

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: P151019

Luminaire Tested: **VXS-E03-LED-E1-SL3-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P151019
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-E03-LED-E1-SL3-7030
Description: VISION SITE SMALL LED LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 W/ SPILL LIGHT CONTROL
Light Source: (63) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8319.3 lumens
Efficiency: N/A
Efficacy: 110.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 75.2
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

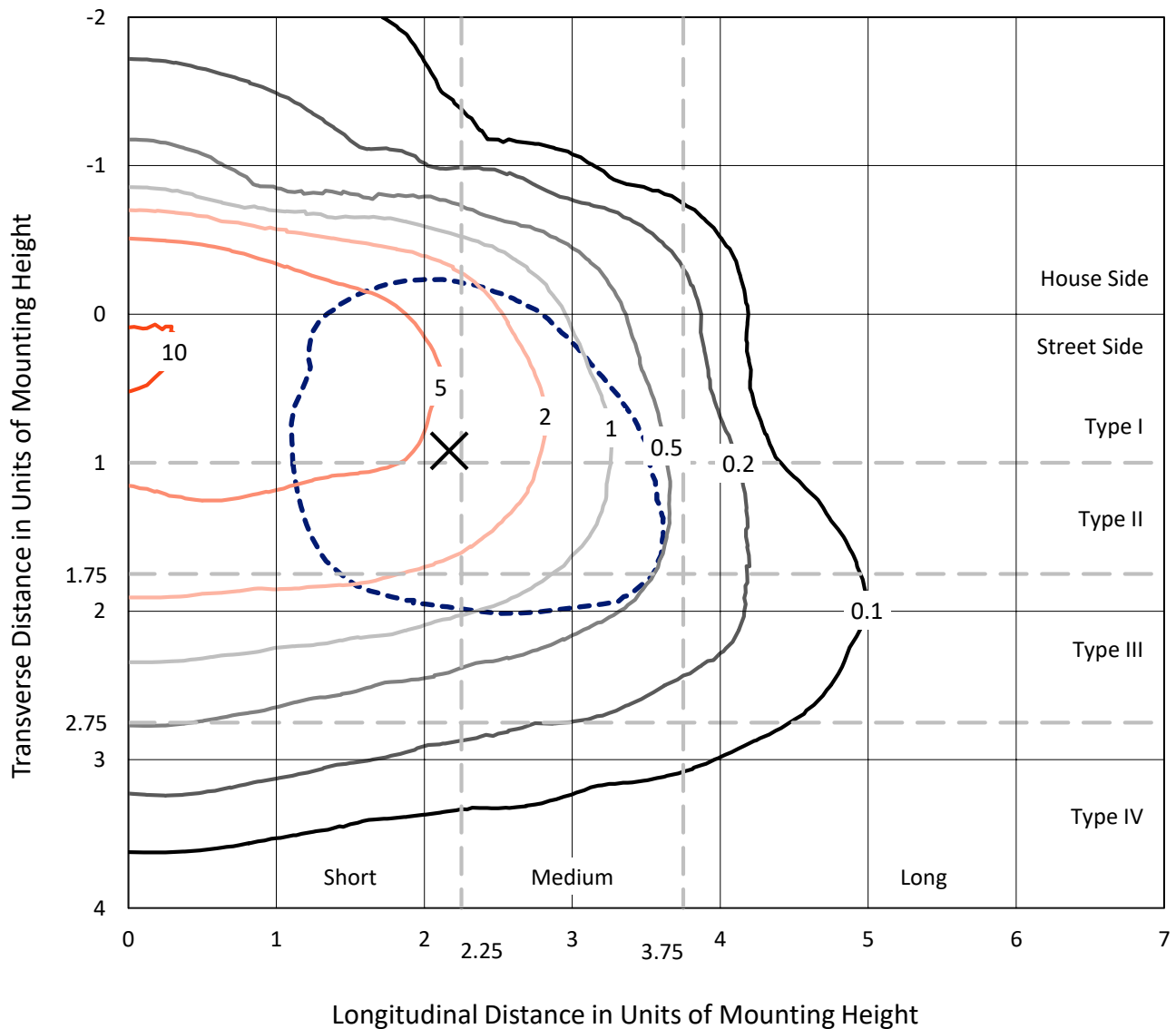


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

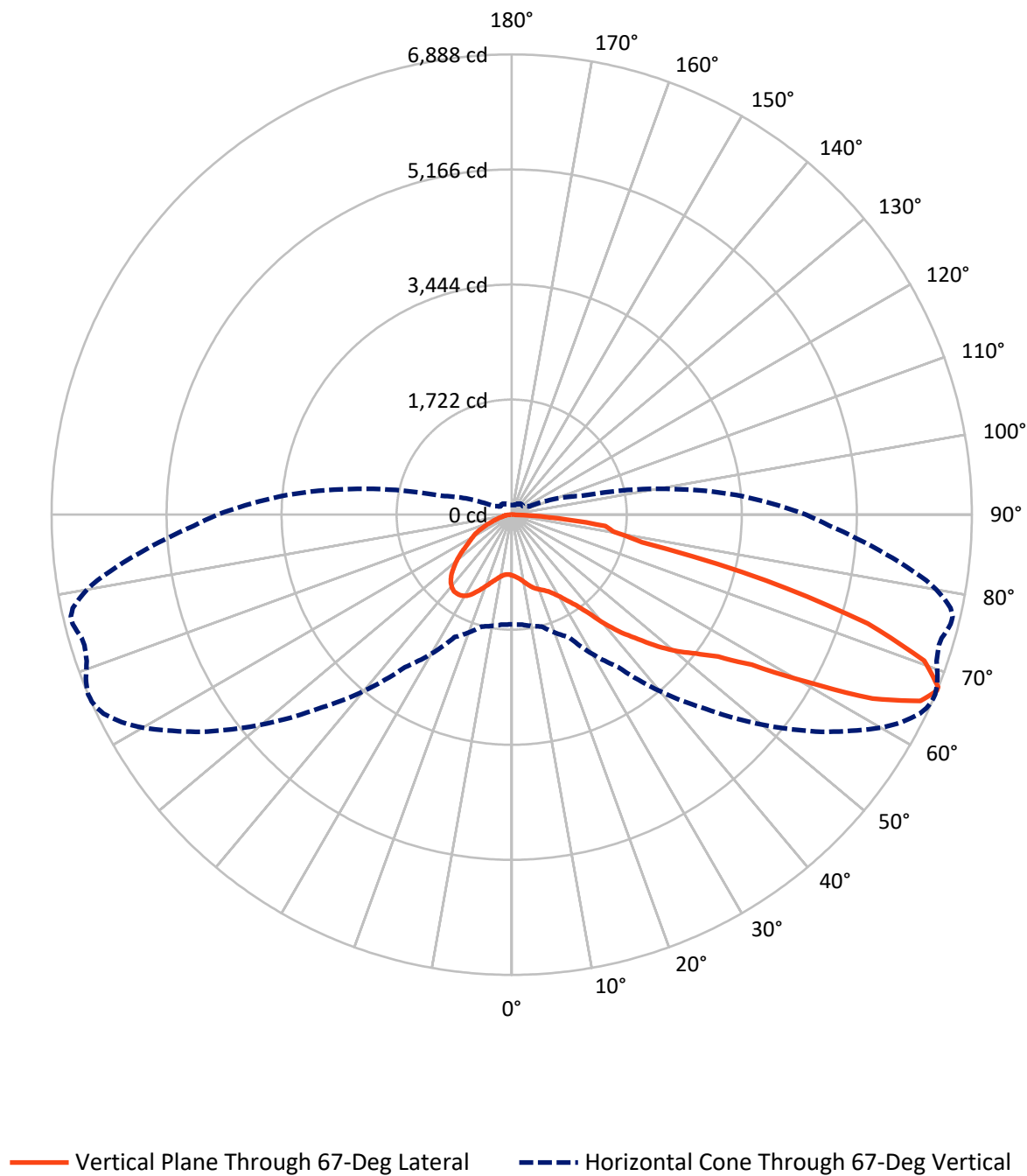


Based on 10 foot mounting height. Maximum calculated value = 11.6 fc
Type III - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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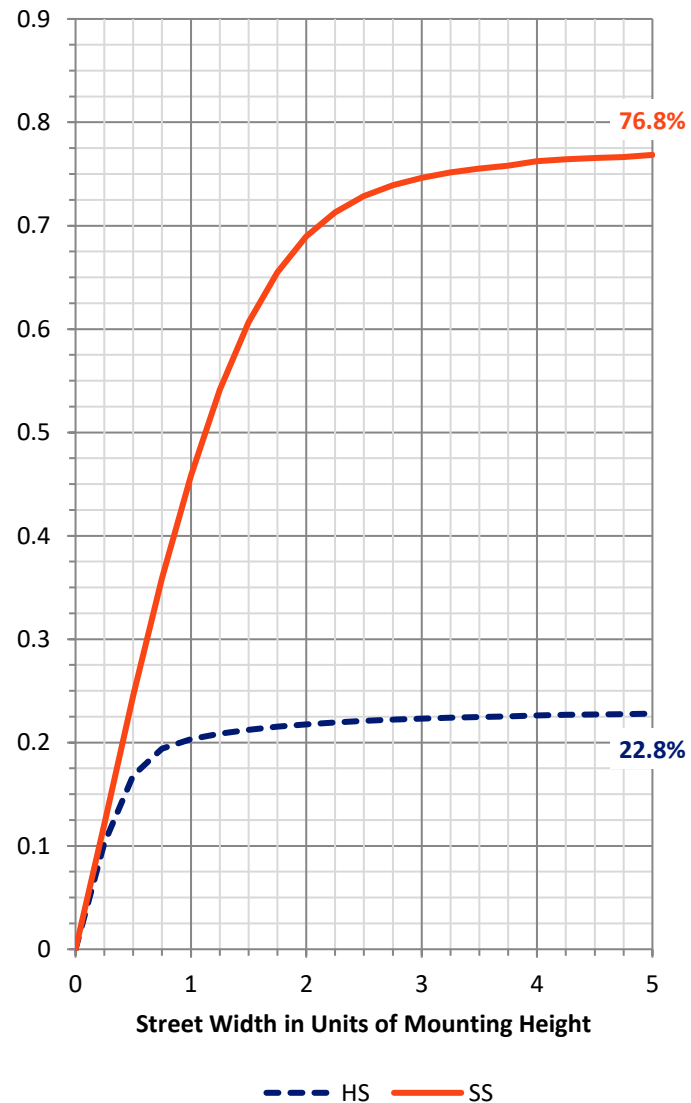
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1919.8	0.0	1919.8
	% Fixture	23.1	0.0	23.1
Street Side	Lumens	6399.5	0.0	6399.5
	% Fixture	76.9	0.0	76.9
Total	Lumens	8319.3	0.0	8319.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.5	1.1
10°-20°	310.2	3.7
20°-30°	547.8	6.6
30°-40°	786.3	9.5
40°-50°	1194.2	14.4
50°-60°	1758.3	21.1
60°-70°	2336.8	28.1
70°-80°	1143.2	13.7
80°-90°	151.8	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°	8319.3	100.0
0°-180°	8319.3	100.0

Coefficient of Utilization



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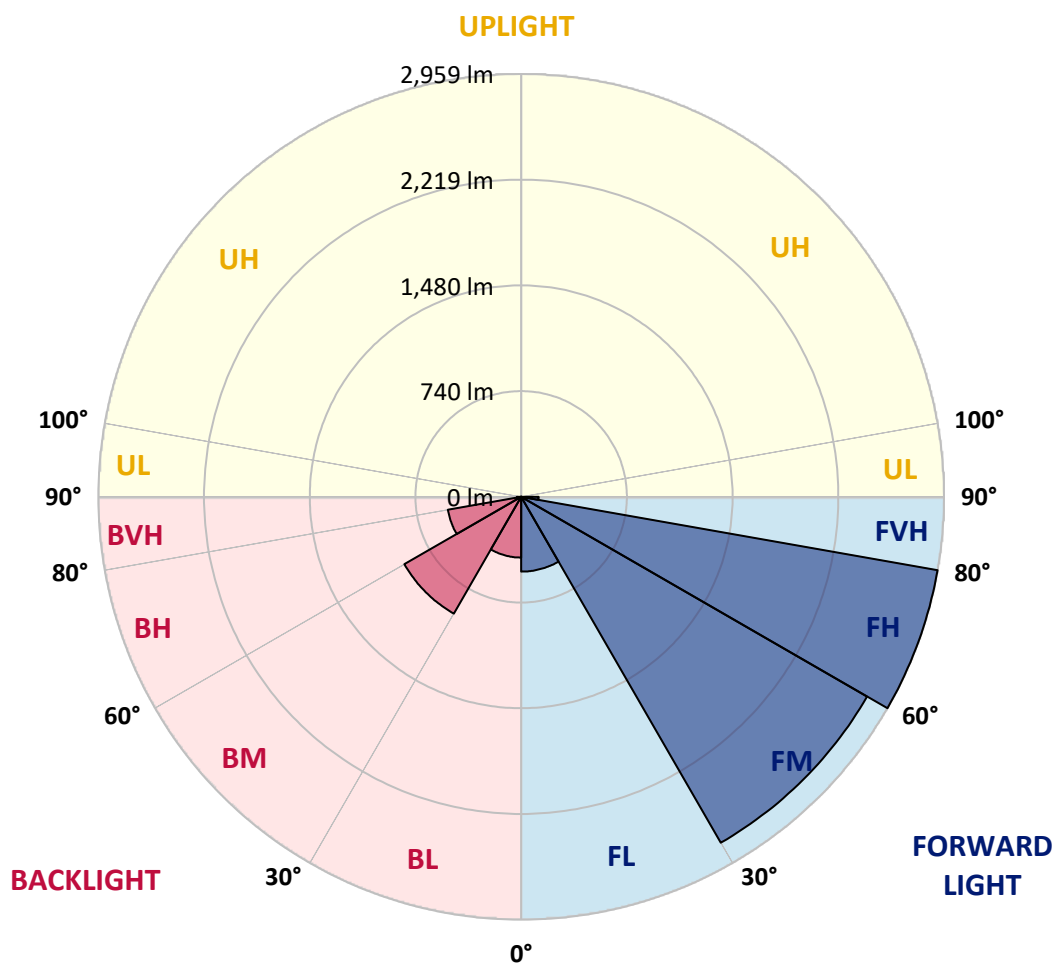
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	523.4	6.3			
FM	(30°-60°)	2795.1	33.6			
FH	(60°-80°)	2959.1	35.6			G2/5000
FVH	(80°-90°)	121.9	1.5			G2/225
BL	(0°-30°)	425.2	5.1	B1/500		
BM	(30°-60°)	943.8	11.3	B1/1000		
BH	(60°-80°)	520.9	6.3	B2/1000		G2/1000
BVH	(80°-90°)	29.9	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8
2.5°	951.7	952.6	950.8	949.8	944.5	939.0	935.2	930.7	930.7	930.7	928.9
5°	1005.6	1002.0	1004.7	998.3	987.4	977.3	967.3	959.1	957.2	957.2	953.6
7.5°	1070.5	1065.9	1064.0	1054.9	1038.4	1023.8	1003.7	995.5	991.0	989.1	987.4
10°	1149.0	1149.0	1137.1	1121.6	1099.7	1074.1	1052.2	1037.6	1036.7	1036.7	1028.4
12.5°	1229.3	1231.2	1215.6	1200.1	1164.6	1130.8	1105.2	1088.7	1087.8	1084.1	1079.6
15°	1303.3	1298.8	1288.7	1265.9	1226.6	1186.4	1154.5	1138.0	1134.4	1130.8	1128.0
17.5°	1364.6	1360.0	1347.2	1317.9	1276.9	1229.3	1190.1	1172.7	1170.9	1169.1	1165.4
20°	1402.9	1399.3	1381.0	1347.2	1304.2	1255.9	1213.9	1202.0	1198.3	1198.3	1196.5
22.5°	1424.9	1419.4	1392.8	1348.1	1306.1	1270.5	1235.8	1228.5	1225.7	1226.6	1226.6
25°	1435.8	1431.2	1393.8	1329.8	1289.6	1279.6	1265.0	1260.4	1261.3	1262.3	1264.0
27.5°	1437.6	1431.2	1387.4	1306.1	1268.6	1297.0	1307.0	1314.3	1314.3	1317.9	1324.4
30°	1423.9	1416.6	1374.6	1287.9	1259.5	1331.7	1371.8	1391.0	1398.3	1396.5	1411.1
32.5°	1400.2	1395.6	1361.8	1287.9	1285.1	1400.2	1471.4	1498.8	1502.5	1504.2	1520.7
35°	1391.9	1391.0	1376.4	1331.7	1364.6	1520.7	1629.4	1650.5	1655.0	1655.0	1666.8
37.5°	1390.2	1394.7	1411.1	1413.9	1504.2	1699.8	1842.2	1874.2	1874.2	1883.3	1883.3
40°	1390.2	1400.2	1462.3	1536.3	1675.1	1932.6	2129.9	2166.4	2166.4	2176.5	2171.0
42.5°	1444.0	1458.7	1560.9	1701.6	1890.7	2172.8	2399.4	2440.5	2443.2	2440.5	2448.7
45°	1549.9	1562.7	1686.9	1888.8	2112.5	2430.5	2656.9	2706.2	2696.2	2702.6	2705.4
47.5°	1690.6	1710.7	1852.2	2093.4	2329.0	2668.8	2945.6	2990.3	2986.6	2989.4	2977.5
50°	1840.4	1861.5	2019.4	2296.2	2544.6	2860.6	3177.5	3244.2	3237.8	3242.4	3248.8
52.5°	1972.8	1985.6	2138.1	2448.7	2708.1	3039.6	3355.6	3438.8	3453.4	3455.2	3459.8
55°	2051.4	2066.9	2206.6	2524.5	2826.8	3215.0	3559.3	3685.4	3713.7	3721.0	3741.0
57.5°	2078.8	2095.2	2222.2	2535.4	2891.7	3379.4	3843.4	4065.3	4089.1	4128.4	4192.2
60°	2077.8	2095.2	2205.7	2510.8	2957.4	3583.1	4285.4	4657.2	4777.7	4817.9	4909.2
62.5°	1993.0	2013.1	2125.4	2435.9	3041.5	3843.4	4943.0	5514.8	5670.1	5743.1	5841.8
65°	1806.6	1821.2	1926.2	2245.9	3017.7	4100.0	5492.8	6206.2	6347.8	6454.6	6630.9
67°	1641.2	1650.5	1732.6	2021.2	2785.7	4109.1	5666.4	6377.9	6501.2	6614.5	6796.3
67.5°	1599.3	1618.4	1682.4	1952.7	2699.0	4057.1	5654.5	6351.4	6477.5	6595.3	6787.2
70°	1301.6	1328.9	1360.9	1542.7	2121.8	3413.2	5235.3	5893.0	6003.4	6113.1	6380.6
72.5°	802.8	852.1	858.5	973.7	1381.0	2359.2	4236.2	4969.5	5052.6	5131.2	5405.2
75°	473.2	480.4	503.2	596.4	810.2	1410.3	2842.4	3691.8	3768.5	3806.8	4021.5
77.5°	263.9	271.3	290.5	370.8	622.9	949.8	1655.0	2169.2	2215.8	2264.1	2229.5
80°	109.6	119.7	128.8	149.7	291.4	749.8	1138.0	1379.2	1409.3	1437.6	1473.3
82.5°	53.0	56.6	69.4	79.5	105.9	307.8	892.3	1195.5	1231.2	1272.3	1355.4
85°	24.7	27.4	38.3	45.7	51.2	77.6	298.7	581.8	631.1	640.2	656.7
87.5°	1.9	1.9	4.6	6.4	9.1	10.1	31.1	43.8	49.3	44.8	56.6
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8
2.5°	928.0	927.0	925.2	925.2	924.4	924.4	924.4	922.5	922.5	922.5	921.6
5°	952.6	951.7	949.0	949.0	947.2	947.2	944.5	943.5	941.7	941.7	940.7
7.5°	984.6	983.6	980.0	980.0	977.3	976.4	974.5	971.8	971.8	969.9	968.2
10°	1028.4	1025.7	1024.8	1020.2	1021.1	1019.3	1017.5	1014.7	1013.0	1011.1	1009.2
12.5°	1077.7	1077.7	1073.2	1070.5	1072.2	1070.5	1066.8	1065.9	1063.1	1063.1	1060.4
15°	1124.4	1124.4	1122.5	1118.9	1119.8	1117.0	1116.2	1114.3	1110.7	1111.5	1110.7
17.5°	1164.6	1164.6	1161.8	1160.0	1160.0	1157.2	1158.1	1156.3	1154.5	1153.6	1150.8
20°	1196.5	1196.5	1194.6	1192.8	1193.8	1193.8	1191.0	1191.0	1191.0	1189.2	1189.2
22.5°	1227.6	1228.5	1228.5	1228.5	1229.3	1230.3	1229.3	1231.2	1230.3	1232.1	1232.1
25°	1268.6	1271.4	1273.2	1273.2	1277.8	1278.7	1279.6	1282.4	1282.4	1285.1	1286.0
27.5°	1329.8	1331.7	1339.0	1340.8	1341.8	1349.0	1349.9	1353.6	1357.2	1358.1	1359.1
30°	1413.9	1418.4	1423.9	1427.6	1427.6	1436.7	1440.3	1438.5	1448.6	1451.3	1454.9
32.5°	1526.2	1529.8	1535.3	1539.0	1542.7	1547.3	1548.1	1552.7	1560.9	1568.2	1563.6
35°	1667.8	1676.9	1667.8	1677.8	1680.5	1686.9	1685.2	1690.6	1694.3	1697.0	1696.1
37.5°	1873.3	1868.7	1866.8	1863.2	1856.9	1878.8	1867.8	1866.8	1861.5	1876.9	1866.8
40°	2143.6	2146.4	2149.1	2134.5	2126.3	2126.3	2123.5	2113.5	2108.9	2122.6	2120.8
42.5°	2425.9	2428.6	2415.9	2406.6	2385.7	2382.9	2370.2	2367.4	2362.8	2370.2	2362.8
45°	2682.5	2684.4	2656.1	2660.6	2644.1	2646.8	2626.8	2635.0	2624.0	2631.4	2645.1
47.5°	2969.3	2973.0	2948.3	2958.3	2941.9	2931.8	2931.0	2936.4	2924.6	2931.8	2935.5
50°	3229.6	3225.1	3212.2	3215.0	3207.7	3209.5	3198.5	3208.6	3194.9	3209.5	3207.7
52.5°	3460.7	3455.2	3452.4	3461.6	3455.2	3455.2	3448.8	3453.4	3455.2	3477.1	3481.7
55°	3741.0	3745.7	3750.3	3766.6	3774.0	3762.1	3774.0	3796.8	3797.7	3849.7	3878.1
57.5°	4191.4	4223.3	4239.8	4249.8	4292.7	4288.2	4315.5	4370.4	4375.9	4496.4	4566.7
60°	4976.9	5033.5	5087.4	5058.1	5144.9	5171.4	5187.9	5290.2	5322.1	5436.3	5497.4
62.5°	5968.7	5975.1	6059.2	6032.6	6082.0	6070.2	6090.3	6136.8	6178.9	6272.8	6330.5
65°	6661.0	6691.2	6724.0	6690.3	6689.3	6649.2	6623.6	6622.7	6648.3	6668.4	6732.3
67°	6849.2	6879.4	6887.6	6862.9	6827.3	6776.2	6728.6	6704.0	6687.6	6696.7	6736.9
67.5°	6847.4	6875.8	6885.7	6862.0	6812.6	6769.7	6719.5	6691.2	6669.3	6673.9	6707.7
70°	6458.3	6519.5	6552.3	6559.7	6553.3	6478.4	6435.4	6409.8	6391.6	6346.8	6344.1
72.5°	5471.9	5545.9	5571.4	5612.5	5630.8	5520.3	5473.7	5502.1	5438.1	5296.5	5302.9
75°	4017.8	4023.3	3937.4	3921.0	3859.8	3609.5	3534.7	3466.1	3356.6	3185.8	3025.0
77.5°	2094.3	2093.4	1994.7	1944.6	1871.5	1720.7	1713.5	1591.1	1505.2	1349.0	1292.4
80°	1487.9	1511.6	1544.5	1560.9	1535.3	1476.9	1396.5	1309.7	1210.2	1112.4	995.5
82.5°	1383.7	1398.3	1415.6	1351.7	1316.2	1233.9	1172.7	1046.7	976.4	865.0	747.2
85°	673.2	717.9	683.2	643.0	629.3	492.3	475.9	397.3	360.7	296.8	276.8
87.5°	42.9	53.0	47.5	42.9	37.4	21.0	28.3	20.1	21.0	15.5	13.7
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°	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8
2.5°	921.6	920.6	919.8	918.9	917.9	917.9	917.0	916.1	915.1	913.4	913.4
5°	939.0	939.0	938.0	936.2	936.2	934.4	931.6	930.7	930.7	928.9	927.0
7.5°	967.3	966.3	964.5	963.6	961.8	959.9	958.1	956.3	955.3	952.6	951.7
10°	1010.2	1008.3	1003.7	1002.0	1001.0	999.2	997.4	995.5	992.8	991.0	990.1
12.5°	1058.5	1057.6	1054.0	1055.9	1051.3	1049.4	1047.6	1043.0	1044.9	1041.2	1039.4
15°	1106.9	1107.9	1106.1	1106.1	1102.4	1099.7	1097.8	1094.2	1093.3	1091.5	1089.6
17.5°	1149.9	1151.7	1149.0	1147.2	1145.4	1143.5	1139.9	1136.2	1136.2	1132.5	1130.8
20°	1189.2	1191.0	1190.1	1188.3	1185.5	1184.7	1182.8	1180.0	1180.0	1178.2	1175.4
22.5°	1233.9	1234.8	1234.8	1233.9	1231.2	1232.1	1230.3	1227.6	1228.5	1224.8	1224.8
25°	1287.9	1289.6	1291.5	1292.4	1290.6	1291.5	1289.6	1287.9	1286.9	1287.9	1286.9
27.5°	1361.8	1363.6	1369.1	1364.6	1369.1	1370.1	1367.3	1363.6	1366.3	1371.0	1368.2
30°	1459.6	1457.7	1465.0	1465.9	1465.0	1465.9	1464.1	1461.3	1463.2	1471.4	1466.8
32.5°	1569.1	1572.7	1574.6	1576.5	1579.2	1582.8	1580.1	1577.3	1582.0	1579.2	1585.6
35°	1701.6	1709.7	1712.5	1709.7	1711.6	1718.0	1717.1	1718.0	1727.2	1718.0	1729.8
37.5°	1868.7	1876.9	1883.3	1879.7	1884.2	1884.2	1891.5	1911.6	1898.9	1915.3	1928.1
40°	2111.7	2124.5	2125.4	2124.5	2129.0	2134.5	2141.8	2163.7	2149.1	2166.4	2178.3
42.5°	2362.0	2377.4	2382.9	2373.8	2383.8	2395.8	2396.6	2415.9	2416.7	2419.5	2425.9
45°	2644.1	2657.8	2668.8	2664.2	2665.2	2680.7	2677.0	2695.3	2681.6	2681.6	2685.3
47.5°	2944.7	2957.4	2964.8	2972.0	2962.9	2976.6	2983.0	2979.4	2962.9	2959.3	2937.3
50°	3218.7	3229.6	3240.5	3260.6	3259.8	3266.1	3270.7	3254.3	3250.6	3230.6	3205.9
52.5°	3509.1	3537.4	3562.1	3604.0	3610.5	3632.4	3624.1	3596.8	3592.2	3559.3	3526.4
55°	3913.7	3995.0	4030.6	4095.4	4139.3	4138.3	4120.1	4115.5	4080.8	4015.1	3975.9
57.5°	4617.9	4744.9	4806.0	4890.1	4903.7	4895.5	4871.8	4829.8	4769.5	4659.0	4587.8
60°	5634.5	5713.1	5784.2	5804.4	5814.4	5798.9	5715.8	5622.6	5504.8	5352.2	5225.3
62.5°	6402.6	6483.0	6536.0	6527.7	6464.7	6385.2	6263.7	6107.6	5942.3	5771.5	5581.5
65°	6793.5	6827.3	6819.1	6755.1	6647.4	6508.5	6331.3	6138.7	5944.0	5742.3	5545.0
67°	6772.5	6773.4	6717.7	6593.5	6455.5	6281.1	6064.7	5854.6	5626.2	5414.3	5179.6
67.5°	6735.0	6731.4	6653.8	6517.6	6368.8	6188.9	5964.1	5746.8	5510.3	5296.5	5053.6
70°	6311.3	6260.1	6084.8	5867.4	5660.0	5417.1	5181.5	4932.1	4665.4	4481.8	4202.3
72.5°	5186.0	5013.4	4711.1	4483.6	4261.7	3943.8	3796.8	3487.2	3299.9	3183.0	2972.0
75°	3003.1	2858.8	2625.0	2412.1	2304.4	2116.3	2026.7	1799.3	1751.8	1749.9	1676.9
77.5°	1146.2	1000.1	849.4	684.1	581.8	462.2	407.4	364.5	331.5	354.4	321.5
80°	859.5	706.9	552.5	401.9	286.8	211.9	181.8	168.1	159.8	153.5	148.9
82.5°	640.2	505.1	391.8	255.8	179.1	135.1	116.9	109.6	105.9	99.6	94.1
85°	216.5	173.6	137.0	95.0	74.9	61.2	56.6	54.8	52.0	47.5	44.8
87.5°	11.9	11.0	11.9	9.1	11.0	9.1	10.1	10.1	10.1	9.1	9.1
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-E03-LED-E1-SL3-7030

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8	908.8
2.5°	912.4	912.4	912.4	910.6	907.9	902.4	896.9	892.3	887.8	885.1	883.2
5°	926.1	924.4	923.4	922.5	916.1	905.2	895.1	885.9	876.8	869.5	866.7
7.5°	950.8	947.2	946.2	943.5	935.2	918.9	904.2	889.6	876.8	866.7	862.2
10°	988.3	988.3	982.8	979.1	969.9	948.1	927.0	907.9	890.5	879.6	876.8
12.5°	1035.8	1035.8	1031.2	1028.4	1017.5	989.1	963.6	940.7	924.4	913.4	912.4
15°	1085.1	1084.1	1080.5	1076.9	1065.0	1034.8	1009.2	989.1	975.4	962.7	959.1
17.5°	1128.9	1128.9	1124.4	1120.7	1108.8	1083.2	1060.4	1045.8	1030.3	1003.7	983.6
20°	1172.7	1173.7	1170.1	1166.3	1156.3	1134.4	1124.4	1109.7	1075.0	1017.5	969.9
22.5°	1221.1	1224.8	1220.2	1216.6	1208.4	1199.3	1195.5	1160.8	1087.8	995.5	926.1
25°	1283.2	1289.6	1284.1	1282.4	1277.8	1280.5	1269.5	1189.2	1069.5	948.1	861.2
27.5°	1368.2	1368.2	1369.1	1369.1	1367.3	1377.3	1337.1	1190.1	1029.3	886.8	783.6
30°	1467.8	1473.3	1471.4	1471.4	1478.8	1485.1	1374.6	1170.1	978.2	811.1	688.7
32.5°	1587.4	1592.0	1593.8	1585.6	1614.8	1582.0	1388.3	1133.5	915.1	717.0	575.4
35°	1731.7	1738.1	1742.7	1743.6	1762.8	1665.9	1381.0	1079.6	824.8	599.2	451.2
37.5°	1919.9	1932.6	1942.7	1947.3	1948.2	1737.2	1360.9	1008.3	706.9	467.7	336.1
40°	2170.2	2183.8	2181.0	2190.3	2138.1	1779.2	1315.2	905.2	560.8	343.4	259.4
42.5°	2411.3	2413.1	2416.7	2408.5	2302.6	1801.1	1251.3	779.1	420.1	256.7	222.0
45°	2680.7	2665.2	2647.8	2635.0	2454.2	1809.3	1163.6	625.6	296.8	215.5	205.5
47.5°	2933.7	2912.6	2877.1	2840.5	2589.3	1796.6	1051.3	468.5	225.6	197.3	194.5
50°	3182.1	3142.8	3092.6	3050.6	2719.1	1777.4	927.0	337.9	197.3	188.2	185.4
52.5°	3489.9	3424.1	3358.3	3303.6	2888.0	1747.3	796.5	256.7	185.4	180.8	177.2
55°	3911.9	3820.5	3714.6	3637.8	3117.3	1701.6	659.5	217.4	179.9	176.3	170.8
57.5°	4496.4	4359.4	4239.8	4114.6	3430.6	1655.0	541.7	201.9	179.1	173.6	166.2
60°	5093.8	4929.3	4776.8	4597.8	3750.3	1608.4	459.4	200.0	181.8	173.6	162.6
62.5°	5404.2	5234.4	5050.8	4869.1	3888.1	1498.8	402.8	202.8	188.2	176.3	162.6
65°	5333.1	5125.7	4939.4	4754.0	3728.3	1291.5	340.7	206.4	200.9	187.3	165.3
67°	4975.0	4758.5	4579.6	4402.4	3372.1	1081.5	292.2	210.1	214.6	200.0	170.8
67.5°	4849.0	4632.5	4456.3	4283.6	3267.0	1037.6	280.4	211.9	217.4	203.6	172.6
70°	4020.5	3861.7	3674.4	3541.0	2645.1	768.1	230.2	215.5	233.8	224.7	180.8
72.5°	2893.5	2741.9	2601.2	2527.3	1948.2	537.1	193.7	211.9	243.8	236.6	184.5
75°	1538.0	1528.9	1477.8	1514.3	1205.6	350.8	170.8	198.2	233.0	216.5	171.7
77.5°	310.6	319.7	375.3	369.9	389.1	195.4	146.1	169.8	179.9	159.0	139.8
80°	144.4	141.6	138.9	140.6	137.9	125.1	118.8	133.4	125.1	102.3	93.2
82.5°	89.5	87.7	85.0	84.0	93.2	99.6	104.1	105.1	83.1	71.2	68.5
85°	42.9	42.9	42.0	43.8	54.8	81.2	87.7	77.6	55.8	51.2	48.4
87.5°	8.2	8.2	9.1	8.2	11.0	19.2	22.0	25.6	21.0	22.0	24.7
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):

	165°	175°	180°
0°	908.8	908.8	908.8
2.5°	881.3	879.6	879.6
5°	863.1	862.2	862.2
7.5°	858.5	859.5	858.5
10°	875.9	875.0	878.7
12.5°	914.3	917.0	916.1
15°	954.4	956.3	956.3
17.5°	966.3	959.9	959.1
20°	935.2	923.4	920.6
22.5°	876.8	854.9	855.9
25°	802.8	776.4	778.1
27.5°	717.0	688.7	687.8
30°	613.8	582.7	567.2
32.5°	489.5	452.1	452.1
35°	368.1	337.9	326.9
37.5°	279.5	262.2	256.7
40°	233.0	224.7	222.9
42.5°	211.9	209.1	208.3
45°	200.9	199.1	198.2
47.5°	190.9	189.9	189.0
50°	183.6	182.7	181.8
52.5°	177.2	175.3	174.4
55°	168.1	168.1	168.1
57.5°	162.6	162.6	161.7
60°	157.1	156.2	156.2
62.5°	152.5	150.7	151.6
65°	149.7	147.0	147.0
67°	148.0	142.5	142.5
67.5°	148.0	140.6	140.6
70°	145.2	133.4	131.5
72.5°	142.5	125.1	122.4
75°	135.1	118.8	116.0
77.5°	116.0	105.9	104.1
80°	89.5	77.6	79.5
82.5°	64.9	55.8	54.8
85°	46.6	40.2	40.2
87.5°	24.7	21.0	22.0
90°	0.0	0.0	0.0

(END OF REPORT)