

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: P149905

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

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P149905
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
Description: VISION SITE SMALL LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (35) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12610.3 lumens
Efficiency: N/A
Efficacy: 94.6 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



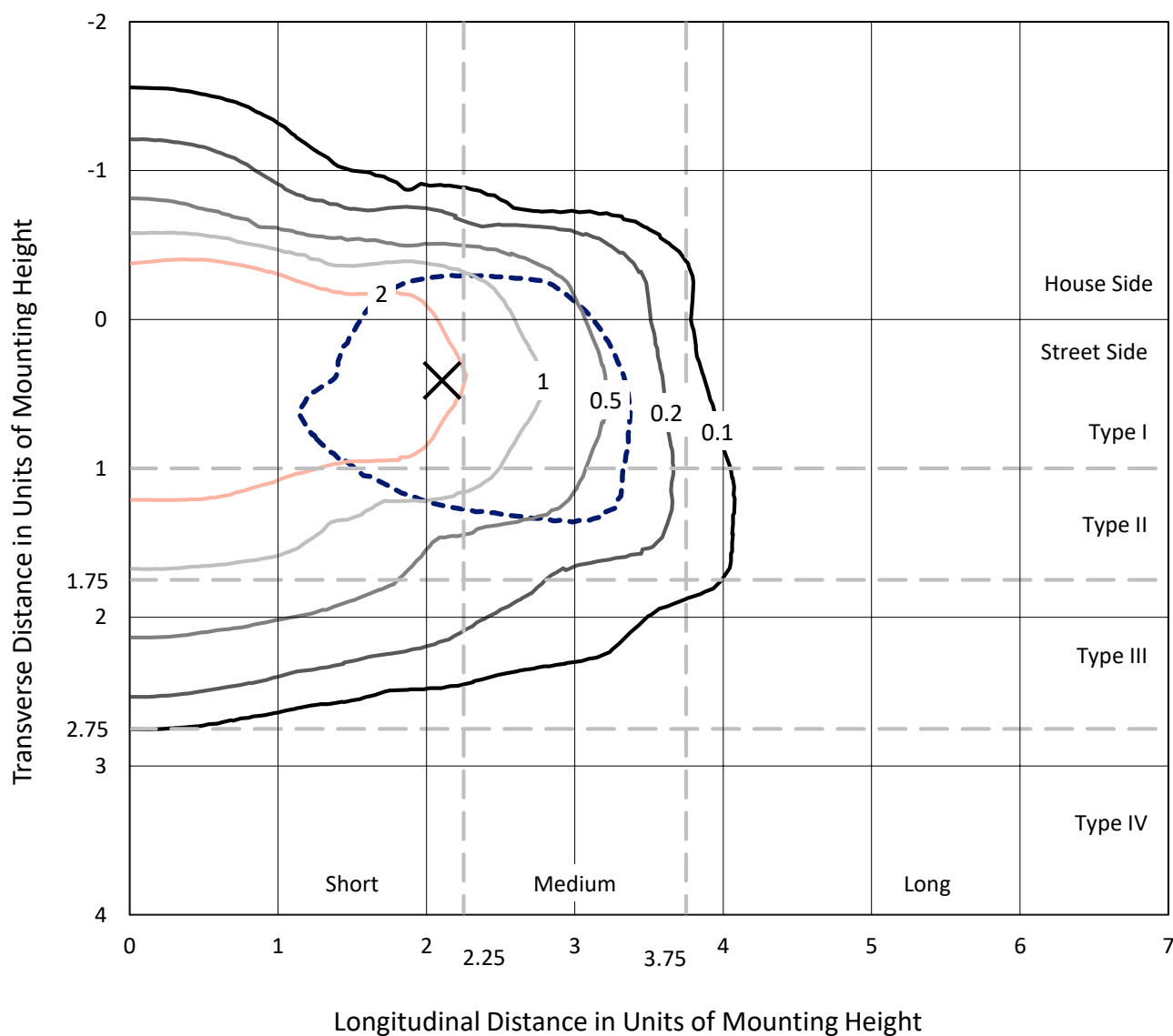
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CATALOG NUMBER: VXS-F05-LED-E1-SL2

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

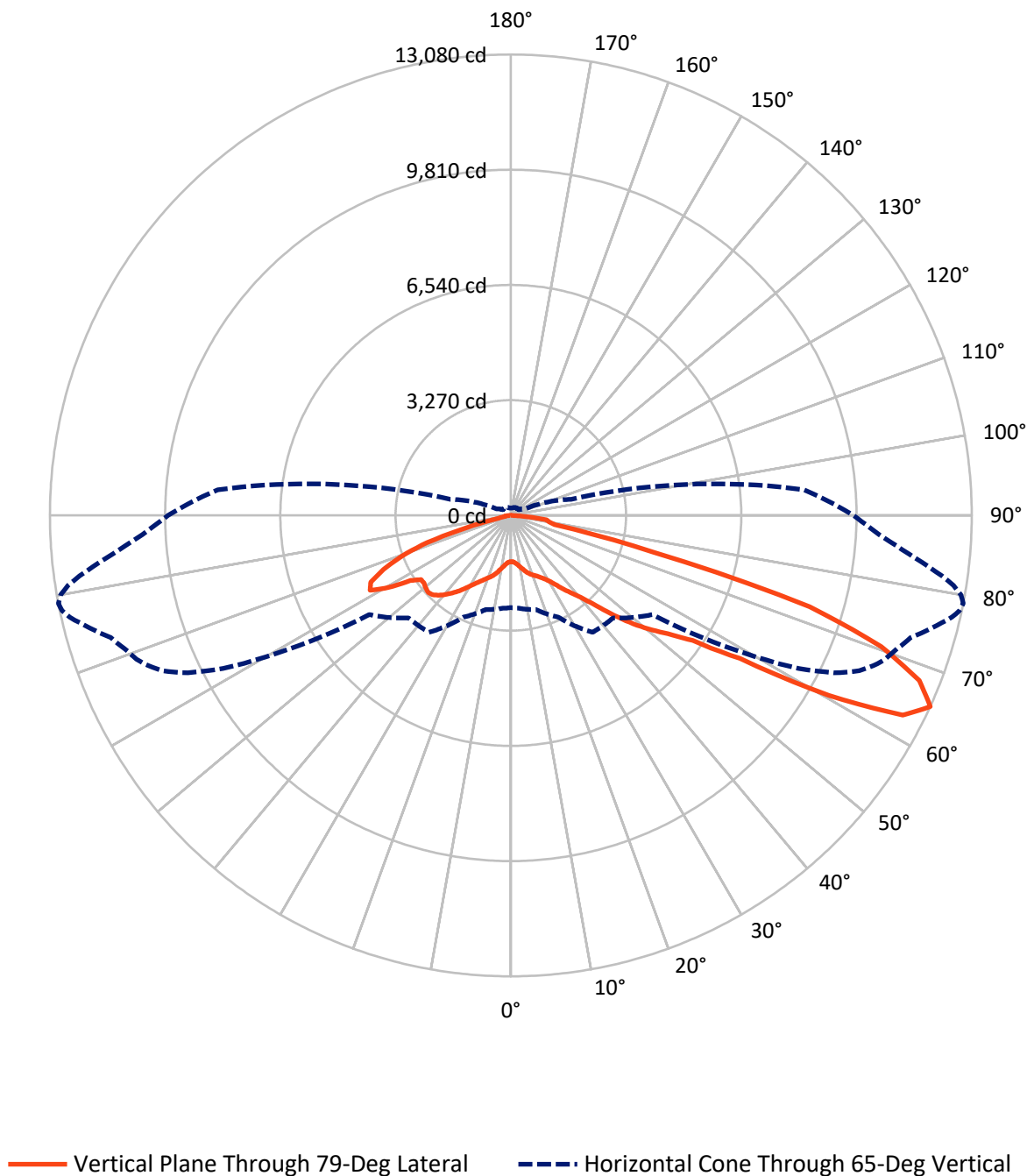


Based on 20 foot mounting height. Maximum calculated value = 4.3 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2981.0	0.0	2981.0
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	9629.2	0.0	9629.2
	% Fixture	76.4	0.0	76.4
Total	Lumens	12610.3	0.0	12610.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.5	1.0
10°-20°	426.6	3.4
20°-30°	736.9	5.8
30°-40°	1219.8	9.7
40°-50°	2068.7	16.4
50°-60°	2748.7	21.8
60°-70°	3550.6	28.2
70°-80°	1489.1	11.8
80°-90°	239.2	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°	12610.3	100.0
0°-180°	12610.3	100.0

Coefficient of Utilization



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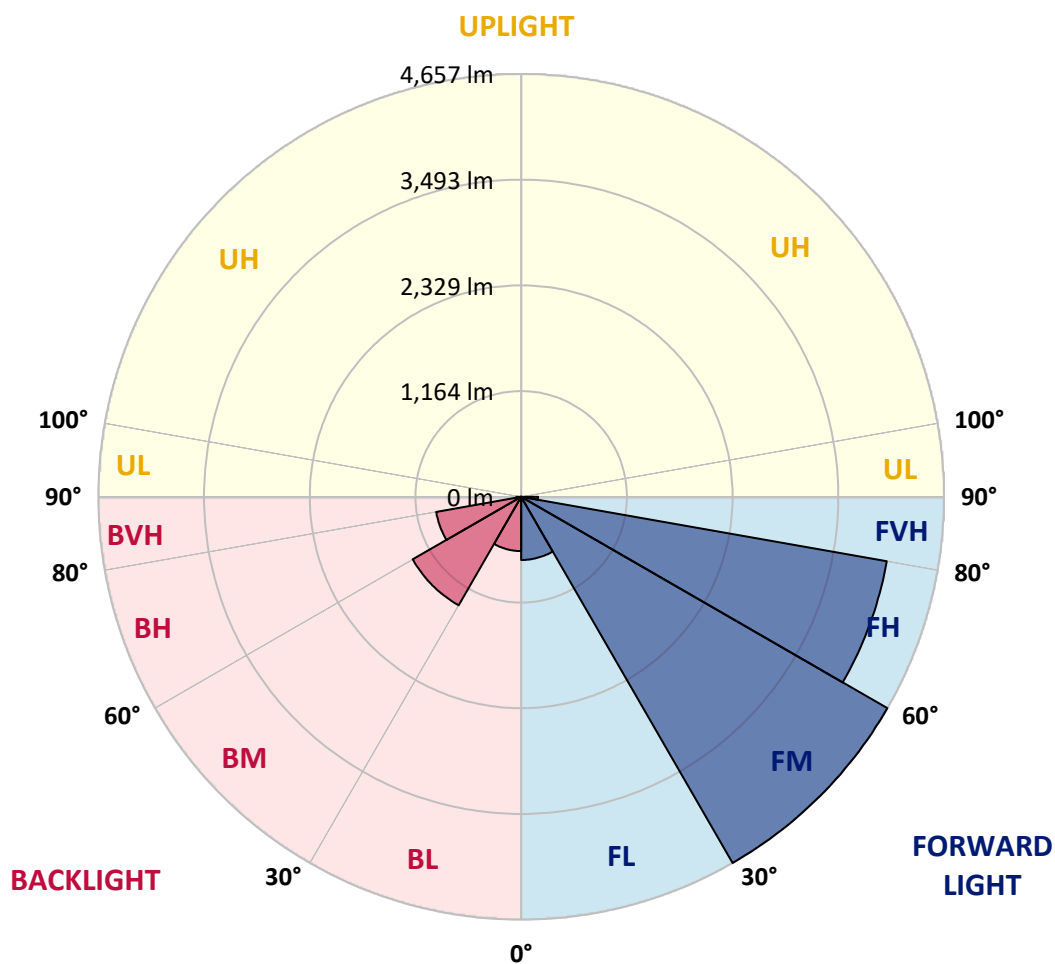
CATALOG NUMBER: VXS-F05-LED-E1-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	695.8	5.5			
FM	(30°-60°)	4657.4	36.9			
FH	(60°-80°)	4089.1	32.4			G2/5000
FVH	(80°-90°)	187.0	1.5			G2/225
BL	(0°-30°)	598.2	4.7	B2/1000		
BM	(30°-60°)	1379.9	10.9	B2/2500		
BH	(60°-80°)	950.7	7.5	B2/1000		G2/1000
BVH	(80°-90°)	52.2	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°	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5
2.5°	1308.5	1312.5	1309.8	1312.5	1315.3	1316.7	1319.5	1318.1	1318.1	1319.5	1316.7
5°	1308.5	1308.5	1312.5	1319.5	1322.2	1330.5	1340.1	1338.8	1340.1	1338.8	1341.5
7.5°	1336.0	1334.6	1338.8	1346.9	1349.7	1362.1	1378.7	1381.3	1384.1	1384.1	1388.3
10°	1384.1	1382.8	1386.8	1391.0	1395.1	1404.8	1428.2	1437.8	1439.2	1440.5	1446.0
12.5°	1444.7	1443.3	1437.8	1437.8	1436.4	1454.3	1485.9	1503.8	1506.6	1512.1	1516.2
15°	1487.4	1483.2	1474.9	1469.4	1476.3	1505.2	1552.0	1572.6	1575.3	1579.5	1590.5
17.5°	1528.6	1524.5	1506.6	1492.8	1502.5	1549.2	1612.5	1634.5	1640.0	1644.1	1656.6
20°	1586.4	1583.6	1557.5	1524.5	1521.8	1582.3	1659.3	1688.2	1692.3	1697.8	1710.3
22.5°	1674.4	1662.1	1631.8	1569.8	1539.6	1601.6	1692.3	1732.2	1737.7	1743.2	1759.8
25°	1784.6	1779.0	1726.7	1631.8	1568.5	1620.8	1728.1	1777.6	1785.9	1792.7	1814.8
27.5°	1898.8	1890.5	1834.0	1710.3	1619.4	1659.3	1784.6	1840.9	1851.9	1862.9	1883.5
30°	2000.5	1997.7	1951.0	1816.2	1702.0	1732.2	1875.3	1944.1	1956.5	1970.3	1989.5
32.5°	2239.9	2241.3	2193.2	2055.5	1901.5	1864.4	2006.0	2109.2	2114.7	2131.2	2165.6
35°	2698.1	2703.6	2685.7	2577.0	2403.6	2250.9	2264.7	2366.5	2372.0	2385.8	2418.8
37.5°	3004.9	3016.0	3071.0	3105.4	3017.3	2947.2	2772.4	2732.5	2736.6	2728.4	2721.5
40°	3174.1	3190.7	3335.1	3514.0	3610.3	3611.7	3536.0	3359.9	3292.4	3273.2	3190.7
42.5°	3270.5	3297.9	3503.0	3808.4	4085.0	4274.8	4321.7	4126.2	4076.7	3988.7	3830.5
45°	3333.8	3366.7	3608.9	4027.2	4434.4	4757.8	5001.3	4914.6	4881.6	4828.0	4682.1
47.5°	3322.7	3348.9	3600.6	4101.5	4617.4	5077.0	5509.0	5598.4	5558.5	5544.8	5445.7
50°	3121.9	3145.3	3401.1	3917.1	4517.0	5198.0	5831.0	6084.1	6084.1	6110.3	6080.0
52.5°	2907.3	2926.5	3159.0	3622.7	4192.3	5079.7	6009.8	6429.4	6484.5	6529.9	6601.5
55°	2826.0	2849.4	3025.6	3421.8	3915.8	4741.2	6070.4	6688.1	6789.9	6866.9	7029.3
57.5°	2864.6	2888.0	3013.2	3313.1	3753.4	4396.0	6073.2	7036.3	7233.0	7391.2	7720.0
60°	3031.1	3053.1	3157.6	3413.6	3710.8	4196.4	5956.2	7590.7	7904.4	8201.6	8749.2
62.5°	2954.0	2981.6	3134.2	3580.0	4028.6	4045.1	5533.8	8020.0	8524.9	8963.8	9834.7
65°	2616.9	2645.8	2765.5	3182.4	4047.9	4111.1	4907.8	8028.2	8655.6	9248.6	10188.4
67.5°	1986.7	1997.7	2092.7	2427.0	3237.4	4184.0	4263.8	7077.5	7674.6	8336.5	9306.4
70°	1015.4	1034.6	1062.2	1340.1	2084.5	3457.6	3663.9	5216.0	5976.8	6660.6	7826.0
72.5°	352.2	359.1	386.6	511.8	1015.4	2268.8	3207.2	3574.5	4034.1	4673.9	6023.6
75°	211.9	211.9	221.6	258.7	463.6	1181.9	2853.6	2919.6	2981.6	3196.2	4079.5
77.5°	167.9	170.6	170.6	177.5	257.3	606.7	2167.0	2714.6	2722.9	2743.5	2892.1
80°	119.7	125.2	136.2	141.8	166.5	333.0	1216.3	2383.0	2545.4	2623.8	2732.5
82.5°	89.4	94.9	115.5	122.5	129.3	185.7	546.2	1644.1	1940.0	2096.8	2479.4
85°	39.9	46.7	78.4	86.6	90.8	99.1	256.0	467.8	537.9	604.0	796.6
87.5°	6.8	6.8	12.3	17.9	26.1	24.8	56.4	79.8	81.1	94.9	105.9
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°	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5
2.5°	1316.7	1316.7	1316.7	1315.3	1316.7	1316.7	1316.7	1316.7	1318.1	1318.1	1318.1
5°	1345.6	1342.9	1344.2	1344.2	1344.2	1342.9	1345.6	1344.2	1345.6	1349.7	1348.4
7.5°	1388.3	1391.0	1392.4	1393.8	1393.8	1393.8	1395.1	1397.9	1397.9	1402.0	1400.6
10°	1451.5	1450.2	1451.5	1455.6	1459.8	1461.1	1465.3	1463.9	1466.6	1472.2	1477.7
12.5°	1519.0	1521.8	1525.8	1529.9	1536.9	1538.2	1542.4	1543.7	1552.0	1552.0	1557.5
15°	1594.6	1596.1	1604.2	1605.6	1613.9	1616.7	1623.5	1626.3	1636.0	1637.3	1642.8
17.5°	1663.4	1666.2	1670.4	1674.4	1684.0	1688.2	1693.7	1699.2	1707.5	1710.3	1719.8
20°	1718.4	1723.9	1725.4	1733.6	1741.9	1747.4	1752.8	1758.3	1766.6	1770.8	1780.4
22.5°	1768.0	1773.5	1777.6	1784.6	1790.1	1798.2	1801.0	1810.7	1818.9	1825.8	1834.0
25°	1821.7	1829.9	1834.0	1846.4	1850.6	1858.8	1865.7	1875.3	1886.3	1894.6	1905.6
27.5°	1897.3	1909.7	1915.2	1929.0	1938.7	1942.7	1953.8	1967.5	1977.1	1986.7	1997.7
30°	2001.9	2025.3	2029.4	2039.1	2056.9	2059.7	2073.5	2084.5	2099.6	2109.2	2118.9
32.5°	2164.2	2193.2	2195.9	2206.9	2222.1	2227.6	2238.5	2250.9	2274.3	2278.4	2293.6
35°	2413.3	2425.7	2436.7	2440.8	2453.2	2460.1	2468.3	2482.1	2505.5	2502.7	2519.3
37.5°	2711.8	2716.0	2717.3	2703.6	2706.3	2694.0	2709.1	2711.8	2720.1	2726.9	2743.5
40°	3138.3	3095.8	3090.3	3057.2	3024.1	3006.3	2999.4	2971.9	2978.8	2981.6	2995.2
42.5°	3761.7	3679.1	3610.3	3563.5	3482.4	3442.5	3388.8	3346.1	3313.1	3325.5	3331.0
45°	4551.4	4433.1	4323.0	4179.9	4074.0	3998.3	3903.3	3818.0	3779.5	3761.7	3783.6
47.5°	5339.8	5235.2	5105.9	4958.7	4790.8	4665.6	4507.4	4368.4	4272.1	4236.3	4255.5
50°	6020.8	5924.6	5826.8	5740.1	5544.8	5408.6	5192.5	5012.3	4860.9	4783.9	4763.3
52.5°	6586.3	6535.4	6483.1	6410.2	6253.4	6117.1	5945.2	5767.7	5566.8	5409.9	5356.3
55°	7091.3	7121.6	7095.3	7096.8	7034.8	6948.2	6802.3	6670.3	6529.9	6352.4	6278.1
57.5°	7827.4	8006.2	8042.0	8131.4	8175.4	8222.3	8263.5	8185.1	8149.3	8017.2	8018.5
60°	8987.3	9248.6	9475.6	9682.1	9851.3	10016.4	10189.7	10266.7	10352.1	10392.0	10528.2
62.5°	10221.3	10470.4	10808.9	11085.4	11240.9	11455.5	11644.0	11766.5	11916.5	12076.1	12283.8
65°	10526.8	10826.7	11040.0	11224.4	11378.4	11492.6	11595.9	11741.8	11866.9	12120.1	12365.0
67.5°	9743.9	9983.3	10178.8	10360.3	10480.0	10576.4	10668.5	10764.9	10979.5	11209.2	11455.5
70°	8363.9	8652.8	8976.2	9211.5	9270.7	9353.2	9441.2	9566.4	9673.8	9914.5	10101.7
72.5°	6719.8	7135.3	7409.1	7735.1	7805.4	7930.6	7980.1	8077.7	8097.0	8227.8	8277.3
75°	4683.5	5159.5	5434.7	5674.1	5720.9	5652.1	5679.6	5334.3	5246.2	5174.7	5116.9
77.5°	3091.6	3219.6	3263.6	3225.1	3040.7	2896.2	2742.1	2590.8	2607.3	2484.9	2270.2
80°	2749.0	2777.9	2738.0	2699.5	2593.6	2442.2	2303.2	2161.5	2091.3	2017.0	1906.9
82.5°	2674.7	2786.1	2798.5	2751.7	2667.8	2502.7	2334.8	2124.4	1945.5	1780.4	1612.5
85°	894.3	1088.3	1175.0	1256.2	1280.9	1309.8	1210.8	1076.0	913.6	804.9	630.2
87.5°	114.2	141.8	163.7	140.3	163.7	192.6	139.0	155.4	156.9	97.7	73.0
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5
2.5°	1319.5	1318.1	1318.1	1318.1	1316.7	1318.1	1318.1	1318.1	1318.1	1318.1	1316.7
5°	1349.7	1349.7	1353.9	1353.9	1352.4	1351.1	1352.4	1353.9	1353.9	1352.4	1353.9
7.5°	1406.1	1407.6	1410.3	1410.3	1411.6	1413.1	1414.4	1413.1	1417.2	1418.5	1417.2
10°	1477.7	1480.4	1487.4	1487.4	1487.4	1492.8	1494.2	1491.4	1494.2	1494.2	1499.7
12.5°	1560.2	1563.0	1571.3	1571.3	1576.8	1578.1	1582.3	1583.6	1587.8	1590.5	1594.6
15°	1649.6	1652.4	1657.9	1657.9	1670.4	1673.1	1675.9	1684.0	1685.5	1691.0	1695.1
17.5°	1725.4	1729.4	1737.7	1737.7	1748.7	1755.6	1758.3	1768.0	1770.8	1779.0	1785.9
20°	1785.9	1792.7	1799.7	1799.7	1814.8	1823.0	1825.8	1835.4	1840.9	1845.1	1853.3
22.5°	1840.9	1849.2	1858.8	1858.8	1874.0	1885.0	1889.1	1893.2	1905.6	1911.1	1919.4
25°	1912.4	1920.7	1931.7	1931.7	1949.6	1963.4	1967.5	1974.4	1988.2	1993.7	2006.0
27.5°	2010.2	2021.1	2029.4	2029.4	2048.7	2058.3	2068.0	2076.2	2088.6	2096.8	2110.6
30°	2132.6	2140.8	2154.6	2154.6	2175.2	2189.0	2200.0	2208.3	2215.1	2227.6	2242.7
32.5°	2312.8	2314.2	2318.3	2318.3	2352.7	2363.7	2378.9	2385.8	2396.8	2409.1	2425.7
35°	2537.1	2549.5	2559.2	2559.2	2582.5	2594.9	2600.4	2621.0	2630.7	2647.2	2663.7
37.5°	2760.0	2761.3	2783.4	2783.4	2801.2	2813.7	2833.0	2853.6	2878.3	2894.8	2920.9
40°	2999.4	3010.4	3037.9	3037.9	3065.5	3095.8	3110.9	3143.8	3185.2	3208.5	3252.5
42.5°	3346.1	3362.6	3412.1	3412.1	3467.3	3516.8	3548.4	3593.8	3610.3	3666.7	3687.4
45°	3800.2	3851.1	3922.6	3922.6	4028.6	4082.2	4109.7	4130.4	4155.1	4199.2	4193.7
47.5°	4291.4	4357.4	4437.2	4437.2	4572.0	4635.3	4671.1	4711.0	4689.0	4677.9	4666.9
50°	4794.9	4872.0	4977.9	4977.9	5123.7	5162.3	5192.5	5187.0	5140.3	5115.5	5046.7
52.5°	5354.9	5400.3	5500.7	5500.7	5610.8	5619.1	5612.2	5570.9	5526.8	5448.5	5367.3
55°	6213.5	6192.8	6232.7	6232.7	6256.1	6294.6	6195.5	6157.0	6048.4	5946.5	5837.8
57.5°	7958.0	7985.6	7762.7	7762.7	7644.4	7680.1	7505.4	7483.4	7220.6	7187.6	7004.6
60°	10508.9	10643.7	10469.0	10469.0	10107.2	10020.5	9825.1	9743.9	9492.1	9288.5	9031.2
62.5°	12426.9	12549.3	12622.3	12622.3	12329.2	12102.2	11806.4	11479.0	11212.0	10899.7	10627.3
65°	12600.3	12847.9	13015.8	13080.4	12971.7	12722.7	12358.1	11945.4	11536.7	11144.6	10800.6
67.5°	11789.8	12011.4	12271.4	12271.4	12517.7	12355.3	12044.5	11624.8	11152.8	10668.5	10265.4
70°	10397.5	10675.4	10902.4	10902.4	11317.9	11224.4	11068.9	10683.6	10193.9	9816.9	9353.2
72.5°	8456.2	8573.1	8628.1	8628.1	8871.6	8701.0	8591.0	8377.7	7982.8	7715.9	7362.3
75°	4938.0	4680.7	4406.9	4406.9	3974.9	3893.7	3533.3	3472.7	3230.6	3080.6	2860.4
77.5°	2036.3	1806.5	1510.7	1510.7	1020.9	910.9	751.2	681.0	590.3	550.4	524.2
80°	1746.0	1528.6	1305.7	1305.7	902.6	712.7	554.5	430.7	338.4	287.6	266.9
82.5°	1425.4	1294.7	1139.3	1139.3	875.0	733.4	619.2	480.2	359.1	264.1	202.3
85°	514.6	422.4	339.8	339.8	249.0	205.0	172.0	147.3	121.0	96.3	85.3
87.5°	57.8	55.0	31.6	31.6	34.4	24.8	28.9	26.1	22.0	19.3	20.6
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):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5	1312.5
2.5°	1316.7	1316.7	1318.1	1318.1	1319.5	1320.8	1323.6	1322.2	1322.2	1323.6	1323.6
5°	1353.9	1358.0	1356.6	1356.6	1356.6	1358.0	1359.4	1353.9	1348.4	1342.9	1340.1
7.5°	1418.5	1421.2	1424.0	1421.2	1424.0	1422.7	1419.9	1404.8	1386.8	1364.9	1349.7
10°	1502.5	1502.5	1505.2	1503.8	1509.3	1505.2	1497.0	1462.6	1424.0	1377.2	1342.9
12.5°	1593.3	1602.9	1598.8	1600.1	1611.2	1600.1	1580.8	1529.9	1461.1	1385.5	1325.0
15°	1700.6	1704.7	1707.5	1703.3	1710.3	1700.6	1666.2	1585.0	1484.6	1378.7	1289.2
17.5°	1788.6	1790.1	1791.4	1794.1	1803.7	1792.7	1733.6	1623.5	1490.1	1346.9	1228.7
20°	1857.4	1864.4	1869.8	1869.8	1883.5	1867.0	1788.6	1642.8	1472.2	1294.7	1151.6
22.5°	1929.0	1934.5	1941.3	1942.7	1960.6	1944.1	1834.0	1638.7	1425.4	1220.4	1062.2
25°	2017.0	2022.5	2028.1	2034.9	2059.7	2036.3	1879.5	1622.2	1360.7	1132.3	965.9
27.5°	2118.9	2131.2	2135.3	2146.3	2175.2	2139.5	1917.9	1597.4	1289.2	1030.6	864.0
30°	2255.0	2270.2	2275.6	2290.9	2330.8	2252.3	1940.0	1554.7	1198.3	927.4	755.3
32.5°	2438.0	2458.7	2475.2	2491.7	2537.1	2365.1	1942.7	1492.8	1092.4	811.8	650.8
35°	2677.4	2709.1	2721.5	2732.5	2775.1	2487.6	1930.4	1400.6	963.1	693.5	568.2
37.5°	2945.7	2977.4	2985.7	2991.2	2999.4	2592.1	1900.1	1260.3	817.3	590.3	502.2
40°	3276.0	3303.5	3314.5	3306.2	3262.2	2673.4	1832.6	1096.6	675.5	520.1	460.9
42.5°	3679.1	3720.4	3724.5	3687.4	3541.5	2718.8	1697.8	903.9	564.1	469.2	429.2
45°	4178.5	4175.8	4152.4	4126.2	3845.6	2700.8	1509.3	736.1	494.0	429.2	400.4
47.5°	4627.0	4580.3	4544.6	4467.5	4113.9	2596.3	1265.8	609.5	451.3	399.0	375.6
50°	4994.4	4909.1	4833.5	4749.5	4313.4	2410.6	1023.6	517.3	411.4	372.8	352.2
52.5°	5284.8	5181.6	5093.5	5011.0	4506.0	2204.1	839.3	449.9	372.8	346.7	326.1
55°	5738.8	5635.5	5495.2	5404.5	4800.4	2014.3	719.6	396.3	335.8	319.2	298.5
57.5°	6887.7	6796.8	6629.0	6393.7	5557.2	1942.7	652.1	355.0	305.5	295.9	279.3
60°	8893.7	8746.4	8527.7	8288.3	7095.3	1990.9	598.5	326.1	284.8	276.6	264.1
62.5°	10407.2	10148.5	9900.8	9679.3	8325.4	1989.5	528.3	304.0	269.6	265.5	253.2
65°	10469.0	10206.2	9957.2	9724.7	8353.0	1770.8	445.8	284.8	266.9	265.5	244.9
67.5°	9913.2	9628.4	9387.6	9094.5	7732.4	1384.1	357.7	272.4	277.9	275.1	242.2
70°	9005.1	8633.6	8435.4	8146.5	6805.1	968.6	294.4	276.6	301.3	293.1	246.3
72.5°	7067.9	6787.2	6485.9	6285.0	5327.4	612.2	247.7	279.3	311.0	297.2	257.3
75°	2630.7	2706.3	2582.5	2538.4	2706.3	359.1	220.1	260.0	277.9	257.3	233.9
77.5°	531.1	507.7	481.6	476.1	615.0	221.6	202.3	225.6	213.3	188.5	189.8
80°	254.5	247.7	239.4	238.0	228.4	184.4	187.2	192.6	160.9	145.8	155.4
82.5°	169.2	159.6	156.9	151.3	154.1	165.1	177.5	165.1	123.8	115.5	140.3
85°	78.4	75.6	74.3	74.3	82.6	148.6	147.3	121.0	85.3	82.6	140.3
87.5°	19.3	19.3	20.6	19.3	22.0	44.0	38.5	37.1	31.6	35.8	66.0
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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CATALOG NUMBER: VXS-F05-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1312.5	1312.5	1312.5
2.5°	1322.2	1323.6	1322.2
5°	1334.6	1334.6	1334.6
7.5°	1334.6	1330.5	1329.1
10°	1315.3	1303.0	1303.0
12.5°	1282.3	1261.7	1259.0
15°	1220.4	1192.8	1188.7
17.5°	1142.0	1104.9	1097.9
20°	1053.9	1007.2	998.9
22.5°	957.6	903.9	899.8
25°	862.7	807.7	796.6
27.5°	756.7	703.1	697.6
30°	650.8	604.0	601.2
32.5°	561.3	532.4	526.9
35°	498.0	481.6	474.7
37.5°	456.8	444.5	443.0
40°	425.2	414.1	412.7
42.5°	399.0	389.3	388.0
45°	372.8	364.6	361.9
47.5°	346.7	338.4	337.1
50°	323.3	312.3	311.0
52.5°	301.3	290.3	287.6
55°	280.7	269.6	269.6
57.5°	262.8	251.8	250.4
60°	246.3	235.2	233.9
62.5°	233.9	220.1	218.8
65°	224.2	210.5	207.8
67.5°	218.8	202.3	198.1
70°	228.4	198.1	191.3
72.5°	229.7	194.0	184.4
75°	221.6	183.0	176.1
77.5°	194.0	163.7	156.9
80°	167.9	126.6	117.0
82.5°	159.6	103.2	89.4
85°	123.8	67.5	63.3
87.5°	70.2	37.1	30.3
90°	0.0	0.0	0.0

(END OF REPORT)