

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: P149889

Luminaire Tested: **VXS-E04-LED-E1-SL2-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P149889
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-E04-LED-E1-SL2-7030
Description: VISION SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (84) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11161.5 lumens
Efficiency: N/A
Efficacy: 114.8 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 97.2
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



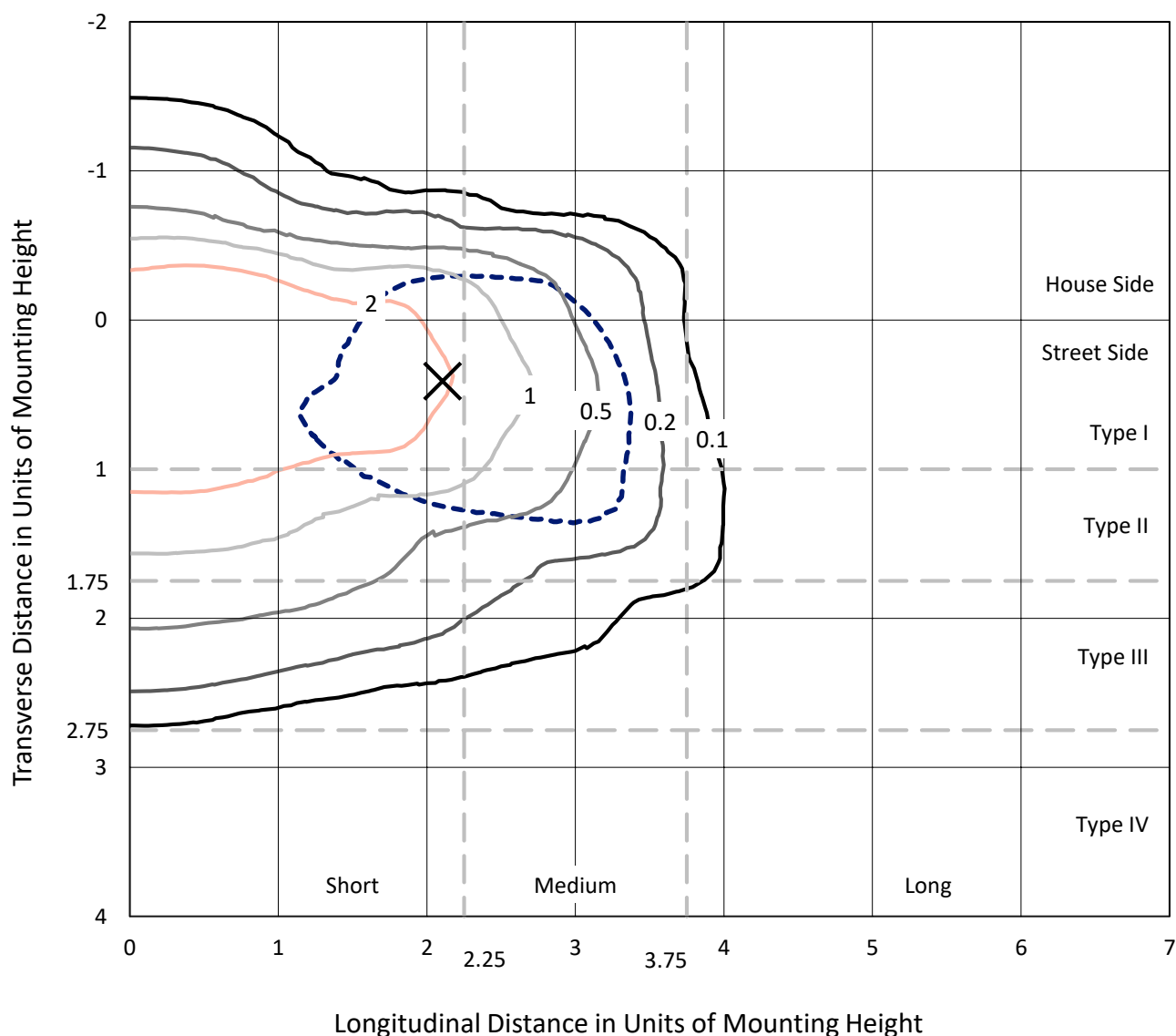
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

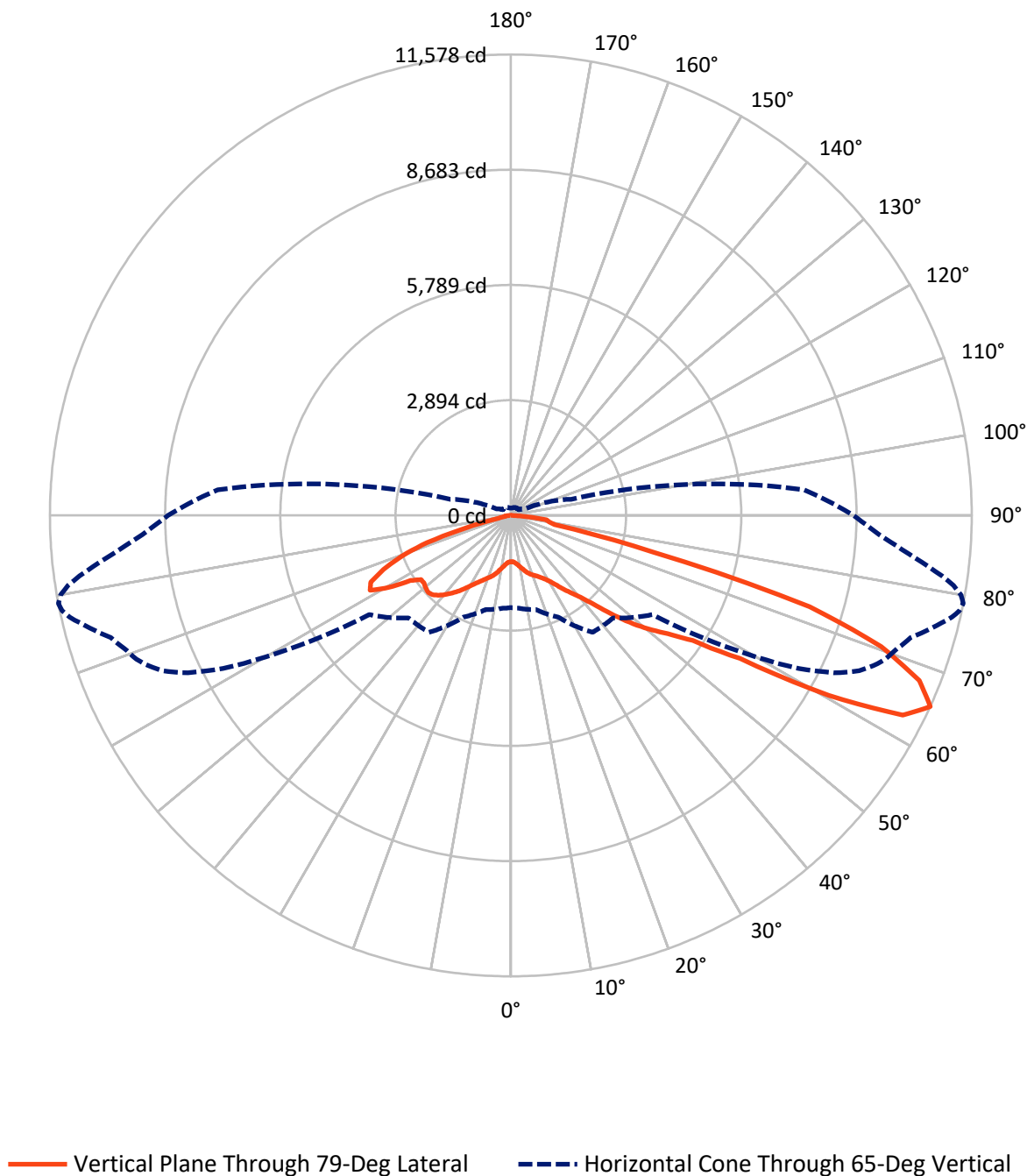


Based on 20 foot mounting height. Maximum calculated value = 3.8 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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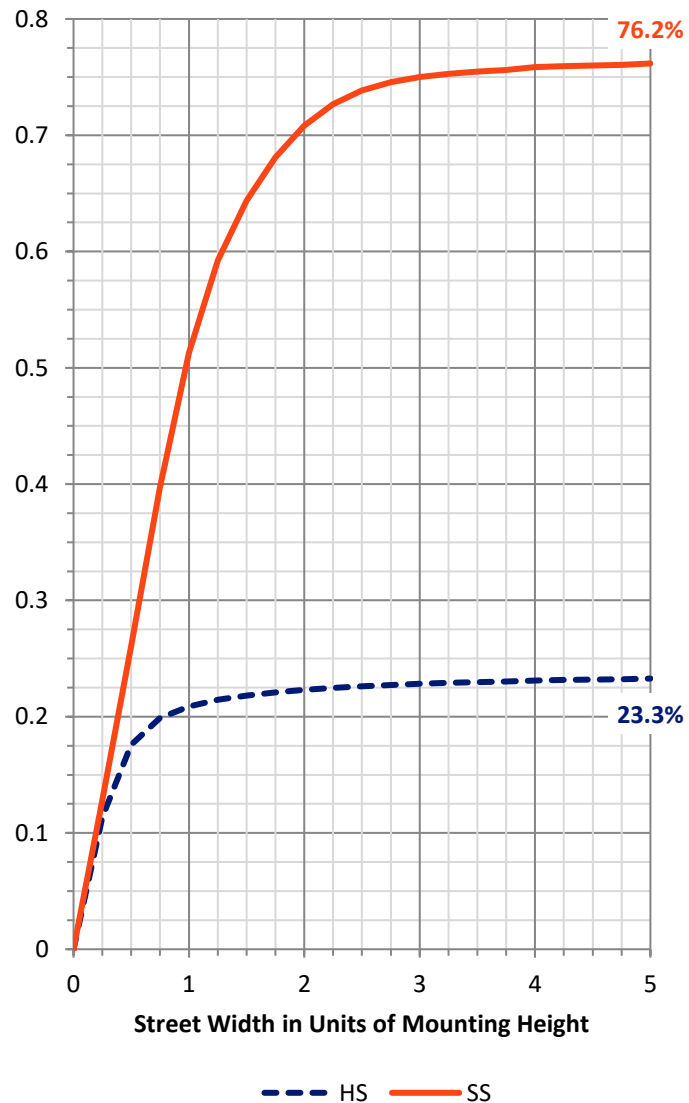
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2638.6	0.0	2638.6
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	8522.9	0.0	8522.9
	% Fixture	76.4	0.0	76.4
Total	Lumens	11161.5	0.0	11161.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	115.5	1.0
10°-20°	377.6	3.4
20°-30°	652.2	5.8
30°-40°	1079.7	9.7
40°-50°	1831.1	16.4
50°-60°	2432.9	21.8
60°-70°	3142.7	28.2
70°-80°	1318.1	11.8
80°-90°	211.7	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°	11161.5	100.0
0°-180°	11161.5	100.0

Coefficient of Utilization



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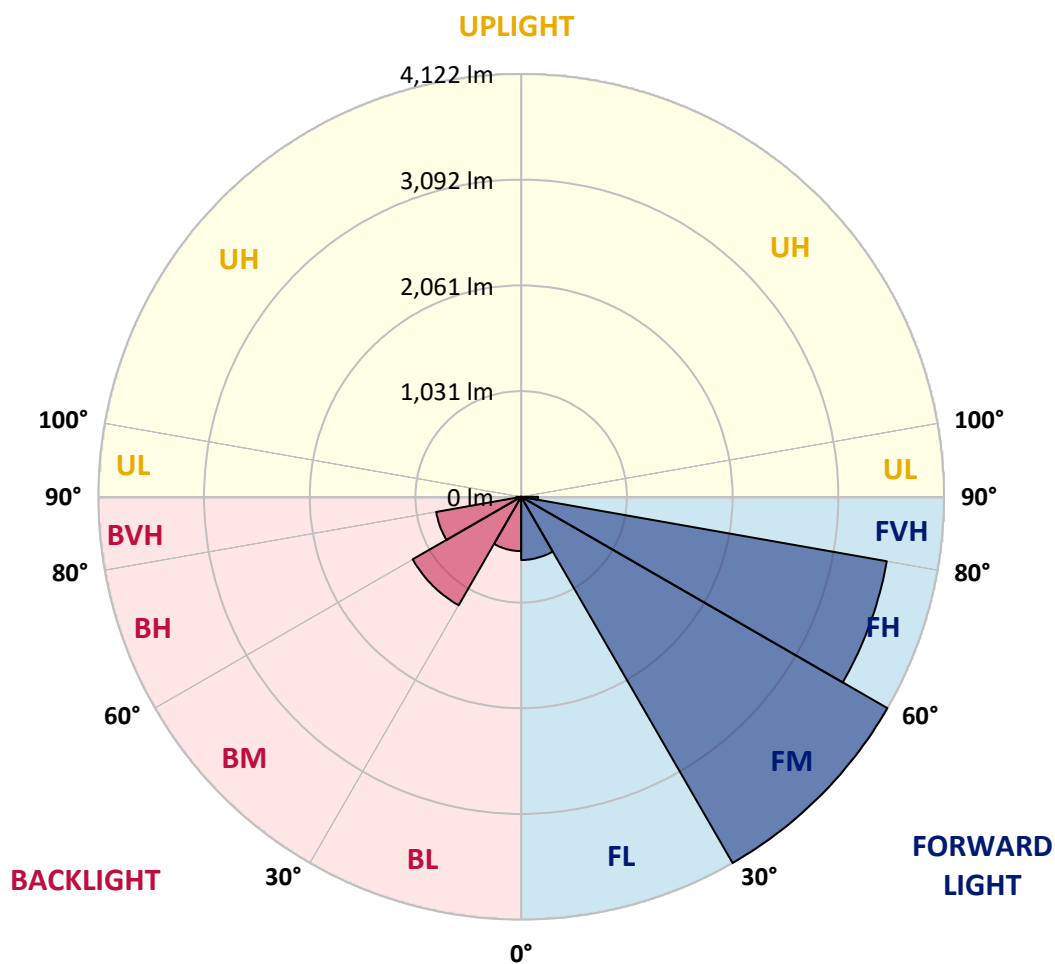
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	615.9	5.5			
FM	(30°-60°)	4122.3	36.9			
FH	(60°-80°)	3619.3	32.4			G2/5000
FVH	(80°-90°)	165.6	1.5			G2/225
BL	(0°-30°)	529.5	4.7	B2/1000		
BM	(30°-60°)	1221.4	10.9	B2/2500		
BH	(60°-80°)	841.5	7.5	B2/1000		G2/1000
BVH	(80°-90°)	46.2	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°	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8
2.5°	1158.1	1161.8	1159.4	1161.8	1164.2	1165.4	1167.9	1166.6	1166.6	1167.9	1165.4
5°	1158.1	1158.1	1161.8	1167.9	1170.3	1177.6	1186.1	1184.9	1186.1	1184.9	1187.4
7.5°	1182.5	1181.2	1184.9	1192.2	1194.6	1205.6	1220.2	1222.7	1225.1	1225.1	1228.8
10°	1225.1	1223.9	1227.6	1231.2	1234.8	1243.4	1264.0	1272.6	1273.8	1275.0	1279.9
12.5°	1278.7	1277.5	1272.6	1272.6	1271.4	1287.3	1315.2	1331.1	1333.5	1338.3	1342.0
15°	1316.5	1312.7	1305.5	1300.6	1306.7	1332.2	1373.7	1391.9	1394.4	1398.0	1407.8
17.5°	1353.0	1349.3	1333.5	1321.3	1329.8	1371.2	1427.3	1446.7	1451.6	1455.2	1466.2
20°	1404.1	1401.7	1378.5	1349.3	1346.8	1400.5	1468.7	1494.2	1497.9	1502.8	1513.7
22.5°	1482.1	1471.1	1444.4	1389.5	1362.7	1417.5	1497.9	1533.2	1538.0	1542.9	1557.6
25°	1579.5	1574.6	1528.3	1444.4	1388.3	1434.6	1529.5	1573.4	1580.7	1586.8	1606.3
27.5°	1680.5	1673.3	1623.3	1513.7	1433.4	1468.7	1579.5	1629.4	1639.2	1648.9	1667.2
30°	1770.7	1768.3	1726.8	1607.5	1506.4	1533.2	1659.9	1720.7	1731.7	1743.9	1760.9
32.5°	1982.6	1983.8	1941.1	1819.4	1683.0	1650.2	1775.5	1866.8	1871.7	1886.3	1916.8
35°	2388.1	2393.0	2377.1	2280.9	2127.5	1992.3	2004.5	2094.6	2099.5	2111.7	2140.9
37.5°	2659.7	2669.4	2718.1	2748.6	2670.7	2608.5	2453.9	2418.5	2422.2	2414.9	2408.8
40°	2809.4	2824.0	2951.9	3110.3	3195.5	3196.7	3129.7	2973.9	2914.2	2897.1	2824.0
42.5°	2894.7	2919.1	3100.5	3370.9	3615.6	3783.7	3825.1	3652.2	3608.4	3530.4	3390.4
45°	2950.8	2980.0	3194.3	3564.5	3925.0	4211.2	4426.7	4349.9	4320.7	4273.3	4144.1
47.5°	2941.0	2964.1	3186.9	3630.3	4086.9	4493.7	4876.1	4955.2	4919.9	4907.8	4820.1
50°	2763.2	2783.9	3010.4	3467.0	3998.0	4600.8	5161.0	5385.1	5385.1	5408.3	5381.5
52.5°	2573.2	2590.3	2796.1	3206.4	3710.7	4496.2	5319.4	5690.8	5739.5	5779.7	5843.0
55°	2501.3	2522.1	2677.9	3028.7	3465.9	4196.6	5373.0	5919.7	6009.8	6078.0	6221.8
57.5°	2535.4	2556.2	2666.9	2932.4	3322.2	3890.9	5375.3	6227.9	6402.0	6542.1	6833.1
60°	2682.8	2702.3	2794.8	3021.3	3284.5	3714.3	5271.8	6718.7	6996.3	7259.3	7744.0
62.5°	2614.6	2639.0	2774.2	3168.7	3565.7	3580.3	4898.0	7098.5	7545.5	7934.0	8704.9
65°	2316.3	2341.9	2447.8	2816.8	3582.8	3638.8	4343.9	7105.9	7661.1	8186.0	9017.8
67.5°	1758.5	1768.3	1852.2	2148.2	2865.5	3703.3	3774.0	6264.4	6792.8	7378.7	8237.2
70°	898.8	915.8	940.1	1186.1	1845.0	3060.3	3243.0	4616.7	5290.2	5895.3	6926.8
72.5°	311.7	317.8	342.2	453.1	898.8	2008.2	2838.7	3163.8	3570.6	4136.9	5331.5
75°	187.6	187.6	196.1	228.9	410.4	1046.1	2525.7	2584.1	2639.0	2828.9	3610.8
77.5°	148.6	151.0	151.0	157.1	227.8	537.1	1918.0	2402.7	2410.1	2428.3	2559.8
80°	105.9	110.8	120.5	125.4	147.4	294.7	1076.6	2109.2	2253.0	2322.4	2418.5
82.5°	79.2	84.0	102.3	108.4	114.5	164.4	483.4	1455.2	1717.1	1856.0	2194.5
85°	35.3	41.5	69.4	76.7	80.4	87.7	226.5	414.1	476.2	534.6	705.1
87.5°	6.1	6.1	11.0	15.9	23.1	22.0	49.9	70.7	71.8	84.0	93.8
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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CATALOG NUMBER: VXS-E04-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8
2.5°	1165.4	1165.4	1165.4	1164.2	1165.4	1165.4	1165.4	1165.4	1166.6	1166.6	1166.6
5°	1191.0	1188.6	1189.7	1189.7	1189.7	1188.6	1191.0	1189.7	1191.0	1194.6	1193.5
7.5°	1228.8	1231.2	1232.4	1233.7	1233.7	1233.7	1234.8	1237.3	1237.3	1240.9	1239.7
10°	1284.8	1283.5	1284.8	1288.4	1292.1	1293.3	1297.0	1295.8	1298.1	1303.0	1307.9
12.5°	1344.5	1346.8	1350.6	1354.2	1360.3	1361.5	1365.2	1366.3	1373.7	1373.7	1378.5
15°	1411.4	1412.6	1420.0	1421.1	1428.5	1430.9	1437.0	1439.5	1448.0	1449.2	1454.1
17.5°	1472.3	1474.7	1478.4	1482.1	1490.6	1494.2	1499.1	1503.9	1511.3	1513.7	1522.3
20°	1521.0	1525.9	1527.2	1534.4	1541.8	1546.6	1551.5	1556.4	1563.6	1567.4	1575.9
22.5°	1564.9	1569.7	1573.4	1579.5	1584.4	1591.7	1594.1	1602.6	1609.9	1616.1	1623.3
25°	1612.3	1619.7	1623.3	1634.3	1637.9	1645.3	1651.3	1659.9	1669.6	1676.9	1686.6
27.5°	1679.4	1690.3	1695.1	1707.4	1715.9	1719.6	1729.3	1741.5	1749.9	1758.5	1768.3
30°	1771.9	1792.6	1796.3	1804.8	1820.6	1823.0	1835.2	1845.0	1858.3	1866.8	1875.4
32.5°	1915.6	1941.1	1943.6	1953.4	1966.7	1971.6	1981.3	1992.3	2013.1	2016.7	2030.1
35°	2136.1	2146.9	2156.7	2160.4	2171.3	2177.4	2184.8	2196.9	2217.6	2215.1	2229.7
37.5°	2400.3	2403.9	2405.2	2393.0	2395.4	2384.5	2397.8	2400.3	2407.6	2413.7	2428.3
40°	2777.8	2740.0	2735.1	2705.9	2676.7	2660.9	2654.8	2630.5	2636.6	2639.0	2651.2
42.5°	3329.4	3256.4	3195.5	3154.1	3082.3	3046.9	2999.5	2961.7	2932.4	2943.4	2948.3
45°	4028.5	3923.7	3826.3	3699.7	3605.9	3539.0	3454.9	3379.4	3345.3	3329.4	3348.9
47.5°	4726.3	4633.8	4519.3	4388.9	4240.4	4129.5	3989.5	3866.5	3781.2	3749.6	3766.6
50°	5329.1	5243.8	5157.4	5080.6	4907.8	4787.2	4596.0	4436.5	4302.5	4234.3	4216.1
52.5°	5829.6	5784.6	5738.2	5673.8	5534.9	5414.3	5262.1	5105.0	4927.3	4788.4	4740.9
55°	6276.6	6303.3	6280.2	6281.5	6226.6	6149.8	6020.8	5903.9	5779.7	5622.6	5556.8
57.5°	6928.1	7086.4	7118.0	7197.2	7236.2	7277.6	7314.1	7244.7	7213.1	7096.2	7097.3
60°	7954.7	8186.0	8386.9	8569.6	8719.5	8865.6	9019.1	9087.3	9162.7	9198.0	9318.7
62.5°	9047.0	9267.5	9567.0	9811.8	9949.4	10139.4	10306.2	10414.6	10547.4	10688.6	10872.5
65°	9317.4	9582.9	9771.6	9934.8	10071.2	10172.3	10263.6	10392.7	10503.5	10727.6	10944.4
67.5°	8624.5	8836.4	9009.3	9170.1	9276.0	9361.2	9442.8	9528.1	9718.0	9921.5	10139.4
70°	7403.0	7658.8	7945.0	8153.2	8205.5	8278.7	8356.6	8467.4	8562.4	8775.4	8941.1
72.5°	5947.8	6315.5	6557.8	6846.4	6908.6	7019.4	7063.2	7149.7	7166.7	7282.5	7326.3
75°	4145.4	4566.7	4810.4	5022.2	5063.6	5002.7	5027.0	4721.5	4643.5	4580.1	4529.0
77.5°	2736.4	2849.6	2888.6	2854.5	2691.3	2563.4	2427.0	2293.2	2307.8	2199.4	2009.3
80°	2433.2	2458.8	2423.4	2389.3	2295.5	2161.6	2038.5	1913.2	1851.1	1785.3	1687.9
82.5°	2367.4	2466.0	2477.0	2435.6	2361.3	2215.1	2066.6	1880.3	1722.0	1575.9	1427.3
85°	791.6	963.3	1040.0	1111.8	1133.8	1159.4	1071.7	952.3	808.6	712.4	557.7
87.5°	101.0	125.4	144.9	124.2	144.9	170.5	123.0	137.6	138.9	86.4	64.6
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8
2.5°	1167.9	1166.6	1166.6	1166.6	1165.4	1166.6	1166.6	1166.6	1166.6	1166.6	1165.4
5°	1194.6	1194.6	1198.3	1199.5	1197.1	1195.9	1197.1	1198.3	1198.3	1197.1	1198.3
7.5°	1244.6	1245.8	1248.3	1251.9	1249.4	1250.7	1251.9	1250.7	1254.3	1255.5	1254.3
10°	1307.9	1310.4	1316.5	1317.6	1316.5	1321.3	1322.5	1320.1	1322.5	1322.5	1327.4
12.5°	1381.0	1383.4	1390.8	1393.2	1395.6	1396.8	1400.5	1401.7	1405.4	1407.8	1411.4
15°	1460.1	1462.6	1467.5	1476.0	1478.4	1480.8	1483.3	1490.6	1491.8	1496.7	1500.3
17.5°	1527.2	1530.8	1538.0	1544.1	1547.9	1553.9	1556.4	1564.9	1567.4	1574.6	1580.7
20°	1580.7	1586.8	1592.8	1600.2	1606.3	1613.6	1616.1	1624.6	1629.4	1633.1	1640.4
22.5°	1629.4	1636.7	1645.3	1653.8	1658.7	1668.4	1672.0	1675.6	1686.6	1691.5	1698.9
25°	1692.7	1700.0	1709.7	1720.7	1725.6	1737.8	1741.5	1747.6	1759.7	1764.6	1775.5
27.5°	1779.2	1788.9	1796.3	1807.3	1813.3	1821.9	1830.4	1837.6	1848.6	1856.0	1868.1
30°	1887.6	1894.9	1907.0	1915.6	1925.4	1937.5	1947.3	1954.6	1960.6	1971.6	1985.0
32.5°	2047.2	2048.3	2052.0	2072.7	2082.5	2092.2	2105.6	2111.7	2121.5	2132.3	2146.9
35°	2245.6	2256.6	2265.1	2274.8	2285.8	2296.8	2301.7	2319.9	2328.4	2343.0	2357.6
37.5°	2442.9	2444.1	2463.6	2469.7	2479.5	2490.4	2507.5	2525.7	2547.7	2562.3	2585.4
40°	2654.8	2664.6	2688.9	2701.0	2713.3	2740.0	2753.5	2782.7	2819.2	2839.9	2878.9
42.5°	2961.7	2976.3	3020.1	3039.6	3068.8	3112.7	3140.7	3180.9	3195.5	3245.4	3263.7
45°	3363.5	3408.6	3471.9	3513.4	3565.7	3613.3	3637.6	3655.9	3677.7	3716.7	3711.8
47.5°	3798.3	3856.8	3927.4	4012.6	4046.7	4102.8	4134.4	4169.7	4150.3	4140.5	4130.8
50°	4244.0	4312.2	4406.0	4482.7	4535.1	4569.2	4596.0	4591.1	4549.7	4527.8	4466.9
52.5°	4739.7	4779.9	4868.8	4934.5	4966.2	4973.5	4967.4	4930.9	4891.9	4822.5	4750.7
55°	5499.6	5481.3	5516.7	5547.0	5537.3	5571.4	5483.7	5449.6	5353.5	5263.3	5167.2
57.5°	7043.7	7068.1	6870.9	6782.0	6766.1	6797.7	6643.1	6623.6	6391.0	6361.8	6199.8
60°	9301.6	9420.9	9266.2	9179.8	8946.0	8869.2	8696.3	8624.5	8401.6	8221.3	7993.7
62.5°	10999.2	11107.6	11172.1	11049.1	10912.7	10711.8	10449.9	10160.1	9923.8	9647.5	9406.3
65°	11152.6	11371.8	11520.4	11577.6	11481.5	11261.0	10938.2	10573.0	10211.3	9864.1	9559.7
67.5°	10435.3	10631.4	10861.6	11067.4	11079.6	10935.9	10660.6	10289.2	9871.5	9442.8	9086.0
70°	9202.9	9448.9	9649.8	9866.6	10017.6	9934.8	9797.2	9456.3	9022.7	8689.0	8278.7
72.5°	7484.6	7588.1	7636.8	7849.9	7852.3	7701.3	7603.9	7415.2	7065.7	6829.4	6516.5
75°	4370.7	4143.0	3900.6	3689.9	3518.2	3446.4	3127.4	3073.7	2859.4	2726.6	2531.8
77.5°	1802.4	1599.0	1337.1	1119.2	903.6	806.2	664.9	602.8	522.5	487.2	463.9
80°	1545.4	1353.0	1155.6	966.9	798.9	630.8	490.8	381.1	299.6	254.5	236.3
82.5°	1261.7	1145.9	1008.3	906.0	774.5	649.1	548.0	425.0	317.8	233.8	179.1
85°	455.4	373.9	300.8	276.5	220.4	181.5	152.2	130.3	107.2	85.3	75.5
87.5°	51.2	48.7	28.0	26.8	30.5	22.0	25.6	23.1	19.5	17.1	18.2
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°	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8	1161.8
2.5°	1165.4	1165.4	1166.6	1166.6	1167.9	1169.1	1171.5	1170.3	1170.3	1171.5	1171.5
5°	1198.3	1202.0	1200.7	1200.7	1200.7	1202.0	1203.2	1198.3	1193.5	1188.6	1186.1
7.5°	1255.5	1258.0	1260.4	1258.0	1260.4	1259.2	1256.8	1243.4	1227.6	1208.1	1194.6
10°	1329.8	1329.8	1332.2	1331.1	1336.0	1332.2	1325.0	1294.5	1260.4	1219.1	1188.6
12.5°	1410.3	1418.8	1415.1	1416.3	1426.0	1416.3	1399.3	1354.2	1293.3	1226.3	1172.7
15°	1505.2	1508.8	1511.3	1507.7	1513.7	1505.2	1474.7	1402.9	1314.0	1220.2	1141.0
17.5°	1583.1	1584.4	1585.6	1588.0	1596.6	1586.8	1534.4	1437.0	1318.9	1192.2	1087.5
20°	1644.0	1650.2	1655.0	1655.0	1667.2	1652.5	1583.1	1454.1	1303.0	1145.9	1019.3
22.5°	1707.4	1712.2	1718.3	1719.6	1735.3	1720.7	1623.3	1450.4	1261.7	1080.2	940.1
25°	1785.3	1790.2	1795.0	1801.1	1823.0	1802.4	1663.5	1435.8	1204.5	1002.3	854.9
27.5°	1875.4	1886.3	1890.1	1899.8	1925.4	1893.7	1697.6	1413.9	1141.0	912.1	764.8
30°	1996.0	2009.3	2014.2	2027.7	2063.0	1993.6	1717.1	1376.2	1060.7	820.8	668.6
32.5°	2157.9	2176.2	2190.8	2205.4	2245.6	2093.4	1719.6	1321.3	966.9	718.5	576.1
35°	2369.8	2397.8	2408.8	2418.5	2456.3	2201.8	1708.6	1239.7	852.4	613.8	502.9
37.5°	2607.4	2635.3	2642.6	2647.5	2654.8	2294.3	1681.8	1115.5	723.4	522.5	444.5
40°	2899.6	2923.9	2933.7	2926.4	2887.4	2366.2	1622.1	970.6	597.9	460.3	408.0
42.5°	3256.4	3293.0	3296.6	3263.7	3134.6	2406.4	1502.8	800.1	499.3	415.2	380.0
45°	3698.4	3696.1	3675.3	3652.2	3403.7	2390.6	1336.0	651.5	437.2	380.0	354.4
47.5°	4095.4	4054.1	4022.4	3954.2	3641.2	2298.0	1120.4	539.5	399.5	353.2	332.4
50°	4420.6	4345.1	4278.1	4203.8	3817.8	2133.6	906.0	457.9	364.1	330.1	311.7
52.5°	4677.6	4586.2	4508.3	4435.2	3988.3	1950.9	742.9	398.2	330.1	306.8	288.6
55°	5079.5	4988.1	4863.9	4783.5	4248.9	1782.9	636.9	350.8	297.1	282.5	264.2
57.5°	6096.3	6016.0	5867.4	5659.1	4918.7	1719.6	577.2	314.2	270.4	261.9	247.3
60°	7871.8	7741.6	7547.9	7336.1	6280.2	1762.2	529.7	288.6	252.1	244.8	233.8
62.5°	9211.4	8982.5	8763.3	8567.3	7368.9	1760.9	467.7	269.1	238.7	235.0	224.0
65°	9266.2	9033.7	8813.3	8607.5	7393.3	1567.4	394.6	252.1	236.3	235.0	216.8
67.5°	8774.3	8522.2	8309.0	8049.6	6844.0	1225.1	316.6	241.1	246.0	243.5	214.3
70°	7970.5	7641.7	7466.3	7210.6	6023.2	857.3	260.6	244.8	266.7	259.4	218.0
72.5°	6255.9	6007.5	5740.7	5562.9	4715.3	542.0	219.2	247.3	275.2	263.0	227.8
75°	2328.4	2395.4	2285.8	2246.8	2395.4	317.8	194.8	230.2	246.0	227.8	207.0
77.5°	470.1	449.3	426.2	421.3	544.4	196.1	179.1	199.7	188.8	166.8	168.1
80°	225.3	219.2	211.9	210.7	202.2	163.2	165.6	170.5	142.5	129.1	137.6
82.5°	149.7	141.2	138.9	134.0	136.4	146.1	157.1	146.1	109.6	102.3	124.2
85°	69.4	66.9	65.8	65.8	73.1	131.5	130.3	107.2	75.5	73.1	124.2
87.5°	17.1	17.1	18.2	17.1	19.5	39.0	34.1	32.8	28.0	31.7	58.4
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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CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1161.8	1161.8	1161.8
2.5°	1170.3	1171.5	1170.3
5°	1181.2	1181.2	1181.2
7.5°	1181.2	1177.6	1176.4
10°	1164.2	1153.3	1153.3
12.5°	1135.0	1116.7	1114.3
15°	1080.2	1055.9	1052.2
17.5°	1010.8	977.9	971.8
20°	932.8	891.4	884.1
22.5°	847.6	800.1	796.5
25°	763.5	714.8	705.1
27.5°	669.7	622.3	617.4
30°	576.1	534.6	532.2
32.5°	496.9	471.3	466.4
35°	440.8	426.2	420.1
37.5°	404.4	393.4	392.1
40°	376.3	366.5	365.4
42.5°	353.2	344.7	343.4
45°	330.1	322.7	320.3
47.5°	306.8	299.6	298.3
50°	286.2	276.5	275.2
52.5°	266.7	257.0	254.5
55°	248.4	238.7	238.7
57.5°	232.6	222.9	221.7
60°	218.0	208.3	207.0
62.5°	207.0	194.8	193.7
65°	198.5	186.3	183.9
67.5°	193.7	179.1	175.3
70°	202.2	175.3	169.2
72.5°	203.4	171.7	163.2
75°	196.1	162.0	155.9
77.5°	171.7	144.9	138.9
80°	148.6	112.0	103.5
82.5°	141.2	91.3	79.2
85°	109.6	59.7	56.1
87.5°	62.1	32.8	26.8
90°	0.0	0.0	0.0

(END OF REPORT)