

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: P152761

Luminaire Tested: **VXS-E06-LED-E1-SLL-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P152761
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-SLL-7050
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (126) 5000K 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



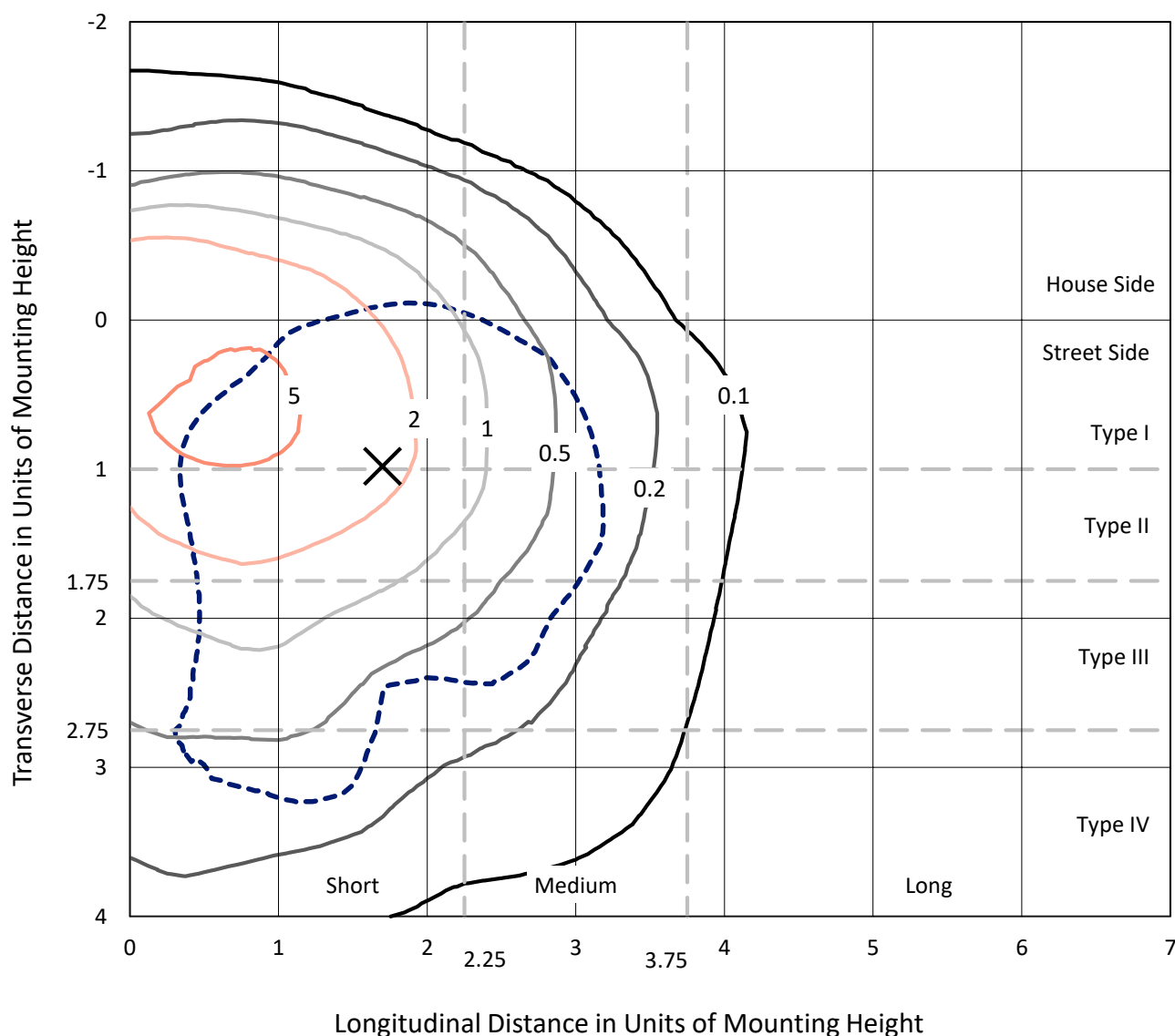
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

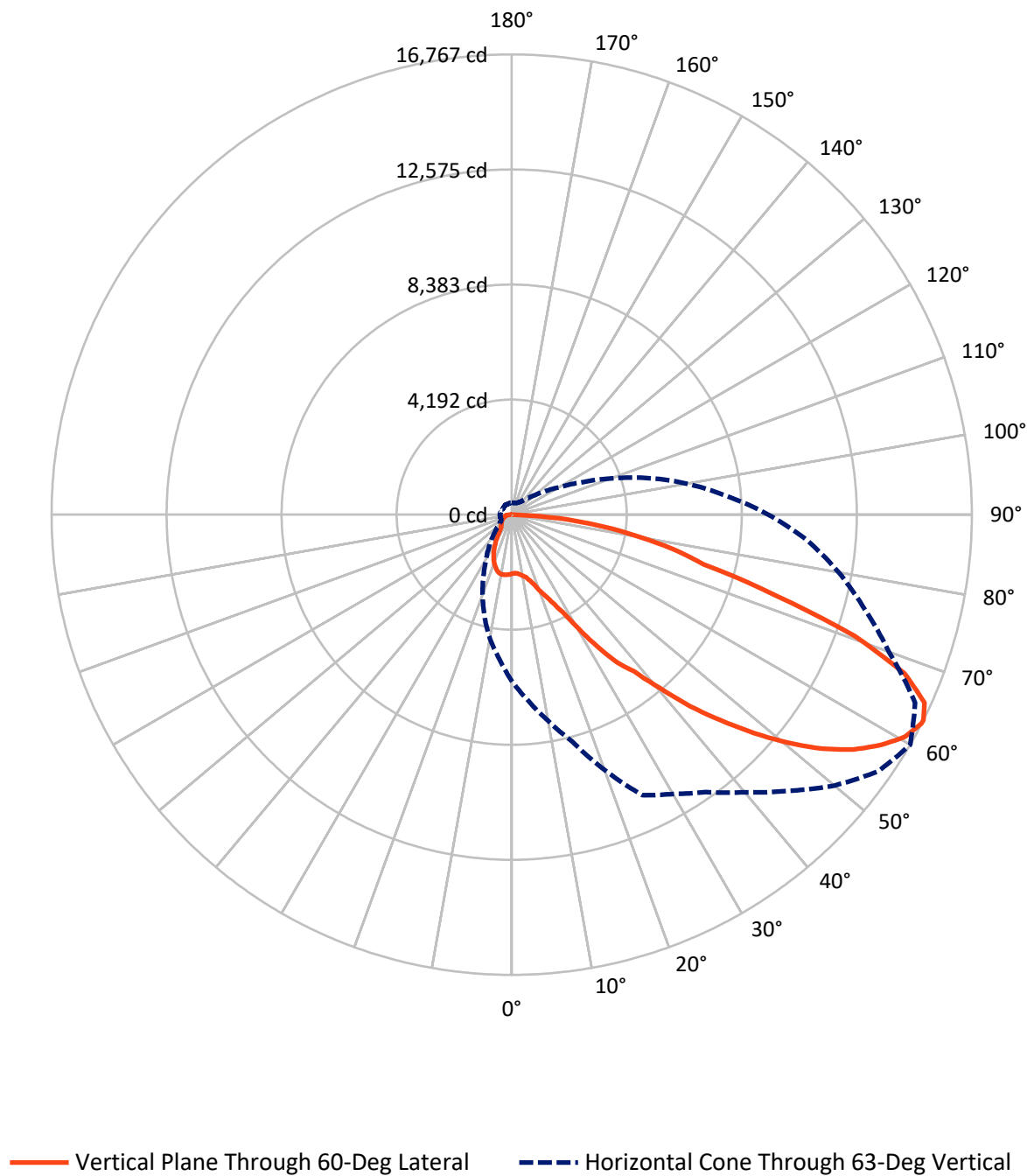


Based on 25 foot mounting height. Maximum calculated value = 6.8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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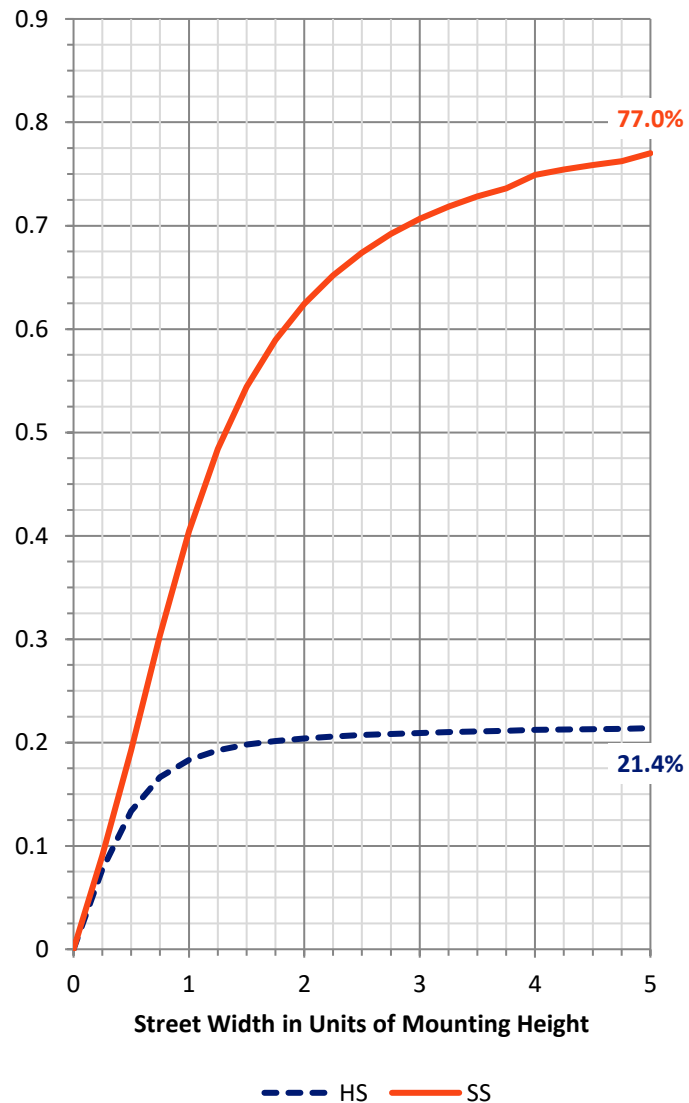
FLUX DISTRIBUTION:

		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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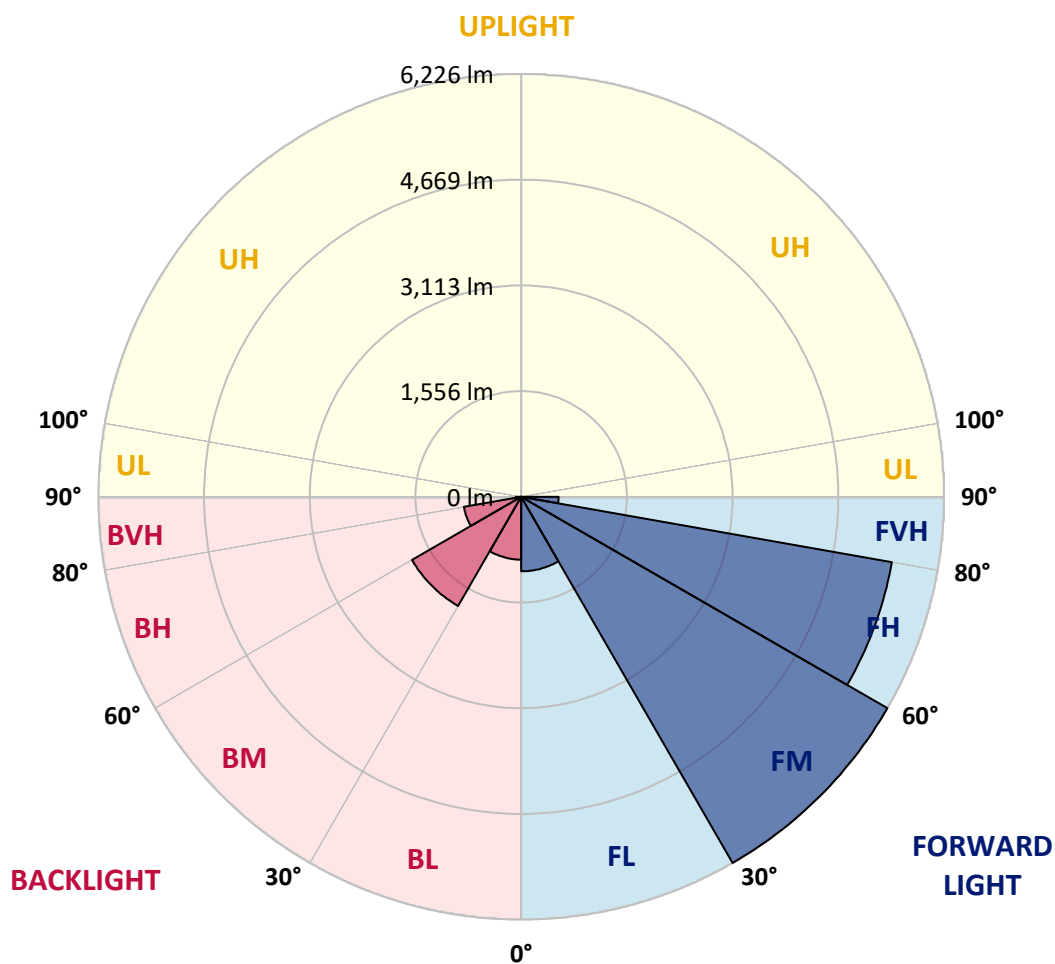
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

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	2128.2	2128.2	2126.1	2126.1	2130.2	2128.2	2126.1	2119.9	2128.2	2128.2
5°	2107.7	2111.7	2111.7	2115.9	2119.9	2124.0	2124.0	2128.2	2126.1	2134.3	2140.4
7.5°	2128.2	2132.2	2140.4	2150.7	2156.9	2171.2	2171.2	2181.5	2185.6	2191.7	2189.7
10°	2154.8	2165.1	2183.5	2200.0	2212.3	2228.7	2241.0	2255.3	2255.3	2261.6	2265.6
12.5°	2202.1	2212.3	2232.8	2253.4	2271.8	2292.3	2310.8	2325.2	2339.5	2343.6	2351.8
15°	2280.0	2292.3	2323.1	2351.8	2374.4	2401.0	2425.7	2454.4	2481.1	2487.3	2491.4
17.5°	2397.0	2421.7	2444.1	2495.4	2528.3	2563.2	2602.2	2643.2	2651.5	2694.5	2704.8
20°	2563.2	2594.0	2614.5	2678.1	2733.6	2778.7	2836.2	2883.3	2901.9	2942.9	2983.9
22.5°	2850.6	2844.4	2875.1	2938.8	2979.8	3070.2	3119.4	3168.6	3193.3	3254.8	3287.7
25°	3236.4	3269.2	3336.9	3343.0	3382.1	3486.7	3550.4	3599.6	3601.7	3620.1	3655.0
27.5°	3616.0	3751.4	3858.1	3915.6	4020.3	4116.7	4112.6	4182.4	4073.7	4096.2	4129.0
30°	4075.6	4301.5	4502.6	4638.0	4744.7	4857.6	4913.0	4952.0	4904.8	4884.2	4845.3
32.5°	4506.6	4822.7	5132.5	5372.6	5571.7	5758.5	5881.7	5937.0	6002.7	6168.9	6228.5
35°	4802.2	5249.5	5635.3	5982.2	6314.6	6612.2	6827.7	6950.9	6903.6	6881.0	6868.7
37.5°	4978.7	5524.6	6006.8	6497.3	6879.0	7324.4	7658.9	7983.1	8057.0	7927.7	7864.0
40°	5089.5	5736.0	6355.6	6934.4	7429.0	8003.6	8418.1	8904.6	9274.0	9323.2	9171.3
42.5°	5142.8	5877.5	6599.9	7254.6	7923.6	8627.5	9152.8	9741.9	10293.9	10673.6	10579.2
45°	5151.1	5969.8	6778.4	7543.9	8340.2	9175.4	9852.6	10505.3	11244.0	11894.6	11913.1
47.5°	5151.1	6039.7	6901.6	7753.3	8713.7	9651.5	10390.4	11162.0	12067.0	12836.6	13072.5
50°	5155.1	6086.8	7016.5	7917.4	8999.0	10053.8	10889.0	11800.2	12752.4	13589.7	14045.3
52.5°	5173.6	6121.8	7106.8	8034.4	9183.6	10337.0	11276.9	12327.7	13275.8	14135.6	14724.7
55°	5214.7	6171.0	7172.4	8106.2	9306.7	10521.7	11558.0	12688.8	13614.4	14486.5	15309.5
57.5°	5329.6	6257.2	7252.5	8169.8	9374.5	10642.8	11755.0	12844.8	13743.6	14652.7	15619.4
60°	5559.5	6439.8	7390.1	8297.1	9487.4	10866.4	11849.4	12740.1	13649.2	14603.5	15689.1
62.5°	5926.7	6725.1	7580.8	8512.5	9809.5	11213.3	11777.6	12428.2	13277.8	14318.2	15440.8
63°	6054.0	6786.6	7623.9	8559.8	9897.8	11276.9	11746.8	12335.9	13201.9	14228.0	15352.5
65°	6409.0	7059.6	7829.2	8797.8	10261.0	11340.5	11506.7	11855.6	12676.5	13712.8	14831.3
67.5°	7071.9	7722.5	8270.4	9200.1	10566.8	11090.2	10761.8	10804.9	11662.7	12736.1	13741.6
70°	7490.6	8266.3	8551.6	9251.4	10511.4	10718.7	9797.3	9226.7	9914.2	11137.3	12017.7
72.5°	7381.8	8272.4	8241.7	8568.0	9403.2	9596.2	8641.9	7743.0	8151.4	9064.7	9635.1
75°	6322.9	7388.0	7162.2	7096.6	7390.1	7517.2	6801.0	6663.5	7178.7	7685.5	7693.8
77.5°	4551.8	5723.6	5458.9	5079.2	5058.7	5352.1	5448.6	6349.5	7110.9	7511.1	7334.6
80°	2899.8	4170.1	3895.1	3232.2	3222.0	3603.7	4451.3	5676.4	6482.9	6706.6	6246.9
82.5°	1514.5	2729.4	2834.1	2425.7	2776.7	3408.7	4235.8	4574.4	4880.2	4911.0	4369.1
85°	944.0	1678.8	1974.2	2037.8	2507.8	3022.9	3016.8	2897.7	2762.3	2364.1	2138.4
87.5°	106.7	211.4	320.1	303.7	408.4	572.5	714.2	418.7	293.5	106.7	147.8
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):

	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°	2132.2	2134.3	2136.4	2136.4	2146.6	2144.6	2146.6	2150.7	2156.9	2160.9	2165.1
5°	2148.7	2148.7	2156.9	2163.0	2175.3	2183.5	2187.7	2200.0	2214.3	2210.3	2222.6
7.5°	2202.1	2200.0	2208.2	2212.3	2222.6	2236.9	2234.8	2245.1	2257.4	2261.6	2271.8
10°	2273.9	2267.7	2267.7	2263.6	2265.6	2261.6	2261.6	2261.6	2269.7	2267.7	2275.9
12.5°	2347.8	2345.7	2341.6	2329.2	2329.2	2312.8	2304.7	2294.4	2292.3	2277.9	2280.0
15°	2499.6	2499.6	2491.4	2466.7	2446.2	2431.9	2411.4	2397.0	2376.5	2349.7	2335.4
17.5°	2721.2	2692.5	2682.3	2678.1	2645.3	2633.0	2587.9	2540.6	2518.0	2481.1	2460.6
20°	2992.1	2986.0	2945.0	2924.4	2883.3	2825.9	2768.4	2706.8	2669.9	2624.8	2600.1
22.5°	3297.9	3252.7	3232.2	3201.5	3137.8	3072.1	2986.0	2903.8	2846.4	2815.6	2797.2
25°	3655.0	3609.8	3589.3	3548.3	3470.3	3400.5	3293.8	3197.3	3146.0	3094.7	3066.0
27.5°	4129.0	4085.9	4061.3	3954.6	3928.0	3813.1	3681.7	3550.4	3482.6	3406.6	3357.4
30°	4837.1	4839.1	4711.9	4582.6	4449.2	4250.2	4112.6	3964.9	3854.1	3745.3	3636.5
32.5°	6033.5	5727.8	5491.7	5214.7	4925.3	4713.9	4543.6	4367.2	4213.2	4055.1	3874.6
35°	6764.0	6616.4	6310.6	5803.6	5512.2	5255.8	5066.9	4853.5	4664.7	4385.6	4110.6
37.5°	7589.1	7246.3	6874.9	6593.8	6263.3	5965.8	5649.7	5407.6	5081.2	4705.7	4315.8
40°	8793.7	8303.2	7855.9	7478.2	7051.4	6739.5	6386.5	6035.5	5602.5	5058.7	4523.1
42.5°	10051.7	9544.9	8953.8	8463.3	7960.5	7595.2	7158.1	6665.6	6029.4	5356.3	4701.7
45°	11371.3	10694.1	9986.0	9386.8	8863.5	8409.9	7868.2	7215.5	6439.8	5623.1	4867.9
47.5°	12672.4	11894.6	11051.2	10406.7	9725.4	9171.3	8506.4	7681.5	6760.0	5875.4	5034.1
50°	13819.6	13070.6	12054.7	11235.9	10546.3	9862.9	9033.8	8040.5	7012.4	6093.1	5183.8
52.5°	14808.7	14164.4	13095.1	12060.8	11266.6	10499.1	9458.7	8329.9	7266.8	6294.1	5307.0
55°	15535.2	15106.3	14121.2	12838.7	11900.7	10985.5	9817.8	8609.0	7506.9	6454.2	5387.0
57.5°	16083.2	15845.1	14999.6	13571.3	12483.6	11457.5	10189.2	8943.5	7745.1	6591.7	5424.0
60°	16382.8	16448.5	15664.6	14211.6	12998.7	11851.5	10560.7	9228.8	7921.6	6671.7	5403.4
62.5°	16354.1	16756.3	16163.2	14605.6	13298.3	12085.5	10811.1	9362.2	7896.9	6544.5	5216.7
63°	16298.7	16766.5	16218.7	14632.2	13316.8	12093.7	10817.2	9343.7	7845.6	6482.9	5142.8
65°	15820.5	16530.6	16171.4	14511.2	13152.6	11939.8	10687.9	9076.9	7484.5	6152.5	4763.2
67.5°	14539.9	15428.5	15325.9	13655.4	12374.8	11303.6	10027.2	8217.1	6591.7	5339.9	4036.7
70°	12424.0	13259.4	13277.8	11876.2	10806.9	9756.2	8695.2	6686.1	5225.0	4139.3	3010.6
72.5°	9522.3	10059.9	10246.7	9323.2	8606.9	7868.2	6916.0	4853.5	3724.8	2815.6	1959.9
75°	7373.6	7225.8	7223.7	6833.9	6542.5	6181.2	5134.6	3275.3	2446.2	1830.6	1198.4
77.5°	6628.6	5971.9	5335.8	4867.9	4633.9	4512.8	3367.7	1974.2	1442.7	1052.7	689.5
80°	5467.0	4498.4	3634.5	3129.6	2928.5	3068.1	1877.8	1067.2	790.1	599.3	447.4
82.5°	3769.9	3129.6	2378.5	1970.2	1691.0	1769.0	960.4	545.9	365.3	334.5	277.1
85°	1963.9	1721.8	1453.0	1247.8	1102.1	968.6	498.7	260.6	151.8	133.4	121.0
87.5°	0.0	2.1	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°	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7	2152.7
2.5°	2171.2	2169.2	2173.3	2175.3	2181.5	2185.6	2187.7	2183.5	2189.7	2195.9	2191.7
5°	2228.7	2243.1	2245.1	2251.3	2251.3	2263.6	2263.6	2263.6	2261.6	2263.6	2259.5
7.5°	2277.9	2296.4	2298.4	2306.7	2308.7	2323.1	2317.0	2321.0	2321.0	2310.8	2306.7
10°	2284.1	2302.6	2312.8	2323.1	2337.5	2356.0	2356.0	2366.2	2366.2	2358.0	2356.0
12.5°	2286.1	2300.5	2310.8	2325.2	2345.7	2372.3	2386.7	2401.0	2407.3	2405.2	2399.1
15°	2329.2	2329.2	2331.3	2343.6	2358.0	2390.8	2411.4	2427.8	2438.0	2433.9	2423.6
17.5°	2442.2	2425.7	2413.4	2392.8	2397.0	2413.4	2425.7	2440.1	2442.2	2438.0	2421.7
20°	2573.5	2553.0	2522.2	2489.3	2473.0	2460.6	2452.4	2452.4	2446.2	2425.7	2399.1
22.5°	2760.2	2733.6	2690.5	2641.2	2608.4	2569.3	2522.2	2477.0	2427.8	2378.5	2321.0
25°	3018.8	2981.9	2936.7	2860.8	2791.0	2708.9	2612.4	2511.9	2394.9	2292.3	2208.2
27.5°	3279.5	3197.3	3080.4	2975.8	2846.4	2723.3	2585.8	2462.7	2312.8	2189.7	2097.4
30°	3494.9	3339.0	3170.7	3004.5	2834.1	2667.9	2503.7	2356.0	2191.7	2066.5	1976.3
32.5°	3661.1	3445.7	3211.7	2994.2	2784.9	2581.7	2392.8	2228.7	2062.5	1933.2	1836.7
35°	3815.0	3515.4	3217.8	2949.0	2690.5	2479.1	2265.6	2087.2	1910.6	1775.1	1670.5
37.5°	3929.9	3548.3	3180.9	2864.9	2567.4	2331.3	2113.8	1931.1	1750.6	1602.8	1483.7
40°	4003.8	3527.8	3100.9	2743.8	2421.7	2173.3	1951.6	1762.8	1588.4	1426.3	1282.6
42.5°	4063.4	3501.0	3020.8	2633.0	2306.7	2035.8	1808.0	1604.9	1428.3	1251.8	1093.8
45°	4151.6	3521.6	2986.0	2555.0	2204.0	1918.9	1668.5	1457.1	1272.3	1100.0	948.1
47.5°	4237.8	3531.8	2934.6	2458.5	2074.8	1797.7	1543.2	1338.0	1149.2	991.2	851.7
50°	4315.8	3525.7	2854.6	2335.4	1949.6	1676.7	1430.4	1225.2	1038.4	892.7	761.3
52.5°	4352.7	3490.8	2756.2	2216.4	1849.0	1569.9	1319.6	1120.5	935.9	798.3	677.2
55°	4348.6	3400.5	2626.8	2103.5	1738.2	1457.1	1210.8	1013.8	847.6	720.3	615.6
57.5°	4287.0	3260.9	2489.3	1978.3	1592.5	1317.5	1083.5	892.7	753.2	646.4	558.2
60°	4157.8	3082.4	2308.7	1795.6	1409.8	1145.2	925.6	761.3	648.5	566.4	508.9
62.5°	3915.6	2825.9	2083.0	1541.2	1163.6	921.5	730.6	623.8	539.7	490.5	463.8
63°	3843.8	2756.2	1986.5	1479.7	1106.1	870.2	689.5	578.8	517.2	474.1	449.4
65°	3486.7	2413.4	1662.3	1194.4	859.9	671.1	554.1	469.9	433.1	414.5	412.5
67.5°	2823.8	1898.3	1176.0	818.9	584.9	484.4	424.8	389.9	373.5	369.4	373.5
70°	1982.5	1198.4	747.0	543.8	433.1	389.9	363.2	348.9	338.7	340.6	344.8
72.5°	1264.1	718.2	513.1	412.5	365.3	342.7	330.4	326.3	324.2	322.2	322.2
75°	720.3	478.1	394.0	357.1	332.4	314.0	303.7	299.6	301.7	303.7	299.6
77.5°	476.1	394.0	350.9	326.3	303.7	283.2	277.1	275.0	279.1	283.2	283.2
80°	375.5	350.9	326.3	301.7	264.8	250.4	254.5	256.5	254.5	256.5	250.4
82.5°	264.8	260.6	266.7	256.5	219.6	207.3	203.2	205.2	201.1	201.1	197.0
85°	123.1	123.1	129.3	129.3	125.2	127.3	137.5	149.8	156.0	149.8	141.6
87.5°	0.0	0.0	0.0	0.0	0.0	18.4	36.9	53.4	57.5	71.8	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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CATALOG NUMBER: VXS-E06-LED-E1-SLL-7050

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°	2185.6	2189.7	2187.7	2185.6	2189.7	2185.6	2187.7	2185.6	2185.6	2183.5	2183.5
5°	2255.3	2261.6	2249.2	2247.2	2243.1	2232.8	2232.8	2228.7	2228.7	2220.5	2214.3
7.5°	2300.5	2302.6	2292.3	2290.3	2280.0	2269.7	2261.6	2253.4	2251.3	2245.1	2232.8
10°	2343.6	2339.5	2331.3	2321.0	2310.8	2296.4	2286.1	2275.9	2273.9	2263.6	2249.2
12.5°	2380.5	2378.5	2362.1	2351.8	2335.4	2321.0	2308.7	2296.4	2290.3	2277.9	2257.4
15°	2405.2	2392.8	2372.3	2353.9	2335.4	2319.0	2304.7	2290.3	2284.1	2269.7	2249.2
17.5°	2394.9	2372.3	2345.7	2323.1	2298.4	2277.9	2265.6	2251.3	2241.0	2232.8	2204.0
20°	2358.0	2325.2	2284.1	2257.4	2224.6	2197.9	2189.7	2175.3	2167.2	2136.4	2099.4
22.5°	2261.6	2214.3	2163.0	2124.0	2087.2	2060.4	2039.9	2025.5	2005.0	1986.5	1929.1
25°	2140.4	2087.2	2033.8	1986.5	1937.3	1896.3	1859.3	1824.5	1814.2	1775.1	1719.8
27.5°	2023.5	1963.9	1910.6	1855.2	1791.6	1740.3	1676.7	1627.4	1594.6	1553.6	1502.2
30°	1898.3	1838.8	1766.9	1693.1	1619.2	1563.8	1491.9	1432.4	1391.4	1348.3	1301.1
32.5°	1740.3	1668.5	1582.3	1500.2	1432.4	1366.7	1294.9	1237.5	1196.5	1157.4	1112.3
35°	1559.7	1465.3	1373.0	1282.6	1210.8	1155.4	1091.8	1048.7	1020.0	985.1	937.8
37.5°	1352.4	1245.7	1147.2	1077.4	1013.8	960.4	915.3	888.6	857.8	839.4	810.7
40°	1143.1	1038.4	942.0	878.3	825.0	794.2	769.5	763.4	742.9	718.2	699.8
42.5°	958.3	857.8	763.4	712.1	677.2	669.0	656.7	656.7	646.4	628.0	615.6
45°	833.2	728.5	646.4	609.5	591.1	589.0	582.8	582.8	580.7	572.5	558.2
47.5°	742.9	648.5	584.9	562.3	558.2	554.1	548.0	545.9	543.8	537.7	529.4
50°	660.8	580.7	539.7	529.4	531.5	525.4	519.2	513.1	511.0	504.9	496.7
52.5°	584.9	527.5	500.7	494.6	494.6	494.6	490.5	490.5	486.4	484.4	476.1
55°	541.8	498.7	484.4	482.3	480.2	478.1	474.1	474.1	469.9	467.9	457.6
57.5°	504.9	478.1	469.9	465.8	463.8	459.7	457.6	457.6	457.6	457.6	445.3
60°	476.1	463.8	461.8	457.6	455.5	447.4	443.3	441.2	443.3	445.3	433.1
62.5°	445.3	443.3	441.2	437.1	435.0	426.8	420.7	416.6	420.7	424.8	422.8
63°	437.1	435.0	435.0	433.1	431.0	420.7	414.5	410.5	414.5	418.7	418.7
65°	408.4	410.5	410.5	408.4	406.3	400.2	392.0	387.9	389.9	396.1	398.1
67.5°	377.6	379.7	377.6	379.7	377.6	373.5	367.4	363.2	361.1	363.2	365.3
70°	348.9	353.0	350.9	348.9	346.8	346.8	342.7	336.6	334.5	332.4	332.4
72.5°	324.2	324.2	320.1	320.1	318.1	318.1	314.0	307.9	305.8	305.8	301.7
75°	297.6	297.6	291.4	291.4	287.4	289.3	285.3	279.1	277.1	277.1	275.0
77.5°	281.1	275.0	264.8	262.7	260.6	260.6	258.5	252.4	250.4	250.4	248.3
80°	248.3	236.0	225.7	223.7	225.7	229.8	229.8	225.7	225.7	225.7	225.7
82.5°	193.0	188.8	182.7	178.5	178.5	184.7	193.0	197.0	201.1	205.2	205.2
85°	141.6	143.6	141.6	135.4	133.4	139.6	147.8	156.0	158.0	166.2	164.1
87.5°	76.0	78.0	71.8	69.7	76.0	80.0	88.3	90.3	94.4	96.5	98.5
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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CATALOG NUMBER: VXS-E06-LED-E1-SLL-7050

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°	2181.5	2179.5	2181.5	2177.4	2177.4	2173.3	2169.2	2167.2	2163.0	2160.9	2156.9
5°	2218.4	2212.3	2206.1	2204.0	2195.9	2187.7	2181.5	2171.2	2163.0	2148.7	2144.6
7.5°	2243.1	2228.7	2220.5	2218.4	2206.1	2200.0	2185.6	2173.3	2160.9	2142.5	2136.4
10°	2253.4	2239.0	2224.6	2218.4	2204.0	2193.8	2179.5	2160.9	2150.7	2132.2	2128.2
12.5°	2265.6	2239.0	2216.4	2200.0	2179.5	2156.9	2142.5	2132.2	2117.9	2107.7	2103.5
15°	2243.1	2208.2	2173.3	2142.5	2109.6	2085.1	2070.7	2054.3	2037.8	2031.7	2031.7
17.5°	2181.5	2136.4	2076.8	2037.8	2003.0	1976.3	1957.8	1941.3	1939.4	1931.1	1935.2
20°	2054.3	1994.7	1937.3	1908.6	1888.1	1871.6	1853.2	1845.0	1838.8	1826.4	1822.4
22.5°	1877.8	1828.5	1787.5	1766.9	1750.6	1730.1	1713.6	1689.0	1682.8	1670.5	1664.4
25°	1682.8	1643.8	1608.9	1594.6	1584.4	1555.5	1545.3	1512.4	1489.9	1475.5	1483.7
27.5°	1487.9	1459.2	1426.3	1407.8	1401.7	1375.0	1364.8	1327.8	1309.3	1309.3	1288.8
30°	1286.7	1260.1	1239.6	1219.0	1214.9	1182.1	1155.4	1141.0	1120.5	1112.3	1097.9
32.5°	1097.9	1071.3	1054.8	1044.6	1028.2	1001.5	974.8	950.2	917.3	905.0	898.9
35°	923.5	903.0	882.5	874.2	851.7	822.9	790.1	769.5	730.6	716.3	710.1
37.5°	790.1	765.5	751.1	728.5	706.0	675.1	650.6	632.1	617.7	611.6	611.6
40°	683.4	664.9	648.5	630.1	611.6	595.1	582.8	578.8	576.7	576.7	580.7
42.5°	603.3	586.9	578.8	568.5	562.3	562.3	560.2	562.3	564.4	566.4	572.5
45°	549.9	539.7	535.6	533.6	537.7	541.8	543.8	548.0	556.2	560.2	562.3
47.5°	521.2	513.1	511.0	513.1	519.2	527.5	535.6	541.8	548.0	549.9	552.0
50°	492.5	482.3	478.1	482.3	490.5	502.8	508.9	519.2	523.3	527.5	523.3
52.5°	467.9	459.7	457.6	457.6	465.8	474.1	482.3	490.5	492.5	492.5	490.5
55°	447.4	441.2	435.0	439.2	445.3	453.6	465.8	472.0	476.1	478.1	478.1
57.5°	431.0	424.8	418.7	422.8	428.9	437.1	449.4	455.5	459.7	465.8	467.9
60°	418.7	410.5	404.2	410.5	416.6	428.9	439.2	445.3	455.5	457.6	457.6
62.5°	406.3	398.1	387.9	394.0	394.0	400.2	410.5	418.7	428.9	433.1	433.1
63°	404.2	396.1	385.8	389.9	389.9	394.0	402.3	410.5	422.8	426.8	424.8
65°	387.9	385.8	375.5	375.5	371.4	375.5	381.8	389.9	396.1	402.3	402.3
67.5°	361.1	359.2	357.1	357.1	357.1	361.1	365.3	371.4	377.6	381.8	379.7
70°	330.4	330.4	330.4	332.4	332.4	336.6	338.7	336.6	342.7	346.8	344.8
72.5°	303.7	301.7	299.6	303.7	301.7	301.7	305.8	303.7	309.8	309.8	311.9
75°	275.0	273.0	273.0	275.0	270.9	266.7	268.8	268.8	270.9	270.9	275.0
77.5°	250.4	250.4	250.4	248.3	244.2	242.2	240.1	240.1	240.1	240.1	242.2
80°	227.8	227.8	227.8	225.7	221.7	217.5	213.5	211.4	209.3	199.1	199.1
82.5°	205.2	205.2	205.2	205.2	203.2	199.1	193.0	176.5	168.3	160.1	162.2
85°	162.2	166.2	170.4	176.5	174.4	174.4	162.2	141.6	129.3	121.0	123.1
87.5°	104.7	92.3	92.3	90.3	86.2	82.1	82.1	69.7	57.5	51.3	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-SLL-7050

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°	2156.9	2152.7	2148.7	2148.7	2142.5	2142.5	2138.4	2146.6	2138.4	2132.2	2132.2	2.5°
5°	2140.4	2136.4	2124.0	2122.0	2113.8	2113.8	2113.8	2109.6	2109.6	2105.6	2103.5	5°
7.5°	2130.2	2119.9	2109.6	2103.5	2103.5	2099.4	2107.7	2103.5	2105.6	2105.6	2107.7	7.5°
10°	2122.0	2113.8	2109.6	2107.7	2107.7	2113.8	2119.9	2122.0	2119.9	2122.0	2122.0	10°
12.5°	2101.5	2105.6	2107.7	2115.9	2126.1	2138.4	2152.7	2154.8	2159.0	2159.0	2163.0	12.5°
15°	2035.8	2046.0	2058.3	2078.9	2105.6	2132.2	2159.0	2181.5	2202.1	2212.3	2220.5	15°
17.5°	1943.4	1953.7	1976.3	1998.9	2033.8	2072.7	2117.9	2156.9	2200.0	2239.0	2277.9	17.5°
20°	1818.2	1834.7	1840.8	1881.9	1922.9	1976.3	2029.6	2091.2	2165.1	2239.0	2314.9	20°
22.5°	1656.2	1674.6	1703.3	1736.2	1779.3	1845.0	1908.6	2005.0	2103.5	2208.2	2327.3	22.5°
25°	1475.5	1496.1	1520.7	1555.5	1598.7	1668.5	1760.8	1863.4	1984.5	2122.0	2269.7	25°
27.5°	1288.8	1309.3	1329.8	1354.5	1403.7	1477.6	1586.3	1693.1	1826.4	1976.3	2148.7	27.5°
30°	1102.1	1104.0	1116.4	1147.2	1198.4	1294.9	1375.0	1508.4	1647.9	1805.9	2005.0	30°
32.5°	896.8	894.7	909.1	935.9	985.1	1077.4	1176.0	1305.2	1442.7	1641.8	1846.9	32.5°
35°	714.2	714.2	740.8	767.6	822.9	888.6	974.8	1089.7	1251.8	1436.6	1641.8	35°
37.5°	617.7	632.1	648.5	675.1	718.2	769.5	845.5	946.1	1073.3	1249.8	1438.5	37.5°
40°	586.9	595.1	609.5	634.1	671.1	718.2	773.7	849.6	948.1	1089.7	1262.1	40°
42.5°	574.6	576.7	584.9	603.3	636.2	683.4	740.8	808.6	882.5	983.0	1132.8	42.5°
45°	562.3	560.2	564.4	578.8	605.4	658.8	724.5	798.3	872.2	956.4	1079.5	45°
47.5°	552.0	552.0	552.0	558.2	582.8	636.2	712.1	798.3	886.5	980.9	1102.1	47.5°
50°	523.3	521.2	521.2	525.4	543.8	601.3	691.6	796.3	911.2	1034.3	1171.8	50°
52.5°	490.5	490.5	492.5	494.6	511.0	568.5	669.0	796.3	939.9	1104.0	1276.5	52.5°
55°	480.2	482.3	484.4	482.3	494.6	543.8	644.4	783.9	952.2	1159.5	1389.3	55°
57.5°	472.0	476.1	476.1	474.1	482.3	523.3	619.8	759.3	942.0	1180.0	1469.4	57.5°
60°	459.7	459.7	459.7	453.6	457.6	494.6	582.8	720.3	909.1	1161.6	1481.7	60°
62.5°	433.1	433.1	428.9	426.8	424.8	453.6	533.6	662.9	849.6	1112.3	1450.9	62.5°
63°	426.8	424.8	424.8	418.7	418.7	445.3	523.3	654.6	833.2	1100.0	1438.5	63°
65°	404.2	404.2	404.2	400.2	398.1	418.7	482.3	597.2	769.5	1042.5	1377.0	65°
67.5°	379.7	381.8	377.6	375.5	373.5	385.8	435.0	525.4	671.1	921.5	1262.1	67.5°
70°	344.8	346.8	346.8	344.8	342.7	350.9	381.8	451.5	556.2	767.6	1075.3	70°
72.5°	314.0	318.1	318.1	322.2	322.2	328.4	340.6	375.5	445.3	599.3	845.5	72.5°
75°	281.1	283.2	287.4	291.4	287.4	285.3	287.4	314.0	348.9	443.3	603.3	75°
77.5°	252.4	258.5	258.5	256.5	250.4	246.2	246.2	258.5	287.4	336.6	431.0	77.5°
80°	209.3	219.6	221.7	215.4	209.3	209.3	213.5	221.7	240.1	277.1	326.3	80°
82.5°	168.3	178.5	180.6	182.7	180.6	186.7	186.7	188.8	199.1	227.8	266.7	82.5°
85°	129.3	137.5	143.6	145.7	147.8	149.8	147.8	137.5	143.6	162.2	180.6	85°
87.5°	57.5	59.5	55.4	57.5	55.4	57.5	59.5	49.2	47.2	63.6	65.7	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
2130.2	2130.2	2132.2	2128.2	2128.2	2130.2	2124.0
2097.4	2105.6	2105.6	2105.6	2101.5	2105.6	2107.7
2105.6	2111.7	2115.9	2115.9	2113.8	2122.0	2128.2
2115.9	2126.1	2130.2	2130.2	2130.2	2140.4	2154.8
2154.8	2163.0	2169.2	2169.2	2173.3	2185.6	2202.1
2226.6	2236.9	2236.9	2234.8	2247.2	2261.6	2280.0
2306.7	2335.4	2349.7	2347.8	2358.0	2376.5	2397.0
2382.6	2462.7	2497.5	2522.2	2532.4	2557.1	2563.2
2446.2	2579.6	2676.1	2758.1	2797.2	2821.8	2850.6
2423.6	2604.2	2776.7	2945.0	3063.9	3185.1	3236.4
2331.3	2557.1	2782.8	3029.0	3244.6	3460.0	3616.0
2218.4	2489.3	2793.1	3142.0	3482.6	3813.1	4075.6
2089.1	2425.7	2815.6	3246.6	3694.0	4127.0	4506.6
1927.0	2304.7	2760.2	3256.9	3784.2	4309.6	4802.2
1721.8	2140.4	2631.0	3183.0	3788.4	4389.6	4978.7
1516.6	1933.2	2466.7	3076.3	3735.0	4408.2	5089.5
1373.0	1748.5	2300.5	2940.8	3648.8	4379.4	5142.8
1274.4	1615.1	2152.7	2817.7	3556.5	4328.1	5151.1
1266.2	1557.6	2056.3	2727.4	3482.6	4283.0	5151.1
1336.0	1588.4	2023.5	2682.3	3451.8	4268.6	5155.1
1467.4	1711.5	2083.0	2717.1	3476.5	4287.0	5173.6
1625.4	1898.3	2243.1	2838.2	3581.1	4348.6	5214.7
1769.0	2113.8	2516.1	3072.1	3771.9	4504.6	5329.6
1853.2	2298.4	2805.4	3400.5	4098.2	4814.5	5559.5
1863.4	2401.0	3061.9	3757.6	4494.3	5169.5	5926.7
1855.2	2409.3	3094.7	3825.3	4578.4	5257.7	6054.0
1810.1	2411.4	3187.0	4063.4	4869.9	5629.2	6409.0
1695.1	2345.7	3219.9	4250.2	5237.2	6117.6	7071.9
1496.1	2159.0	3123.4	4254.2	5378.9	6390.6	7490.6
1202.6	1803.9	2706.8	3870.5	5005.4	6121.8	7381.8
880.4	1325.7	2046.0	2998.2	4083.9	5095.6	6322.9
584.9	857.8	1379.1	2136.4	2928.5	3667.3	4551.8
402.3	531.5	806.5	1284.7	1791.6	2150.7	2899.8
295.5	350.9	447.4	656.7	862.0	1061.0	1514.5
184.7	201.1	223.7	324.2	463.8	625.9	944.0
49.2	51.3	47.2	63.6	100.5	96.5	106.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)