028.2	1044.6	1054.8	1071.3	1097.9	1112.3	1157.4	1196.5	1237.5
35°	790.1	822.9	851.7	874.2	882.5	903.0	923.5	937.8	985.1	1020.0	1048.7
37.5°	650.6	675.1	706.0	728.5	751.1	765.5	790.1	810.7	839.4	857.8	888.6
40°	582.8	595.1	611.6	630.1	648.5	664.9	683.4	699.8	718.2	742.9	763.4
42.5°	560.2	562.3	562.3	568.5	578.8	586.9	603.3	615.6	628.0	646.4	656.7
45°	543.8	541.8	537.7	533.6	535.6	539.7	549.9	558.2	572.5	580.7	582.8
47.5°	535.6	527.5	519.2	513.1	511.0	513.1	521.2	529.4	537.7	543.8	545.9
50°	508.9	502.8	490.5	482.3	478.1	482.3	492.5	496.7	504.9	511.0	513.1
52.5°	482.3	474.1	465.8	457.6	457.6	459.7	467.9	476.1	484.4	486.4	490.5
55°	465.8	453.6	445.3	439.2	435.0	441.2	447.4	457.6	467.9	469.9	474.1
57.5°	449.4	437.1	428.9	422.8	418.7	424.8	431.0	445.3	457.6	457.6	457.6
60°	439.2	428.9	416.6	410.5	404.2	410.5	418.7	433.1	445.3	443.3	441.2
62.5°	410.5	400.2	394.0	394.0	387.9	398.1	406.3	422.8	424.8	420.7	416.6
63°	402.3	394.0	389.9	389.9	385.8	396.1	404.2	418.7	418.7	414.5	410.5
65°	381.8	375.5	371.4	375.5	375.5	385.8	387.9	398.1	396.1	389.9	387.9
67.5°	365.3	361.1	357.1	357.1	357.1	359.2	361.1	365.3	363.2	361.1	363.2
70°	338.7	336.6	332.4	332.4	330.4	330.4	330.4	332.4	332.4	334.5	336.6
72.5°	305.8	301.7	301.7	303.7	299.6	301.7	303.7	301.7	305.8	305.8	307.9
75°	268.8	266.7	270.9	275.0	273.0	273.0	275.0	275.0	277.1	277.1	279.1
77.5°	240.1	242.2	244.2	248.3	250.4	250.4	250.4	248.3	250.4	250.4	252.4
80°	213.5	217.5	221.7	225.7	227.8	227.8	227.8	225.7	225.7	225.7	225.7
82.5°	193.0	199.1	203.2	205.2	205.2	205.2	205.2	205.2	205.2	201.1	197.0
85°	162.2	174.4	174.4	176.5	170.4	166.2	162.2	164.1	166.2	158.0	156.0
87.5°	82.1	82.1	86.2	90.3	92.3	92.3	104.7	98.5	96.5	94.4	90.3
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: P153332

CATALOG NUMBER: VXS-E06-LED-E1-SLR-7060

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7
2.5°	2187.7	2185.6	2189.7	2185.6	2187.7	2189.7	2185.6	2191.7	2195.9	2189.7	2183.5
5°	2232.8	2232.8	2243.1	2247.2	2249.2	2261.6	2255.3	2259.5	2263.6	2261.6	2263.6
7.5°	2261.6	2269.7	2280.0	2290.3	2292.3	2302.6	2300.5	2306.7	2310.8	2321.0	2321.0
10°	2286.1	2296.4	2310.8	2321.0	2331.3	2339.5	2343.6	2356.0	2358.0	2366.2	2366.2
12.5°	2308.7	2321.0	2335.4	2351.8	2362.1	2378.5	2380.5	2399.1	2405.2	2407.3	2401.0
15°	2304.7	2319.0	2335.4	2353.9	2372.3	2392.8	2405.2	2423.6	2433.9	2438.0	2427.8
17.5°	2265.6	2277.9	2298.4	2323.1	2345.7	2372.3	2394.9	2421.7	2438.0	2442.2	2440.1
20°	2189.7	2197.9	2224.6	2257.4	2284.1	2325.2	2358.0	2399.1	2425.7	2446.2	2452.4
22.5°	2039.9	2060.4	2087.2	2124.0	2163.0	2214.3	2261.6	2321.0	2378.5	2427.8	2477.0
25°	1859.3	1896.3	1937.3	1986.5	2033.8	2087.2	2140.4	2208.2	2292.3	2394.9	2511.9
27.5°	1676.7	1740.3	1791.6	1855.2	1910.6	1963.9	2023.5	2097.4	2189.7	2312.8	2462.7
30°	1491.9	1563.8	1619.2	1693.1	1766.9	1838.8	1898.3	1976.3	2066.5	2191.7	2356.0
32.5°	1294.9	1366.7	1432.4	1500.2	1582.3	1668.5	1740.3	1836.7	1933.2	2062.5	2228.7
35°	1091.8	1155.4	1210.8	1282.6	1373.0	1465.3	1559.7	1670.5	1775.1	1910.6	2087.2
37.5°	915.3	960.4	1013.8	1077.4	1147.2	1245.7	1352.4	1483.7	1602.8	1750.6	1931.1
40°	769.5	794.2	825.0	878.3	942.0	1038.4	1143.1	1282.6	1426.3	1588.4	1762.8
42.5°	656.7	669.0	677.2	712.1	763.4	857.8	958.3	1093.8	1251.8	1428.3	1604.9
45°	582.8	589.0	591.1	609.5	646.4	728.5	833.2	948.1	1100.0	1272.3	1457.1
47.5°	548.0	554.1	558.2	562.3	584.9	648.5	742.9	851.7	991.2	1149.2	1338.0
50°	519.2	525.4	531.5	529.4	539.7	580.7	660.8	761.3	892.7	1038.4	1225.2
52.5°	490.5	494.6	494.6	494.6	500.7	527.5	584.9	677.2	798.3	935.9	1120.5
55°	474.1	478.1	480.2	482.3	484.4	498.7	541.8	615.6	720.3	847.6	1013.8
57.5°	457.6	459.7	463.8	465.8	469.9	478.1	504.9	558.2	646.4	753.2	892.7
60°	443.3	447.4	455.5	457.6	461.8	463.8	476.1	508.9	566.4	648.5	761.3
62.5°	420.7	426.8	435.0	437.1	441.2	443.3	445.3	463.8	490.5	539.7	623.8
63°	414.5	420.7	431.0	433.1	435.0	435.0	437.1	449.4	474.1	517.2	578.8
65°	392.0	400.2	406.3	408.4	410.5	410.5	408.4	412.5	414.5	433.1	469.9
67.5°	367.4	373.5	377.6	379.7	377.6	379.7	377.6	373.5	369.4	373.5	389.9
70°	342.7	346.8	346.8	348.9	350.9	353.0	348.9	344.8	340.6	338.7	348.9
72.5°	314.0	318.1	318.1	320.1	320.1	324.2	324.2	322.2	322.2	324.2	326.3
75°	285.3	289.3	287.4	291.4	291.4	297.6	297.6	299.6	303.7	301.7	299.6
77.5°	258.5	260.6	260.6	262.7	264.8	275.0	281.1	283.2	283.2	279.1	275.0
80°	229.8	229.8	225.7	223.7	225.7	236.0	248.3	250.4	256.5	254.5	256.5
82.5°	193.0	184.7	178.5	178.5	182.7	188.8	193.0	197.0	201.1	201.1	205.2
85°	147.8	139.6	133.4	135.4	141.6	143.6	141.6	141.6	149.8	156.0	149.8
87.5°	88.3	80.0	76.0	69.7	71.8	78.0	76.0	69.7	71.8	57.5	53.4
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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CATALOG NUMBER: VXS-E06-LED-E1-SLR-7060

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7
2.5°	2187.7	2185.6	2181.5	2175.3	2173.3	2169.2	2171.2	2165.1	2160.9	2156.9	2150.7
5°	2263.6	2263.6	2251.3	2251.3	2245.1	2243.1	2228.7	2222.6	2210.3	2214.3	2200.0
7.5°	2317.0	2323.1	2308.7	2306.7	2298.4	2296.4	2277.9	2271.8	2261.6	2257.4	2245.1
10°	2356.0	2356.0	2337.5	2323.1	2312.8	2302.6	2284.1	2275.9	2267.7	2269.7	2261.6
12.5°	2386.7	2372.3	2345.7	2325.2	2310.8	2300.5	2286.1	2280.0	2277.9	2292.3	2294.4
15°	2411.4	2390.8	2358.0	2343.6	2331.3	2329.2	2329.2	2335.4	2349.7	2376.5	2397.0
17.5°	2425.7	2413.4	2397.0	2392.8	2413.4	2425.7	2442.2	2460.6	2481.1	2518.0	2540.6
20°	2452.4	2460.6	2473.0	2489.3	2522.2	2553.0	2573.5	2600.1	2624.8	2669.9	2706.8
22.5°	2522.2	2569.3	2608.4	2641.2	2690.5	2733.6	2760.2	2797.2	2815.6	2846.4	2903.8
25°	2612.4	2708.9	2791.0	2860.8	2936.7	2981.9	3018.8	3066.0	3094.7	3146.0	3197.3
27.5°	2585.8	2723.3	2846.4	2975.8	3080.4	3197.3	3279.5	3357.4	3406.6	3482.6	3550.4
30°	2503.7	2667.9	2834.1	3004.5	3170.7	3339.0	3494.9	3636.5	3745.3	3854.1	3964.9
32.5°	2392.8	2581.7	2784.9	2994.2	3211.7	3445.7	3661.1	3874.6	4055.1	4213.2	4367.2
35°	2265.6	2479.1	2690.5	2949.0	3217.8	3515.4	3815.0	4110.6	4385.6	4664.7	4853.5
37.5°	2113.8	2331.3	2567.4	2864.9	3180.9	3548.3	3929.9	4315.8	4705.7	5081.2	5407.6
40°	1951.6	2173.3	2421.7	2743.8	3100.9	3527.8	4003.8	4523.1	5058.7	5602.5	6035.5
42.5°	1808.0	2035.8	2306.7	2633.0	3020.8	3501.0	4063.4	4701.7	5356.3	6029.4	6665.6
45°	1668.5	1918.9	2204.0	2555.0	2986.0	3521.6	4151.6	4867.9	5623.1	6439.8	7215.5
47.5°	1543.2	1797.7	2074.8	2458.5	2934.6	3531.8	4237.8	5034.1	5875.4	6760.0	7681.5
50°	1430.4	1676.7	1949.6	2335.4	2854.6	3525.7	4315.8	5183.8	6093.1	7012.4	8040.5
52.5°	1319.6	1569.9	1849.0	2216.4	2756.2	3490.8	4352.7	5307.0	6294.1	7266.8	8329.9
55°	1210.8	1457.1	1738.2	2103.5	2626.8	3400.5	4348.6	5387.0	6454.2	7506.9	8609.0
57.5°	1083.5	1317.5	1592.5	1978.3	2489.3	3260.9	4287.0	5424.0	6591.7	7745.1	8943.5
60°	925.6	1145.2	1409.8	1795.6	2308.7	3082.4	4157.8	5403.4	6671.7	7921.6	9228.8
62.5°	730.6	921.5	1163.6	1541.2	2083.0	2825.9	3915.6	5216.7	6544.5	7896.9	9362.2
63°	689.5	870.2	1106.1	1479.7	1986.5	2756.2	3843.8	5142.8	6482.9	7845.6	9343.7
65°	554.1	671.1	859.9	1194.4	1662.3	2413.4	3486.7	4763.2	6152.5	7484.5	9076.9
67.5°	424.8	484.4	584.9	818.9	1176.0	1898.3	2823.8	4036.7	5339.9	6591.7	8217.1
70°	363.2	389.9	433.1	543.8	747.0	1198.4	1982.5	3010.6	4139.3	5225.0	6686.1
72.5°	330.4	342.7	365.3	412.5	513.1	718.2	1264.1	1959.9	2815.6	3724.8	4853.5
75°	303.7	314.0	332.4	357.1	394.0	478.1	720.3	1198.4	1830.6	2446.2	3275.3
77.5°	277.1	283.2	303.7	326.3	350.9	394.0	476.1	689.5	1052.7	1442.7	1974.2
80°	254.5	250.4	264.8	301.7	326.3	350.9	375.5	447.4	599.3	790.1	1067.2
82.5°	203.2	207.3	219.6	256.5	266.7	260.6	264.8	277.1	334.5	365.3	545.9
85°	137.5	127.3	125.2	129.3	129.3	123.1	123.1	121.0	133.4	151.8	260.6
87.5°	36.9	18.4	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°	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	0°
2.5°	2146.6	2144.6	2146.6	2136.4	2136.4	2134.3	2132.2	2128.2	2128.2	2119.9	2126.1	2.5°
5°	2187.7	2183.5	2175.3	2163.0	2156.9	2148.7	2148.7	2140.4	2134.3	2126.1	2128.2	5°
7.5°	2234.8	2236.9	2222.6	2212.3	2208.2	2200.0	2202.1	2189.7	2191.7	2185.6	2181.5	7.5°
10°	2261.6	2261.6	2265.6	2263.6	2267.7	2267.7	2273.9	2265.6	2261.6	2255.3	2255.3	10°
12.5°	2304.7	2312.8	2329.2	2329.2	2341.6	2345.7	2347.8	2351.8	2343.6	2339.5	2325.2	12.5°
15°	2411.4	2431.9	2446.2	2466.7	2491.4	2499.6	2499.6	2491.4	2487.3	2481.1	2454.4	15°
17.5°	2587.9	2633.0	2645.3	2678.1	2682.3	2692.5	2721.2	2704.8	2694.5	2651.5	2643.2	17.5°
20°	2768.4	2825.9	2883.3	2924.4	2945.0	2986.0	2992.1	2983.9	2942.9	2901.9	2883.3	20°
22.5°	2986.0	3072.1	3137.8	3201.5	3232.2	3252.7	3297.9	3287.7	3254.8	3193.3	3168.6	22.5°
25°	3293.8	3400.5	3470.3	3548.3	3589.3	3609.8	3655.0	3655.0	3620.1	3601.7	3599.6	25°
27.5°	3681.7	3813.1	3928.0	3954.6	4061.3	4085.9	4129.0	4129.0	4096.2	4073.7	4182.4	27.5°
30°	4112.6	4250.2	4449.2	4582.6	4711.9	4839.1	4837.1	4845.3	4884.2	4904.8	4952.0	30°
32.5°	4543.6	4713.9	4925.3	5214.7	5491.7	5727.8	6033.5	6228.5	6168.9	6002.7	5937.0	32.5°
35°	5066.9	5255.8	5512.2	5803.6	6310.6	6616.4	6764.0	6868.7	6881.0	6903.6	6950.9	35°
37.5°	5649.7	5965.8	6263.3	6593.8	6874.9	7246.3	7589.1	7864.0	7927.7	8057.0	7983.1	37.5°
40°	6386.5	6739.5	7051.4	7478.2	7855.9	8303.2	8793.7	9171.3	9323.2	9274.0	8904.6	40°
42.5°	7158.1	7595.2	7960.5	8463.3	8953.8	9544.9	10051.7	10579.2	10673.6	10293.9	9741.9	42.5°
45°	7868.2	8409.9	8863.5	9386.8	9986.0	10694.1	11371.3	11913.1	11894.6	11244.0	10505.3	45°
47.5°	8506.4	9171.3	9725.4	10406.7	11051.2	11894.6	12672.4	13072.5	12836.6	12067.0	11162.0	47.5°
50°	9033.8	9862.9	10546.3	11235.9	12054.7	13070.6	13819.6	14045.3	13589.7	12752.4	11800.2	50°
52.5°	9458.7	10499.1	11266.6	12060.8	13095.1	14164.4	14808.7	14724.7	14135.6	13275.8	12327.7	52.5°
55°	9817.8	10985.5	11900.7	12838.7	14121.2	15106.3	15535.2	15309.5	14486.5	13614.4	12688.8	55°
57.5°	10189.2	11457.5	12483.6	13571.3	14999.6	15845.1	16083.2	15619.4	14652.7	13743.6	12844.8	57.5°
60°	10560.7	11851.5	12998.7	14211.6	15664.6	16448.5	16382.8	15689.1	14603.5	13649.2	12740.1	60°
62.5°	10811.1	12085.5	13298.3	14605.6	16163.2	16756.3	16354.1	15440.8	14318.2	13277.8	12428.2	62.5°
63°	10817.2	12093.7	13316.8	14632.2	16218.7	16766.5	16298.7	15352.5	14228.0	13201.9	12335.9	63°
65°	10687.9	11939.8	13152.6	14511.2	16171.4	16530.6	15820.5	14831.3	13712.8	12676.5	11855.6	65°
67.5°	10027.2	11303.6	12374.8	13655.4	15325.9	15428.5	14539.9	13741.6	12736.1	11662.7	10804.9	67.5°
70°	8695.2	9756.2	10806.9	11876.2	13277.8	13259.4	12424.0	12017.7	11137.3	9914.2	9226.7	70°
72.5°	6916.0	7868.2	8606.9	9323.2	10246.7	10059.9	9522.3	9635.1	9064.7	8151.4	7743.0	72.5°
75°	5134.6	6181.2	6542.5	6833.9	7223.7	7225.8	7373.6	7693.8	7685.5	7178.7	6663.5	75°
77.5°	3367.7	4512.8	4633.9	4867.9	5335.8	5971.9	6628.6	7334.6	7511.1	7110.9	6349.5	77.5°
80°	1877.8	3068.1	2928.5	3129.6	3634.5	4498.4	5467.0	6246.9	6706.6	6482.9	5676.4	80°
82.5°	960.4	1769.0	1691.0	1970.2	2378.5	3129.6	3769.9	4369.1	4911.0	4880.2	4574.4	82.5°
85°	498.7	968.6	1102.1	1247.8	1453.0	1721.8	1963.9	2138.4	2364.1	2762.3	2897.7	85°
87.5°	0.0	0.0	0.0	0.0	0.0	2.1	0.0	147.8	106.7	293.5	418.7	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°
2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7
2128.2	2130.2	2126.1	2126.1	2128.2	2128.2	2124.0
2124.0	2124.0	2119.9	2115.9	2111.7	2111.7	2107.7
2171.2	2171.2	2156.9	2150.7	2140.4	2132.2	2128.2
2241.0	2228.7	2212.3	2200.0	2183.5	2165.1	2154.8
2310.8	2292.3	2271.8	2253.4	2232.8	2212.3	2202.1
2425.7	2401.0	2374.4	2351.8	2323.1	2292.3	2280.0
2602.2	2563.2	2528.3	2495.4	2444.1	2421.7	2397.0
2836.2	2778.7	2733.6	2678.1	2614.5	2594.0	2563.2
3119.4	3070.2	2979.8	2938.8	2875.1	2844.4	2850.6
3550.4	3486.7	3382.1	3343.0	3336.9	3269.2	3236.4
4112.6	4116.7	4020.3	3915.6	3858.1	3751.4	3616.0
4913.0	4857.6	4744.7	4638.0	4502.6	4301.5	4075.6
5881.7	5758.5	5571.7	5372.6	5132.5	4822.7	4506.6
6827.7	6612.2	6314.6	5982.2	5635.3	5249.5	4802.2
7658.9	7324.4	6879.0	6497.3	6006.8	5524.6	4978.7
8418.1	8003.6	7429.0	6934.4	6355.6	5736.0	5089.5
9152.8	8627.5	7923.6	7254.6	6599.9	5877.5	5142.8
9852.6	9175.4	8340.2	7543.9	6778.4	5969.8	5151.1
10390.4	9651.5	8713.7	7753.3	6901.6	6039.7	5151.1
10889.0	10053.8	8999.0	7917.4	7016.5	6086.8	5155.1
11276.9	10337.0	9183.6	8034.4	7106.8	6121.8	5173.6
11558.0	10521.7	9306.7	8106.2	7172.4	6171.0	5214.7
11755.0	10642.8	9374.5	8169.8	7252.5	6257.2	5329.6
11849.4	10866.4	9487.4	8297.1	7390.1	6439.8	5559.5
11777.6	11213.3	9809.5	8512.5	7580.8	6725.1	5926.7
11746.8	11276.9	9897.8	8559.8	7623.9	6786.6	6054.0
11506.7	11340.5	10261.0	8797.8	7829.2	7059.6	6409.0
10761.8	11090.2	10566.8	9200.1	8270.4	7722.5	7071.9
9797.3	10718.7	10511.4	9251.4	8551.6	8266.3	7490.6
8641.9	9596.2	9403.2	8568.0	8241.7	8272.4	7381.8
6801.0	7517.2	7390.1	7096.6	7162.2	7388.0	6322.9
5448.6	5352.1	5058.7	5079.2	5458.9	5723.6	4551.8
4451.3	3603.7	3222.0	3232.2	3895.1	4170.1	2899.8
4235.8	3408.7	2776.7	2425.7	2834.1	2729.4	1514.5
3016.8	3022.9	2507.8	2037.8	1974.2	1678.8	944.0
714.2	572.5	408.4	303.7	320.1	211.4	106.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

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