

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: P149896

Luminaire Tested: **VXS-F04-LED-E1-SL2-7050**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P149896
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-F04-LED-E1-SL2-7050
Description: VISION SITE SMALL LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (28) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10351.6 lumens
Efficiency: N/A
Efficacy: 101.3 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): 102.2
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

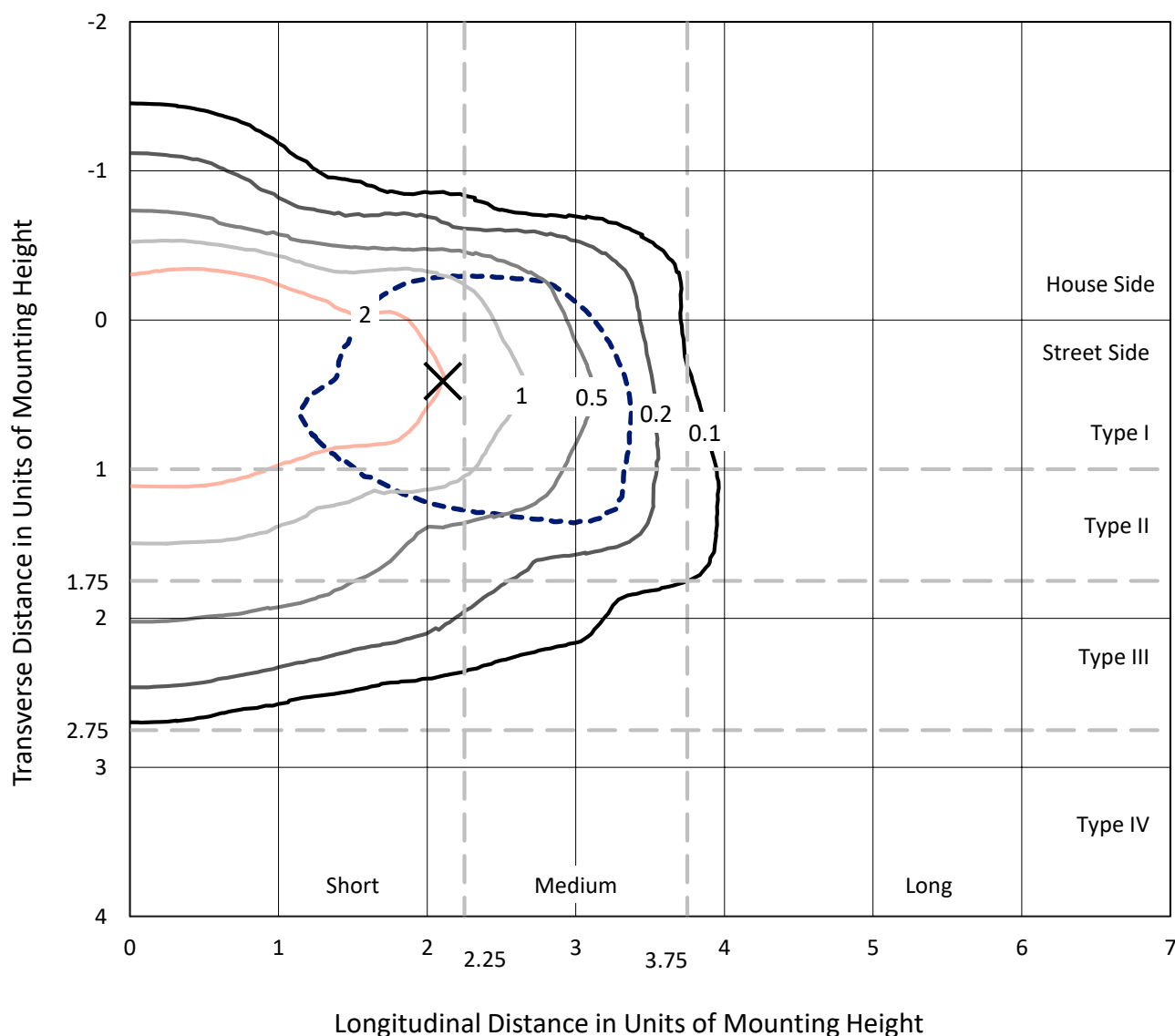


REPORT NUMBER: P149896

CATALOG NUMBER: VXS-F04-LED-E1-SL2-7050

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

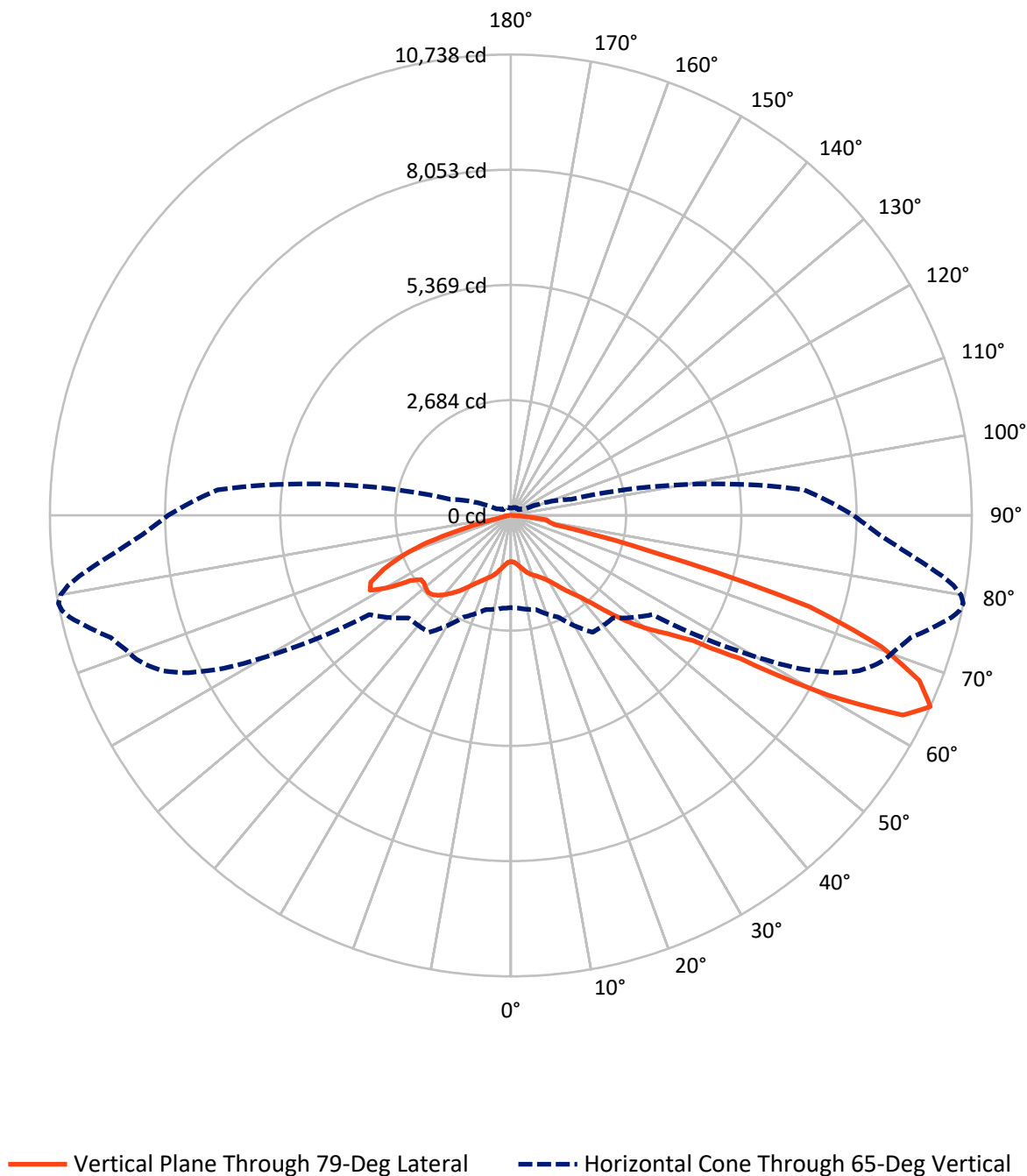


Based on 20 foot mounting height. Maximum calculated value = 3.6 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P149896

CATALOG NUMBER: VXS-F04-LED-E1-SL2-7050

Luminous Intensity Polar Plot



REPORT NUMBER: P149896

CATALOG NUMBER: VXS-F04-LED-E1-SL2-7050

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2447.1	0.0	2447.1
	% Fixture	23.6	0.0	23.6
Street Side	Lumens	7904.5	0.0	7904.5
	% Fixture	76.4	0.0	76.4
Total	Lumens	10351.6	0.0	10351.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.1	1.0
10°-20°	350.2	3.4
20°-30°	604.9	5.8
30°-40°	1001.3	9.7
40°-50°	1698.2	16.4
50°-60°	2256.4	21.8
60°-70°	2914.7	28.2
70°-80°	1222.4	11.8
80°-90°	196.4	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°	10351.6	100.0
0°-180°	10351.6	100.0

Coefficient of Utilization



REPORT NUMBER: P149896

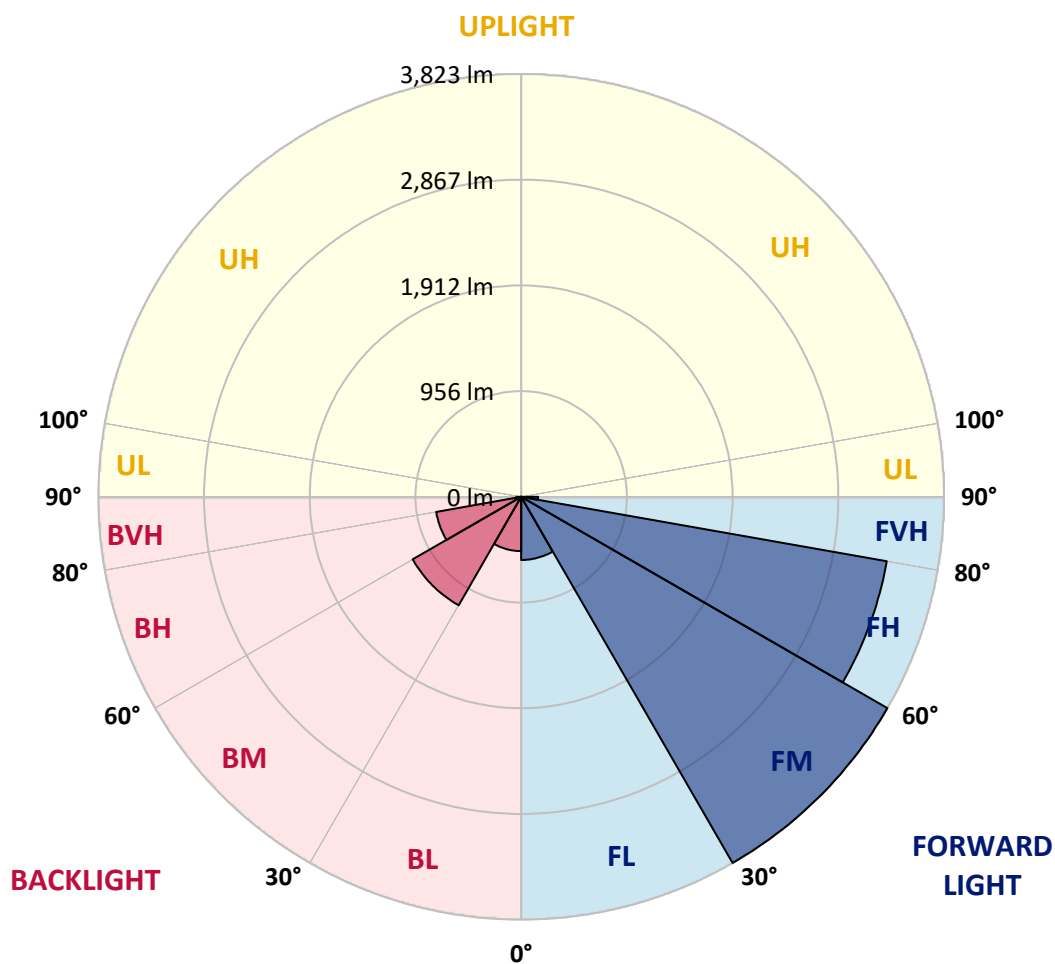
CATALOG NUMBER: VXS-F04-LED-E1-SL2-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	571.2	5.5			
FM	(30°-60°)	3823.1	36.9			
FH	(60°-80°)	3356.6	32.4			G2/5000
FVH	(80°-90°)	153.5	1.5			G2/225
BL	(0°-30°)	491.1	4.7	B1/500		
BM	(30°-60°)	1132.8	10.9	B2/2500		
BH	(60°-80°)	780.5	7.5	B2/1000		G2/1000
BVH	(80°-90°)	42.8	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



REPORT NUMBER: P149896

CATALOG NUMBER: VXS-F04-LED-E1-SL2-7050

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5
2.5°	1074.1	1077.5	1075.2	1077.5	1079.7	1080.8	1083.1	1082.0	1082.0	1083.1	1080.8
5°	1074.1	1074.1	1077.5	1083.1	1085.4	1092.1	1100.1	1099.0	1100.1	1099.0	1101.2
7.5°	1096.7	1095.5	1099.0	1105.7	1108.0	1118.1	1131.7	1134.0	1136.2	1136.2	1139.6
10°	1136.2	1135.1	1138.4	1141.9	1145.3	1153.2	1172.3	1180.2	1181.3	1182.5	1187.0
12.5°	1185.9	1184.8	1180.2	1180.2	1179.2	1193.8	1219.8	1234.5	1236.7	1241.2	1244.7
15°	1220.9	1217.5	1210.8	1206.2	1211.9	1235.6	1274.0	1291.0	1293.2	1296.6	1305.6
17.5°	1254.8	1251.4	1236.7	1225.4	1233.4	1271.7	1323.7	1341.8	1346.3	1349.6	1359.8
20°	1302.3	1300.0	1278.5	1251.4	1249.1	1298.9	1362.1	1385.8	1389.2	1393.7	1403.9
22.5°	1374.5	1364.4	1339.5	1288.7	1263.8	1314.6	1389.2	1422.0	1426.4	1431.0	1444.6
25°	1464.9	1460.3	1417.4	1339.5	1287.6	1330.5	1418.5	1459.3	1466.0	1471.6	1489.7
27.5°	1558.7	1551.8	1505.5	1403.9	1329.3	1362.1	1464.9	1511.2	1520.2	1529.2	1546.2
30°	1642.2	1639.9	1601.6	1490.9	1397.1	1422.0	1539.4	1595.9	1606.0	1617.3	1633.2
32.5°	1838.8	1839.9	1800.3	1687.4	1560.8	1530.4	1646.7	1731.4	1736.0	1749.5	1777.7
35°	2214.8	2219.4	2204.7	2115.4	1973.2	1847.8	1859.1	1942.6	1947.2	1958.4	1985.6
37.5°	2466.7	2475.8	2520.9	2549.1	2476.9	2419.3	2275.9	2243.0	2246.4	2239.7	2234.0
40°	2605.6	2619.2	2737.7	2884.6	2963.6	2964.8	2902.7	2758.0	2702.7	2686.9	2619.2
42.5°	2684.7	2707.3	2875.5	3126.3	3353.3	3509.1	3547.6	3387.2	3346.5	3274.2	3144.4
45°	2736.6	2763.7	2962.5	3305.8	3640.2	3905.6	4105.5	4034.3	4007.3	3963.2	3843.4
47.5°	2727.6	2749.0	2955.8	3366.8	3790.4	4167.6	4522.3	4595.6	4562.9	4551.6	4470.3
50°	2562.7	2581.9	2791.9	3215.5	3708.0	4267.0	4786.5	4994.4	4994.4	5015.9	4991.0
52.5°	2386.5	2402.3	2593.2	2973.8	3441.3	4169.8	4933.4	5277.8	5323.0	5360.3	5419.1
55°	2319.9	2339.1	2483.6	2808.9	3214.4	3892.0	4983.1	5490.2	5573.8	5637.0	5770.3
57.5°	2351.5	2370.7	2473.5	2719.7	3081.1	3608.5	4985.3	5776.0	5937.4	6067.4	6337.3
60°	2488.2	2506.2	2592.0	2802.2	3046.1	3444.8	4889.3	6231.1	6488.6	6732.5	7182.1
62.5°	2424.9	2447.5	2572.8	2938.8	3306.9	3320.5	4542.6	6583.5	6997.9	7358.2	8073.2
65°	2148.2	2171.9	2270.2	2612.3	3322.8	3374.7	4028.7	6590.3	7105.3	7592.0	8363.4
67.5°	1630.9	1639.9	1717.8	1992.3	2657.5	3434.6	3500.1	5809.8	6300.0	6843.2	7639.5
70°	833.5	849.3	871.9	1100.1	1711.1	2838.2	3007.7	4281.7	4906.2	5467.6	6424.2
72.5°	289.1	294.8	317.4	420.1	833.5	1862.5	2632.7	2934.3	3311.5	3836.7	4944.7
75°	173.9	173.9	181.9	212.3	380.6	970.2	2342.5	2396.7	2447.5	2623.6	3348.8
77.5°	137.8	140.0	140.0	145.7	211.2	498.0	1778.9	2228.4	2235.1	2252.1	2374.1
80°	98.2	102.8	111.8	116.4	136.7	273.4	998.4	1956.2	2089.4	2153.8	2243.0
82.5°	73.4	77.9	94.9	100.5	106.2	152.4	448.4	1349.6	1592.5	1721.2	2035.2
85°	32.7	38.4	64.4	71.2	74.5	81.3	210.1	384.0	441.7	495.9	654.0
87.5°	5.6	5.6	10.2	14.7	21.5	20.3	46.3	65.5	66.6	77.9	86.9
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: P149896

CATALOG NUMBER: VXS-F04-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5
2.5°	1080.8	1080.8	1080.8	1079.7	1080.8	1080.8	1080.8	1080.8	1082.0	1082.0	1082.0
5°	1104.6	1102.3	1103.4	1103.4	1103.4	1102.3	1104.6	1103.4	1104.6	1108.0	1106.8
7.5°	1139.6	1141.9	1143.0	1144.1	1144.1	1144.1	1145.3	1147.5	1147.5	1150.9	1149.7
10°	1191.5	1190.5	1191.5	1194.9	1198.3	1199.5	1202.8	1201.8	1203.9	1208.5	1213.1
12.5°	1246.9	1249.1	1252.5	1256.0	1261.6	1262.7	1266.1	1267.3	1274.0	1274.0	1278.5
15°	1309.0	1310.2	1316.9	1318.0	1324.9	1327.0	1332.7	1335.0	1342.9	1344.0	1348.5
17.5°	1365.5	1367.8	1371.1	1374.5	1382.4	1385.8	1390.4	1394.8	1401.7	1403.9	1411.8
20°	1410.7	1415.1	1416.3	1423.1	1429.8	1434.4	1438.9	1443.4	1450.2	1453.6	1461.5
22.5°	1451.3	1455.9	1459.3	1464.9	1469.4	1476.2	1478.4	1486.3	1493.2	1498.8	1505.5
25°	1495.3	1502.2	1505.5	1515.8	1519.1	1525.9	1531.5	1539.4	1548.5	1555.2	1564.2
27.5°	1557.5	1567.7	1572.1	1583.4	1591.4	1594.7	1603.8	1615.1	1623.0	1630.9	1639.9
30°	1643.3	1662.5	1665.9	1673.8	1688.5	1690.8	1702.1	1711.1	1723.5	1731.4	1739.4
32.5°	1776.6	1800.3	1802.6	1811.6	1824.0	1828.6	1837.6	1847.8	1866.9	1870.4	1882.8
35°	1981.0	1991.2	2000.2	2003.6	2013.8	2019.4	2026.2	2037.5	2056.7	2054.4	2068.0
37.5°	2226.1	2229.5	2230.7	2219.4	2221.6	2211.4	2223.8	2226.1	2232.8	2238.5	2252.1
40°	2576.3	2541.2	2536.7	2509.6	2482.5	2467.8	2462.2	2439.6	2445.2	2447.5	2458.8
42.5°	3087.9	3020.1	2963.6	2925.3	2858.5	2825.8	2781.8	2746.7	2719.7	2729.8	2734.4
45°	3736.2	3639.1	3548.7	3431.2	3344.2	3282.2	3204.2	3134.2	3102.6	3087.9	3105.9
47.5°	4383.3	4297.5	4191.3	4070.5	3932.6	3829.9	3700.0	3585.9	3506.9	3477.5	3493.4
50°	4942.4	4863.3	4783.1	4712.0	4551.6	4439.8	4262.5	4114.5	3990.3	3927.0	3910.1
52.5°	5406.6	5364.8	5321.9	5262.1	5133.3	5021.5	4880.3	4734.6	4569.7	4440.9	4396.9
55°	5821.1	5845.9	5824.5	5825.6	5774.8	5703.6	5583.9	5475.5	5360.3	5214.6	5153.6
57.5°	6425.4	6572.2	6601.6	6674.9	6711.1	6749.5	6783.4	6719.0	6689.6	6581.2	6582.4
60°	7377.5	7592.0	7778.4	7947.9	8086.7	8222.3	8364.6	8427.9	8497.8	8530.6	8642.4
62.5°	8390.6	8595.0	8872.8	9099.9	9227.5	9403.6	9558.4	9659.0	9782.1	9913.1	10083.6
65°	8641.3	8887.6	9062.6	9213.9	9340.4	9434.2	9518.9	9638.5	9741.3	9949.2	10150.3
67.5°	7998.7	8195.1	8355.5	8504.7	8602.9	8682.0	8757.6	8836.7	9012.8	9201.5	9403.6
70°	6865.8	7103.0	7368.4	7561.6	7610.2	7677.9	7750.2	7853.0	7941.0	8138.7	8292.3
72.5°	5516.2	5857.2	6082.0	6349.6	6407.3	6510.1	6550.7	6630.9	6646.7	6754.0	6794.7
75°	3844.6	4235.3	4461.2	4657.8	4696.2	4639.7	4662.3	4378.9	4306.5	4247.8	4200.4
77.5°	2537.8	2642.9	2679.1	2647.4	2496.1	2377.4	2251.0	2126.7	2140.3	2039.8	1863.5
80°	2256.6	2280.3	2247.6	2216.0	2129.0	2004.8	1890.7	1774.3	1716.8	1655.8	1565.4
82.5°	2195.6	2287.2	2297.3	2258.9	2189.9	2054.4	1916.7	1743.8	1597.0	1461.5	1323.7
85°	734.1	893.4	964.6	1031.2	1051.5	1075.2	993.9	883.2	749.9	660.7	517.3
87.5°	93.8	116.4	134.4	115.2	134.4	158.1	114.1	127.7	128.7	80.2	59.9
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: P149896

CATALOG NUMBER: VXS-F04-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5
2.5°	1083.1	1082.0	1082.0	1082.0	1080.8	1082.0	1082.0	1082.0	1082.0	1082.0	1080.8
5°	1108.0	1108.0	1111.4	1112.5	1110.3	1109.1	1110.3	1111.4	1111.4	1110.3	1111.4
7.5°	1154.3	1155.4	1157.7	1161.0	1158.8	1159.9	1161.0	1159.9	1163.3	1164.5	1163.3
10°	1213.1	1215.2	1220.9	1222.1	1220.9	1225.4	1226.5	1224.4	1226.5	1226.5	1231.1
12.5°	1280.8	1283.0	1289.8	1292.1	1294.3	1295.4	1298.9	1300.0	1303.3	1305.6	1309.0
15°	1354.2	1356.5	1360.9	1368.9	1371.1	1373.4	1375.6	1382.4	1383.5	1388.1	1391.5
17.5°	1416.3	1419.7	1426.4	1432.1	1435.5	1441.1	1443.4	1451.3	1453.6	1460.3	1466.0
20°	1466.0	1471.6	1477.3	1484.0	1489.7	1496.5	1498.8	1506.6	1511.2	1514.6	1521.3
22.5°	1511.2	1517.9	1525.9	1533.8	1538.2	1547.4	1550.7	1554.1	1564.2	1568.8	1575.5
25°	1569.9	1576.7	1585.7	1595.9	1600.4	1611.7	1615.1	1620.7	1632.0	1636.6	1646.7
27.5°	1650.1	1659.2	1665.9	1676.1	1681.8	1689.6	1697.5	1704.4	1714.5	1721.2	1732.5
30°	1750.7	1757.4	1768.7	1776.6	1785.6	1796.9	1806.0	1812.7	1818.3	1828.6	1840.9
32.5°	1898.5	1899.7	1903.1	1922.3	1931.3	1940.4	1952.7	1958.4	1967.5	1977.6	1991.2
35°	2082.7	2092.8	2100.7	2109.7	2119.9	2130.2	2134.6	2151.6	2159.5	2173.1	2186.6
37.5°	2265.6	2266.7	2284.9	2290.5	2299.5	2309.7	2325.5	2342.5	2362.8	2376.4	2397.8
40°	2462.2	2471.2	2493.8	2505.1	2516.4	2541.2	2553.7	2580.7	2614.6	2633.9	2669.9
42.5°	2746.7	2760.3	2801.0	2819.1	2846.2	2886.8	2912.8	2950.1	2963.6	3009.9	3026.8
45°	3119.5	3161.2	3220.0	3258.4	3306.9	3351.0	3373.6	3390.6	3410.9	3447.0	3442.5
47.5°	3522.7	3576.9	3642.4	3721.5	3753.2	3805.1	3834.4	3867.2	3849.1	3840.1	3831.1
50°	3936.1	3999.3	4086.3	4157.4	4206.0	4237.6	4262.5	4257.9	4219.6	4199.3	4142.8
52.5°	4395.8	4433.1	4515.4	4576.5	4605.8	4612.6	4606.9	4573.1	4536.9	4472.5	4405.9
55°	5100.5	5083.6	5116.4	5144.6	5135.5	5167.2	5085.8	5054.2	4965.0	4881.5	4792.2
57.5°	6532.6	6555.2	6372.2	6289.8	6275.1	6304.5	6161.0	6143.0	5927.3	5900.2	5749.9
60°	8626.6	8737.3	8593.9	8513.7	8296.8	8225.7	8065.3	7998.7	7791.9	7624.8	7413.6
62.5°	10201.0	10301.6	10361.5	10247.4	10120.8	9934.5	9691.7	9422.9	9203.7	8947.4	8723.7
65°	10343.3	10546.6	10684.5	10737.5	10648.3	10443.8	10144.6	9805.7	9470.3	9148.4	8866.0
67.5°	9678.1	9860.0	10073.5	10264.2	10275.5	10142.3	9887.0	9542.6	9155.2	8757.6	8426.7
70°	8535.1	8763.3	8949.6	9150.7	9290.7	9213.9	9086.3	8770.1	8368.0	8058.5	7677.9
72.5°	6941.5	7037.5	7082.7	7280.3	7282.6	7142.6	7052.2	6877.1	6553.0	6333.9	6043.6
75°	4053.6	3842.4	3617.6	3422.2	3262.9	3196.3	2900.4	2850.7	2651.9	2528.8	2348.1
77.5°	1671.6	1482.9	1240.1	1037.9	838.0	747.7	616.7	559.1	484.6	451.8	430.4
80°	1433.3	1254.8	1071.8	896.8	740.9	585.1	455.1	353.5	277.8	236.1	219.1
82.5°	1170.1	1062.8	935.1	840.3	718.3	602.0	508.3	394.2	294.8	216.9	166.0
85°	422.4	346.7	279.0	256.4	204.5	168.3	141.1	120.8	99.4	79.1	70.1
87.5°	47.5	45.2	26.0	24.9	28.2	20.3	23.7	21.5	18.0	15.9	16.9
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: P149896

CATALOG NUMBER: VXS-F04-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5	1077.5
2.5°	1080.8	1080.8	1082.0	1082.0	1083.1	1084.2	1086.5	1085.4	1085.4	1086.5	1086.5
5°	1111.4	1114.7	1113.6	1113.6	1113.6	1114.7	1115.9	1111.4	1106.8	1102.3	1100.1
7.5°	1164.5	1166.7	1169.0	1166.7	1169.0	1167.9	1165.6	1153.2	1138.4	1120.4	1108.0
10°	1233.4	1233.4	1235.6	1234.5	1239.0	1235.6	1228.8	1200.6	1169.0	1130.6	1102.3
12.5°	1307.9	1315.8	1312.4	1313.6	1322.6	1313.6	1297.7	1256.0	1199.5	1137.3	1087.7
15°	1396.0	1399.4	1401.7	1398.2	1403.9	1396.0	1367.8	1301.1	1218.7	1131.7	1058.2
17.5°	1468.3	1469.4	1470.6	1472.7	1480.7	1471.6	1423.1	1332.7	1223.2	1105.7	1008.6
20°	1524.8	1530.4	1534.9	1534.9	1546.2	1532.6	1468.3	1348.5	1208.5	1062.8	945.3
22.5°	1583.4	1588.0	1593.7	1594.7	1609.4	1595.9	1505.5	1345.2	1170.1	1001.8	871.9
25°	1655.8	1660.3	1664.8	1670.5	1690.8	1671.6	1542.8	1331.6	1117.0	929.5	792.8
27.5°	1739.4	1749.5	1752.8	1762.0	1785.6	1756.3	1574.4	1311.3	1058.2	845.9	709.3
30°	1851.2	1863.5	1868.1	1880.5	1913.3	1848.9	1592.5	1276.3	983.7	761.2	620.1
32.5°	2001.3	2018.3	2031.8	2045.4	2082.7	1941.5	1594.7	1225.4	896.8	666.3	534.2
35°	2197.9	2223.8	2234.0	2243.0	2278.0	2042.0	1584.6	1149.7	790.6	569.2	466.4
37.5°	2418.1	2444.1	2450.9	2455.4	2462.2	2127.9	1559.8	1034.6	670.9	484.6	412.2
40°	2689.2	2711.8	2720.8	2714.0	2677.9	2194.5	1504.5	900.2	554.5	426.9	378.3
42.5°	3020.1	3054.0	3057.4	3026.8	2907.2	2231.8	1393.7	742.1	463.1	385.2	352.4
45°	3430.1	3427.9	3408.6	3387.2	3156.8	2217.1	1239.0	604.2	405.5	352.4	328.7
47.5°	3798.2	3759.9	3730.6	3667.3	3377.0	2131.2	1039.1	500.3	370.5	327.6	308.3
50°	4099.9	4029.8	3967.7	3898.8	3540.7	1978.8	840.3	424.7	337.7	306.1	289.1
52.5°	4338.1	4253.5	4181.1	4113.4	3698.9	1809.3	688.9	369.3	306.1	284.7	267.7
55°	4710.9	4626.1	4511.0	4436.4	3940.6	1653.5	590.7	325.3	275.5	262.1	245.1
57.5°	5654.0	5579.4	5441.7	5248.5	4561.8	1594.7	535.3	291.4	250.8	242.8	229.3
60°	7300.6	7179.8	7000.2	6803.7	5824.5	1634.3	491.3	267.7	233.8	227.0	216.9
62.5°	8543.0	8330.7	8127.4	7945.6	6834.2	1633.2	433.7	249.6	221.3	218.0	207.8
65°	8593.9	8378.1	8173.7	7982.8	6856.8	1453.6	365.9	233.8	219.1	218.0	201.0
67.5°	8137.6	7903.7	7706.1	7465.6	6347.5	1136.2	293.7	223.6	228.2	225.9	198.8
70°	7392.1	7087.2	6924.6	6687.4	5586.2	795.1	241.7	227.0	247.4	240.5	202.2
72.5°	5801.9	5571.5	5324.1	5159.3	4373.2	502.6	203.3	229.3	255.2	243.9	211.2
75°	2159.5	2221.6	2119.9	2083.8	2221.6	294.8	180.7	213.5	228.2	211.2	192.0
77.5°	436.0	416.8	395.3	390.8	504.9	181.9	166.0	185.2	175.0	154.7	155.9
80°	208.9	203.3	196.5	195.4	187.5	151.3	153.6	158.1	132.1	119.7	127.7
82.5°	139.0	131.0	128.7	124.2	126.5	135.5	145.7	135.5	101.7	94.9	115.2
85°	64.4	62.1	61.0	61.0	67.8	122.0	120.8	99.4	70.1	67.8	115.2
87.5°	15.9	15.9	16.9	15.9	18.0	36.2	31.6	30.5	26.0	29.3	54.2
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: P149896

CATALOG NUMBER: VXS-F04-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1077.5	1077.5	1077.5
2.5°	1085.4	1086.5	1085.4
5°	1095.5	1095.5	1095.5
7.5°	1095.5	1092.1	1091.0
10°	1079.7	1069.5	1069.5
12.5°	1052.6	1035.6	1033.5
15°	1001.8	979.2	975.9
17.5°	937.4	906.9	901.2
20°	865.2	826.7	820.0
22.5°	786.1	742.1	738.7
25°	708.2	663.0	654.0
27.5°	621.1	577.1	572.6
30°	534.2	495.9	493.6
32.5°	460.8	437.1	432.5
35°	408.8	395.3	389.6
37.5°	374.9	364.8	363.6
40°	349.0	340.0	338.9
42.5°	327.6	319.6	318.5
45°	306.1	299.3	297.0
47.5°	284.7	277.8	276.7
50°	265.4	256.4	255.2
52.5°	247.4	238.3	236.1
55°	230.4	221.3	221.3
57.5°	215.8	206.7	205.6
60°	202.2	193.2	192.0
62.5°	192.0	180.7	179.6
65°	184.1	172.8	170.6
67.5°	179.6	166.0	162.6
70°	187.5	162.6	157.0
72.5°	188.6	159.3	151.3
75°	181.9	150.3	144.6
77.5°	159.3	134.4	128.7
80°	137.8	103.9	96.0
82.5°	131.0	84.7	73.4
85°	101.7	55.3	51.9
87.5°	57.6	30.5	24.9
90°	0.0	0.0	0.0

(END OF REPORT)