

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: P149906

Luminaire Tested: **VXS-F05-LED-E1-SL2-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P149906
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33678)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXS-F05-LED-E1-SL2-7050
Description: VISION SITE SMALL LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (35) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12939.5 lumens
Efficiency: N/A
Efficacy: 97.1 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

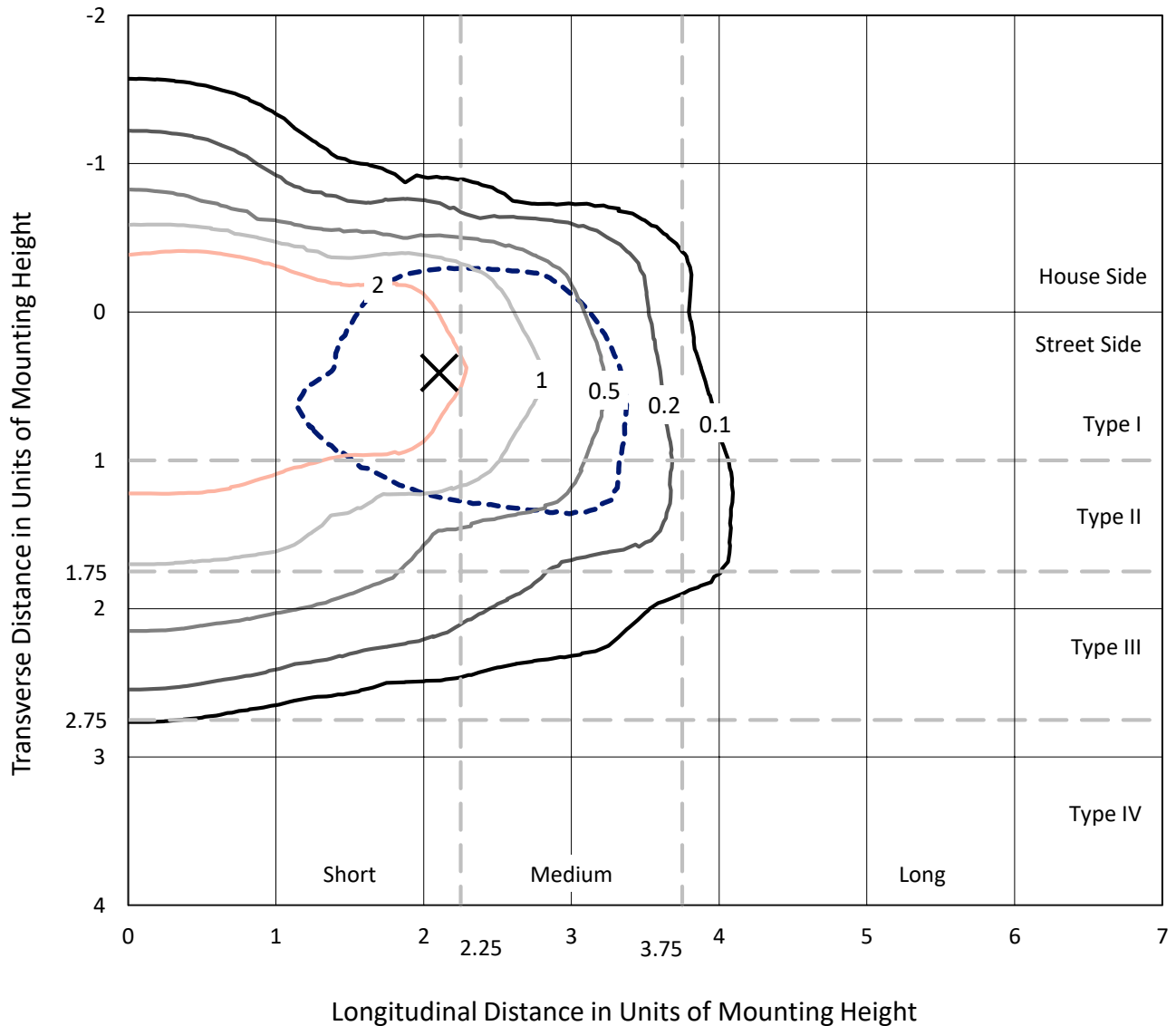
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

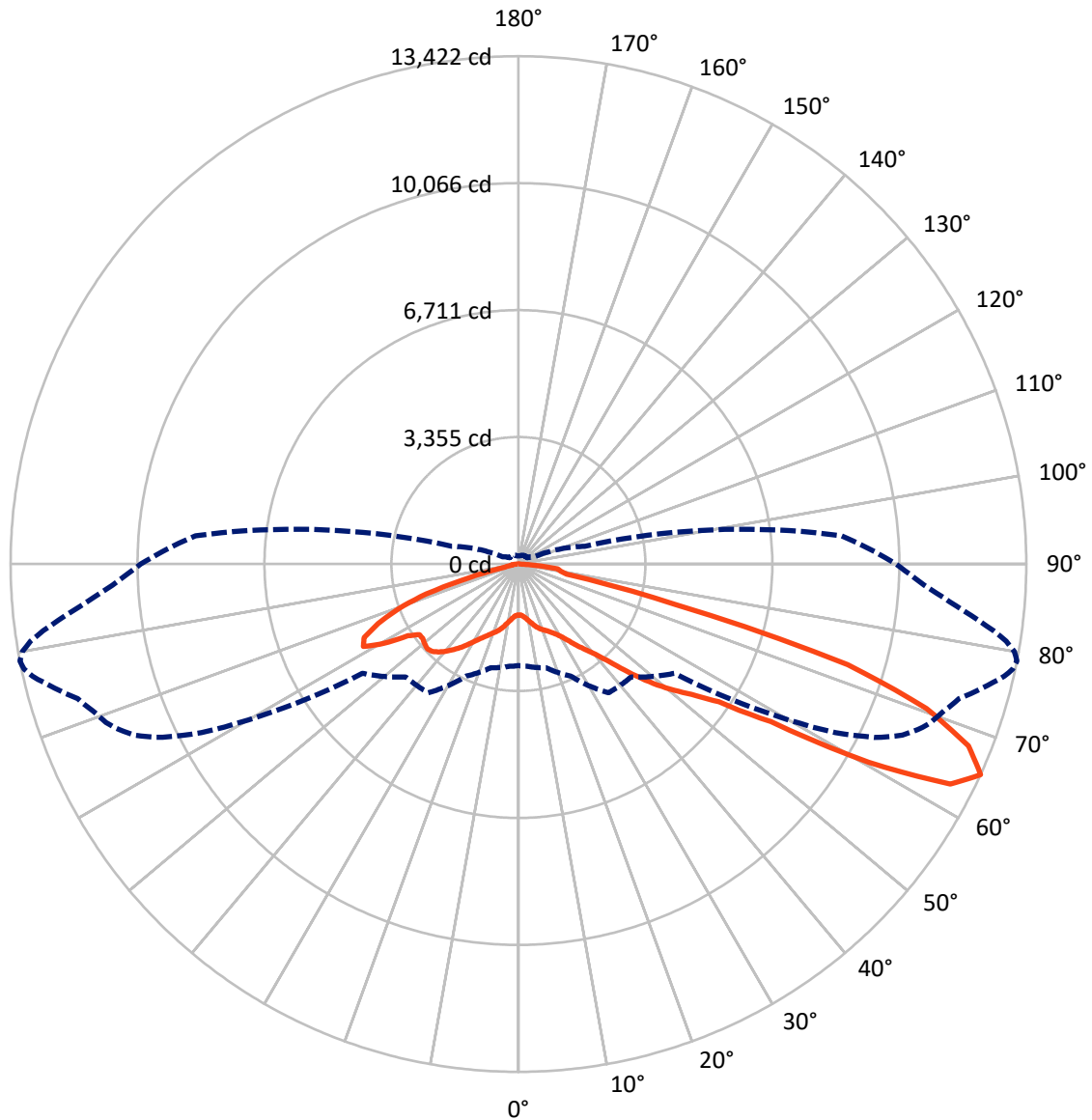
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.5 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3058.9	0.0	3058.9
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	9880.6	0.0	9880.6
	% Fixture	76.4	0.0	76.4
Total	Lumens	12939.5	0.0	12939.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.9	1.0
10°-20°	437.8	3.4
20°-30°	756.1	5.8
30°-40°	1251.7	9.7
40°-50°	2122.8	16.4
50°-60°	2820.5	21.8
60°-70°	3643.3	28.2
70°-80°	1528.0	11.8
80°-90°	245.4	1.9
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°	12939.5	100.0
0°-180°	12939.5	100.0



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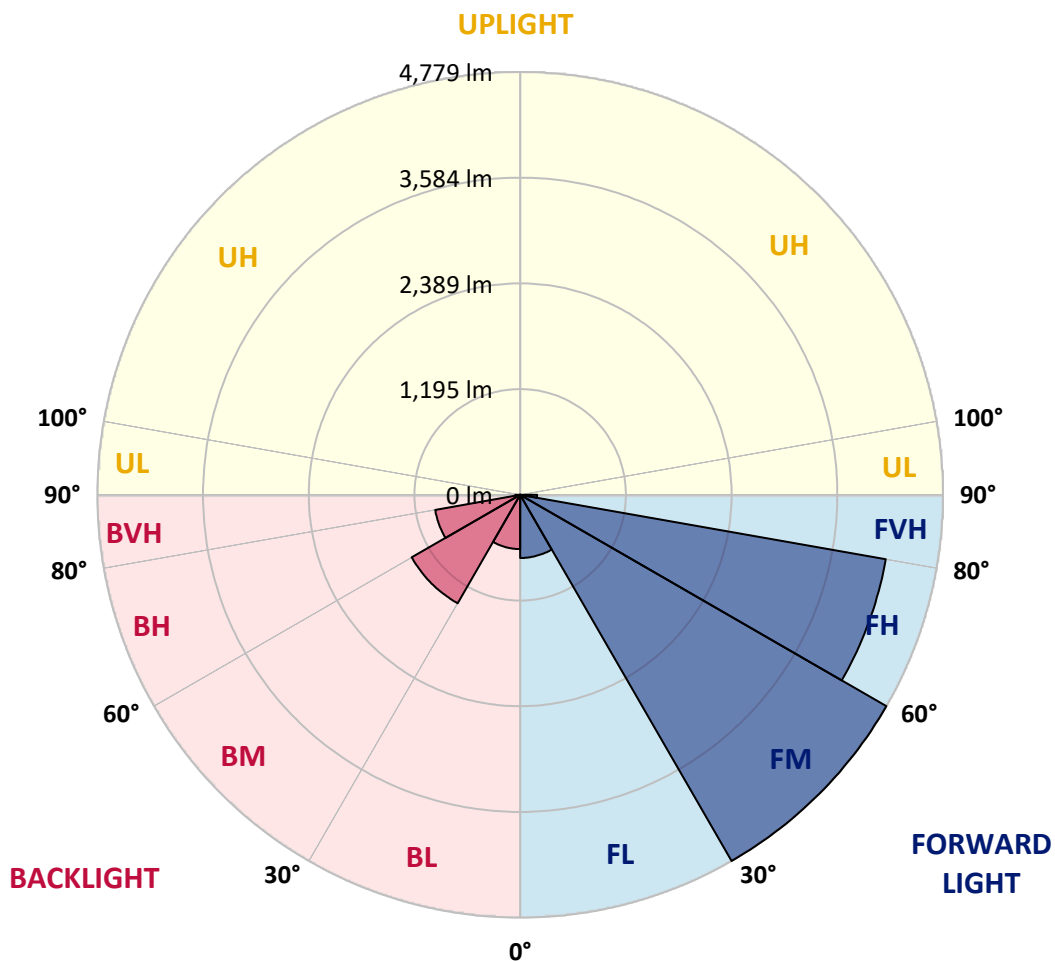
CATALOG NUMBER: VXS-F05-LED-E1-SL2-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	714.0	5.5			
FM	(30°-60°)	4778.9	36.9			
FH	(60°-80°)	4195.8	32.4			G2/5000
FVH	(80°-90°)	191.9	1.5			G2/225
BL	(0°-30°)	613.8	4.7	B2/1000		
BM	(30°-60°)	1415.9	10.9	B2/2500		
BH	(60°-80°)	975.6	7.5	B2/1000		G2/1000
BVH	(80°-90°)	53.5	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8
2.5°	1342.6	1346.8	1344.0	1346.8	1349.6	1351.1	1353.9	1352.5	1352.5	1353.9	1351.1
5°	1342.6	1342.6	1346.8	1353.9	1356.7	1365.2	1375.1	1373.7	1375.1	1373.7	1376.5
7.5°	1370.9	1369.4	1373.7	1382.2	1385.0	1397.7	1414.6	1417.4	1420.3	1420.3	1424.5
10°	1420.3	1418.9	1423.1	1427.4	1431.6	1441.5	1465.5	1475.3	1476.7	1478.1	1483.8
12.5°	1482.4	1480.9	1475.3	1475.3	1473.9	1492.2	1524.8	1543.1	1545.9	1551.6	1555.8
15°	1526.1	1521.9	1513.5	1507.8	1514.8	1544.5	1592.5	1613.7	1616.5	1620.7	1632.0
17.5°	1568.5	1564.2	1545.9	1531.8	1541.7	1589.6	1654.6	1677.2	1682.9	1687.0	1699.8
20°	1627.8	1625.0	1598.1	1564.2	1561.5	1623.5	1702.6	1732.2	1736.5	1742.2	1754.8
22.5°	1718.1	1705.5	1674.4	1610.9	1579.8	1643.3	1736.5	1777.4	1783.1	1788.7	1805.7
25°	1831.1	1825.5	1771.8	1674.4	1609.4	1663.1	1773.2	1824.0	1832.5	1839.6	1862.2
27.5°	1948.3	1939.8	1882.0	1754.8	1661.7	1702.6	1831.1	1889.0	1900.3	1911.6	1932.7
30°	2052.7	2049.9	2002.0	1863.5	1746.4	1777.4	1924.2	1994.8	2007.6	2021.7	2041.5
32.5°	2298.4	2299.8	2250.4	2109.2	1951.1	1913.0	2058.3	2164.2	2169.9	2186.8	2222.2
35°	2768.5	2774.2	2755.9	2644.2	2466.4	2309.7	2323.8	2428.3	2433.9	2448.1	2482.0
37.5°	3083.3	3094.6	3151.1	3186.4	3096.1	3024.0	2844.8	2803.8	2808.1	2799.6	2792.5
40°	3257.0	3274.0	3422.2	3605.7	3704.6	3705.9	3628.3	3447.6	3378.4	3358.7	3274.0
42.5°	3355.9	3384.0	3594.4	3907.9	4191.6	4386.4	4434.4	4234.0	4183.1	4092.7	3930.5
45°	3420.7	3454.6	3703.1	4132.3	4550.3	4882.0	5131.9	5042.9	5009.0	4954.0	4804.4
47.5°	3409.4	3436.3	3694.6	4208.6	4737.9	5209.5	5652.8	5744.6	5703.6	5689.5	5587.9
50°	3203.3	3227.4	3489.9	4019.4	4634.9	5333.8	5983.2	6242.9	6242.9	6269.7	6238.8
52.5°	2983.1	3002.9	3241.5	3717.2	4301.8	5212.3	6166.7	6597.3	6653.8	6700.4	6773.8
55°	2899.8	2923.8	3104.6	3511.1	4017.9	4865.1	6228.8	6862.7	6967.2	7046.2	7212.8
57.5°	2939.4	2963.3	3091.8	3399.6	3851.4	4510.7	6231.6	7219.9	7421.8	7584.1	7921.6
60°	3110.2	3132.7	3240.1	3502.7	3807.6	4306.0	6111.6	7788.9	8110.8	8415.6	8977.6
62.5°	3031.1	3059.4	3216.1	3673.5	4133.7	4150.7	5678.2	8229.3	8747.5	9197.8	10091.5
65°	2685.2	2714.9	2837.7	3265.5	4153.5	4218.4	5035.9	8237.8	8881.6	9490.1	10454.3
67.5°	2038.7	2049.9	2147.4	2490.4	3322.0	4293.3	4375.1	7262.3	7875.0	8554.1	9549.3
70°	1041.9	1061.7	1089.9	1375.1	2138.9	3547.9	3759.6	5352.1	6132.8	6834.5	8030.3
72.5°	361.5	368.5	396.7	525.2	1041.9	2328.1	3290.9	3667.9	4139.4	4795.9	6180.8
75°	217.4	217.4	227.3	265.4	475.8	1212.7	2928.1	2995.9	3059.4	3279.6	4186.0
77.5°	172.2	175.0	175.0	182.1	264.0	622.6	2223.5	2785.5	2793.9	2815.1	2967.6
80°	122.8	128.5	139.8	145.4	170.8	341.7	1248.0	2445.2	2611.8	2692.3	2803.8
82.5°	91.8	97.4	118.5	125.7	132.7	190.6	560.5	1687.0	1990.7	2151.6	2544.0
85°	40.9	48.0	80.5	88.9	93.2	101.7	262.6	480.0	552.0	619.8	817.4
87.5°	7.0	7.0	12.7	18.3	26.8	25.4	57.9	81.9	83.3	97.4	108.7
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8
2.5°	1351.1	1351.1	1351.1	1349.6	1351.1	1351.1	1351.1	1351.1	1352.5	1352.5	1352.5
5°	1380.7	1377.9	1379.3	1379.3	1379.3	1377.9	1380.7	1379.3	1380.7	1385.0	1383.5
7.5°	1424.5	1427.4	1428.7	1430.2	1430.2	1430.2	1431.6	1434.4	1434.4	1438.7	1437.2
10°	1489.4	1488.0	1489.4	1493.7	1497.9	1499.3	1503.5	1502.2	1505.0	1510.6	1516.3
12.5°	1558.7	1561.5	1565.7	1569.9	1577.0	1578.3	1582.6	1584.0	1592.5	1592.5	1598.1
15°	1636.3	1637.7	1646.1	1647.6	1656.1	1658.9	1665.9	1668.7	1678.7	1680.0	1685.7
17.5°	1706.8	1709.6	1713.9	1718.1	1728.1	1732.2	1737.9	1743.5	1752.0	1754.8	1764.8
20°	1763.3	1769.0	1770.4	1778.9	1787.4	1793.0	1798.7	1804.2	1812.7	1817.0	1826.8
22.5°	1814.2	1819.8	1824.0	1831.1	1836.8	1845.2	1848.1	1857.9	1866.4	1873.5	1882.0
25°	1869.2	1877.7	1882.0	1894.6	1898.9	1907.4	1914.4	1924.2	1935.5	1944.0	1955.3
27.5°	1946.8	1959.6	1965.2	1979.4	1989.2	1993.5	2004.8	2018.9	2028.7	2038.7	2049.9
30°	2054.2	2078.1	2082.4	2092.2	2110.7	2113.5	2127.6	2138.9	2154.4	2164.2	2174.2
32.5°	2220.7	2250.4	2253.3	2264.6	2280.0	2285.7	2297.0	2309.7	2333.7	2337.9	2353.5
35°	2476.3	2489.0	2500.3	2504.6	2517.2	2524.2	2532.7	2546.8	2570.9	2568.1	2585.0
37.5°	2782.7	2786.8	2788.3	2774.2	2777.0	2764.2	2779.8	2782.7	2791.1	2798.1	2815.1
40°	3220.3	3176.6	3170.9	3137.0	3103.1	3084.8	3077.7	3049.4	3056.6	3059.4	3073.5
42.5°	3859.8	3775.1	3704.6	3656.6	3573.3	3532.3	3477.2	3433.5	3399.6	3412.3	3417.9
45°	4670.3	4548.8	4435.9	4289.0	4180.3	4102.7	4005.3	3917.7	3878.2	3859.8	3882.4
47.5°	5479.2	5371.9	5239.2	5088.1	4915.9	4787.4	4625.1	4482.5	4383.6	4346.9	4366.6
50°	6178.0	6079.2	5979.0	5889.9	5689.5	5549.7	5328.1	5143.2	4987.9	4908.8	4887.7
52.5°	6758.2	6706.0	6652.3	6577.5	6416.6	6276.8	6100.3	5918.2	5712.1	5551.2	5496.1
55°	7276.4	7307.5	7280.6	7282.1	7218.4	7129.5	6979.9	6844.4	6700.4	6518.2	6442.0
57.5°	8031.7	8215.2	8251.9	8343.7	8388.9	8436.9	8479.3	8398.8	8362.1	8226.5	8228.0
60°	9221.9	9490.1	9723.0	9934.8	10108.4	10277.8	10455.8	10534.8	10622.3	10663.3	10803.0
62.5°	10488.2	10743.7	11091.1	11374.8	11534.3	11754.6	11948.0	12073.7	12227.6	12391.3	12604.5
65°	10801.7	11109.4	11328.2	11517.4	11675.5	11792.7	11898.5	12048.3	12176.7	12436.5	12687.8
67.5°	9998.3	10243.9	10444.5	10630.8	10753.6	10852.4	10947.0	11045.9	11266.1	11501.9	11754.6
70°	8582.3	8878.8	9210.6	9451.9	9512.6	9597.4	9687.8	9816.2	9926.3	10173.4	10365.4
72.5°	6895.2	7321.6	7602.5	7937.1	8009.1	8137.6	8188.4	8288.6	8308.4	8442.5	8493.4
75°	4805.7	5294.2	5576.6	5822.3	5870.3	5799.7	5827.9	5473.5	5383.2	5309.7	5250.5
77.5°	3172.3	3303.6	3348.8	3309.2	3120.1	2971.8	2813.7	2658.4	2675.3	2549.7	2329.4
80°	2820.7	2850.4	2809.4	2769.9	2661.2	2505.9	2363.3	2217.9	2145.9	2069.6	1956.8
82.5°	2744.6	2858.9	2871.6	2823.6	2737.5	2568.1	2395.9	2179.8	1996.3	1826.8	1654.6
85°	917.6	1116.7	1205.7	1289.0	1314.4	1344.0	1242.4	1104.0	937.4	825.9	646.6
87.5°	117.2	145.4	168.0	144.0	168.0	197.6	142.6	159.5	160.9	100.2	74.8
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8
2.5°	1353.9	1352.5	1352.5	1352.5	1351.1	1352.5	1352.5	1352.5	1352.5	1352.5	1351.1
5°	1385.0	1385.0	1389.2	1390.6	1387.8	1386.4	1387.8	1389.2	1389.2	1387.8	1389.2
7.5°	1442.9	1444.2	1447.0	1451.3	1448.5	1449.9	1451.3	1449.9	1454.2	1455.5	1454.2
10°	1516.3	1519.1	1526.1	1527.6	1526.1	1531.8	1533.2	1530.4	1533.2	1533.2	1538.9
12.5°	1600.9	1603.8	1612.2	1615.1	1617.9	1619.3	1623.5	1625.0	1629.2	1632.0	1636.3
15°	1692.7	1695.5	1701.2	1711.1	1713.9	1716.8	1719.6	1728.1	1729.4	1735.1	1739.4
17.5°	1770.4	1774.6	1783.1	1790.2	1794.4	1801.5	1804.2	1814.2	1817.0	1825.5	1832.5
20°	1832.5	1839.6	1846.6	1855.1	1862.2	1870.7	1873.5	1883.3	1889.0	1893.3	1901.7
22.5°	1889.0	1897.4	1907.4	1917.2	1922.9	1934.2	1938.3	1942.6	1955.3	1960.9	1969.4
25°	1962.4	1970.9	1982.2	1994.8	2000.5	2014.6	2018.9	2025.9	2040.0	2045.7	2058.3
27.5°	2062.6	2073.9	2082.4	2095.1	2102.2	2112.0	2122.0	2130.4	2143.1	2151.6	2165.7
30°	2188.3	2196.8	2210.9	2220.7	2232.0	2246.1	2257.4	2265.9	2273.0	2285.7	2301.2
32.5°	2373.3	2374.6	2378.9	2402.9	2414.2	2425.5	2441.0	2448.1	2459.4	2472.0	2489.0
35°	2603.3	2616.1	2625.9	2637.2	2649.9	2662.6	2668.3	2689.4	2699.4	2716.3	2733.3
37.5°	2832.0	2833.5	2856.1	2863.1	2874.4	2887.2	2906.8	2928.1	2953.5	2970.4	2997.2
40°	3077.7	3089.0	3117.2	3131.4	3145.5	3176.6	3192.0	3225.9	3268.3	3292.3	3337.5
42.5°	3433.5	3450.5	3501.2	3523.8	3557.7	3608.5	3641.0	3687.6	3704.6	3762.4	3783.6
45°	3899.4	3951.6	4025.0	4073.1	4133.7	4188.8	4217.0	4238.2	4263.6	4308.8	4303.1
47.5°	4403.4	4471.2	4553.1	4651.8	4691.4	4756.4	4793.1	4834.0	4811.4	4800.1	4788.8
50°	4920.1	4999.2	5107.9	5196.8	5257.5	5297.0	5328.1	5322.5	5274.5	5249.0	5178.4
52.5°	5494.7	5541.2	5644.4	5720.6	5757.3	5765.8	5758.7	5716.4	5671.2	5590.7	5507.4
55°	6375.6	6354.5	6395.4	6430.7	6419.4	6459.0	6357.3	6317.8	6206.2	6101.8	5990.3
57.5°	8165.8	8194.1	7965.3	7862.3	7843.9	7880.6	7701.3	7678.8	7409.1	7375.2	7187.5
60°	10783.3	10921.7	10742.3	10642.1	10371.0	10282.1	10081.7	9998.3	9740.0	9531.0	9267.0
62.5°	12751.3	12877.0	12951.8	12809.2	12651.1	12418.1	12114.6	11778.5	11504.7	11184.2	10904.7
65°	12929.2	13183.3	13355.5	13421.9	13310.4	13054.8	12680.7	12257.2	11837.9	11435.5	11082.6
67.5°	12097.6	12325.0	12591.8	12830.4	12844.5	12677.9	12358.9	11928.2	11444.0	10947.0	10533.4
70°	10668.9	10954.1	11187.0	11438.3	11613.4	11517.4	11357.8	10962.6	10460.0	10073.2	9597.4
72.5°	8676.9	8796.9	8853.4	9100.4	9103.2	8928.2	8815.2	8596.4	8191.2	7917.3	7554.5
75°	5066.9	4802.9	4522.0	4277.7	4078.7	3995.3	3625.5	3563.3	3314.9	3161.0	2935.1
77.5°	2089.4	1853.7	1550.2	1297.4	1047.6	934.6	770.9	698.9	605.7	564.8	537.9
80°	1791.6	1568.5	1339.8	1120.9	926.1	731.3	568.9	441.9	347.3	295.0	273.9
82.5°	1462.6	1328.5	1169.0	1050.4	897.9	752.4	635.3	492.7	368.5	271.1	207.6
85°	528.0	433.5	348.7	320.5	255.5	210.4	176.5	151.1	124.2	98.9	87.6
87.5°	59.3	56.5	32.4	31.1	35.3	25.4	29.6	26.8	22.6	19.8	21.1
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: P149906

CATALOG NUMBER: VXS-F05-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8	1346.8
2.5°	1351.1	1351.1	1352.5	1352.5	1353.9	1355.3	1358.1	1356.7	1356.7	1358.1	1358.1
5°	1389.2	1393.5	1392.0	1392.0	1392.0	1393.5	1394.8	1389.2	1383.5	1377.9	1375.1
7.5°	1455.5	1458.3	1461.2	1458.3	1461.2	1459.8	1457.0	1441.5	1423.1	1400.5	1385.0
10°	1541.7	1541.7	1544.5	1543.1	1548.7	1544.5	1536.1	1500.7	1461.2	1413.2	1377.9
12.5°	1634.8	1644.8	1640.5	1641.9	1653.2	1641.9	1622.2	1569.9	1499.3	1421.7	1359.6
15°	1745.0	1749.2	1752.0	1747.8	1754.8	1745.0	1709.6	1626.4	1523.3	1414.6	1322.9
17.5°	1835.3	1836.8	1838.1	1840.9	1850.9	1839.6	1778.9	1665.9	1529.0	1382.2	1260.7
20°	1905.9	1913.0	1918.7	1918.7	1932.7	1915.8	1835.3	1685.7	1510.6	1328.5	1181.7
22.5°	1979.4	1985.0	1992.0	1993.5	2011.8	1994.8	1882.0	1681.5	1462.6	1252.2	1089.9
25°	2069.6	2075.3	2080.9	2088.1	2113.5	2089.4	1928.5	1664.5	1396.3	1161.9	991.1
27.5°	2174.2	2186.8	2191.1	2202.4	2232.0	2195.3	1968.1	1639.1	1322.9	1057.4	886.6
30°	2313.9	2329.4	2335.1	2350.7	2391.6	2311.1	1990.7	1595.3	1229.6	951.5	775.0
32.5°	2501.7	2522.9	2539.8	2556.8	2603.3	2426.8	1993.5	1531.8	1120.9	833.0	667.8
35°	2747.4	2779.8	2792.5	2803.8	2847.6	2552.5	1980.7	1437.2	988.3	711.5	583.1
37.5°	3022.7	3055.1	3063.6	3069.2	3077.7	2659.8	1949.6	1293.2	838.7	605.7	515.3
40°	3361.5	3389.7	3401.0	3392.5	3347.4	2743.1	1880.5	1125.2	693.2	533.7	473.0
42.5°	3775.1	3817.5	3821.8	3783.6	3634.0	2789.7	1742.2	927.6	578.9	481.5	440.5
45°	4287.6	4284.8	4260.8	4234.0	3946.0	2771.4	1548.7	755.3	506.8	440.5	410.9
47.5°	4747.9	4699.9	4663.1	4584.0	4221.2	2664.0	1298.9	625.4	463.1	409.4	385.4
50°	5124.8	5037.3	4959.6	4873.5	4426.0	2473.5	1050.4	530.9	422.2	382.6	361.5
52.5°	5422.7	5316.8	5226.4	5141.8	4623.6	2261.7	861.2	461.7	382.6	355.8	334.6
55°	5888.6	5782.7	5638.7	5545.5	4925.7	2066.8	738.3	406.6	344.5	327.6	306.3
57.5°	7067.5	6974.3	6802.0	6560.6	5702.3	1993.5	669.2	364.2	313.4	303.5	286.6
60°	9125.8	8974.7	8750.3	8504.7	7280.6	2042.9	614.1	334.6	292.2	283.7	271.1
62.5°	10678.8	10413.4	10159.3	9931.9	8542.8	2041.5	542.2	312.0	276.7	272.4	259.8
65°	10742.3	10472.6	10217.1	9978.5	8571.0	1817.0	457.4	292.2	273.9	272.4	251.3
67.5°	10171.9	9879.7	9632.6	9331.9	7934.3	1420.3	367.0	279.6	285.2	282.4	248.5
70°	9240.2	8859.0	8655.8	8359.3	6982.7	993.9	302.1	283.7	309.2	300.7	252.7
72.5°	7252.3	6964.4	6655.2	6449.1	5466.4	628.3	254.1	286.6	319.1	305.0	264.0
75°	2699.4	2777.0	2649.9	2604.8	2777.0	368.5	225.9	266.8	285.2	264.0	240.0
77.5°	545.0	520.9	494.1	488.5	631.1	227.3	207.6	231.5	218.9	193.4	194.8
80°	261.1	254.1	245.7	244.2	234.4	189.2	192.0	197.6	165.2	149.6	159.5
82.5°	173.7	163.7	160.9	155.3	158.1	169.4	182.1	169.4	127.0	118.5	144.0
85°	80.5	77.6	76.3	76.3	84.7	152.4	151.1	124.2	87.6	84.7	144.0
87.5°	19.8	19.8	21.1	19.8	22.6	45.2	39.5	38.1	32.4	36.7	67.8
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: P149906

CATALOG NUMBER: VXS-F05-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1346.8	1346.8	1346.8
2.5°	1356.7	1358.1	1356.7
5°	1369.4	1369.4	1369.4
7.5°	1369.4	1365.2	1363.8
10°	1349.6	1337.0	1337.0
12.5°	1315.8	1294.6	1291.8
15°	1252.2	1224.0	1219.8
17.5°	1171.8	1133.7	1126.6
20°	1081.5	1033.5	1025.0
22.5°	982.6	927.6	923.3
25°	885.2	828.7	817.4
27.5°	776.5	721.5	715.8
30°	667.8	619.8	617.0
32.5°	576.1	546.3	540.7
35°	511.1	494.1	487.0
37.5°	468.7	456.0	454.6
40°	436.3	425.0	423.5
42.5°	409.4	399.6	398.1
45°	382.6	374.1	371.3
47.5°	355.8	347.3	345.9
50°	331.8	320.5	319.1
52.5°	309.2	297.9	295.0
55°	288.0	276.7	276.7
57.5°	269.6	258.3	257.0
60°	252.7	241.5	240.0
62.5°	240.0	225.9	224.5
65°	230.2	216.0	213.2
67.5°	224.5	207.6	203.3
70°	234.4	203.3	196.3
72.5°	235.8	199.1	189.2
75°	227.3	187.8	180.7
77.5°	199.1	168.0	160.9
80°	172.2	129.8	120.0
82.5°	163.7	105.9	91.8
85°	127.0	69.2	65.0
87.5°	72.0	38.1	31.1
90°	0.0	0.0	0.0

(END OF REPORT)