

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: P165059

Luminaire Tested: **VST-E06-LED-E-U-SL2-HSS-7060**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165059
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-7060
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND
HOUSE SIDE SHIELD
Light Source: (126) 5700K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11153.7 lumens
Efficiency: N/A
Efficacy: 74.1 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



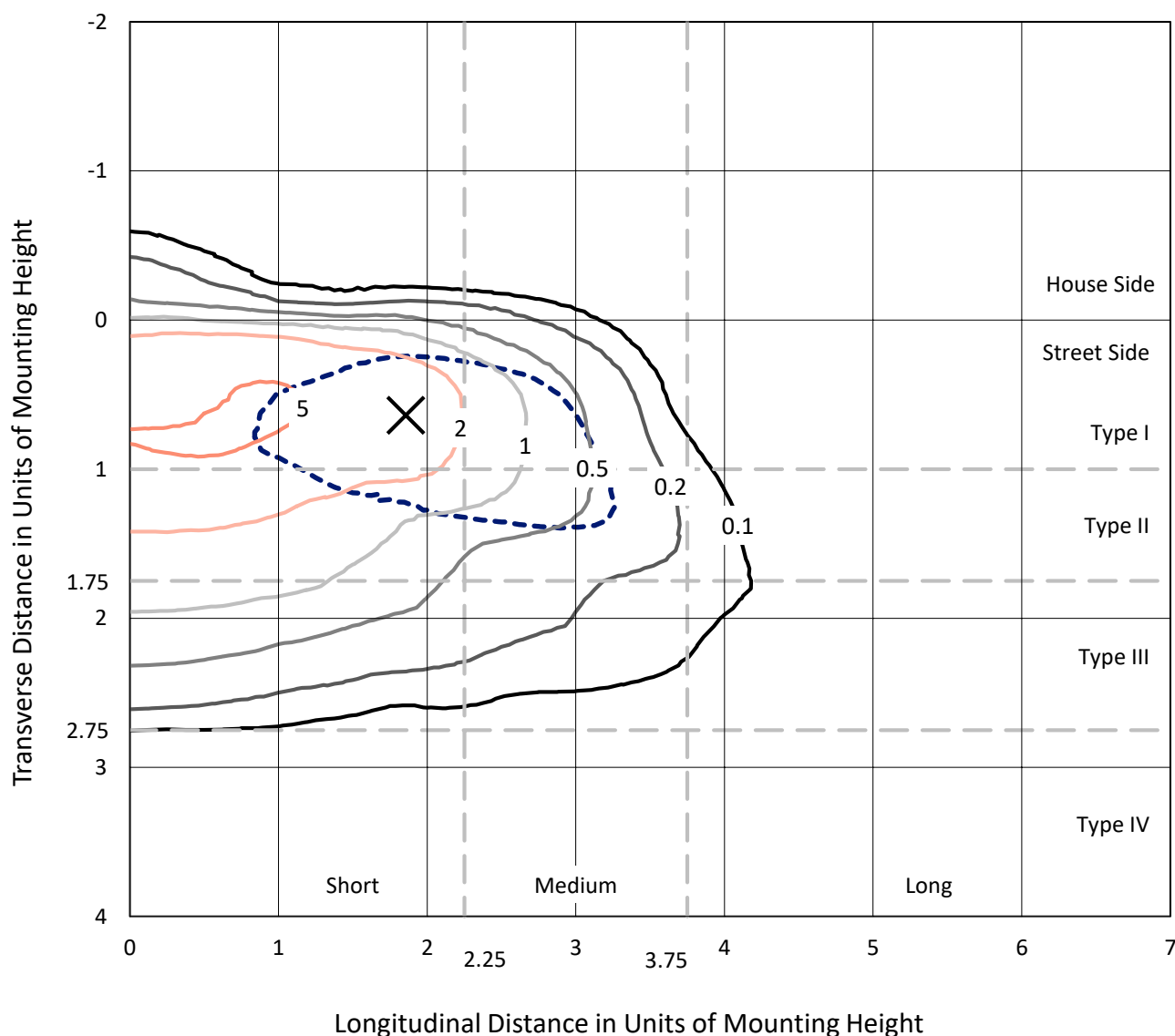
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

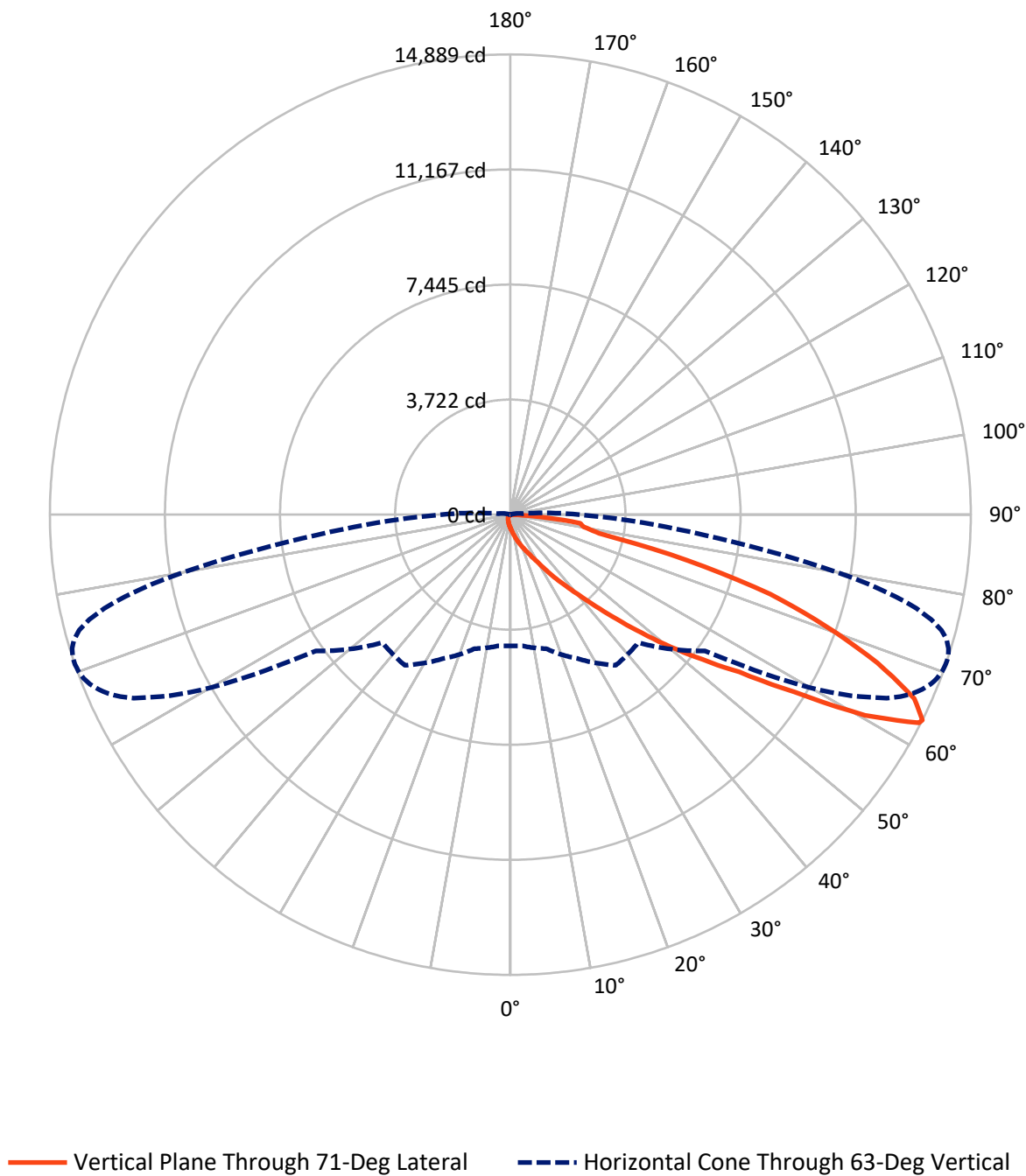


Based on 20 foot mounting height. Maximum calculated value = 5.9 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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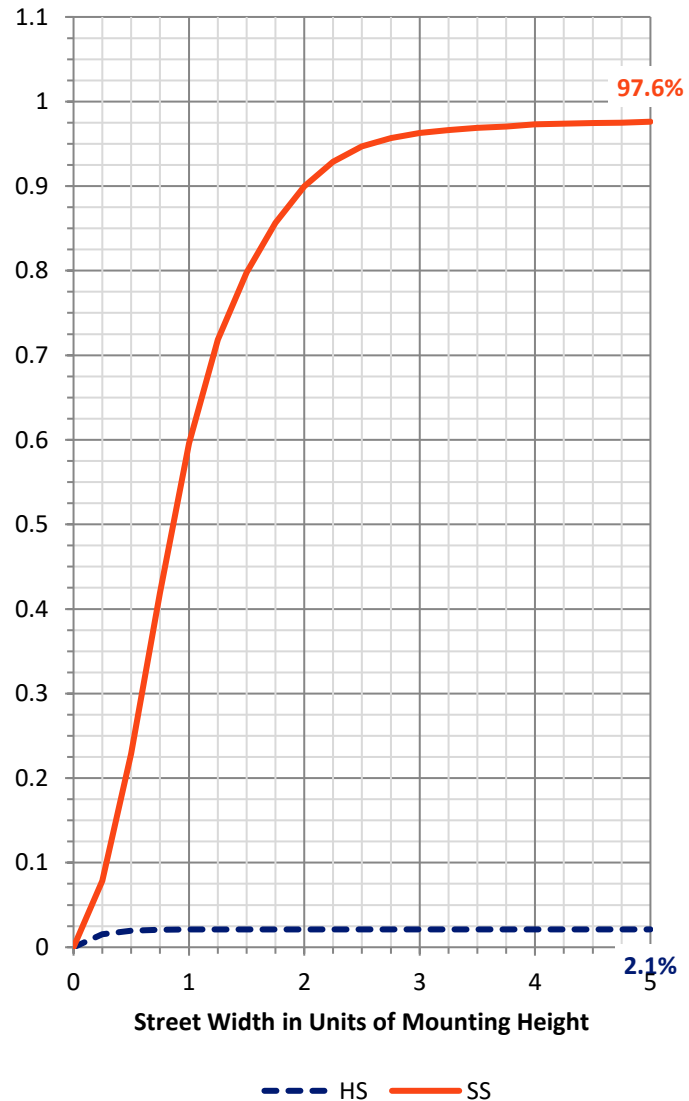
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	236.8	0.0	236.8
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	10916.9	0.0	10916.9
	% Fixture	97.9	0.0	97.9
Total	Lumens	11153.7	0.0	11153.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.3	0.4
10°-20°	183.4	1.6
20°-30°	372.5	3.3
30°-40°	910.1	8.2
40°-50°	2035.4	18.2
50°-60°	2861.9	25.7
60°-70°	3365.4	30.2
70°-80°	1215.2	10.9
80°-90°	162.5	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°	11153.7	100.0
0°-180°	11153.7	100.0

Coefficient of Utilization



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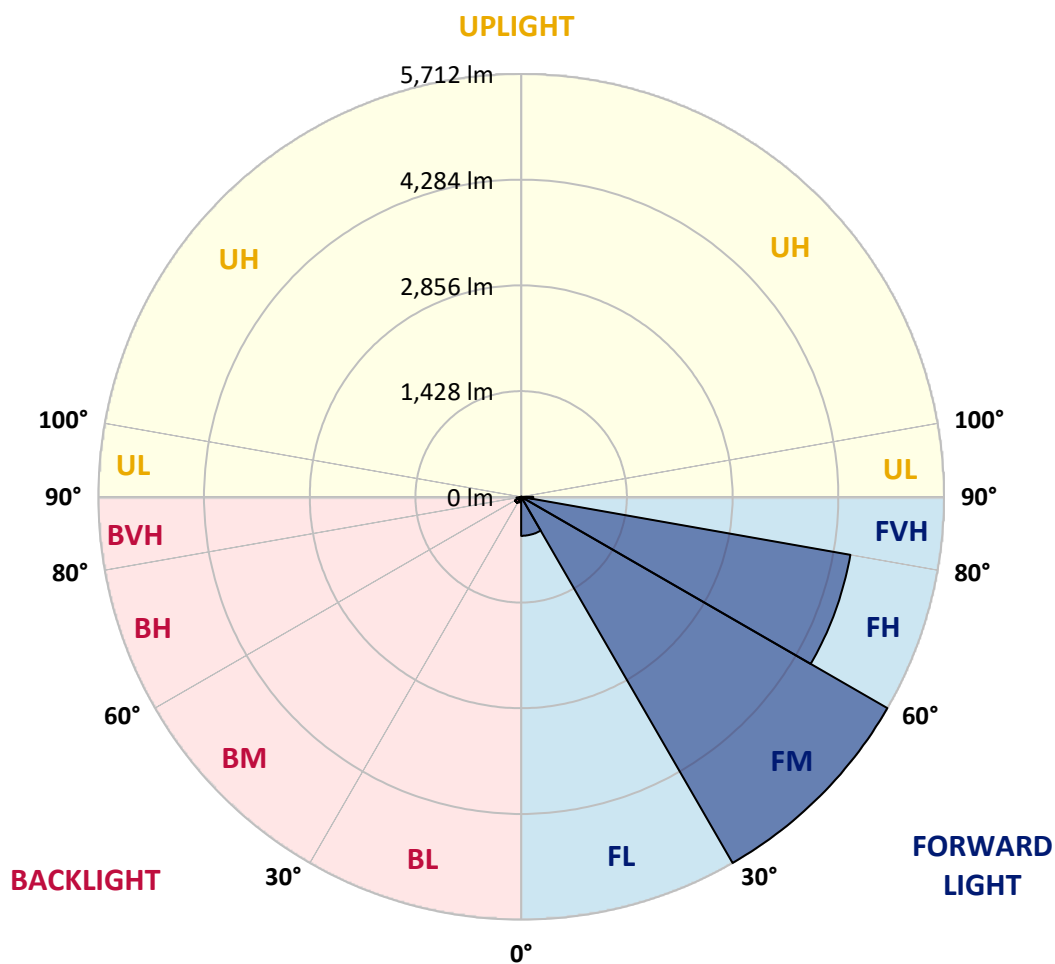
CATALOG NUMBER: VST-E06-LED-E-U-SL2-HSS-7060

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	527.1	4.7			
FM	(30°-60°)	5712.0	51.2			
FH	(60°-80°)	4515.7	40.5			G2/5000
FVH	(80°-90°)	162.2	1.5			G2/225
BL	(0°-30°)	76.1	0.7	B0/110		
BM	(30°-60°)	95.4	0.9	B0/220		
BH	(60°-80°)	64.9	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°	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9
2.5°	559.6	565.7	561.6	551.5	539.3	523.2	508.9	508.9	506.9	500.8	502.9
5°	734.0	736.1	728.0	703.6	681.3	646.8	608.3	604.2	600.1	594.1	592.1
7.5°	904.4	912.4	904.4	877.9	833.4	780.7	719.8	713.8	701.6	701.6	693.5
10°	1078.8	1078.8	1070.6	1040.2	999.6	924.6	847.5	837.4	823.3	819.2	807.0
12.5°	1202.4	1202.4	1198.3	1182.2	1149.7	1082.8	989.5	979.4	961.2	955.0	940.9
15°	1251.0	1251.0	1253.1	1267.3	1269.4	1239.0	1141.6	1133.4	1115.2	1099.0	1092.9
17.5°	1281.4	1279.5	1279.5	1299.8	1336.2	1356.6	1293.6	1285.5	1265.3	1257.2	1236.9
20°	1348.4	1344.4	1332.2	1332.2	1366.6	1437.6	1437.6	1435.6	1413.3	1407.2	1397.1
22.5°	1447.8	1443.7	1407.2	1376.7	1393.0	1482.3	1565.4	1561.3	1553.2	1545.1	1539.0
25°	1610.0	1595.8	1532.9	1443.7	1429.6	1524.9	1662.7	1672.9	1678.9	1678.9	1683.0
27.5°	1855.4	1837.1	1725.6	1559.4	1496.4	1593.7	1770.2	1790.5	1808.7	1812.8	1831.0
30°	2195.9	2163.6	2003.4	1760.1	1616.1	1695.2	1928.4	1950.7	1977.0	1985.1	2013.5
32.5°	2755.6	2737.4	2583.3	2218.2	1910.0	1893.9	2149.4	2177.7	2212.2	2226.4	2260.8
35°	3607.3	3611.4	3485.6	3157.1	2731.3	2508.2	2544.8	2569.0	2581.2	2623.8	2642.1
37.5°	4185.2	4195.3	4223.7	4093.9	3789.8	3562.6	3276.7	3303.2	3240.2	3246.3	3248.4
40°	4501.5	4533.9	4700.2	4825.9	4801.6	4669.8	4440.7	4454.8	4337.2	4310.9	4183.1
42.5°	4712.3	4754.9	5020.6	5409.8	5608.6	5728.3	5675.6	5669.4	5578.2	5543.7	5436.2
45°	4844.2	4882.7	5217.3	5791.1	6249.4	6598.1	6742.0	6758.3	6681.2	6646.7	6557.6
47.5°	4838.0	4882.7	5241.5	5933.0	6608.3	7165.8	7571.4	7591.6	7638.3	7607.9	7613.9
50°	4570.4	4613.0	4973.9	5691.7	6502.8	7425.4	8167.5	8232.4	8307.4	8358.1	8382.5
52.5°	4246.0	4276.4	4596.8	5278.1	6052.6	7317.9	8520.3	8631.8	8743.4	8838.7	8905.6
55°	4126.3	4160.8	4412.2	4978.0	5691.7	6867.7	8684.5	8848.8	9007.0	9163.2	9290.9
57.5°	4189.2	4221.6	4402.1	4836.0	5476.8	6393.3	8731.2	8986.7	9246.3	9499.7	9751.1
60°	4420.3	4454.8	4609.0	4967.8	5420.1	6119.6	8548.7	8972.6	9404.4	9846.4	10262.1
62.5°	4329.1	4343.3	4570.4	5199.0	5825.5	5886.4	7885.7	8477.8	9136.8	9818.1	10489.2
63°	4241.9	4258.2	4489.3	5136.1	5949.3	5851.9	7680.9	8305.4	9000.9	9734.9	10464.9
65°	3846.5	3848.5	4025.0	4536.0	5811.4	5912.7	6768.5	7364.6	8163.4	9043.5	9966.1
67.5°	2871.2	2857.0	3027.3	3416.7	4562.3	5914.8	5809.3	6143.9	6699.5	7480.2	8307.4
70°	1017.9	995.7	1271.3	1810.7	2842.8	4838.0	4992.2	5014.5	5168.6	5590.3	6109.5
72.5°	330.5	336.6	405.5	663.1	1309.9	3256.5	4519.7	4450.8	4410.2	4408.1	4477.1
75°	131.8	133.8	162.2	294.0	588.1	1569.4	3958.1	3996.5	4010.8	4031.0	4053.4
77.5°	62.8	69.0	91.2	164.3	291.9	776.6	2832.7	3159.1	3345.6	3489.7	3576.9
80°	22.3	26.4	50.7	101.3	135.8	356.8	1492.4	1800.6	2074.3	2427.2	2731.3
82.5°	0.0	0.0	10.1	70.9	75.0	143.9	612.3	717.7	821.2	1064.5	1366.6
85°	0.0	0.0	0.0	20.3	22.3	24.4	206.9	249.5	279.9	326.4	377.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.0	12.2	30.4	46.7
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9
2.5°	498.8	496.8	496.8	492.8	490.7	486.6	484.7	478.5	476.5	476.5	476.5
5°	590.1	581.9	577.9	567.8	561.6	559.6	549.5	545.5	539.3	541.4	531.2
7.5°	691.4	677.2	671.2	656.9	653.0	638.7	634.6	624.5	618.5	606.3	602.2
10°	802.9	784.7	774.6	752.2	746.2	736.1	723.9	711.7	701.6	689.4	683.4
12.5°	930.8	914.5	906.4	876.0	861.8	847.5	831.4	815.1	798.9	788.8	774.6
15°	1080.7	1054.4	1046.3	1017.9	993.6	975.3	953.0	932.7	920.5	900.3	886.1
17.5°	1228.7	1202.4	1196.4	1153.8	1127.4	1115.2	1091.0	1064.5	1042.2	1022.0	999.6
20°	1376.7	1358.5	1342.3	1301.8	1273.4	1253.1	1220.6	1194.3	1176.0	1147.7	1119.3
22.5°	1524.9	1506.5	1494.5	1451.9	1425.5	1397.1	1368.7	1340.3	1313.9	1279.5	1247.1
25°	1676.9	1664.8	1658.6	1620.2	1595.8	1569.4	1541.0	1508.6	1476.1	1437.6	1403.2
27.5°	1835.0	1839.1	1826.9	1818.8	1792.4	1774.2	1729.6	1707.4	1683.0	1636.3	1593.7
30°	2035.8	2047.9	2043.9	2050.0	2033.8	2021.6	1987.1	1958.8	1930.4	1885.8	1837.1
32.5°	2289.3	2305.5	2313.5	2335.9	2327.8	2323.8	2313.5	2273.0	2252.7	2175.8	2155.4
35°	2680.6	2672.5	2706.9	2725.2	2717.0	2713.1	2700.9	2678.6	2654.2	2599.5	2548.8
37.5°	3189.5	3197.6	3209.8	3173.4	3149.0	3147.0	3110.5	3088.2	3053.7	2992.9	2932.0
40°	4122.2	4071.6	4014.9	3860.7	3793.8	3755.3	3647.8	3617.4	3558.5	3475.4	3412.6
42.5°	5334.8	5284.1	5113.8	4856.4	4718.4	4527.8	4440.7	4333.2	4250.0	4114.2	4041.2
45°	6539.3	6393.3	6373.0	6072.9	5902.6	5651.2	5495.0	5314.5	5126.0	4947.6	4817.8
47.5°	7555.2	7522.7	7423.4	7240.8	7082.7	6871.8	6671.1	6393.3	6198.6	5945.2	5712.0
50°	8368.2	8366.2	8329.7	8224.3	8092.5	7922.2	7745.8	7510.6	7289.6	6979.3	6729.9
52.5°	8976.6	9009.0	9021.2	8988.7	8938.1	8788.0	8698.8	8502.1	8315.5	8051.9	7782.2
55°	9422.6	9542.3	9603.1	9672.1	9657.9	9605.2	9601.1	9473.3	9388.2	9179.3	8988.7
57.5°	9974.2	10170.9	10359.4	10694.1	10706.1	10823.9	10884.7	10945.5	10961.6	10878.5	10815.7
60°	10675.7	11077.3	11434.1	12133.7	12316.2	12604.1	12790.7	12993.5	13165.7	13180.0	13175.9
62.5°	11170.5	11789.0	12364.9	13403.0	13757.9	14090.4	14339.8	14536.5	14656.1	14777.8	14834.5
63°	11184.8	11862.0	12474.3	13545.0	13918.1	14234.4	14471.7	14654.1	14779.9	14852.8	14889.3
65°	10842.1	11663.2	12393.2	13459.8	13810.6	14129.0	14252.6	14372.3	14433.1	14461.4	14353.9
67.5°	9189.5	9992.5	10844.0	12036.3	12336.4	12717.6	12819.1	12879.9	12908.2	12902.2	12811.0
70°	6871.8	7545.1	8492.0	9854.6	10252.0	10625.1	10856.2	10955.6	10988.0	10977.9	10842.1
72.5°	4797.5	5192.9	5973.5	7490.3	8031.7	8510.2	8796.1	8944.1	8974.5	8913.7	8788.0
75°	4029.0	4049.3	4225.7	5055.0	5561.9	6072.9	6395.3	6488.6	6427.8	6243.2	5922.9
77.5°	3597.1	3641.8	3641.8	3765.4	3864.8	4006.7	4037.2	3810.0	3546.5	3205.8	2930.1
80°	3017.2	3173.4	3282.8	3374.1	3384.2	3355.9	3280.7	3153.1	2950.3	2690.7	2402.8
82.5°	1833.1	2141.3	2267.0	2737.4	2968.5	3124.6	3112.5	2942.1	2788.1	2518.4	2273.0
85°	462.4	498.8	541.4	703.6	788.8	963.1	1072.6	1123.3	1141.6	1048.4	949.0
87.5°	44.6	30.4	50.7	38.5	54.8	40.5	54.8	50.7	62.8	66.9	73.0
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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CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9
2.5°	472.5	470.4	468.4	466.4	464.3	462.4	458.3	458.3	454.2	452.1	450.2
5°	525.2	521.1	519.1	515.1	508.9	504.8	498.8	490.7	484.7	482.6	478.5
7.5°	592.1	581.9	577.9	571.8	563.7	551.5	543.4	537.4	527.3	521.1	508.9
10°	667.1	656.9	644.8	632.7	620.5	606.3	596.1	588.1	571.8	563.7	549.5
12.5°	762.4	744.2	729.9	713.8	697.5	681.3	669.1	644.8	630.6	612.3	600.1
15°	859.7	843.5	827.3	807.0	782.6	756.3	744.2	721.8	703.6	675.3	659.0
17.5°	977.3	946.9	922.6	898.3	876.0	851.6	827.3	792.9	766.5	742.1	709.7
20°	1092.9	1056.5	1030.0	997.6	965.2	926.7	898.3	873.9	837.4	805.0	770.6
22.5°	1216.6	1180.1	1137.5	1105.1	1060.5	1030.0	991.6	951.0	914.5	871.9	829.3
25°	1366.6	1328.1	1279.5	1236.9	1186.1	1143.7	1097.0	1050.3	1005.7	957.1	902.3
27.5°	1551.2	1510.6	1457.9	1407.2	1340.3	1287.6	1243.0	1180.1	1123.3	1062.5	999.6
30°	1784.3	1739.7	1674.9	1601.8	1535.0	1476.1	1413.3	1330.2	1267.3	1194.3	1113.2
32.5°	2088.6	2035.8	1948.6	1879.6	1796.5	1719.4	1632.2	1549.1	1460.0	1364.7	1271.3
35°	2471.8	2423.1	2321.7	2220.3	2129.1	2037.8	1928.4	1833.1	1707.4	1591.7	1472.1
37.5°	2869.2	2781.9	2688.7	2579.3	2465.6	2356.1	2222.3	2090.5	1946.6	1820.9	1670.8
40°	3323.4	3217.9	3140.9	3023.3	2863.1	2706.9	2583.3	2419.1	2238.6	2070.2	1893.9
42.5°	3945.9	3828.3	3690.4	3512.0	3396.4	3213.9	3053.7	2859.0	2621.7	2433.2	2220.3
45°	4665.7	4505.5	4371.7	4199.3	4059.4	3832.4	3645.8	3386.3	3149.0	2901.6	2642.1
47.5°	5486.9	5288.2	5093.5	4923.2	4700.2	4477.1	4239.9	3964.1	3660.0	3388.2	3080.0
50°	6429.7	6147.9	5878.2	5659.3	5353.1	5095.6	4838.0	4527.8	4191.2	3878.9	3528.1
52.5°	7478.1	7151.7	6794.8	6458.2	6103.3	5772.8	5462.5	5105.7	4730.6	4349.4	3958.1
55°	8743.4	8498.0	8078.4	7650.5	7175.9	6734.0	6334.4	5892.5	5436.2	4935.4	4523.8
57.5°	10724.5	10604.8	10254.0	9826.2	9207.7	8670.4	7993.2	7451.7	6790.8	6101.3	5570.0
60°	13409.1	13261.0	13064.4	12717.6	12226.9	11497.0	10750.8	9909.3	8903.6	7948.6	7042.2
62.5°	14840.7	14787.9	14627.8	14388.4	13930.2	13354.4	12602.1	11677.4	10542.0	9382.1	8226.4
63°	14883.2	14816.3	14678.4	14435.1	14031.6	13474.0	12735.9	11837.6	10726.5	9544.4	8364.2
65°	14307.4	14281.0	14141.0	13875.4	13599.8	13173.8	12602.1	11829.5	10896.7	9779.6	8605.5
67.5°	12689.3	12610.1	12395.3	12314.1	12121.5	11825.4	11389.5	10858.2	10191.2	9313.1	8299.3
70°	10732.5	10614.9	10345.2	10201.3	9966.1	9779.6	9514.0	9134.7	8723.1	8110.7	7354.5
72.5°	8658.2	8414.9	8167.5	7792.4	7463.9	7131.4	6837.3	6569.7	6117.5	5870.1	5296.3
75°	5622.7	5180.7	4757.0	4189.2	3678.2	3226.1	2786.0	2563.0	2098.7	1910.0	1640.4
77.5°	2668.4	2421.0	2088.6	1831.0	1502.5	1226.8	1001.7	752.2	590.1	462.4	352.8
80°	2153.3	1944.5	1743.8	1510.6	1263.2	1007.7	772.5	577.9	409.5	283.8	200.7
82.5°	1920.3	1693.1	1445.7	1285.5	1117.3	914.5	750.2	612.3	452.1	330.5	225.1
85°	746.2	628.6	484.7	395.4	308.2	253.4	229.1	158.1	123.7	97.3	75.0
87.5°	64.9	52.7	42.6	28.4	30.4	16.3	18.2	12.2	10.1	10.1	8.1
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9	427.9
2.5°	448.1	446.1	444.0	440.0	440.0	436.0	433.9	431.9	421.7	399.4	381.2
5°	470.4	466.4	462.4	456.2	452.1	446.1	442.0	436.0	413.6	371.1	334.6
7.5°	502.9	494.7	488.7	476.5	470.4	462.4	456.2	446.1	409.5	344.6	294.0
10°	541.4	527.3	517.0	502.9	490.7	480.6	470.4	456.2	405.5	316.3	257.5
12.5°	588.1	571.8	551.5	535.3	519.1	504.8	490.7	472.5	399.4	291.9	229.1
15°	634.6	610.4	596.1	573.8	551.5	531.2	511.0	494.7	401.5	265.6	204.8
17.5°	687.3	663.1	632.7	608.3	584.0	557.7	533.3	500.8	391.3	245.4	186.5
20°	738.1	703.6	675.3	644.8	610.4	577.9	547.4	519.1	383.2	225.1	170.3
22.5°	792.9	752.2	715.8	677.2	634.6	598.2	561.6	525.2	369.0	206.9	156.1
25°	859.7	813.0	760.3	713.8	669.1	624.5	577.9	533.3	354.9	190.6	146.0
27.5°	940.9	880.0	827.3	768.5	705.7	648.9	598.2	549.5	340.7	178.4	135.8
30°	1044.3	973.2	898.3	823.3	756.3	691.4	620.5	559.6	326.4	166.2	125.7
32.5°	1182.2	1092.9	1001.7	914.5	825.2	742.1	667.1	588.1	318.3	156.1	115.6
35°	1364.7	1249.1	1137.5	1028.0	920.5	819.2	721.8	632.7	318.3	143.9	103.4
37.5°	1536.9	1403.2	1261.2	1125.3	997.6	880.0	764.4	656.9	302.2	133.8	93.3
40°	1723.5	1563.3	1397.1	1236.9	1082.8	936.8	805.0	681.3	287.9	121.7	83.1
42.5°	2009.4	1806.7	1589.8	1403.2	1218.6	1038.1	873.9	728.0	269.7	109.5	73.0
45°	2384.6	2127.0	1871.6	1644.4	1409.3	1188.2	993.6	813.0	265.6	99.4	62.8
47.5°	2786.0	2481.9	2181.8	1891.8	1616.1	1358.5	1125.3	908.3	265.6	89.3	54.8
50°	3185.4	2804.3	2484.0	2147.3	1837.1	1532.9	1255.1	1007.7	267.7	81.1	44.6
52.5°	3546.5	3138.9	2780.0	2390.6	2047.9	1695.2	1393.0	1105.1	263.6	70.9	36.4
55°	4047.2	3568.8	3153.1	2723.2	2321.7	1924.3	1581.6	1251.0	265.6	62.8	30.4
57.5°	4969.9	4408.1	3907.4	3343.7	2881.3	2368.3	1952.6	1551.2	290.0	52.7	22.3
60°	6293.9	5564.0	4860.4	4173.0	3585.0	2974.6	2435.2	1962.9	340.7	42.6	16.3
62.5°	7184.1	6229.0	5389.6	4631.3	3947.9	3309.2	2721.1	2183.8	375.1	34.5	10.1
63°	7275.3	6287.9	5444.3	4661.7	3964.1	3325.4	2733.3	2200.0	377.2	32.4	10.1
65°	7447.7	6389.2	5474.7	4667.7	3947.9	3303.2	2725.2	2198.0	381.2	26.4	8.1
67.5°	7251.0	6233.1	5298.4	4493.4	3805.9	3171.3	2623.8	2116.9	379.1	18.2	6.0
70°	6484.5	5641.1	4819.8	4069.5	3445.0	2871.2	2388.7	1930.4	348.7	12.2	4.1
72.5°	4761.0	4187.1	3550.5	3009.1	2595.4	2155.4	1839.1	1449.8	269.7	8.1	2.0
75°	1411.2	1285.5	1080.7	953.0	841.5	695.5	618.5	482.6	137.9	4.1	0.0
77.5°	281.9	255.5	229.1	208.8	196.6	168.3	160.2	131.8	56.8	2.0	0.0
80°	148.0	121.7	103.4	91.2	79.1	64.9	54.8	44.6	10.1	0.0	0.0
82.5°	142.0	95.3	69.0	56.8	48.6	38.5	30.4	22.3	6.0	0.0	0.0
85°	52.7	40.5	30.4	24.4	20.3	18.2	14.2	12.2	0.0	0.0	0.0
87.5°	8.1	6.0	6.0	4.1	4.1	2.0	2.0	2.0	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-7060

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	427.9	427.9	427.9	427.9	427.9	427.9	427.9
2.5°	363.0	346.7	338.6	328.5	328.5	326.4	330.5
5°	302.2	279.9	263.6	251.4	253.4	247.4	249.5
7.5°	255.5	233.2	218.9	210.9	208.8	206.9	206.9
10°	221.0	200.7	188.5	182.5	180.5	180.5	180.5
12.5°	196.6	176.4	166.2	162.2	162.2	160.2	160.2
15°	176.4	160.2	150.1	146.0	146.0	143.9	146.0
17.5°	160.2	143.9	135.8	131.8	131.8	129.8	129.8
20°	146.0	131.8	123.7	117.6	117.6	115.6	117.6
22.5°	133.8	119.7	109.5	105.4	103.4	101.3	103.4
25°	121.7	107.5	97.3	91.2	89.3	89.3	87.2
27.5°	111.6	97.3	85.2	79.1	77.1	77.1	75.0
30°	101.3	85.2	73.0	66.9	64.9	64.9	64.9
32.5°	91.2	73.0	62.8	56.8	54.8	54.8	54.8
35°	81.1	62.8	52.7	46.7	44.6	44.6	44.6
37.5°	69.0	52.7	40.5	36.4	34.5	32.4	32.4
40°	58.9	40.5	30.4	26.4	22.3	22.3	22.3
42.5°	48.6	32.4	22.3	16.3	14.2	12.2	14.2
45°	40.5	24.4	14.2	8.1	6.0	6.0	6.0
47.5°	32.4	16.3	6.0	2.0	2.0	2.0	2.0
50°	24.4	10.1	2.0	0.0	0.0	2.0	2.0
52.5°	18.2	6.0	0.0	0.0	0.0	0.0	0.0
55°	10.1	2.0	0.0	0.0	0.0	0.0	0.0
57.5°	6.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	4.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.0	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.0	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)