

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: P154408

Luminaire Tested: **VXS-E05-LED-E1-T2-8030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P154408  
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-E05-LED-E1-T2-8030  
Description: VISION SITE SMALL LED LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2  
Light Source: (105) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12929.3 lumens  
Efficiency: N/A  
Efficacy: 101.6 lumens/watt  
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')  
IES Classification: Type II - Short - Semi-Cutoff  
BUG Rating: B3 - U0 - G3

Input Watts (W): 127.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

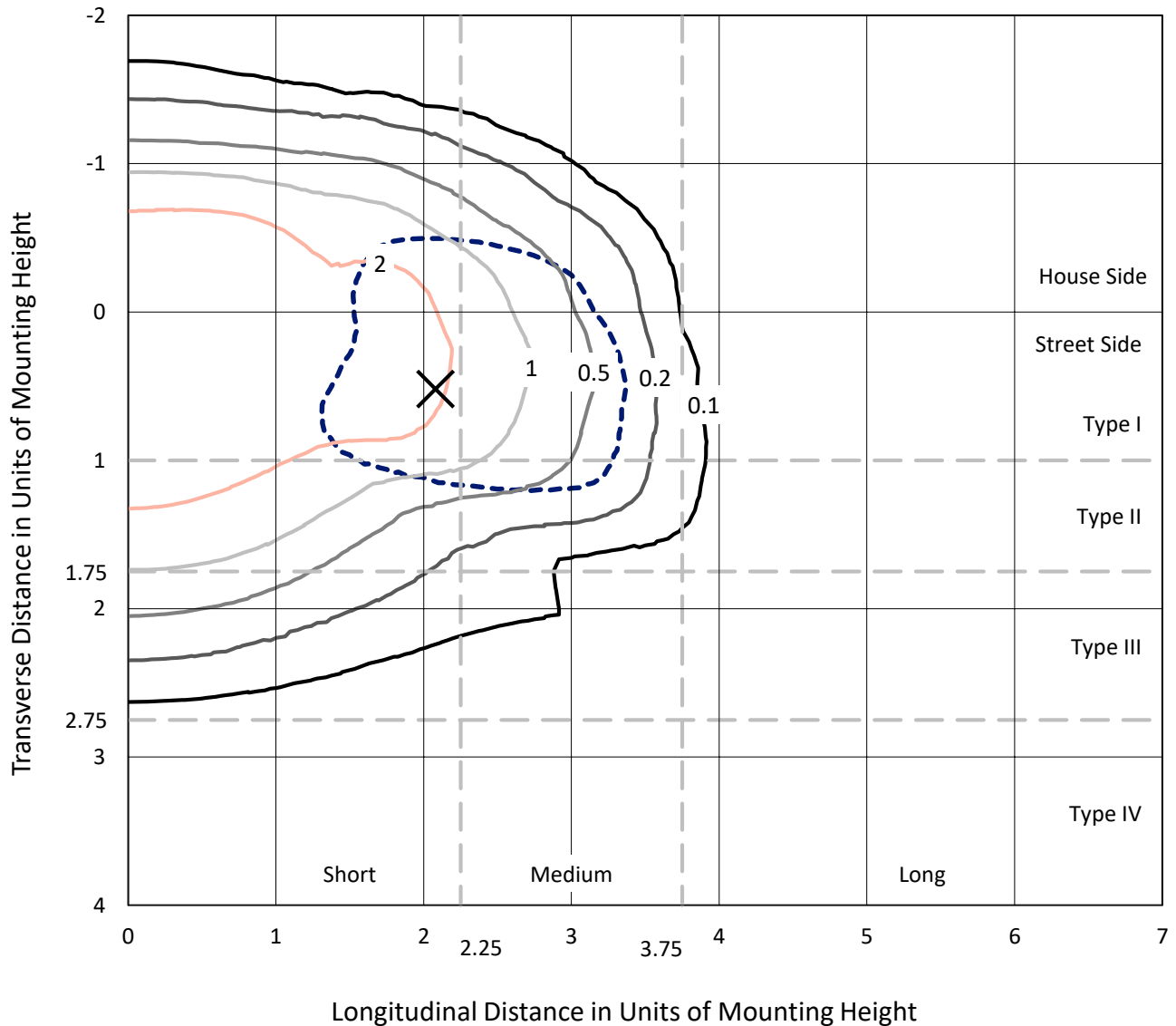


REPORT NUMBER: P154408

CATALOG NUMBER: VXS-E05-LED-E1-T2-8030

### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

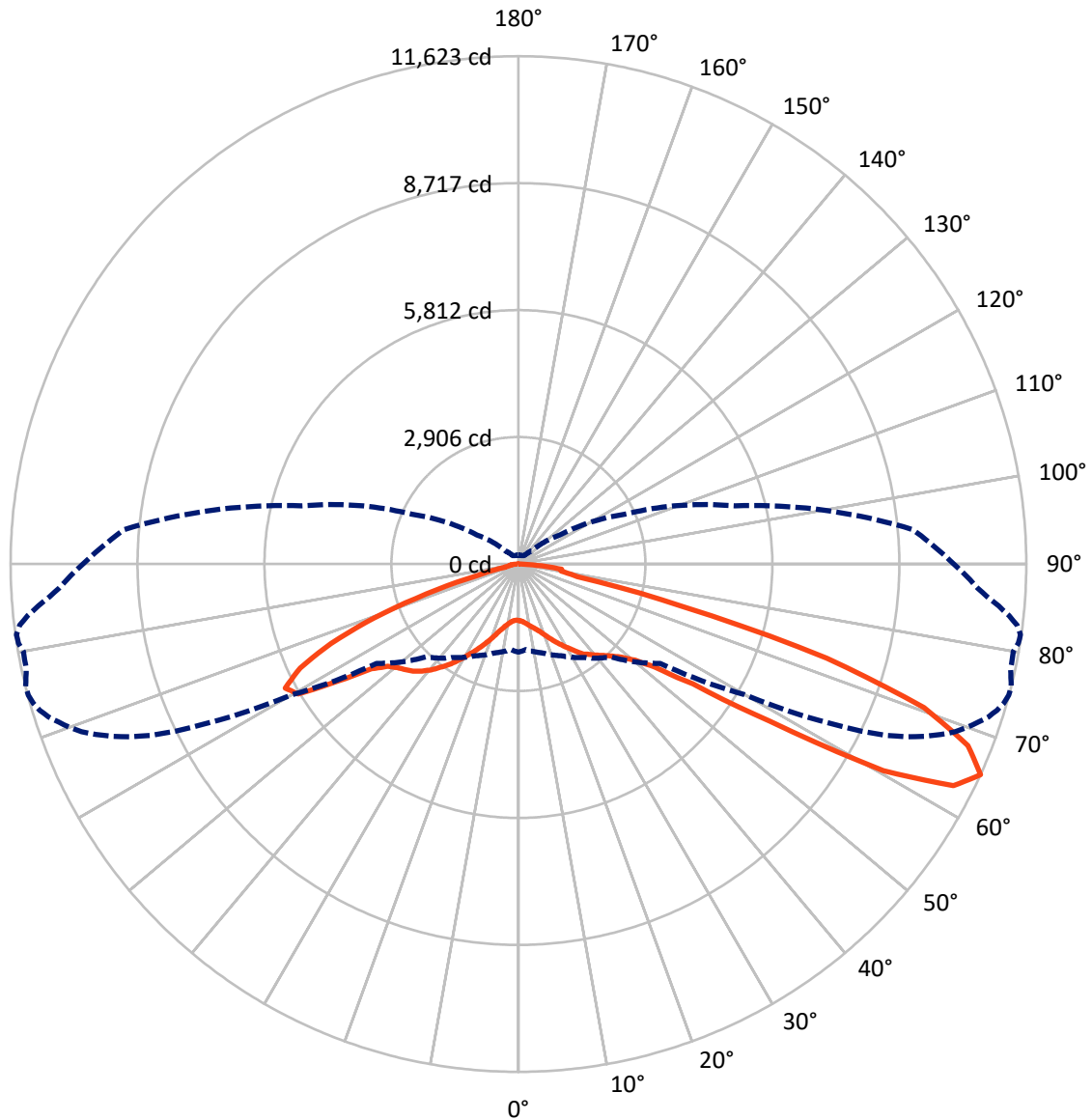


Based on 20 foot mounting height. Maximum calculated value = 3.9 fc  
 Type II - Short - Semi-Cutoff

REPORT NUMBER: P154408

CATALOG NUMBER: VXS-E05-LED-E1-T2-8030

### Luminous Intensity Polar Plot



— Vertical Plane Through 76-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P154408

CATALOG NUMBER: VXS-E05-LED-E1-T2-8030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	4527.5	0.0	4527.5
	% Fixture	35.0	0.0	35.0
<b>Street Side</b>	Lumens	8401.8	0.0	8401.8
	% Fixture	65.0	0.0	65.0
<b>Total</b>	Lumens	12929.3	0.0	12929.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	129.4	1.0
10°-20°	444.6	3.4
20°-30°	873.5	6.8
30°-40°	1451.4	11.2
40°-50°	2132.7	16.5
50°-60°	2952.7	22.8
60°-70°	3524.3	27.3
70°-80°	1246.4	9.6
80°-90°	174.1	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°	12929.3	100.0
0°-180°	12929.3	100.0

**Coefficient of Utilization**



REPORT NUMBER: P154408

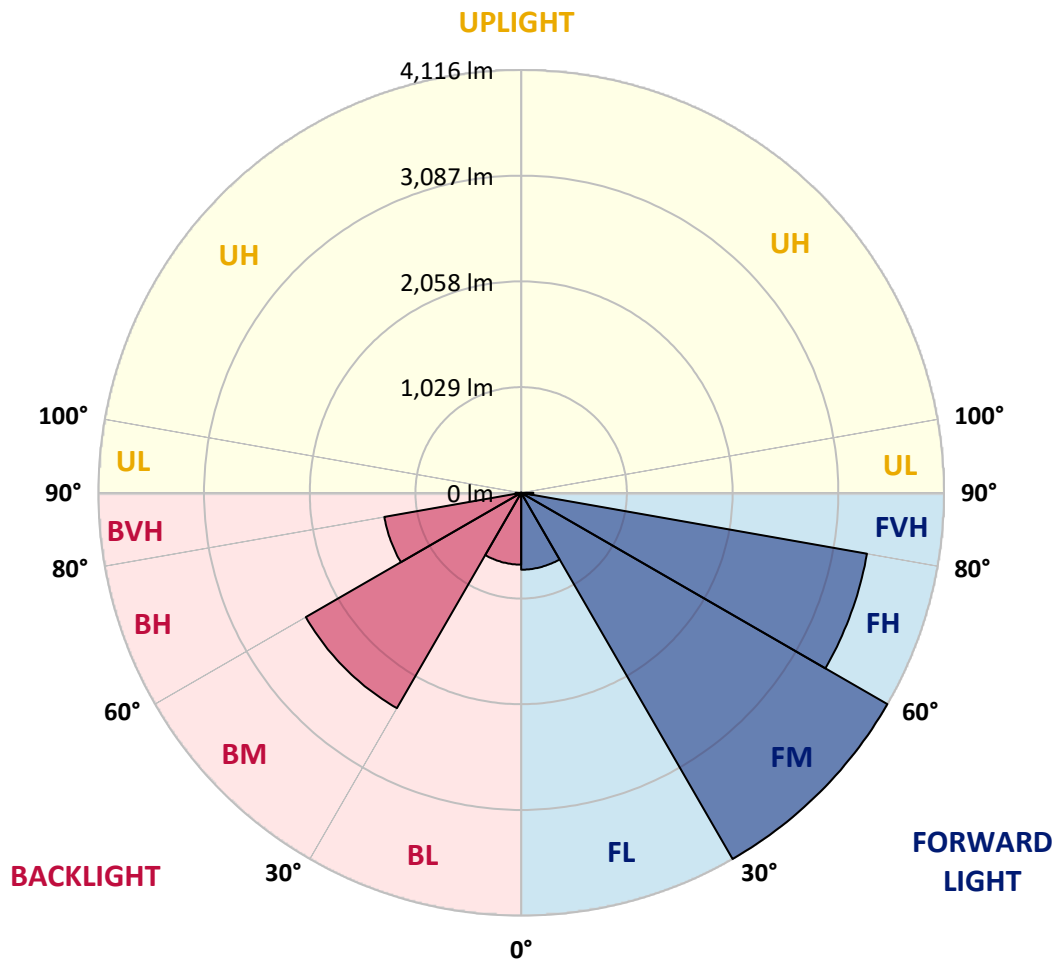
CATALOG NUMBER: VXS-E05-LED-E1-T2-8030

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	748.1	5.8			
FM	(30°-60°)	4116.3	31.8			
FH	(60°-80°)	3418.4	26.4			G2/5000
FVH	(80°-90°)	119.0	0.9			G2/225
BL	(0°-30°)	699.5	5.4	B2/1000		
BM	(30°-60°)	2420.6	18.7	B2/2500		
BH	(60°-80°)	1352.4	10.5	B3/2500		G3/2500
BVH	(80°-90°)	55.1	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: P154408

CATALOG NUMBER: VXS-E05-LED-E1-T2-8030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7
2.5°	1349.0	1350.4	1347.6	1346.1	1342.0	1334.9	1329.3	1323.6	1323.6	1323.6	1319.5
5°	1408.1	1410.9	1405.3	1401.0	1388.4	1381.3	1371.5	1364.5	1361.7	1360.2	1356.1
7.5°	1482.6	1478.3	1469.9	1467.2	1457.3	1441.9	1423.5	1409.4	1409.4	1408.1	1409.4
10°	1557.2	1545.9	1541.7	1537.5	1522.0	1502.3	1481.2	1465.7	1464.4	1462.9	1458.7
12.5°	1631.7	1627.5	1623.3	1607.8	1592.3	1561.3	1537.5	1522.0	1520.6	1522.0	1516.4
15°	1730.2	1720.3	1716.2	1689.4	1655.6	1621.9	1592.3	1578.2	1574.1	1575.4	1571.2
17.5°	1806.1	1806.1	1796.3	1766.7	1723.1	1676.7	1645.8	1637.3	1636.0	1636.0	1637.3
20°	1866.6	1865.2	1855.3	1831.5	1779.4	1733.0	1717.5	1714.7	1713.3	1713.3	1717.5
22.5°	1900.4	1897.6	1893.4	1866.6	1825.8	1794.9	1796.3	1804.8	1807.6	1810.4	1816.0
25°	1917.3	1913.1	1911.6	1893.4	1863.8	1859.6	1884.9	1907.5	1913.1	1918.7	1925.7
27.5°	1945.4	1938.3	1941.1	1934.2	1927.2	1939.8	1991.8	2015.8	2020.0	2026.9	2031.2
30°	2022.8	2020.0	2031.2	2034.0	2039.7	2057.9	2105.8	2128.3	2138.1	2138.1	2157.8
32.5°	2170.5	2171.9	2174.7	2204.2	2214.1	2226.7	2252.0	2270.4	2271.7	2273.2	2291.4
35°	2368.8	2377.2	2401.1	2426.4	2450.4	2449.0	2433.5	2443.3	2436.3	2444.8	2446.2
37.5°	2619.2	2608.0	2643.1	2700.7	2737.3	2727.5	2658.5	2613.6	2626.2	2620.6	2616.4
40°	2811.9	2824.6	2892.1	2968.1	2996.2	3027.2	2937.1	2859.7	2848.5	2827.4	2814.7
42.5°	3077.7	3079.2	3134.0	3190.3	3271.9	3339.4	3281.8	3170.6	3136.8	3111.5	3056.7
45°	3323.9	3319.7	3364.7	3433.7	3530.7	3627.8	3648.8	3527.9	3515.2	3470.3	3398.4
47.5°	3488.5	3482.9	3513.8	3603.8	3761.3	3920.3	4007.6	3971.0	3947.0	3928.8	3816.3
50°	3599.6	3588.4	3623.5	3719.2	3895.0	4139.8	4367.7	4398.5	4388.7	4388.7	4317.0
52.5°	3682.6	3682.6	3708.0	3785.3	3963.9	4269.2	4677.1	4833.3	4845.9	4860.0	4855.8
55°	3636.2	3643.2	3706.5	3819.1	4007.6	4359.2	4933.2	5274.9	5345.3	5404.4	5471.9
57.5°	3477.2	3501.1	3585.6	3769.8	4018.8	4426.7	5217.3	5893.9	6092.2	6263.8	6531.1
60°	3245.2	3276.1	3398.4	3633.4	3935.9	4317.0	5317.1	6417.1	6732.2	7106.4	7804.1
62.5°	2847.0	2878.0	2997.6	3232.4	3491.3	3896.4	4903.6	6494.5	6998.1	7528.4	8583.4
65°	2017.1	1967.9	2105.8	2316.8	2613.6	3006.0	3962.5	5975.4	6699.9	7418.7	8721.2
67.5°	1123.9	1119.7	1204.1	1361.7	1645.8	2067.8	2730.3	4582.9	5249.6	6064.0	7663.4
70°	775.0	783.5	837.0	1007.2	1242.1	1606.4	1945.4	2878.0	3357.7	3910.5	5483.1
72.5°	544.4	562.7	592.2	693.5	934.0	1353.2	1987.6	1720.3	1959.5	2336.5	3297.2
75°	319.3	332.0	353.1	402.3	531.7	904.5	2057.9	1512.1	1512.1	1600.7	1994.6
77.5°	196.9	196.9	209.6	229.3	282.7	443.1	1465.7	1699.3	1651.4	1600.7	1605.0
80°	101.2	108.3	126.6	136.5	157.5	202.6	658.3	1585.3	1738.7	1841.3	1769.5
82.5°	46.4	52.0	77.4	83.0	91.4	106.9	226.4	901.7	1208.3	1590.9	1987.6
85°	23.9	23.9	40.8	50.7	54.8	49.2	83.0	364.4	551.4	841.1	1316.6
87.5°	4.2	4.2	7.0	8.4	12.6	11.3	14.1	21.1	35.1	38.0	39.4
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: P154408

CATALOG NUMBER: VXS-E05-LED-E1-T2-8030

**CANDELA DISTRIBUTION (continued):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7
2.5°	1318.0	1319.5	1318.0	1316.6	1313.8	1313.8	1313.8	1312.4	1312.4	1312.4	1311.0
5°	1356.1	1350.4	1351.8	1349.0	1347.6	1346.1	1347.6	1344.8	1342.0	1343.3	1342.0
7.5°	1403.8	1401.0	1395.4	1395.4	1394.0	1391.2	1391.2	1386.9	1385.6	1382.7	1381.3
10°	1457.3	1450.3	1453.1	1450.3	1451.7	1446.0	1443.2	1440.4	1437.6	1437.6	1439.0
12.5°	1512.1	1510.8	1506.5	1503.7	1503.7	1499.5	1500.9	1499.5	1495.2	1493.9	1489.6
15°	1568.4	1568.4	1564.1	1565.6	1564.1	1561.3	1558.5	1558.5	1555.8	1553.0	1554.3
17.5°	1634.5	1634.5	1634.5	1634.5	1636.0	1631.7	1633.2	1630.3	1627.5	1633.2	1633.2
20°	1720.3	1726.0	1726.0	1724.6	1731.6	1727.4	1726.0	1733.0	1726.0	1735.9	1734.4
22.5°	1818.8	1824.5	1824.5	1830.1	1831.5	1835.6	1838.4	1835.6	1841.3	1846.9	1846.9
25°	1928.5	1934.2	1938.3	1946.8	1951.0	1948.2	1949.6	1956.7	1959.5	1965.1	1970.7
27.5°	2043.8	2045.3	2050.9	2060.7	2067.8	2070.6	2072.0	2083.2	2084.7	2087.5	2093.1
30°	2156.4	2170.5	2167.7	2180.3	2184.6	2188.7	2197.2	2201.5	2211.3	2216.9	2216.9
32.5°	2288.6	2285.8	2297.1	2306.9	2314.0	2320.9	2328.0	2333.7	2339.3	2342.1	2356.2
35°	2453.2	2458.9	2458.9	2460.2	2477.1	2478.5	2484.1	2496.8	2501.0	2509.4	2515.1
37.5°	2616.4	2606.5	2605.1	2605.1	2599.5	2603.7	2605.1	2606.5	2612.1	2613.6	2619.2
40°	2799.3	2786.5	2775.3	2768.3	2757.0	2741.6	2738.8	2731.7	2736.0	2734.5	2736.0
42.5°	3049.6	3014.4	2987.8	2968.1	2945.5	2928.6	2916.0	2897.7	2885.1	2869.5	2866.7
45°	3368.9	3302.8	3257.8	3225.5	3193.1	3146.6	3120.0	3091.8	3066.5	3041.1	3020.1
47.5°	3788.1	3717.8	3646.0	3586.9	3536.4	3461.8	3385.8	3343.6	3294.4	3250.8	3219.8
50°	4281.9	4197.4	4163.7	4080.7	4017.4	3904.9	3810.6	3741.7	3643.2	3577.1	3519.5
52.5°	4786.8	4765.7	4747.5	4677.1	4602.6	4537.8	4454.8	4333.9	4234.0	4158.0	4039.9
55°	5474.7	5484.6	5477.5	5439.5	5412.7	5350.9	5317.1	5211.6	5166.6	5056.9	4933.2
57.5°	6632.3	6711.1	6811.0	6850.4	6903.8	6853.2	6912.3	6984.0	6805.4	6867.3	6756.2
60°	8110.8	8472.2	8687.5	8951.9	9125.0	9366.9	9410.5	9473.8	9455.5	9490.7	9562.4
62.5°	9013.8	9442.9	9855.0	10154.6	10475.3	10652.5	10866.4	11015.4	11170.3	11274.3	11244.8
65°	9279.7	9721.3	10095.5	10423.3	10710.3	10926.8	11125.2	11312.3	11454.4	11554.2	11613.3
67.5°	8303.4	8880.2	9274.1	9658.0	10028.0	10255.9	10421.9	10603.3	10811.5	10984.6	11018.3
70°	6248.4	7113.5	7671.9	8131.8	8566.5	8873.2	9105.3	9274.1	9435.9	9559.6	9694.6
72.5°	3907.7	4664.5	5303.1	5899.5	6360.8	6782.9	6978.4	7352.5	7303.3	7397.6	7498.9
75°	2342.1	2710.6	3062.3	3482.9	3724.8	4076.5	4139.8	4201.7	4169.3	4063.8	4142.6
77.5°	1627.5	1688.0	1685.2	1661.2	1636.0	1574.1	1493.9	1450.3	1420.7	1378.5	1395.4
80°	1637.3	1506.5	1306.7	1098.5	907.3	780.7	730.1	730.1	782.1	856.7	931.2
82.5°	1956.7	1817.4	1620.4	1356.1	1074.7	874.9	741.3	687.9	697.7	773.7	869.3
85°	1319.5	1350.4	1184.4	1083.1	858.0	668.2	559.9	454.3	402.3	414.9	469.8
87.5°	47.9	57.7	21.1	28.1	19.7	16.9	16.9	18.2	12.6	15.4	14.1
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: P154408

CATALOG NUMBER: VXS-E05-LED-E1-T2-8030

**CANDELA DISTRIBUTION (continued):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7
2.5°	1309.6	1308.2	1308.2	1305.4	1305.4	1303.9	1303.9	1302.6	1301.1	1301.1	1299.8
5°	1340.5	1339.2	1336.3	1334.9	1332.1	1332.1	1330.7	1327.9	1327.9	1325.1	1323.6
7.5°	1384.1	1381.3	1378.5	1377.1	1375.8	1371.5	1371.5	1368.7	1368.7	1365.9	1364.5
10°	1436.2	1433.4	1430.6	1432.0	1427.8	1426.3	1423.5	1423.5	1419.3	1417.9	1417.9
12.5°	1492.4	1491.1	1491.1	1486.8	1485.4	1484.0	1478.3	1478.3	1478.3	1475.5	1477.0
15°	1553.0	1554.3	1550.2	1554.3	1553.0	1548.7	1548.7	1548.7	1543.1	1550.2	1544.5
17.5°	1634.5	1638.8	1636.0	1637.3	1634.5	1634.5	1636.0	1634.5	1637.3	1637.3	1645.8
20°	1735.9	1737.2	1744.2	1741.5	1741.5	1740.0	1742.8	1744.2	1749.8	1747.0	1752.6
22.5°	1846.9	1854.0	1855.3	1861.0	1861.0	1859.6	1862.4	1868.1	1870.9	1875.0	1873.7
25°	1973.6	1977.7	1983.4	1976.4	1987.6	1987.6	1990.4	1997.4	1998.9	1998.9	2008.7
27.5°	2091.7	2102.9	2104.4	2111.4	2107.2	2109.9	2119.8	2124.0	2129.6	2129.6	2132.4
30°	2225.3	2229.5	2232.3	2240.8	2239.4	2240.8	2242.2	2249.2	2249.2	2256.3	2263.3
32.5°	2363.2	2366.0	2368.8	2377.2	2380.1	2385.7	2382.9	2388.5	2395.5	2396.9	2401.1
35°	2527.8	2530.6	2533.4	2546.0	2547.5	2557.3	2560.1	2557.3	2568.5	2561.6	2568.5
37.5°	2623.4	2636.1	2638.9	2647.4	2644.5	2651.5	2655.8	2661.3	2664.2	2669.8	2681.0
40°	2740.2	2744.4	2752.8	2757.0	2762.7	2764.0	2769.7	2773.9	2778.1	2790.8	2803.4
42.5°	2859.7	2865.4	2869.5	2875.2	2882.3	2887.9	2892.1	2904.8	2907.6	2916.0	2939.9
45°	3004.6	3001.8	3003.2	3004.6	3007.5	3014.4	3027.2	3039.8	3048.2	3067.9	3087.6
47.5°	3184.7	3166.3	3159.4	3148.1	3150.9	3166.3	3169.2	3190.3	3207.2	3225.5	3249.3
50°	3457.5	3408.3	3378.8	3349.2	3346.4	3354.8	3366.1	3388.6	3408.3	3432.2	3466.0
52.5°	3916.2	3821.9	3762.8	3681.2	3658.7	3654.5	3646.0	3658.7	3664.4	3696.7	3760.0
55°	4844.6	4670.1	4557.5	4431.0	4312.7	4277.6	4210.2	4224.1	4210.2	4229.8	4324.0
57.5°	6782.9	6643.6	6533.9	6372.1	6169.5	5954.4	5900.9	5680.1	5723.6	5850.3	5768.7
60°	9597.6	9546.9	9468.2	9390.8	9113.7	8957.5	8702.9	8674.8	8496.2	8497.6	8380.8
62.5°	11173.1	11237.7	11189.9	11167.4	11151.9	11102.7	10976.1	10824.1	10596.3	10431.7	10189.7
65°	11623.2	11568.3	11516.3	11509.2	11505.0	11585.2	11603.4	11496.6	11289.7	11033.8	10755.2
67.5°	11098.4	11067.6	11070.4	11011.3	11047.9	11187.2	11284.1	11254.6	11064.8	10755.2	10400.8
70°	9849.3	9788.9	9850.8	9928.2	9983.0	10063.2	10160.2	10184.1	10011.1	9693.3	9331.7
72.5°	7375.0	7384.9	7444.0	7465.1	7685.9	7663.4	7750.7	7466.5	7341.3	7038.9	6853.2
75°	3880.9	3817.6	3982.3	3633.4	3489.9	3589.7	3309.8	3041.1	3097.4	3143.8	2809.1
77.5°	1371.5	1282.9	1132.3	1071.9	891.8	755.3	617.5	557.0	524.7	507.8	486.7
80°	984.7	1012.7	981.9	908.7	772.2	619.0	488.1	385.4	330.6	301.0	281.3
82.5°	996.0	1107.0	1156.3	1135.1	1011.4	765.2	505.0	322.1	239.2	199.8	185.7
85°	534.5	585.2	562.7	474.1	426.2	254.6	174.4	116.8	98.4	90.1	83.0
87.5°	21.1	16.9	14.1	14.1	15.4	16.9	14.1	15.4	14.1	14.1	14.1
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: P154408

CATALOG NUMBER: VXS-E05-LED-E1-T2-8030

**CANDELA DISTRIBUTION (continued):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7
2.5°	1296.9	1296.9	1296.9	1295.5	1292.7	1285.7	1278.7	1273.1	1268.8	1264.6	1259.0
5°	1322.3	1319.5	1319.5	1319.5	1308.2	1296.9	1287.0	1277.2	1268.8	1261.8	1256.2
7.5°	1364.5	1363.0	1357.4	1356.1	1347.6	1329.3	1318.0	1301.1	1291.3	1281.5	1278.7
10°	1415.1	1413.7	1412.2	1410.9	1399.6	1381.3	1367.3	1351.8	1337.7	1323.6	1309.6
12.5°	1474.2	1472.7	1471.4	1467.2	1462.9	1453.1	1437.6	1420.7	1403.8	1374.3	1358.9
15°	1547.4	1550.2	1547.4	1545.9	1543.1	1544.5	1534.6	1510.8	1484.0	1446.0	1413.7
17.5°	1644.4	1641.6	1640.2	1645.8	1644.4	1651.4	1648.6	1617.6	1576.9	1516.4	1460.1
20°	1751.3	1751.3	1756.9	1761.1	1773.8	1792.1	1783.6	1745.7	1671.1	1586.7	1513.6
22.5°	1879.3	1882.1	1887.8	1884.9	1904.6	1934.2	1937.0	1883.5	1786.4	1669.7	1567.0
25°	2013.0	2015.8	2010.2	2018.5	2050.9	2093.1	2101.6	2025.6	1897.6	1745.7	1612.0
27.5°	2139.5	2142.3	2142.3	2153.6	2184.6	2256.3	2264.7	2180.3	2010.2	1811.8	1644.4
30°	2263.3	2274.5	2277.4	2280.2	2326.6	2426.4	2444.8	2322.4	2108.6	1861.0	1666.8
32.5°	2419.5	2423.6	2429.3	2436.3	2489.7	2612.1	2612.1	2444.8	2171.9	1891.9	1671.1
35°	2586.8	2588.3	2600.9	2602.3	2678.2	2800.6	2776.7	2546.0	2216.9	1884.9	1640.2
37.5°	2688.1	2693.8	2706.4	2723.3	2803.4	2976.5	2921.7	2633.3	2225.3	1838.4	1569.8
40°	2813.3	2824.6	2837.2	2854.1	2973.7	3155.1	3044.0	2688.1	2190.2	1747.0	1464.4
42.5°	2948.3	2963.8	2983.5	3014.4	3156.5	3312.6	3136.8	2696.6	2109.9	1644.4	1339.2
45°	3100.3	3128.4	3150.9	3187.5	3347.9	3449.1	3193.1	2647.4	2008.7	1509.3	1205.5
47.5°	3276.1	3298.5	3338.0	3377.4	3537.7	3542.0	3198.8	2551.7	1870.9	1374.3	1063.4
50°	3492.7	3506.7	3565.9	3589.7	3740.3	3639.0	3157.9	2422.3	1726.0	1222.4	905.9
52.5°	3781.0	3800.7	3876.7	3913.3	4020.2	3771.2	3100.3	2281.6	1560.0	1052.1	744.1
55°	4350.8	4436.6	4490.1	4553.4	4622.3	4070.9	3074.9	2131.1	1372.8	855.2	589.4
57.5°	5950.2	5922.0	6040.2	6183.6	6182.3	4755.9	3226.8	2001.7	1152.0	654.1	453.0
60°	8333.0	8359.7	8299.3	8385.1	8112.1	5605.5	3435.0	1865.2	903.1	486.7	346.0
62.5°	10103.9	9949.2	9863.4	9762.2	9161.6	5698.3	3283.1	1585.3	656.9	341.9	265.9
65°	10523.1	10341.7	10157.4	9964.8	9058.9	5137.1	2693.8	1163.3	424.8	234.9	211.0
67.5°	10109.6	9818.4	9583.5	9385.2	8300.6	4257.9	1969.3	714.6	243.3	189.9	180.0
70°	9037.7	8715.6	8335.9	8113.6	6989.6	3138.2	1261.8	385.4	187.0	168.8	164.6
72.5°	6615.4	6351.0	5936.1	5681.5	5019.0	1907.5	704.8	216.6	174.4	161.8	156.2
75°	2577.0	2439.2	2266.1	2280.2	2035.4	844.0	319.3	187.0	170.2	159.0	153.4
77.5°	443.1	431.8	399.5	399.5	454.3	308.1	212.4	188.5	168.8	156.2	146.3
80°	265.9	260.2	247.6	244.8	236.3	216.6	203.9	191.3	166.0	147.7	135.0
82.5°	174.4	167.4	163.2	161.8	175.9	189.9	191.3	189.9	157.5	128.0	109.7
85°	74.5	74.5	74.5	76.0	101.2	153.4	157.5	168.8	129.4	99.9	78.8
87.5°	12.6	15.4	15.4	16.9	18.2	33.8	42.2	54.8	43.6	42.2	38.0
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: P154408

CATALOG NUMBER: VXS-E05-LED-E1-T2-8030

**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1292.7	1292.7	1292.7
2.5°	1257.5	1254.7	1254.7
5°	1253.4	1250.5	1251.9
7.5°	1270.2	1264.6	1266.0
10°	1301.1	1295.5	1292.7
12.5°	1340.5	1333.5	1333.5
15°	1381.3	1364.5	1363.0
17.5°	1415.1	1394.0	1391.2
20°	1453.1	1425.0	1420.7
22.5°	1488.2	1450.3	1444.7
25°	1513.6	1467.2	1460.1
27.5°	1524.8	1469.9	1464.4
30°	1533.3	1471.4	1462.9
32.5°	1524.8	1458.7	1451.7
35°	1478.3	1406.6	1402.4
37.5°	1398.2	1318.0	1312.4
40°	1292.7	1208.3	1194.2
42.5°	1157.7	1078.9	1063.4
45°	1026.8	936.8	929.8
47.5°	886.2	800.4	804.6
50°	738.4	661.1	659.7
52.5°	597.8	530.3	526.1
55°	471.2	423.4	419.2
57.5°	372.7	347.5	343.2
60°	303.8	291.2	286.9
62.5°	244.8	240.5	239.2
65°	203.9	203.9	203.9
67.5°	177.2	178.7	178.7
70°	163.2	164.6	163.2
72.5°	157.5	161.8	161.8
75°	153.4	156.2	150.5
77.5°	150.5	151.9	142.1
80°	149.1	147.7	129.4
82.5°	129.4	125.2	109.7
85°	118.1	90.1	76.0
87.5°	60.5	42.2	32.3
90°	0.0	0.0	0.0

(END OF REPORT)