

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: P154423

Luminaire Tested: **VXS-F06-LED-E1-T2-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P154423
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXS-F06-LED-E1-T2-8030
Description: VISION SITE SMALL LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12808.2 lumens
Efficiency: N/A
Efficacy: 81.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 156.5
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



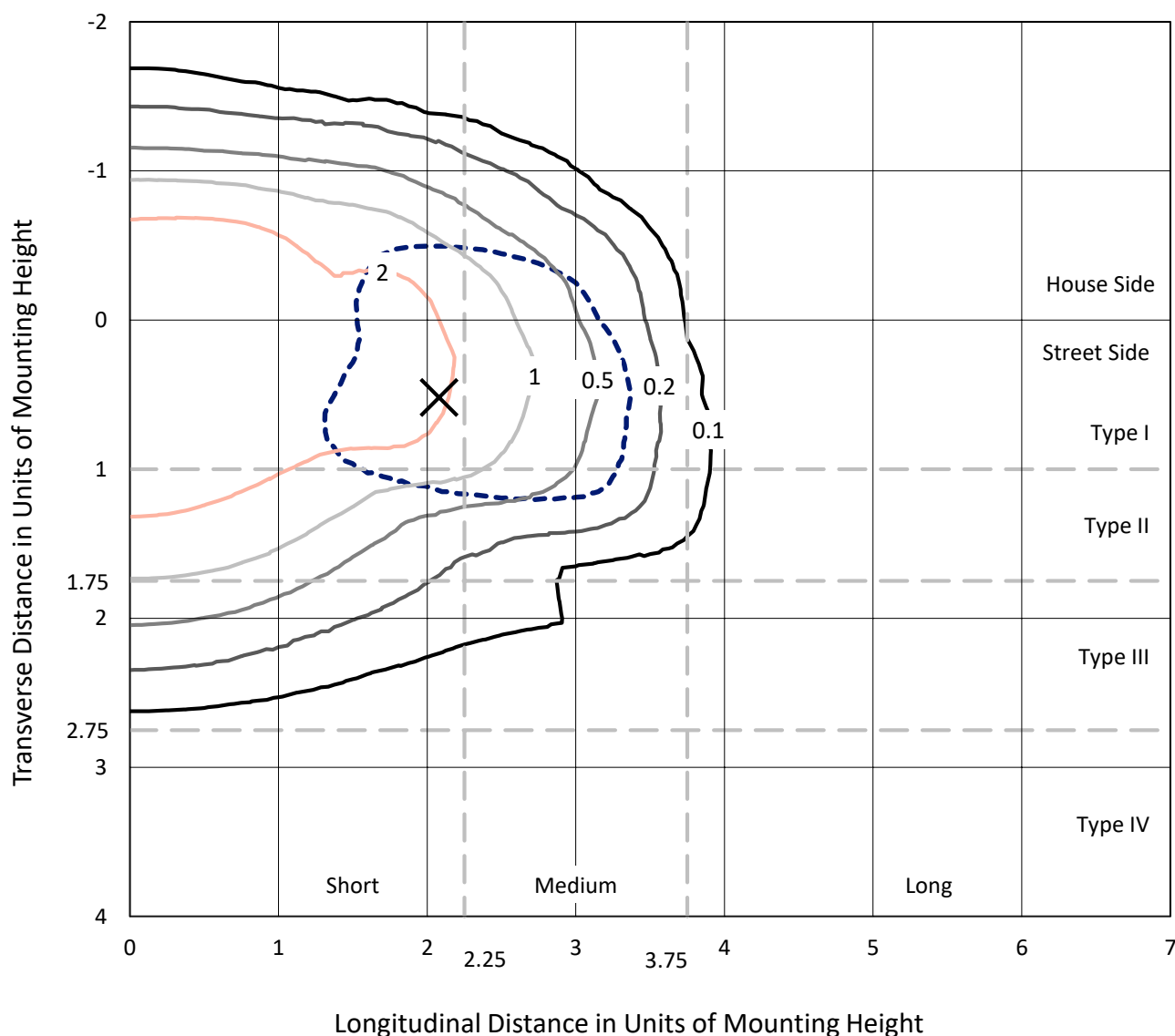
REPORT NUMBER: P154423

CATALOG NUMBER: VXS-F06-LED-E1-T2-8030

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

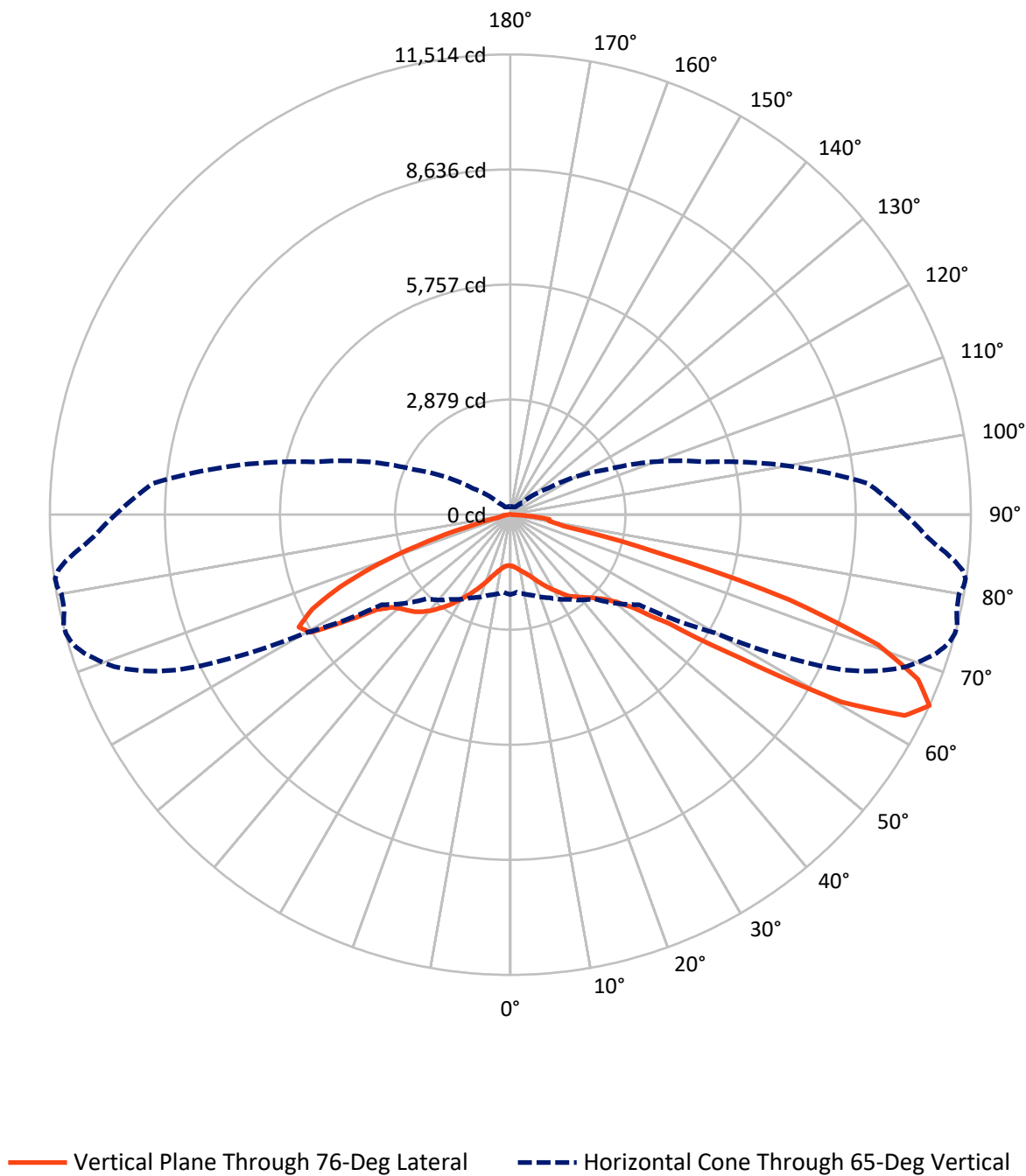


Based on 20 foot mounting height. Maximum calculated value = 3.9 fc
 Type II - Short - Semi-Cutoff

REPORT NUMBER: P154423

CATALOG NUMBER: VXS-F06-LED-E1-T2-8030

Luminous Intensity Polar Plot



REPORT NUMBER: P154423

CATALOG NUMBER: VXS-F06-LED-E1-T2-8030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4485.1	0.0	4485.1
	% Fixture	35.0	0.0	35.0
Street Side	Lumens	8323.1	0.0	8323.1
	% Fixture	65.0	0.0	65.0
Total	Lumens	12808.2	0.0	12808.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.2	1.0
10°-20°	440.5	3.4
20°-30°	865.3	6.8
30°-40°	1437.8	11.2
40°-50°	2112.7	16.5
50°-60°	2925.1	22.8
60°-70°	3491.3	27.3
70°-80°	1234.7	9.6
80°-90°	172.5	1.3
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°	12808.2	100.0
0°-180°	12808.2	100.0

Coefficient of Utilization



REPORT NUMBER: P154423

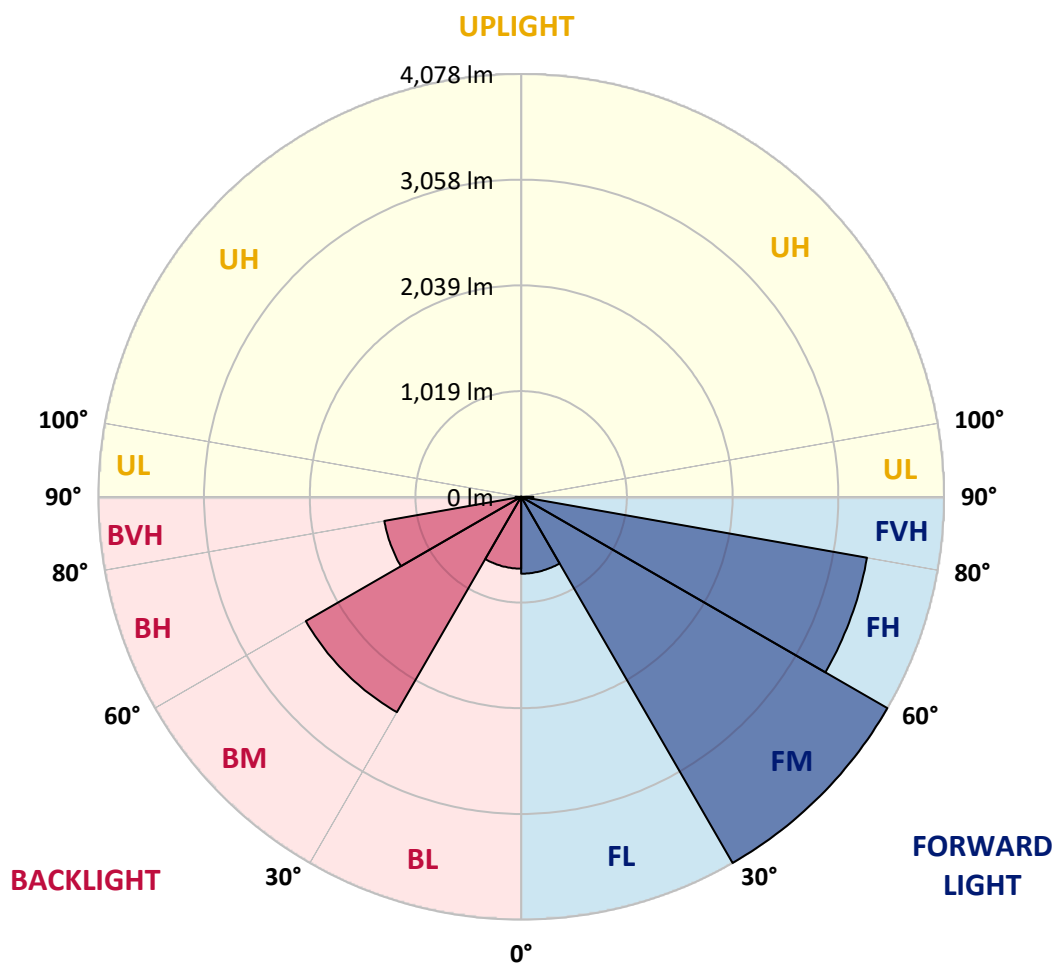
CATALOG NUMBER: VXS-F06-LED-E1-T2-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	741.1	5.8			
FM	(30°-60°)	4077.7	31.8			
FH	(60°-80°)	3386.3	26.4			G2/5000
FVH	(80°-90°)	117.9	0.9			G2/225
BL	(0°-30°)	692.9	5.4	B2/1000		
BM	(30°-60°)	2397.9	18.7	B2/2500		
BH	(60°-80°)	1339.7	10.5	B3/2500		G3/2500
BVH	(80°-90°)	54.6	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short



REPORT NUMBER: P154423

CATALOG NUMBER: VXS-F06-LED-E1-T2-8030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6
2.5°	1336.4	1337.7	1334.9	1333.6	1329.3	1322.4	1316.8	1311.3	1311.3	1311.3	1307.0
5°	1394.8	1397.6	1392.1	1387.9	1375.3	1368.4	1358.7	1351.7	1348.9	1347.5	1343.3
7.5°	1468.7	1464.6	1456.2	1453.4	1443.6	1428.3	1410.2	1396.3	1396.3	1394.8	1396.3
10°	1542.6	1531.4	1527.3	1523.1	1507.8	1488.2	1467.4	1452.0	1450.6	1449.2	1445.1
12.5°	1616.5	1612.2	1608.1	1592.7	1577.4	1546.7	1523.1	1507.8	1506.3	1507.8	1502.2
15°	1714.0	1704.2	1700.0	1673.6	1640.1	1606.6	1577.4	1563.5	1559.3	1560.7	1556.5
17.5°	1789.2	1789.2	1779.5	1750.2	1707.0	1661.0	1630.4	1622.0	1620.6	1620.6	1622.0
20°	1849.1	1847.8	1838.0	1814.3	1762.7	1716.8	1701.5	1698.7	1697.2	1697.2	1701.5
22.5°	1882.6	1879.8	1875.6	1849.1	1808.7	1778.0	1779.5	1787.8	1790.6	1793.4	1799.0
25°	1899.3	1895.1	1893.7	1875.6	1846.3	1842.2	1867.3	1889.5	1895.1	1900.7	1907.7
27.5°	1927.2	1920.2	1923.0	1916.1	1909.0	1921.6	1973.2	1996.9	2001.0	2008.0	2012.1
30°	2003.8	2001.0	2012.1	2014.9	2020.5	2038.7	2086.0	2108.3	2118.0	2118.0	2137.6
32.5°	2150.2	2151.5	2154.3	2183.5	2193.4	2205.9	2231.0	2249.0	2250.5	2251.8	2269.9
35°	2346.6	2354.9	2378.7	2403.7	2427.5	2426.0	2410.7	2420.4	2413.5	2421.9	2423.2
37.5°	2594.6	2583.5	2618.3	2675.4	2711.7	2702.0	2633.7	2589.1	2601.7	2596.1	2591.8
40°	2785.6	2798.1	2865.0	2940.2	2968.1	2998.8	2909.5	2833.0	2821.8	2800.8	2788.3
42.5°	3048.9	3050.3	3104.7	3160.4	3241.2	3308.1	3251.0	3140.9	3107.5	3082.4	3028.0
45°	3292.7	3288.6	3333.2	3401.5	3497.6	3593.8	3614.7	3494.8	3482.3	3437.7	3366.6
47.5°	3455.9	3450.3	3480.9	3570.1	3726.1	3883.6	3969.9	3933.8	3910.1	3891.9	3780.5
50°	3565.9	3554.7	3589.5	3684.4	3858.5	4101.0	4326.7	4357.4	4347.7	4347.7	4276.6
52.5°	3648.1	3648.1	3673.2	3749.8	3926.8	4229.2	4633.3	4788.0	4800.5	4814.4	4810.3
55°	3602.1	3609.1	3671.8	3783.3	3969.9	4318.3	4886.9	5225.5	5295.2	5353.7	5420.6
57.5°	3444.7	3468.4	3551.9	3734.5	3981.1	4385.3	5168.4	5838.7	6035.1	6205.1	6469.8
60°	3214.7	3245.4	3366.6	3599.4	3899.0	4276.6	5267.4	6357.0	6669.1	7039.8	7731.0
62.5°	2820.4	2851.1	2969.5	3202.2	3458.5	3859.9	4857.6	6433.7	6932.5	7457.8	8503.0
65°	1998.2	1949.4	2086.0	2295.0	2589.1	2977.8	3925.4	5919.5	6637.1	7349.1	8639.5
67.5°	1113.4	1109.2	1192.8	1348.9	1630.4	2048.4	2704.8	4539.9	5200.4	6007.3	7591.6
70°	767.8	776.2	829.1	997.7	1230.5	1591.3	1927.2	2851.1	3326.2	3873.9	5431.7
72.5°	539.3	557.4	586.6	686.9	925.3	1340.5	1969.0	1704.2	1941.1	2314.5	3266.3
75°	316.3	328.8	349.7	398.5	526.7	896.0	2038.7	1498.0	1498.0	1585.8	1976.0
77.5°	195.1	195.1	207.7	227.2	280.1	439.0	1452.0	1683.3	1636.0	1585.8	1589.9
80°	100.3	107.3	125.4	135.1	156.1	200.6	652.1	1570.5	1722.3	1824.0	1753.0
82.5°	46.0	51.6	76.7	82.2	90.6	105.9	224.4	893.3	1197.0	1576.1	1969.0
85°	23.7	23.7	40.4	50.2	54.3	48.8	82.2	360.9	546.2	833.3	1304.2
87.5°	4.1	4.1	6.9	8.4	12.5	11.2	13.9	20.9	34.8	37.6	39.1
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: P154423

CATALOG NUMBER: VXS-F06-LED-E1-T2-8030

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6
2.5°	1305.7	1307.0	1305.7	1304.2	1301.5	1301.5	1301.5	1300.1	1300.1	1300.1	1298.8
5°	1343.3	1337.7	1339.2	1336.4	1334.9	1333.6	1334.9	1332.1	1329.3	1330.8	1329.3
7.5°	1390.7	1387.9	1382.3	1382.3	1380.9	1378.1	1378.1	1374.0	1372.5	1369.7	1368.4
10°	1443.6	1436.7	1439.5	1436.7	1438.0	1432.5	1429.7	1426.9	1424.1	1424.1	1425.5
12.5°	1498.0	1496.6	1492.4	1489.6	1489.6	1485.4	1486.8	1485.4	1481.2	1479.9	1475.6
15°	1553.7	1553.7	1549.5	1551.0	1549.5	1546.7	1543.9	1543.9	1541.1	1538.3	1539.8
17.5°	1619.2	1619.2	1619.2	1619.2	1620.6	1616.5	1617.8	1615.0	1612.2	1617.8	1617.8
20°	1704.2	1709.7	1709.7	1708.4	1715.3	1711.2	1709.7	1716.8	1709.7	1719.6	1718.1
22.5°	1801.8	1807.4	1807.4	1813.0	1814.3	1818.4	1821.2	1818.4	1824.0	1829.6	1829.6
25°	1910.5	1916.1	1920.2	1928.6	1932.7	1929.9	1931.4	1938.3	1941.1	1946.6	1952.2
27.5°	2024.7	2026.1	2031.7	2041.5	2048.4	2051.2	2052.5	2063.7	2065.1	2067.9	2073.5
30°	2136.2	2150.2	2147.4	2159.9	2164.0	2168.3	2176.6	2180.8	2190.6	2196.1	2196.1
32.5°	2267.2	2264.4	2275.5	2285.3	2292.2	2299.3	2306.2	2311.8	2317.3	2320.1	2334.1
35°	2430.3	2435.8	2435.8	2437.2	2453.9	2455.3	2460.8	2473.4	2477.6	2485.9	2491.5
37.5°	2591.8	2582.1	2580.7	2580.7	2575.1	2579.3	2580.7	2582.1	2587.7	2589.1	2594.6
40°	2773.1	2760.4	2749.3	2742.4	2731.2	2715.9	2713.1	2706.1	2710.3	2708.9	2710.3
42.5°	3021.0	2986.2	2959.7	2940.2	2917.9	2901.2	2888.7	2870.6	2858.0	2842.7	2839.9
45°	3337.4	3271.9	3227.3	3195.2	3163.2	3117.2	3090.7	3062.8	3037.7	3012.6	2991.8
47.5°	3752.6	3682.9	3611.9	3553.4	3503.2	3429.3	3354.1	3312.3	3263.5	3220.3	3189.6
50°	4241.8	4158.1	4124.7	4042.5	3979.8	3868.3	3774.9	3706.6	3609.1	3543.6	3486.4
52.5°	4742.0	4721.0	4703.0	4633.3	4559.5	4495.3	4413.2	4293.3	4194.3	4119.1	4002.1
55°	5423.4	5433.2	5426.2	5388.6	5362.1	5300.7	5267.4	5162.8	5118.2	5009.5	4886.9
57.5°	6570.3	6648.3	6747.2	6786.2	6839.2	6789.0	6847.6	6918.5	6741.7	6802.9	6692.8
60°	8034.7	8392.8	8606.1	8868.1	9039.5	9279.2	9322.3	9385.1	9366.9	9401.8	9472.8
62.5°	8929.3	9354.4	9762.7	10059.5	10377.2	10552.7	10764.6	10912.2	11065.6	11168.7	11139.4
65°	9192.7	9630.3	10000.9	10325.6	10609.8	10824.5	11020.9	11206.3	11347.0	11446.0	11504.5
67.5°	8225.7	8797.0	9187.2	9567.6	9934.1	10159.8	10324.2	10503.9	10710.3	10881.7	10915.0
70°	6189.8	7046.7	7600.0	8055.6	8486.2	8790.1	9019.9	9187.2	9347.4	9470.1	9603.8
72.5°	3871.1	4620.7	5253.4	5844.2	6301.2	6719.3	6913.1	7283.6	7234.9	7328.3	7428.6
75°	2320.1	2685.2	3033.6	3450.3	3689.9	4038.2	4101.0	4162.3	4130.3	4025.7	4103.7
77.5°	1612.2	1672.1	1669.4	1645.7	1620.6	1559.3	1479.9	1436.7	1407.4	1365.6	1382.3
80°	1622.0	1492.4	1294.5	1088.3	898.8	773.4	723.2	723.2	774.8	848.6	922.5
82.5°	1938.3	1800.4	1605.3	1343.3	1064.7	866.7	734.4	681.5	691.2	766.4	861.1
85°	1307.0	1337.7	1173.3	1073.0	850.1	661.9	554.6	450.1	398.5	411.1	465.4
87.5°	47.4	57.1	20.9	27.9	19.5	16.7	16.7	18.1	12.5	15.3	13.9
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: P154423

CATALOG NUMBER: VXS-F06-LED-E1-T2-8030

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6
2.5°	1297.3	1296.0	1296.0	1293.2	1293.2	1291.7	1291.7	1290.4	1288.9	1288.9	1287.6
5°	1328.0	1326.6	1323.8	1322.4	1319.6	1319.6	1318.2	1315.4	1315.4	1312.6	1311.3
7.5°	1371.2	1368.4	1365.6	1364.2	1362.8	1358.7	1358.7	1355.9	1355.9	1353.1	1351.7
10°	1422.7	1419.9	1417.2	1418.5	1414.4	1413.0	1410.2	1410.2	1406.0	1404.7	1404.7
12.5°	1478.4	1477.1	1477.1	1472.8	1471.5	1470.2	1464.6	1464.6	1464.6	1461.8	1463.1
15°	1538.3	1539.8	1535.6	1539.8	1538.3	1534.2	1534.2	1534.2	1528.6	1535.6	1530.1
17.5°	1619.2	1623.4	1620.6	1622.0	1619.2	1619.2	1620.6	1619.2	1622.0	1622.0	1630.4
20°	1719.6	1720.9	1727.9	1725.1	1725.1	1723.7	1726.5	1727.9	1733.5	1730.7	1736.3
22.5°	1829.6	1836.6	1838.0	1843.5	1843.5	1842.2	1845.0	1850.6	1853.4	1857.5	1856.1
25°	1955.0	1959.2	1964.8	1957.8	1969.0	1969.0	1971.7	1978.8	1980.1	1980.1	1989.8
27.5°	2072.1	2083.2	2084.7	2091.6	2087.5	2090.2	2100.0	2104.1	2109.7	2109.7	2112.5
30°	2204.5	2208.6	2211.4	2219.8	2218.4	2219.8	2221.2	2228.2	2228.2	2235.1	2242.1
32.5°	2341.0	2343.8	2346.6	2354.9	2357.7	2363.3	2360.5	2366.1	2373.1	2374.5	2378.7
35°	2504.0	2506.8	2509.6	2522.2	2523.6	2533.4	2536.2	2533.4	2544.5	2537.5	2544.5
37.5°	2598.9	2611.4	2614.2	2622.5	2619.7	2626.7	2630.9	2636.5	2639.3	2644.8	2656.0
40°	2714.5	2718.7	2727.0	2731.2	2736.8	2738.1	2743.7	2747.9	2752.1	2764.7	2777.2
42.5°	2833.0	2838.5	2842.7	2848.3	2855.2	2860.8	2865.0	2877.5	2880.3	2888.7	2912.3
45°	2976.5	2973.7	2975.0	2976.5	2979.3	2986.2	2998.8	3011.3	3019.7	3039.2	3058.7
47.5°	3154.8	3136.7	3129.7	3118.5	3121.3	3136.7	3139.5	3160.4	3177.1	3195.2	3219.0
50°	3425.2	3376.4	3347.2	3317.8	3315.0	3323.4	3334.6	3356.9	3376.4	3400.1	3433.5
52.5°	3879.4	3786.0	3727.6	3646.7	3624.5	3620.2	3611.9	3624.5	3629.9	3662.1	3724.8
55°	4799.1	4626.3	4514.8	4389.4	4272.3	4237.5	4170.7	4184.6	4170.7	4190.2	4283.5
57.5°	6719.3	6581.3	6472.6	6312.4	6111.8	5898.5	5845.6	5626.8	5670.1	5795.4	5714.6
60°	9507.7	9457.5	9379.5	9302.8	9028.3	8873.6	8621.5	8593.6	8416.6	8417.9	8302.3
62.5°	11068.3	11132.4	11085.1	11062.8	11047.5	10998.7	10873.3	10722.8	10497.0	10334.0	10094.3
65°	11514.3	11459.9	11408.4	11401.3	11397.2	11476.6	11494.7	11388.8	11184.0	10930.4	10654.5
67.5°	10994.5	10963.8	10966.6	10908.1	10944.4	11082.3	11178.4	11149.1	10961.0	10654.5	10303.3
70°	9757.1	9697.2	9758.4	9835.1	9889.4	9968.9	10065.1	10088.7	9917.3	9602.4	9244.2
72.5°	7306.0	7315.8	7374.3	7395.1	7613.9	7591.6	7678.0	7396.6	7272.5	6973.0	6789.0
75°	3844.6	3781.9	3944.9	3599.4	3457.2	3556.2	3278.9	3012.6	3068.4	3114.4	2782.8
77.5°	1358.7	1270.9	1121.8	1061.9	883.4	748.3	611.7	551.8	519.8	503.0	482.2
80°	975.4	1003.3	972.6	900.2	765.0	613.2	483.5	381.8	327.5	298.2	278.7
82.5°	986.5	1096.7	1145.4	1124.6	1001.9	758.0	500.2	319.1	236.9	197.8	183.9
85°	529.5	579.7	557.4	469.6	422.2	252.2	172.7	115.6	97.5	89.2	82.2
87.5°	20.9	16.7	13.9	13.9	15.3	16.7	13.9	15.3	13.9	13.9	13.9
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: P154423

CATALOG NUMBER: VXS-F06-LED-E1-T2-8030

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6	1280.6
2.5°	1284.8	1284.8	1284.8	1283.4	1280.6	1273.7	1266.6	1261.1	1256.9	1252.7	1247.2
5°	1309.8	1307.0	1307.0	1307.0	1296.0	1284.8	1275.0	1265.3	1256.9	1249.9	1244.4
7.5°	1351.7	1350.3	1344.7	1343.3	1334.9	1316.8	1305.7	1288.9	1279.2	1269.4	1266.6
10°	1401.9	1400.4	1399.1	1397.6	1386.5	1368.4	1354.4	1339.2	1325.2	1311.3	1297.3
12.5°	1460.3	1459.0	1457.6	1453.4	1449.2	1439.5	1424.1	1407.4	1390.7	1361.5	1346.1
15°	1532.8	1535.6	1532.8	1531.4	1528.6	1530.1	1520.3	1496.6	1470.2	1432.5	1400.4
17.5°	1629.0	1626.2	1624.8	1630.4	1629.0	1636.0	1633.2	1602.5	1562.1	1502.2	1446.4
20°	1734.9	1734.9	1740.4	1744.7	1757.2	1775.2	1766.9	1729.3	1655.4	1571.8	1499.4
22.5°	1861.7	1864.5	1870.1	1867.3	1886.7	1916.1	1918.9	1865.9	1769.7	1654.1	1552.3
25°	1994.1	1996.9	1991.3	1999.6	2031.7	2073.5	2081.9	2006.6	1879.8	1729.3	1596.9
27.5°	2119.5	2122.3	2122.3	2133.4	2164.0	2235.1	2243.5	2159.9	1991.3	1794.8	1629.0
30°	2242.1	2253.3	2256.1	2258.9	2304.8	2403.7	2421.9	2300.6	2088.8	1843.5	1651.3
32.5°	2396.8	2400.9	2406.5	2413.5	2466.4	2587.7	2587.7	2421.9	2151.5	1874.2	1655.4
35°	2562.6	2563.9	2576.5	2577.9	2653.2	2774.4	2750.7	2522.2	2196.1	1867.3	1624.8
37.5°	2662.9	2668.5	2681.0	2697.7	2777.2	2948.6	2894.2	2608.6	2204.5	1821.2	1555.1
40°	2786.9	2798.1	2810.7	2827.4	2945.8	3125.6	3015.4	2662.9	2169.6	1730.7	1450.6
42.5°	2920.7	2936.1	2955.5	2986.2	3126.9	3281.7	3107.5	2671.3	2090.2	1629.0	1326.6
45°	3071.2	3099.1	3121.3	3157.6	3316.5	3416.8	3163.2	2622.5	1989.8	1495.2	1194.2
47.5°	3245.4	3267.7	3306.7	3345.7	3504.6	3508.8	3168.7	2527.8	1853.4	1361.5	1053.5
50°	3460.0	3473.9	3532.4	3556.2	3705.3	3604.9	3128.4	2399.6	1709.7	1210.9	897.4
52.5°	3745.7	3765.2	3840.4	3876.7	3982.6	3735.9	3071.2	2260.2	1545.4	1042.3	737.1
55°	4310.1	4395.0	4448.0	4510.7	4579.0	4032.7	3046.1	2111.1	1360.0	847.3	583.8
57.5°	5894.4	5866.5	5983.5	6125.7	6124.4	4711.3	3196.6	1982.9	1141.2	648.0	448.7
60°	8254.9	8281.3	8221.5	8306.5	8036.2	5553.0	3402.9	1847.8	894.6	482.2	342.8
62.5°	10009.3	9856.1	9771.0	9670.7	9075.6	5645.0	3252.3	1570.5	650.8	338.7	263.3
65°	10424.6	10244.8	10062.3	9871.4	8974.0	5088.9	2668.5	1152.4	420.8	232.7	209.0
67.5°	10014.9	9726.4	9493.7	9297.2	8222.9	4218.0	1950.9	707.9	241.0	188.1	178.3
70°	8953.1	8634.0	8257.7	8037.5	6924.1	3108.8	1249.9	381.8	185.3	167.3	163.0
72.5°	6553.5	6291.5	5880.4	5628.2	4971.9	1889.5	698.1	214.6	172.7	160.2	154.7
75°	2552.8	2416.3	2244.9	2258.9	2016.4	836.1	316.3	185.3	168.6	157.5	151.9
77.5°	439.0	427.8	395.8	395.8	450.1	305.2	210.4	186.7	167.3	154.7	144.9
80°	263.3	257.8	245.3	242.5	234.1	214.6	202.1	189.5	164.5	146.3	133.8
82.5°	172.7	165.8	161.7	160.2	174.2	188.1	189.5	188.1	156.1	126.8	108.7
85°	73.9	73.9	73.9	75.2	100.3	151.9	156.1	167.3	128.2	99.0	78.0
87.5°	12.5	15.3	15.3	16.7	18.1	33.5	41.8	54.3	43.2	41.8	37.6
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: P154423

CATALOG NUMBER: VXS-F06-LED-E1-T2-8030

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1280.6	1280.6	1280.6
2.5°	1245.8	1243.0	1243.0
5°	1241.6	1238.8	1240.2
7.5°	1258.3	1252.7	1254.1
10°	1288.9	1283.4	1280.6
12.5°	1328.0	1321.0	1321.0
15°	1368.4	1351.7	1350.3
17.5°	1401.9	1380.9	1378.1
20°	1439.5	1411.6	1407.4
22.5°	1474.3	1436.7	1431.1
25°	1499.4	1453.4	1446.4
27.5°	1510.6	1456.2	1450.6
30°	1518.9	1457.6	1449.2
32.5°	1510.6	1445.1	1438.0
35°	1464.6	1393.5	1389.3
37.5°	1385.1	1305.7	1300.1
40°	1280.6	1197.0	1183.0
42.5°	1146.8	1068.8	1053.5
45°	1017.2	928.1	921.0
47.5°	877.9	792.8	797.1
50°	731.6	654.9	653.6
52.5°	592.2	525.4	521.1
55°	466.8	419.5	415.2
57.5°	369.2	344.1	340.0
60°	301.0	288.5	284.2
62.5°	242.5	238.2	236.9
65°	202.1	202.1	202.1
67.5°	175.5	177.0	177.0
70°	161.7	163.0	161.7
72.5°	156.1	160.2	160.2
75°	151.9	154.7	149.1
77.5°	149.1	150.5	140.7
80°	147.7	146.3	128.2
82.5°	128.2	124.0	108.7
85°	117.1	89.2	75.2
87.5°	59.9	41.8	32.0
90°	0.0	0.0	0.0

(END OF REPORT)