

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: P151027

Luminaire Tested: **VXS-F03-LED-E1-SL3-7060**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P151027
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33679)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: VXS-F03-LED-E1-SL3-7060
Description: VISION SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (21) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7715.6 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 78.3
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



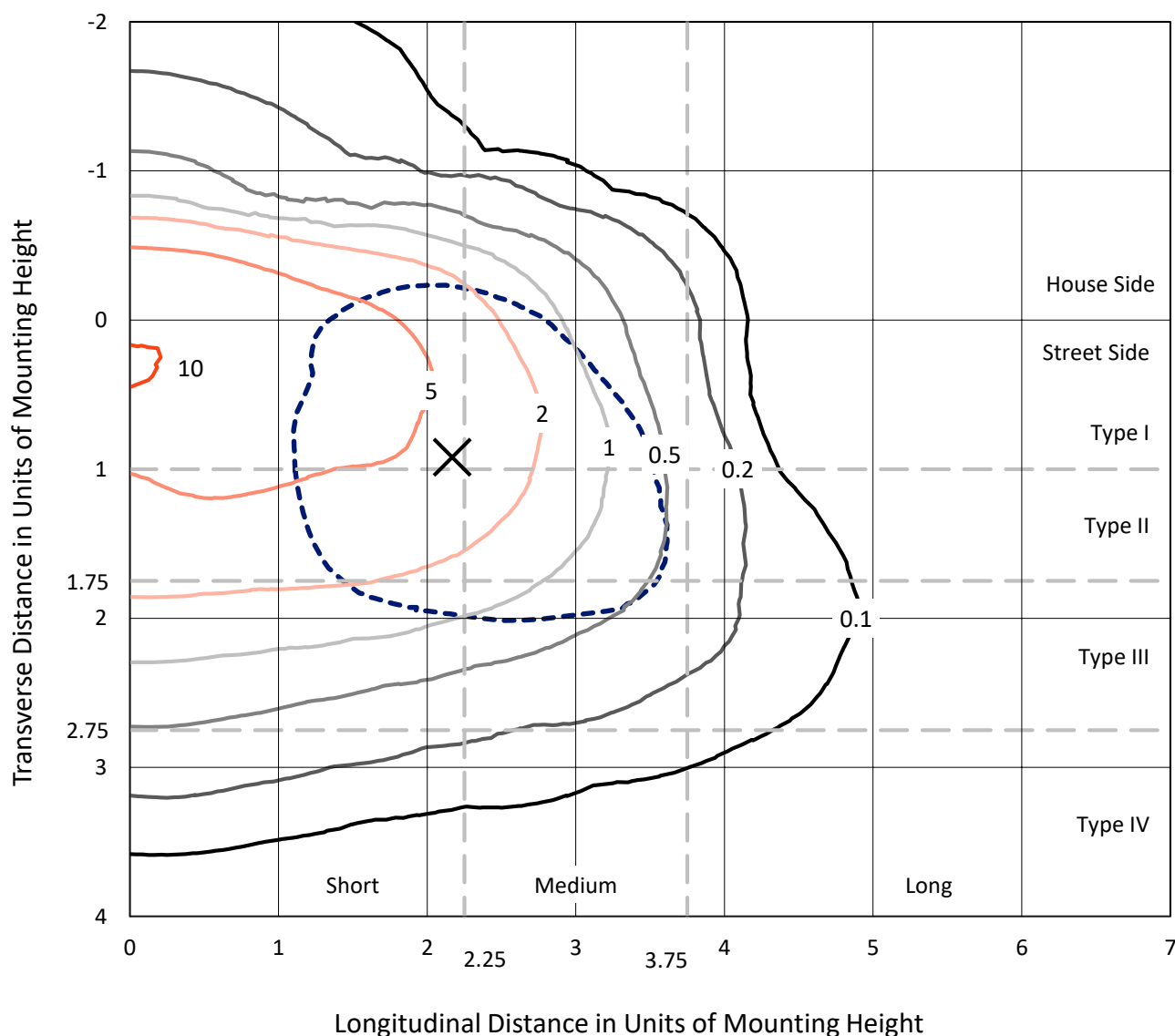
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

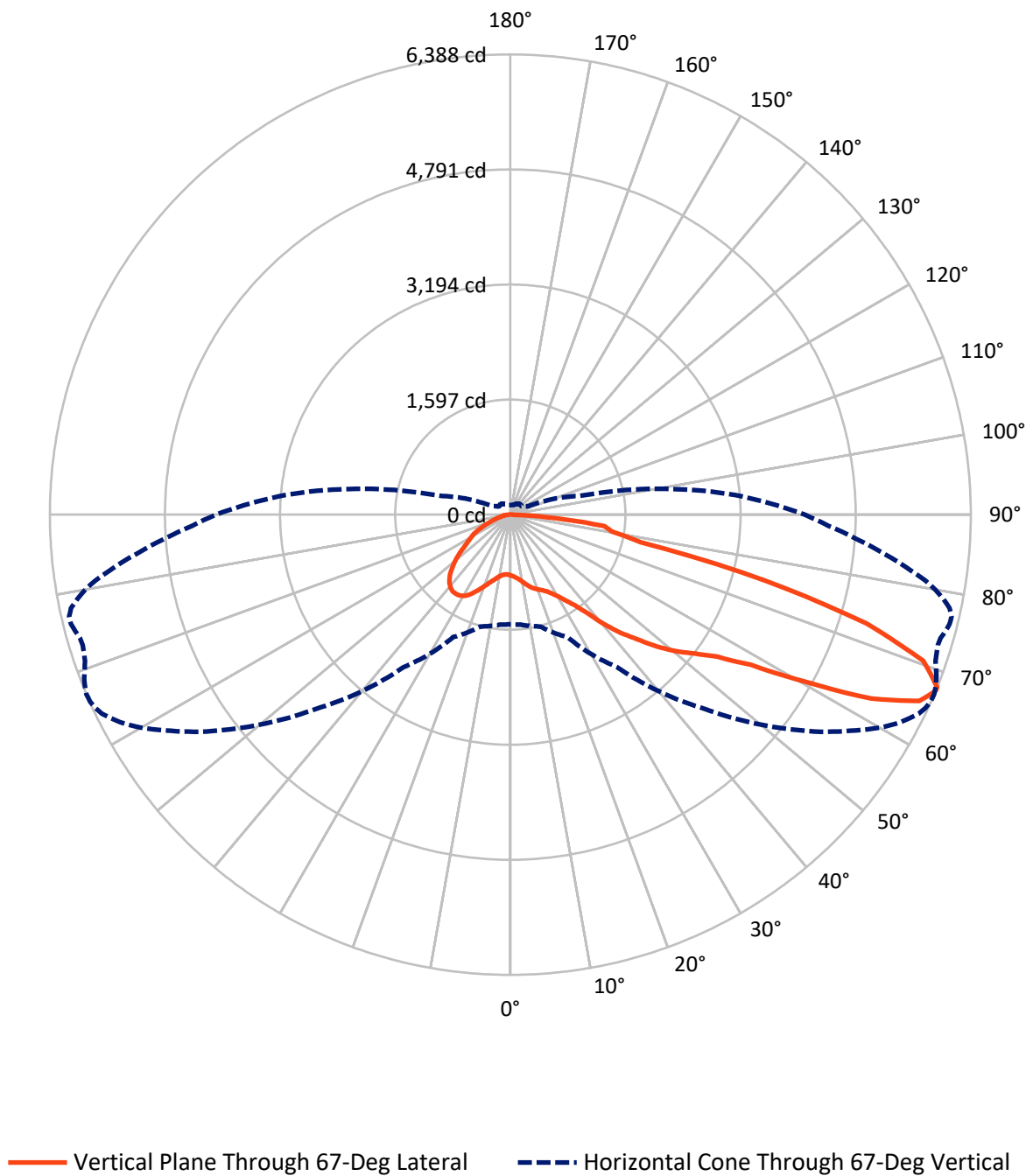


Based on 10 foot mounting height. Maximum calculated value = 10.8 fc
 Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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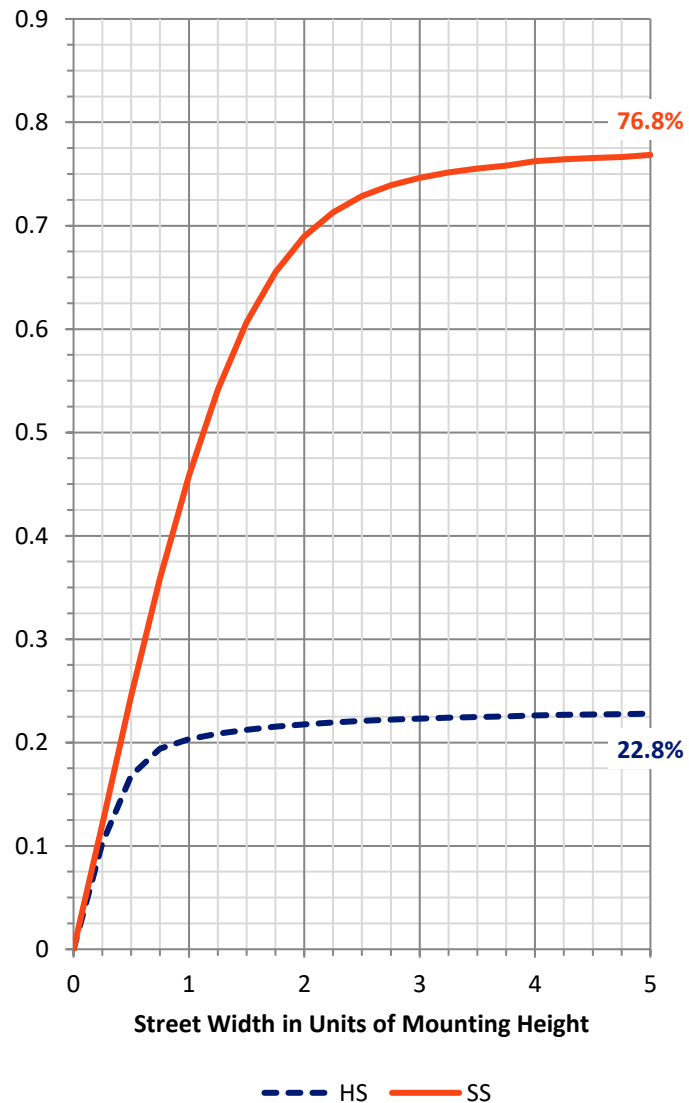
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1780.5	0.0	1780.5
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	5935.1	0.0	5935.1
	% Fixture	76.9	0.0	76.9
Total	Lumens	7715.6	0.0	7715.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.9	1.1
10°-20°	287.7	3.7
20°-30°	508.1	6.6
30°-40°	729.3	9.5
40°-50°	1107.6	14.4
50°-60°	1630.8	21.1
60°-70°	2167.2	28.1
70°-80°	1060.3	13.7
80°-90°	140.8	1.8
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°	7715.6	100.0
0°-180°	7715.6	100.0

Coefficient of Utilization



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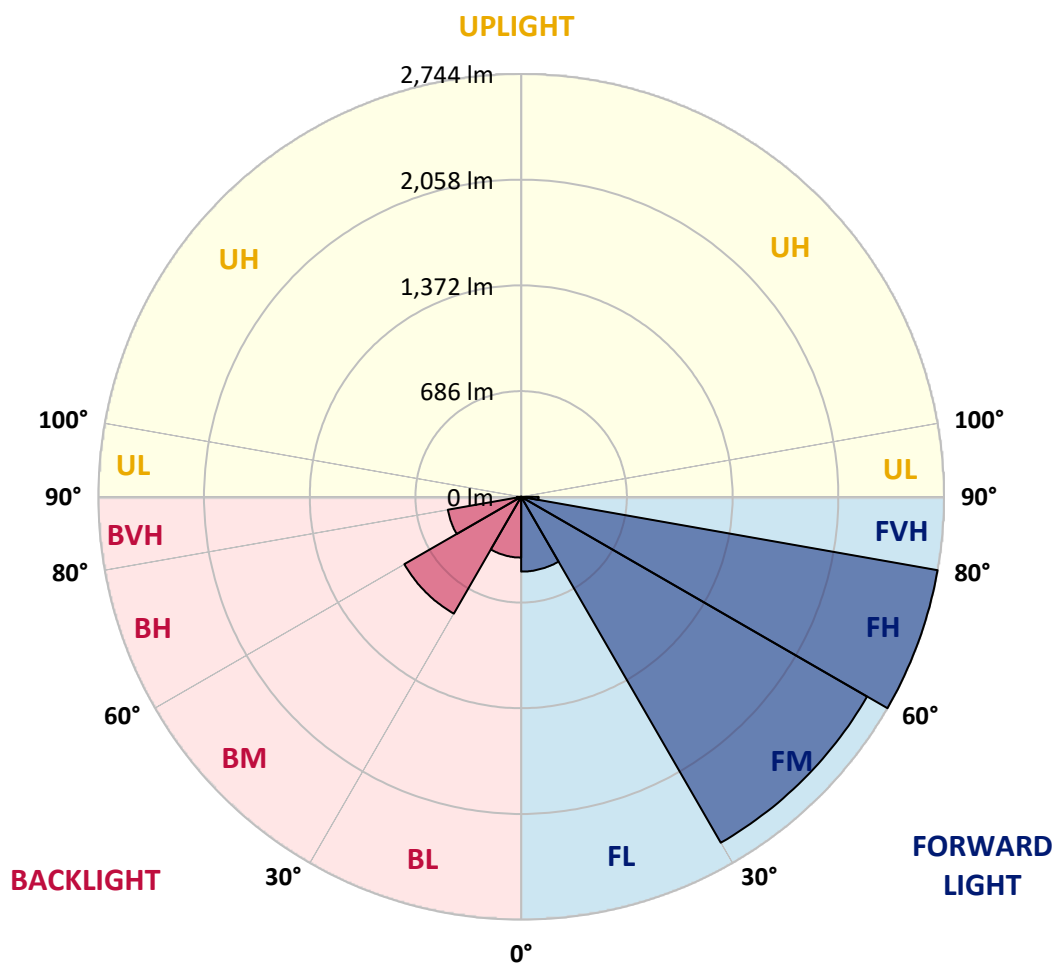
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	485.4	6.3			
FM	(30°-60°)	2592.3	33.6			
FH	(60°-80°)	2744.4	35.6			G2/5000
FVH	(80°-90°)	113.1	1.5			G2/225
BL	(0°-30°)	394.3	5.1	B1/500		
BM	(30°-60°)	875.3	11.3	B1/1000		
BH	(60°-80°)	483.1	6.3	B1/500		G1/500
BVH	(80°-90°)	27.7	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8
2.5°	882.7	883.5	881.8	880.9	875.9	870.8	867.4	863.2	863.2	863.2	861.5
5°	932.6	929.2	931.8	925.8	915.6	906.3	897.1	889.4	887.8	887.8	884.4
7.5°	992.7	988.5	986.8	978.3	963.1	949.5	931.0	923.3	919.1	917.4	915.6
10°	1065.6	1065.6	1054.6	1040.2	1019.9	996.2	975.9	962.3	961.5	961.5	953.8
12.5°	1140.2	1141.9	1127.5	1113.1	1080.0	1048.7	1025.0	1009.7	1008.9	1005.5	1001.2
15°	1208.8	1204.6	1195.2	1174.1	1137.6	1100.3	1070.7	1055.4	1052.0	1048.7	1046.1
17.5°	1265.5	1261.3	1249.4	1222.3	1184.2	1140.2	1103.7	1087.7	1085.9	1084.2	1080.8
20°	1301.1	1297.7	1280.8	1249.4	1209.6	1164.8	1125.8	1114.7	1111.4	1111.4	1109.6
22.5°	1321.5	1316.4	1291.8	1250.3	1211.3	1178.2	1146.1	1139.3	1136.8	1137.6	1137.6
25°	1331.6	1327.4	1292.6	1233.4	1196.1	1186.7	1173.2	1169.0	1169.8	1170.7	1172.3
27.5°	1333.3	1327.4	1286.7	1211.3	1176.6	1202.8	1212.1	1219.0	1219.0	1222.3	1228.3
30°	1320.6	1313.8	1274.8	1194.4	1168.1	1235.0	1272.3	1290.1	1296.9	1295.1	1308.7
32.5°	1298.5	1294.3	1263.0	1194.4	1191.8	1298.5	1364.7	1390.1	1393.5	1395.1	1410.4
35°	1291.0	1290.1	1276.6	1235.0	1265.5	1410.4	1511.2	1530.7	1534.9	1534.9	1545.9
37.5°	1289.2	1293.5	1308.7	1311.3	1395.1	1576.4	1708.6	1738.2	1738.2	1746.6	1746.6
40°	1289.2	1298.5	1356.2	1424.8	1553.6	1792.4	1975.3	2009.2	2009.2	2018.5	2013.5
42.5°	1339.3	1352.7	1447.7	1578.1	1753.5	2015.2	2225.3	2263.4	2265.9	2263.4	2271.0
45°	1437.5	1449.3	1564.6	1751.7	1959.3	2254.1	2464.1	2509.8	2500.5	2506.5	2509.0
47.5°	1568.0	1586.5	1717.8	1941.5	2160.0	2475.1	2731.8	2773.4	2769.9	2772.4	2761.5
50°	1706.8	1726.3	1872.8	2129.5	2360.0	2653.1	2946.9	3008.8	3002.9	3007.2	3013.1
52.5°	1829.6	1841.6	1983.0	2271.0	2511.6	2819.1	3112.1	3189.2	3202.8	3204.5	3208.7
55°	1902.5	1916.9	2046.5	2341.3	2621.7	2981.7	3301.0	3417.9	3444.2	3451.0	3469.6
57.5°	1928.0	1943.2	2060.9	2351.5	2681.9	3134.2	3564.5	3770.4	3792.3	3828.8	3888.1
60°	1927.0	1943.2	2045.7	2328.6	2742.8	3323.1	3974.5	4319.3	4431.1	4468.3	4553.1
62.5°	1848.3	1866.9	1971.2	2259.2	2820.7	3564.5	4584.4	5114.6	5258.7	5326.4	5417.9
65°	1675.5	1689.1	1786.5	2083.0	2798.8	3802.5	5094.3	5755.9	5887.2	5986.3	6149.7
67°	1522.2	1530.7	1606.9	1874.6	2583.6	3811.0	5255.2	5915.1	6029.5	6134.5	6303.1
67.5°	1483.2	1501.0	1560.3	1811.1	2503.1	3762.7	5244.2	5890.6	6007.5	6116.7	6294.6
70°	1207.0	1232.5	1262.2	1430.7	1967.8	3165.5	4855.4	5465.3	5567.9	5669.4	5917.7
72.5°	744.6	790.4	796.3	903.0	1280.8	2188.0	3928.7	4608.9	4686.0	4758.9	5013.0
75°	438.8	445.6	466.7	553.2	751.4	1307.9	2636.1	3423.8	3495.0	3530.6	3729.6
77.5°	244.8	251.6	269.3	343.9	577.7	880.9	1534.9	2011.8	2055.0	2099.9	2067.7
80°	101.7	111.0	119.5	139.0	270.3	695.4	1055.4	1279.1	1307.0	1333.3	1366.3
82.5°	49.1	52.5	64.4	73.7	98.2	285.5	827.6	1108.8	1141.9	1180.0	1257.1
85°	22.9	25.4	35.5	42.4	47.5	72.0	277.0	539.6	585.3	593.8	609.0
87.5°	1.7	1.7	4.2	5.9	8.5	9.3	28.8	40.6	45.7	41.6	52.5
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-F03-LED-E1-SL3-7060

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8
2.5°	860.6	859.8	858.1	858.1	857.2	857.2	857.2	855.5	855.5	855.5	854.7
5°	883.5	882.7	880.1	880.1	878.4	878.4	875.9	875.0	873.4	873.4	872.5
7.5°	913.2	912.3	908.9	908.9	906.3	905.5	903.8	901.2	901.2	899.6	897.9
10°	953.8	951.3	950.5	946.2	947.0	945.3	943.6	941.1	939.4	937.7	936.1
12.5°	999.6	999.6	995.3	992.7	994.5	992.7	989.4	988.5	986.0	986.0	983.4
15°	1042.8	1042.8	1041.0	1037.6	1038.5	1036.0	1035.1	1033.5	1030.1	1030.9	1030.1
17.5°	1080.0	1080.0	1077.5	1075.8	1075.8	1073.3	1074.1	1072.4	1070.7	1069.8	1067.4
20°	1109.6	1109.6	1108.0	1106.3	1107.2	1107.2	1104.6	1104.6	1104.6	1102.9	1102.9
22.5°	1138.4	1139.3	1139.3	1139.3	1140.2	1141.0	1140.2	1141.9	1141.0	1142.7	1142.7
25°	1176.6	1179.2	1180.8	1180.8	1185.1	1185.9	1186.7	1189.3	1189.3	1191.8	1192.6
27.5°	1233.4	1235.0	1241.8	1243.5	1244.4	1251.1	1252.0	1255.3	1258.8	1259.6	1260.4
30°	1311.3	1315.5	1320.6	1323.9	1323.9	1332.4	1335.9	1334.1	1343.4	1346.0	1349.4
32.5°	1415.4	1418.9	1423.9	1427.4	1430.7	1434.9	1435.8	1440.0	1447.7	1454.4	1450.2
35°	1546.7	1555.2	1546.7	1556.1	1558.7	1564.6	1562.9	1568.0	1571.3	1573.9	1573.1
37.5°	1737.3	1733.2	1731.4	1728.1	1722.1	1742.4	1732.2	1731.4	1726.3	1740.7	1731.4
40°	1988.1	1990.7	1993.2	1979.6	1972.0	1972.0	1969.4	1960.1	1955.9	1968.6	1966.9
42.5°	2249.8	2252.3	2240.5	2232.0	2212.5	2210.1	2198.1	2195.6	2191.4	2198.1	2191.4
45°	2487.9	2489.5	2463.3	2467.6	2452.3	2454.8	2436.2	2443.8	2433.7	2440.4	2453.2
47.5°	2753.9	2757.2	2734.4	2743.6	2728.4	2719.1	2718.2	2723.3	2712.3	2719.1	2722.5
50°	2995.2	2991.0	2979.2	2981.7	2974.9	2976.6	2966.4	2975.8	2963.1	2976.6	2974.9
52.5°	3209.5	3204.5	3202.0	3210.5	3204.5	3204.5	3198.5	3202.8	3204.5	3224.8	3229.0
55°	3469.6	3473.9	3478.1	3493.4	3500.1	3489.1	3500.1	3521.2	3522.2	3570.5	3596.7
57.5°	3887.3	3916.9	3932.1	3941.5	3981.2	3977.0	4002.4	4053.3	4058.3	4170.2	4235.3
60°	4615.8	4668.2	4718.2	4691.1	4771.6	4796.2	4811.4	4906.2	4936.0	5041.8	5098.5
62.5°	5535.6	5541.6	5619.5	5594.9	5640.7	5629.6	5648.3	5691.5	5730.5	5817.7	5871.1
65°	6177.7	6205.7	6236.2	6204.9	6203.9	6166.7	6143.0	6142.2	6165.9	6184.5	6243.8
67°	6352.2	6380.2	6387.8	6365.0	6331.9	6284.5	6240.4	6217.5	6202.3	6210.8	6248.0
67.5°	6350.6	6376.8	6386.1	6364.0	6318.3	6278.5	6231.9	6205.7	6185.4	6189.5	6220.9
70°	5989.6	6046.4	6076.9	6083.7	6077.7	6008.3	5968.5	5944.8	5927.9	5886.3	5883.8
72.5°	5074.8	5143.4	5167.2	5205.3	5222.2	5119.7	5076.5	5102.8	5043.5	4912.2	4918.1
75°	3726.3	3731.4	3651.7	3636.5	3579.8	3347.7	3278.1	3214.6	3113.0	2954.6	2805.5
77.5°	1942.4	1941.5	1850.1	1803.4	1735.6	1595.9	1589.1	1475.6	1396.0	1251.1	1198.7
80°	1379.9	1401.9	1432.4	1447.7	1423.9	1369.7	1295.1	1214.7	1122.4	1031.7	923.3
82.5°	1283.3	1296.9	1313.0	1253.7	1220.6	1144.4	1087.7	970.8	905.5	802.2	693.0
85°	624.2	665.8	633.6	596.4	583.6	456.6	441.3	368.5	334.6	275.3	256.7
87.5°	39.8	49.1	44.0	39.8	34.7	19.5	26.2	18.7	19.5	14.4	12.7
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8
2.5°	854.7	853.9	853.0	852.1	851.3	851.3	850.5	849.6	848.8	847.0	847.0
5°	870.8	870.8	869.9	868.3	868.3	866.5	864.0	863.2	863.2	861.5	859.8
7.5°	897.1	896.2	894.5	893.7	892.0	890.3	888.6	886.8	886.0	883.5	882.7
10°	936.9	935.1	931.0	929.2	928.4	926.7	925.0	923.3	920.7	919.1	918.2
12.5°	981.8	980.9	977.5	979.2	975.0	973.3	971.6	967.4	969.0	965.7	963.9
15°	1026.6	1027.5	1025.8	1025.8	1022.4	1019.9	1018.1	1014.8	1014.0	1012.2	1010.6
17.5°	1066.4	1068.2	1065.6	1063.9	1062.3	1060.5	1057.2	1053.8	1053.8	1050.4	1048.7
20°	1102.9	1104.6	1103.7	1102.1	1099.5	1098.7	1097.0	1094.4	1094.4	1092.7	1090.2
22.5°	1144.4	1145.3	1145.3	1144.4	1141.9	1142.7	1141.0	1138.4	1139.3	1136.0	1136.0
25°	1194.4	1196.1	1197.7	1198.7	1196.9	1197.7	1196.1	1194.4	1193.6	1194.4	1193.6
27.5°	1263.0	1264.7	1269.7	1265.5	1269.7	1270.6	1268.1	1264.7	1267.3	1271.5	1268.9
30°	1353.6	1351.9	1358.8	1359.6	1358.8	1359.6	1357.8	1355.3	1357.0	1364.7	1360.4
32.5°	1455.2	1458.7	1460.3	1462.1	1464.6	1468.0	1465.5	1462.9	1467.2	1464.6	1470.6
35°	1578.1	1585.7	1588.3	1585.7	1587.5	1593.4	1592.5	1593.4	1601.9	1593.4	1604.4
37.5°	1733.2	1740.7	1746.6	1743.3	1747.6	1747.6	1754.3	1773.0	1761.0	1776.3	1788.2
40°	1958.4	1970.3	1971.2	1970.3	1974.5	1979.6	1986.4	2006.7	1993.2	2009.2	2020.3
42.5°	2190.6	2205.0	2210.1	2201.6	2210.9	2221.9	2222.7	2240.5	2241.3	2243.9	2249.8
45°	2452.3	2465.0	2475.1	2470.9	2471.8	2486.2	2482.8	2499.7	2487.0	2487.0	2490.4
47.5°	2731.0	2742.8	2749.6	2756.4	2747.9	2760.6	2766.5	2763.2	2747.9	2744.6	2724.1
50°	2985.1	2995.2	3005.4	3024.0	3023.2	3029.1	3033.4	3018.1	3014.7	2996.1	2973.3
52.5°	3254.5	3280.7	3303.6	3342.6	3348.5	3368.8	3361.2	3335.8	3331.5	3301.0	3270.6
55°	3629.7	3705.1	3738.1	3798.2	3839.0	3838.1	3821.1	3816.9	3784.8	3723.7	3687.4
57.5°	4282.8	4400.5	4457.3	4535.2	4548.0	4540.3	4518.3	4479.4	4423.4	4320.9	4254.8
60°	5225.6	5298.4	5364.6	5383.2	5392.4	5378.1	5301.0	5214.6	5105.3	4963.8	4846.1
62.5°	5938.0	6012.5	6061.7	6054.1	5995.6	5921.9	5809.2	5664.4	5511.1	5352.6	5176.5
65°	6300.5	6331.9	6324.2	6265.0	6165.0	6036.3	5871.9	5693.2	5512.7	5325.6	5142.6
67°	6281.0	6281.9	6230.3	6115.0	5987.2	5825.4	5624.6	5429.7	5218.0	5021.5	4803.7
67.5°	6246.3	6242.9	6171.0	6044.8	5906.6	5739.8	5531.4	5329.8	5110.4	4912.2	4686.8
70°	5853.3	5805.9	5643.2	5441.7	5249.3	5024.0	4805.5	4574.2	4326.8	4156.6	3897.4
72.5°	4809.7	4649.6	4369.2	4158.3	3952.4	3657.7	3521.2	3234.1	3060.5	2952.0	2756.4
75°	2785.2	2651.3	2434.5	2237.1	2137.2	1962.7	1879.7	1668.7	1624.7	1623.0	1555.2
77.5°	1063.1	927.6	787.8	634.5	539.6	428.6	377.8	338.0	307.5	328.7	298.1
80°	797.1	655.6	512.4	372.7	266.0	196.5	168.6	155.9	148.2	142.3	138.0
82.5°	593.8	468.4	363.4	237.2	166.0	125.4	108.4	101.7	98.2	92.3	87.3
85°	200.7	160.9	127.0	88.1	69.4	56.8	52.5	50.8	48.3	44.0	41.6
87.5°	11.0	10.2	11.0	8.5	10.2	8.5	9.3	9.3	9.3	8.5	8.5
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°	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8	842.8
2.5°	846.2	846.2	846.2	844.6	842.0	836.9	831.8	827.6	823.3	820.8	819.2
5°	859.0	857.2	856.4	855.5	849.6	839.5	830.2	821.7	813.2	806.4	803.8
7.5°	881.8	878.4	877.6	875.0	867.4	852.1	838.7	825.1	813.2	803.8	799.7
10°	916.6	916.6	911.5	908.1	899.6	879.3	859.8	842.0	825.9	815.8	813.2
12.5°	960.6	960.6	956.4	953.8	943.6	917.4	893.7	872.5	857.2	847.0	846.2
15°	1006.3	1005.5	1002.1	998.7	987.7	959.7	936.1	917.4	904.7	892.8	889.4
17.5°	1046.9	1046.9	1042.8	1039.4	1028.4	1004.7	983.4	969.9	955.5	931.0	912.3
20°	1087.7	1088.5	1085.1	1081.8	1072.4	1052.0	1042.8	1029.2	997.0	943.6	899.6
22.5°	1132.5	1136.0	1131.7	1128.3	1120.7	1112.2	1108.8	1076.7	1008.9	923.3	859.0
25°	1190.2	1196.1	1191.0	1189.3	1185.1	1187.6	1177.4	1102.9	991.9	879.3	798.8
27.5°	1268.9	1268.9	1269.7	1269.7	1268.1	1277.4	1240.1	1103.7	954.6	822.5	726.8
30°	1361.2	1366.3	1364.7	1364.7	1371.4	1377.3	1274.8	1085.1	907.3	752.2	638.7
32.5°	1472.2	1476.5	1478.1	1470.6	1497.6	1467.2	1287.6	1051.2	848.8	665.0	533.7
35°	1606.0	1612.0	1616.3	1617.1	1634.8	1545.1	1280.8	1001.2	764.9	555.6	418.4
37.5°	1780.5	1792.4	1801.8	1806.0	1806.8	1611.1	1262.2	935.1	655.6	433.7	311.7
40°	2012.6	2025.4	2022.8	2031.3	1983.0	1650.1	1219.8	839.5	520.1	318.5	240.5
42.5°	2236.3	2237.9	2241.3	2233.8	2135.4	1670.5	1160.5	722.6	389.6	238.0	205.8
45°	2486.2	2471.8	2455.6	2443.8	2276.1	1678.0	1079.2	580.2	275.3	199.9	190.6
47.5°	2720.8	2701.3	2668.3	2634.4	2401.5	1666.2	975.0	434.5	209.2	183.0	180.4
50°	2951.2	2914.8	2868.2	2829.2	2521.8	1648.4	859.8	313.4	183.0	174.5	171.9
52.5°	3236.7	3175.6	3114.7	3063.8	2678.4	1620.4	738.7	238.0	171.9	167.8	164.4
55°	3628.0	3543.3	3445.1	3373.9	2891.1	1578.1	611.6	201.6	166.8	163.5	158.4
57.5°	4170.2	4043.1	3932.1	3816.1	3181.7	1534.9	502.3	187.3	166.0	160.9	154.2
60°	4724.1	4571.7	4430.2	4264.1	3478.1	1491.7	426.1	185.5	168.6	160.9	150.8
62.5°	5012.1	4854.6	4684.4	4515.8	3606.0	1390.1	373.6	188.1	174.5	163.5	150.8
65°	4946.1	4753.8	4581.0	4409.0	3457.7	1197.7	316.0	191.4	186.3	173.7	153.4
67°	4614.0	4413.3	4247.3	4082.9	3127.4	1002.9	271.1	194.8	199.1	185.5	158.4
67.5°	4497.1	4296.4	4132.8	3972.7	3029.9	962.3	260.1	196.5	201.6	188.9	160.1
70°	3728.8	3581.5	3407.8	3284.1	2453.2	712.4	213.5	199.9	216.9	208.4	167.8
72.5°	2683.5	2542.9	2412.4	2343.8	1806.8	498.0	179.6	196.5	226.2	219.4	171.1
75°	1426.4	1418.0	1370.6	1404.5	1118.1	325.3	158.4	183.8	216.0	200.7	159.3
77.5°	288.0	296.5	348.2	343.1	360.8	181.2	135.5	157.5	166.8	147.4	129.6
80°	133.9	131.3	128.7	130.5	127.9	116.1	110.2	123.6	116.1	94.9	86.4
82.5°	83.0	81.3	78.8	77.9	86.4	92.3	96.6	97.4	77.1	66.1	63.5
85°	39.8	39.8	39.0	40.6	50.8	75.4	81.3	72.0	51.7	47.5	44.9
87.5°	7.7	7.7	8.5	7.7	10.2	17.8	20.3	23.7	19.5	20.3	22.9
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: P151027

CATALOG NUMBER: VXS-F03-LED-E1-SL3-7060

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	842.8	842.8	842.8
2.5°	817.4	815.8	815.8
5°	800.5	799.7	799.7
7.5°	796.3	797.1	796.3
10°	812.3	811.5	814.9
12.5°	847.9	850.5	849.6
15°	885.2	886.8	886.8
17.5°	896.2	890.3	889.4
20°	867.4	856.4	853.9
22.5°	813.2	792.8	793.7
25°	744.6	720.0	721.7
27.5°	665.0	638.7	637.8
30°	569.2	540.4	526.0
32.5°	454.0	419.3	419.3
35°	341.3	313.4	303.2
37.5°	259.2	243.1	238.0
40°	216.0	208.4	206.7
42.5°	196.5	194.0	193.2
45°	186.3	184.7	183.8
47.5°	177.0	176.2	175.3
50°	170.3	169.4	168.6
52.5°	164.4	162.6	161.8
55°	155.9	155.9	155.9
57.5°	150.8	150.8	149.9
60°	145.7	144.9	144.9
62.5°	141.5	139.8	140.6
65°	139.0	136.4	136.4
67°	137.2	132.1	132.1
67.5°	137.2	130.5	130.5
70°	134.7	123.6	122.0
72.5°	132.1	116.1	113.5
75°	125.4	110.2	107.6
77.5°	107.6	98.2	96.6
80°	83.0	72.0	73.7
82.5°	60.1	51.7	50.8
85°	43.2	37.3	37.3
87.5°	22.9	19.5	20.3
90°	0.0	0.0	0.0

(END OF REPORT)