

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: STREETWORKS

Report Number: P165055

Luminaire Tested: **VST-E06-LED-E-U-SL2-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165055
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: VST-E06-LED-E-U-SL2-HSS-8030
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (126) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9174.1 lumens
Efficiency: N/A
Efficacy: 61.0 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

Input Watts (W): 150.5
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: 28.75 FT

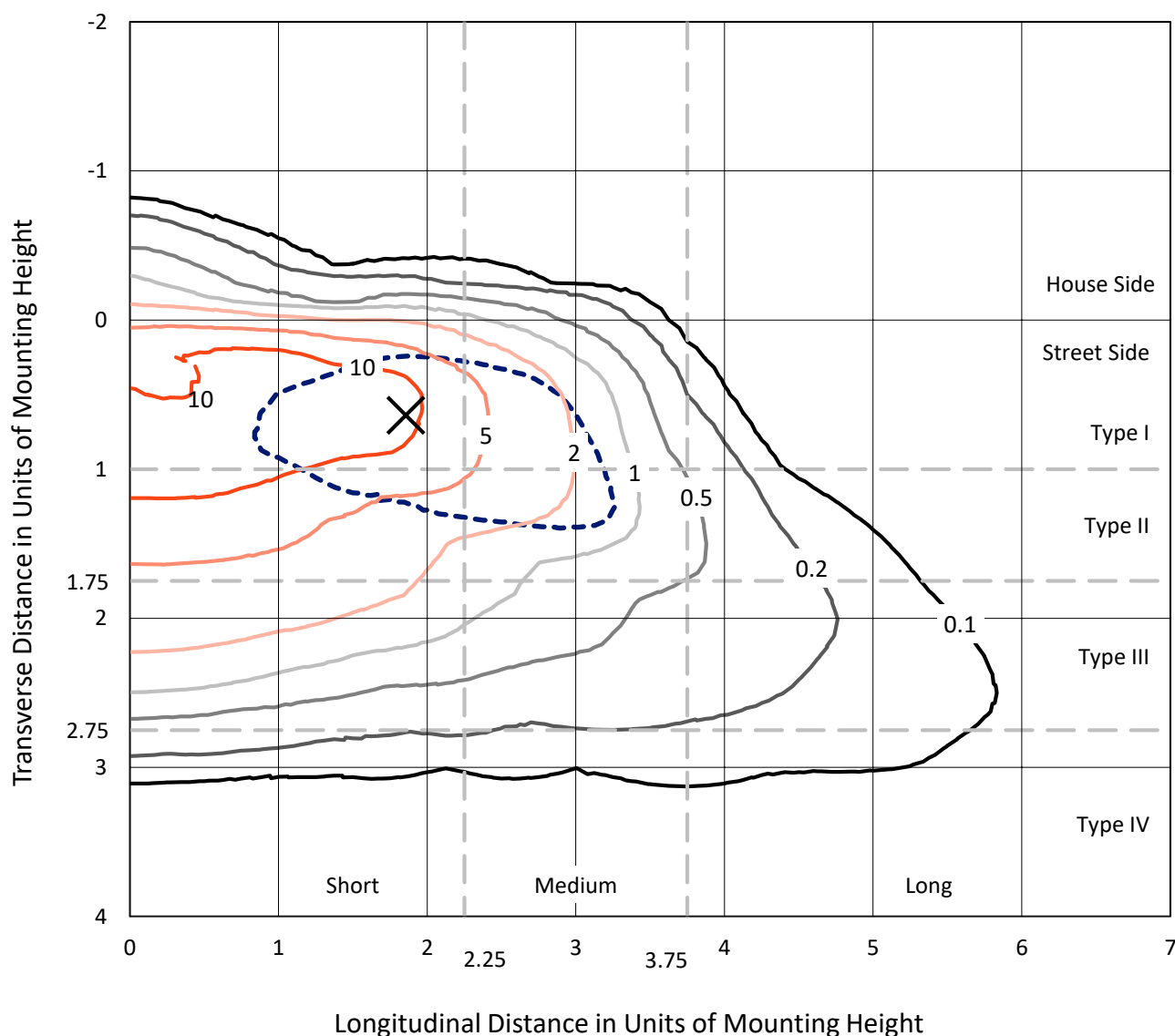


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

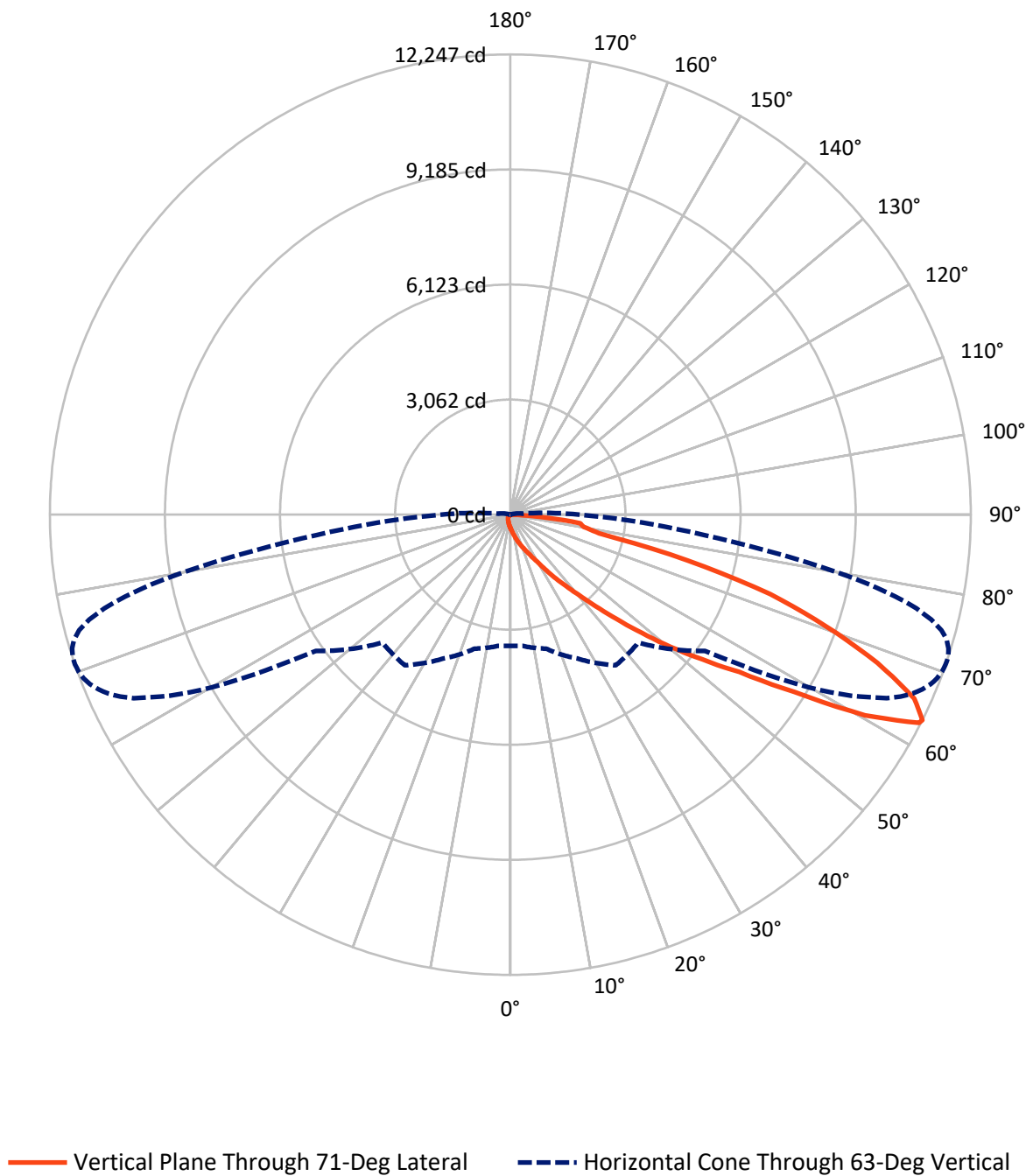


Based on 10 foot mounting height. Maximum calculated value = 19.3 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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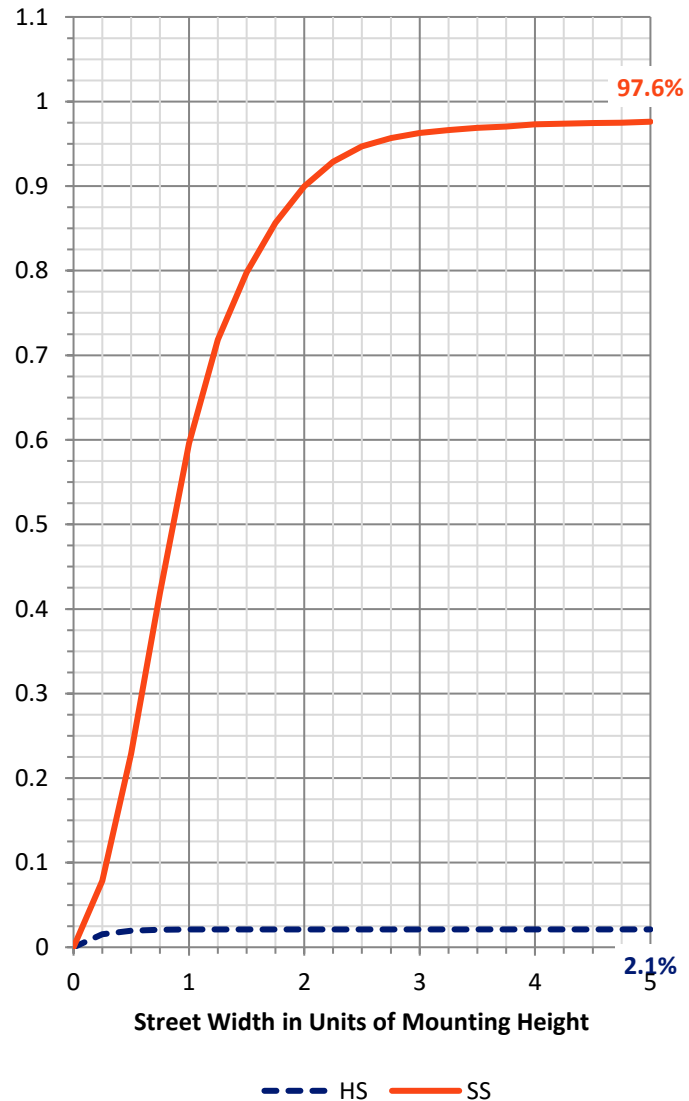
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	194.8	0.0	194.8
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	8979.4	0.0	8979.4
	% Fixture	97.9	0.0	97.9
Total	Lumens	9174.1	0.0	9174.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.9	0.4
10°-20°	150.8	1.6
20°-30°	306.4	3.3
30°-40°	748.6	8.2
40°-50°	1674.1	18.2
50°-60°	2354.0	25.7
60°-70°	2768.1	30.2
70°-80°	999.5	10.9
80°-90°	133.7	1.5
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°	9174.1	100.0
0°-180°	9174.1	100.0

Coefficient of Utilization



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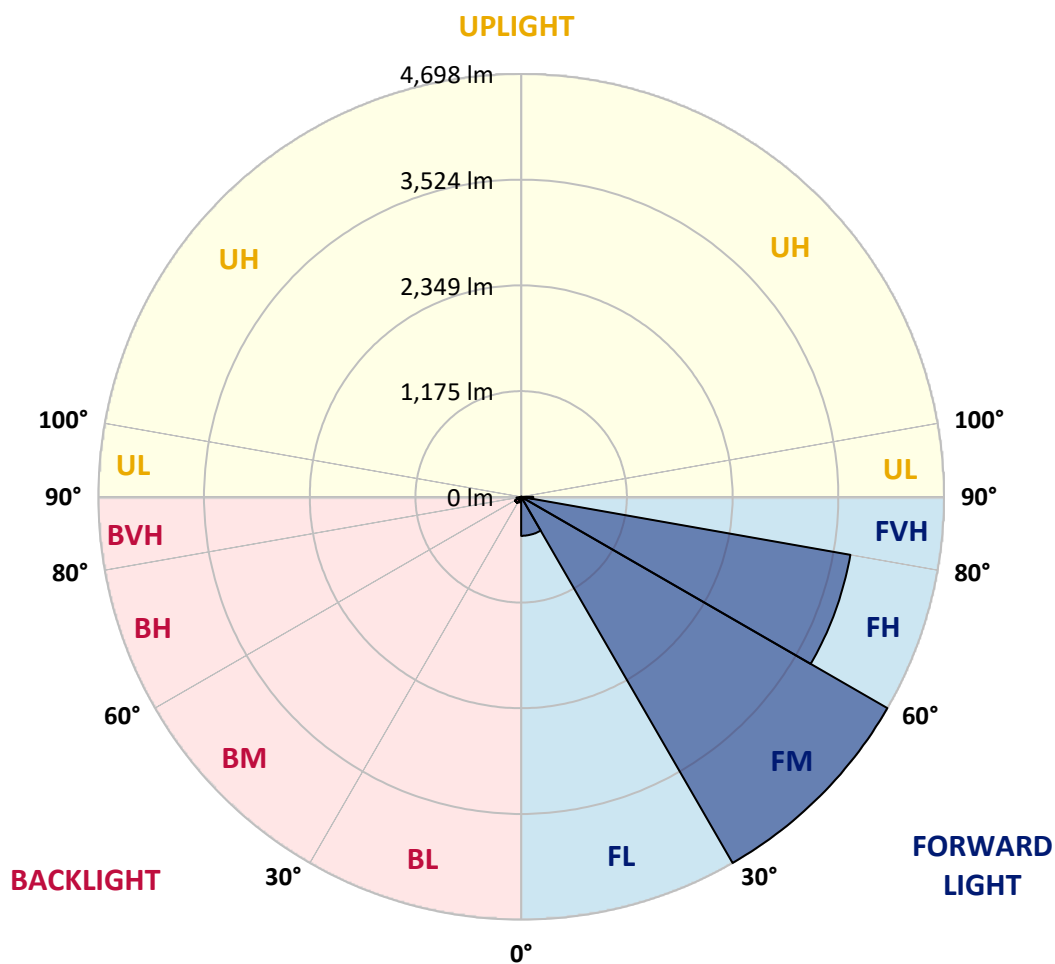
CATALOG NUMBER: VST-E06-LED-E-U-SL2-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	433.5	4.7			
FM	(30°-60°)	4698.2	51.2			
FH	(60°-80°)	3714.3	40.5			G2/5000
FVH	(80°-90°)	133.4	1.5			G2/225
BL	(0°-30°)	62.6	0.7	B0/110		
BM	(30°-60°)	78.5	0.9	B0/220		
BH	(60°-80°)	53.4	0.6	B0/110		G0/110
BVH	(80°-90°)	0.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9
2.5°	460.3	465.3	461.9	453.6	443.6	430.3	418.6	418.6	417.0	411.9	413.6
5°	603.7	605.4	598.8	578.7	560.4	532.0	500.3	497.0	493.6	488.7	487.1
7.5°	743.9	750.5	743.9	722.1	685.5	642.1	592.1	587.1	577.1	577.1	570.4
10°	887.3	887.3	880.6	855.6	822.2	760.5	697.1	688.8	677.2	673.8	663.8
12.5°	989.0	989.0	985.6	972.4	945.6	890.6	813.9	805.6	790.6	785.5	773.9
15°	1029.0	1029.0	1030.7	1042.4	1044.1	1019.1	939.0	932.3	917.3	903.9	899.0
17.5°	1054.0	1052.4	1052.4	1069.1	1099.1	1115.8	1064.0	1057.4	1040.7	1034.1	1017.3
20°	1109.1	1105.8	1095.7	1095.7	1124.1	1182.4	1182.4	1180.8	1162.5	1157.4	1149.1
22.5°	1190.8	1187.5	1157.4	1132.4	1145.8	1219.2	1287.6	1284.2	1277.5	1270.8	1265.9
25°	1324.2	1312.6	1260.8	1187.5	1175.8	1254.2	1367.6	1376.0	1380.9	1380.9	1384.3
27.5°	1526.1	1511.1	1419.3	1282.6	1230.8	1310.9	1456.0	1472.7	1487.7	1491.0	1506.0
30°	1806.2	1779.6	1647.8	1447.7	1329.3	1394.3	1586.1	1604.5	1626.1	1632.8	1656.1
32.5°	2266.5	2251.5	2124.8	1824.5	1571.0	1557.8	1767.9	1791.2	1819.6	1831.2	1859.6
35°	2967.1	2970.4	2867.0	2596.8	2246.6	2063.1	2093.1	2113.1	2123.1	2158.2	2173.1
37.5°	3442.4	3450.7	3474.1	3367.3	3117.2	2930.3	2695.1	2716.9	2665.2	2670.1	2671.8
40°	3702.6	3729.2	3866.0	3969.4	3949.4	3841.0	3652.5	3664.2	3567.4	3545.8	3440.6
42.5°	3875.9	3911.0	4129.5	4449.7	4613.2	4711.6	4668.2	4663.2	4588.1	4559.8	4471.4
45°	3984.4	4016.1	4291.3	4763.2	5140.2	5427.0	5545.4	5558.8	5495.4	5467.0	5393.7
47.5°	3979.3	4016.1	4311.2	4880.0	5435.4	5894.0	6227.6	6244.3	6282.6	6257.6	6262.6
50°	3759.3	3794.3	4091.2	4681.5	5348.6	6107.5	6717.9	6771.3	6833.0	6874.7	6894.8
52.5°	3492.4	3517.4	3780.9	4341.3	4978.4	6019.1	7008.1	7099.9	7191.6	7270.0	7325.0
55°	3394.0	3422.3	3629.1	4094.5	4681.5	5648.8	7143.2	7278.3	7408.5	7536.9	7641.9
57.5°	3445.7	3472.3	3620.8	3977.7	4504.8	5258.6	7181.6	7391.7	7605.2	7813.7	8020.5
60°	3635.8	3664.2	3791.0	4086.1	4458.1	5033.5	7031.5	7380.1	7735.3	8098.9	8440.8
62.5°	3560.8	3572.4	3759.3	4276.3	4791.6	4841.6	6486.1	6973.2	7515.2	8075.6	8627.5
63°	3489.1	3502.4	3692.5	4224.5	4893.4	4813.3	6317.7	6831.4	7403.4	8007.1	8607.6
65°	3163.9	3165.5	3310.6	3730.9	4780.0	4863.3	5567.2	6057.5	6714.6	7438.4	8197.3
67.5°	2361.6	2350.0	2490.0	2810.3	3752.6	4865.0	4778.2	5053.5	5510.5	6152.6	6833.0
70°	837.3	818.9	1045.7	1489.3	2338.2	3979.3	4106.2	4124.5	4251.3	4598.2	5025.2
72.5°	271.8	276.9	333.5	545.4	1077.4	2678.5	3717.5	3660.8	3627.5	3625.8	3682.5
75°	108.4	110.1	133.4	241.9	483.7	1290.9	3255.6	3287.2	3299.0	3315.6	3334.0
77.5°	51.7	56.7	75.0	135.1	240.1	638.8	2329.9	2598.4	2751.8	2870.3	2942.1
80°	18.3	21.7	41.7	83.4	111.7	293.5	1227.5	1481.0	1706.1	1996.4	2246.6
82.5°	0.0	0.0	8.3	58.3	61.7	118.4	503.7	590.4	675.4	875.6	1124.1
85°	0.0	0.0	0.0	16.7	18.3	20.1	170.1	205.2	230.2	268.5	310.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	1.6	5.0	10.0	25.0	38.4
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9
2.5°	410.3	408.7	408.7	405.3	403.6	400.3	398.6	393.6	391.9	391.9	391.9
5°	485.3	478.6	475.3	467.0	461.9	460.3	452.0	448.7	443.6	445.3	436.9
7.5°	568.7	557.0	552.1	540.3	537.1	525.3	522.0	513.7	508.7	498.7	495.4
10°	660.4	645.5	637.1	618.7	613.8	605.4	595.4	585.4	577.1	567.1	562.1
12.5°	765.6	752.2	745.5	720.5	708.9	697.1	683.8	670.5	657.1	648.8	637.1
15°	888.9	867.3	860.6	837.3	817.2	802.2	783.9	767.2	757.2	740.6	728.8
17.5°	1010.7	989.0	984.0	949.0	927.3	917.3	897.3	875.6	857.2	840.6	822.2
20°	1132.4	1117.4	1104.0	1070.7	1047.4	1030.7	1004.0	982.3	967.3	944.0	920.6
22.5°	1254.2	1239.1	1229.2	1194.2	1172.5	1149.1	1125.8	1102.4	1080.7	1052.4	1025.8
25°	1379.3	1369.3	1364.2	1332.6	1312.6	1290.9	1267.5	1240.9	1214.1	1182.4	1154.2
27.5°	1509.4	1512.7	1502.7	1496.0	1474.3	1459.3	1422.7	1404.3	1384.3	1345.9	1310.9
30°	1674.4	1684.5	1681.1	1686.2	1672.8	1662.8	1634.4	1611.1	1587.7	1551.1	1511.1
32.5°	1883.0	1896.3	1902.9	1921.4	1914.7	1911.3	1902.9	1869.6	1852.9	1789.6	1772.9
35°	2204.8	2198.2	2226.5	2241.5	2234.8	2231.6	2221.6	2203.2	2183.2	2138.1	2096.5
37.5°	2623.4	2630.1	2640.1	2610.2	2590.1	2588.5	2558.4	2540.1	2511.7	2461.7	2411.7
40°	3390.6	3349.0	3302.3	3175.5	3120.5	3088.8	3000.4	2975.4	2927.0	2858.6	2806.9
42.5°	4388.0	4346.3	4206.2	3994.4	3881.0	3724.2	3652.5	3564.1	3495.7	3384.0	3324.0
45°	5378.7	5258.6	5241.9	4995.1	4855.0	4648.2	4519.8	4371.3	4216.2	4069.5	3962.7
47.5°	6214.3	6187.5	6105.9	5955.7	5825.7	5652.2	5487.1	5258.6	5098.5	4890.0	4698.2
50°	6883.0	6881.4	6851.3	6764.6	6656.3	6516.2	6371.1	6177.6	5995.8	5740.6	5535.5
52.5°	7383.4	7410.1	7420.1	7393.4	7351.7	7228.3	7154.9	6993.1	6839.7	6622.8	6401.0
55°	7750.3	7848.7	7898.7	7955.5	7943.8	7900.5	7897.1	7792.0	7722.0	7550.1	7393.4
57.5°	8204.0	8365.7	8520.8	8796.1	8806.0	8902.8	8952.9	9002.9	9016.2	8947.8	8896.1
60°	8781.0	9111.3	9404.8	9980.2	10130.3	10367.1	10520.5	10687.4	10829.0	10840.8	10837.5
62.5°	9187.9	9696.6	10170.3	11024.2	11316.1	11589.6	11794.7	11956.6	12054.9	12155.0	12201.7
63°	9199.7	9756.7	10260.4	11141.0	11447.9	11708.0	11903.2	12053.3	12156.7	12216.7	12246.7
65°	8917.8	9593.2	10193.6	11070.9	11359.4	11621.3	11723.0	11821.5	11871.5	11894.8	11806.4
67.5°	7558.5	8219.0	8919.4	9900.1	10146.9	10460.5	10543.9	10594.0	10617.3	10612.3	10537.3
70°	5652.2	6206.0	6984.8	8105.6	8432.5	8739.4	8929.5	9011.2	9037.8	9029.5	8917.8
72.5°	3946.0	4271.2	4913.3	6160.9	6606.2	6999.8	7235.0	7356.7	7381.7	7331.7	7228.3
75°	3313.9	3330.7	3475.7	4157.8	4574.8	4995.1	5260.2	5337.0	5287.0	5135.1	4871.7
77.5°	2958.7	2995.4	2995.4	3097.1	3178.8	3295.6	3320.6	3133.8	2917.0	2636.8	2410.0
80°	2481.7	2610.2	2700.2	2775.2	2783.5	2760.3	2698.5	2593.4	2426.6	2213.1	1976.4
82.5°	1507.7	1761.2	1864.6	2251.5	2441.6	2570.1	2560.1	2420.0	2293.3	2071.5	1869.6
85°	380.3	410.3	445.3	578.7	648.8	792.2	882.2	924.0	939.0	862.3	780.6
87.5°	36.7	25.0	41.7	31.7	45.1	33.3	45.1	41.7	51.7	55.0	60.1
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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CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9
2.5°	388.6	386.9	385.3	383.6	381.9	380.3	377.0	377.0	373.6	371.9	370.3
5°	432.0	428.6	427.0	423.6	418.6	415.2	410.3	403.6	398.6	396.9	393.6
7.5°	487.1	478.6	475.3	470.3	463.7	453.6	446.9	442.0	433.7	428.6	418.6
10°	548.7	540.3	530.4	520.4	510.3	498.7	490.3	483.7	470.3	463.7	452.0
12.5°	627.1	612.1	600.4	587.1	573.7	560.4	550.3	530.4	518.6	503.7	493.6
15°	707.1	693.8	680.5	663.8	643.7	622.1	612.1	593.7	578.7	555.4	542.0
17.5°	803.9	778.8	758.9	738.8	720.5	700.4	680.5	652.1	630.5	610.4	583.8
20°	899.0	869.0	847.2	820.6	793.9	762.2	738.8	718.8	688.8	662.2	633.8
22.5°	1000.6	970.7	935.6	909.0	872.3	847.2	815.6	782.2	752.2	717.2	682.1
25°	1124.1	1092.4	1052.4	1017.3	975.6	940.7	902.3	863.9	827.2	787.2	742.2
27.5°	1275.9	1242.5	1199.1	1157.4	1102.4	1059.1	1022.4	970.7	924.0	873.9	822.2
30°	1467.6	1431.0	1377.6	1317.5	1262.5	1214.1	1162.5	1094.1	1042.4	982.3	915.7
32.5°	1717.9	1674.4	1602.7	1546.0	1477.7	1414.3	1342.6	1274.2	1200.9	1122.5	1045.7
35°	2033.1	1993.1	1909.6	1826.3	1751.2	1676.2	1586.1	1507.7	1404.3	1309.2	1210.8
37.5°	2360.0	2288.2	2211.5	2121.5	2028.0	1938.0	1827.9	1719.5	1601.1	1497.7	1374.3
40°	2733.5	2646.8	2583.4	2486.7	2354.9	2226.5	2124.8	1989.7	1841.3	1702.8	1557.8
42.5°	3245.6	3148.9	3035.4	2888.7	2793.6	2643.5	2511.7	2351.6	2156.4	2001.4	1826.3
45°	3837.7	3705.9	3595.8	3454.0	3339.0	3152.2	2998.8	2785.3	2590.1	2386.6	2173.1
47.5°	4513.1	4349.6	4189.5	4049.4	3866.0	3682.5	3487.4	3260.6	3010.4	2786.9	2533.4
50°	5288.6	5056.8	4835.0	4654.9	4403.0	4191.2	3979.3	3724.2	3447.3	3190.5	2901.9
52.5°	6150.9	5882.4	5588.9	5312.0	5020.1	4748.3	4493.0	4199.5	3891.0	3577.5	3255.6
55°	7191.6	6989.8	6644.6	6292.7	5902.3	5538.8	5210.2	4846.7	4471.4	4059.5	3720.9
57.5°	8821.1	8722.6	8434.1	8082.3	7573.5	7131.6	6574.5	6129.2	5585.5	5018.5	4581.5
60°	11029.3	10907.4	10745.7	10460.5	10056.9	9456.5	8842.8	8150.6	7323.4	6537.9	5792.3
62.5°	12206.7	12163.3	12031.6	11834.7	11457.9	10984.2	10365.5	9604.9	8671.0	7716.9	6766.3
63°	12241.7	12186.7	12073.3	11873.1	11541.2	11082.6	10475.5	9736.7	8822.7	7850.4	6879.7
65°	11768.1	11746.4	11631.3	11412.8	11186.1	10835.7	10365.5	9730.0	8962.8	8043.9	7078.2
67.5°	10437.2	10372.1	10195.3	10128.6	9970.2	9726.6	9368.1	8931.1	8382.5	7660.2	6826.3
70°	8827.7	8731.0	8509.2	8390.8	8197.3	8043.9	7825.4	7513.5	7174.9	6671.2	6049.2
72.5°	7121.5	6921.4	6717.9	6409.4	6139.2	5865.7	5623.8	5403.7	5031.7	4828.3	4356.3
75°	4624.8	4261.2	3912.7	3445.7	3025.4	2653.5	2291.5	2108.1	1726.2	1571.0	1349.2
77.5°	2194.8	1991.3	1717.9	1506.0	1235.8	1009.0	823.9	618.7	485.3	380.3	290.2
80°	1771.2	1599.4	1434.3	1242.5	1039.0	828.9	635.4	475.3	336.9	233.4	165.1
82.5°	1579.4	1392.6	1189.1	1057.4	919.0	752.2	617.1	503.7	371.9	271.8	185.1
85°	613.8	517.0	398.6	325.2	253.5	208.4	188.5	130.0	101.8	80.0	61.7
87.5°	53.4	43.3	35.0	23.4	25.0	13.4	15.0	10.0	8.3	8.3	6.7
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9	351.9
2.5°	368.6	366.9	365.2	361.9	361.9	358.6	356.9	355.3	346.9	328.5	313.6
5°	386.9	383.6	380.3	375.2	371.9	366.9	363.6	358.6	340.2	305.3	275.2
7.5°	413.6	406.9	402.0	391.9	386.9	380.3	375.2	366.9	336.9	283.5	241.9
10°	445.3	433.7	425.3	413.6	403.6	395.3	386.9	375.2	333.5	260.2	211.8
12.5°	483.7	470.3	453.6	440.3	427.0	415.2	403.6	388.6	328.5	240.1	188.5
15°	522.0	502.0	490.3	472.0	453.6	436.9	420.3	406.9	330.3	218.5	168.4
17.5°	565.3	545.4	520.4	500.3	480.4	458.7	438.6	411.9	321.9	201.8	153.4
20°	607.1	578.7	555.4	530.4	502.0	475.3	450.3	427.0	315.2	185.1	140.1
22.5°	652.1	618.7	588.7	557.0	522.0	492.0	461.9	432.0	303.5	170.1	128.4
25°	707.1	668.7	625.4	587.1	550.3	513.7	475.3	438.6	291.9	156.8	120.1
27.5°	773.9	723.8	680.5	632.1	580.4	533.7	492.0	452.0	280.2	146.8	111.7
30°	858.9	800.5	738.8	677.2	622.1	568.7	510.3	460.3	268.5	136.7	103.4
32.5°	972.4	899.0	823.9	752.2	678.8	610.4	548.7	483.7	261.8	128.4	95.1
35°	1122.5	1027.4	935.6	845.6	757.2	673.8	593.7	520.4	261.8	118.4	85.1
37.5°	1264.2	1154.2	1037.4	925.6	820.6	723.8	628.7	540.3	248.5	110.1	76.8
40°	1417.6	1285.8	1149.1	1017.3	890.6	770.5	662.2	560.4	236.8	100.1	68.4
42.5°	1652.8	1486.1	1307.6	1154.2	1002.4	853.9	718.8	598.8	221.8	90.0	60.1
45°	1961.4	1749.5	1539.4	1352.6	1159.1	977.3	817.2	668.7	218.5	81.7	51.7
47.5°	2291.5	2041.4	1794.6	1556.0	1329.3	1117.4	925.6	747.1	218.5	73.4	45.1
50°	2620.1	2306.6	2043.1	1766.2	1511.1	1260.8	1032.3	828.9	220.2	66.7	36.7
52.5°	2917.0	2581.8	2286.6	1966.3	1684.5	1394.3	1145.8	909.0	216.8	58.3	30.0
55°	3328.9	2935.4	2593.4	2239.9	1909.6	1582.8	1300.9	1029.0	218.5	51.7	25.0
57.5°	4087.8	3625.8	3213.9	2750.2	2369.9	1948.0	1606.1	1275.9	238.5	43.3	18.3
60°	5176.9	4576.5	3997.8	3432.3	2948.7	2446.7	2003.0	1614.5	280.2	35.0	13.4
62.5°	5909.0	5123.5	4433.1	3809.3	3247.2	2721.9	2238.2	1796.2	308.5	28.4	8.3
63°	5984.1	5171.9	4478.0	3834.3	3260.6	2735.2	2248.2	1809.6	310.2	26.6	8.3
65°	6125.9	5255.3	4503.1	3839.3	3247.2	2716.9	2241.5	1807.9	313.6	21.7	6.7
67.5°	5964.1	5126.8	4358.0	3695.9	3130.4	2608.4	2158.2	1741.2	311.8	15.0	5.0
70°	5333.7	4639.9	3964.4	3347.3	2833.6	2361.6	1964.7	1587.7	286.8	10.0	3.3
72.5°	3916.1	3444.0	2920.4	2475.1	2134.8	1772.9	1512.7	1192.5	221.8	6.7	1.6
75°	1160.8	1057.4	888.9	783.9	692.1	572.0	508.7	396.9	113.4	3.3	0.0
77.5°	231.8	210.2	188.5	171.8	161.7	138.4	131.8	108.4	46.7	1.6	0.0
80°	121.7	100.1	85.1	75.0	65.0	53.4	45.1	36.7	8.3	0.0	0.0
82.5°	116.8	78.4	56.7	46.7	40.0	31.7	25.0	18.3	5.0	0.0	0.0
85°	43.3	33.3	25.0	20.1	16.7	15.0	11.6	10.0	0.0	0.0	0.0
87.5°	6.7	5.0	5.0	3.3	3.3	1.6	1.6	1.6	0.0	0.0	0.0
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: VST-E06-LED-E-U-SL2-HSS-8030

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	351.9	351.9	351.9	351.9	351.9	351.9	351.9
2.5°	298.6	285.2	278.5	270.2	270.2	268.5	271.8
5°	248.5	230.2	216.8	206.8	208.4	203.5	205.2
7.5°	210.2	191.8	180.1	173.5	171.8	170.1	170.1
10°	181.8	165.1	155.1	150.1	148.5	148.5	148.5
12.5°	161.7	145.1	136.7	133.4	133.4	131.8	131.8
15°	145.1	131.8	123.5	120.1	120.1	118.4	120.1
17.5°	131.8	118.4	111.7	108.4	108.4	106.7	106.7
20°	120.1	108.4	101.8	96.7	96.7	95.1	96.7
22.5°	110.1	98.4	90.0	86.7	85.1	83.4	85.1
25°	100.1	88.4	80.0	75.0	73.4	73.4	71.7
27.5°	91.8	80.0	70.1	65.0	63.4	63.4	61.7
30°	83.4	70.1	60.1	55.0	53.4	53.4	53.4
32.5°	75.0	60.1	51.7	46.7	45.1	45.1	45.1
35°	66.7	51.7	43.3	38.4	36.7	36.7	36.7
37.5°	56.7	43.3	33.3	30.0	28.4	26.6	26.6
40°	48.4	33.3	25.0	21.7	18.3	18.3	18.3
42.5°	40.0	26.6	18.3	13.4	11.6	10.0	11.6
45°	33.3	20.1	11.6	6.7	5.0	5.0	5.0
47.5°	26.6	13.4	5.0	1.6	1.6	1.6	1.6
50°	20.1	8.3	1.6	0.0	0.0	1.6	1.6
52.5°	15.0	5.0	0.0	0.0	0.0	0.0	0.0
55°	8.3	1.6	0.0	0.0	0.0	0.0	0.0
57.5°	5.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	3.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1.6	0.0	0.0	0.0	0.0	0.0	0.0
63°	1.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)