

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: P165100

Luminaire Tested: **VST-F10-LED-E-U-SL2-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P165100
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-F10-LED-E-U-SL2-HSS-8030
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(10) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (70) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12622.5 lumens
Efficiency: N/A
Efficacy: 48.8 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.67' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G3

Input Watts (W): 258.7
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

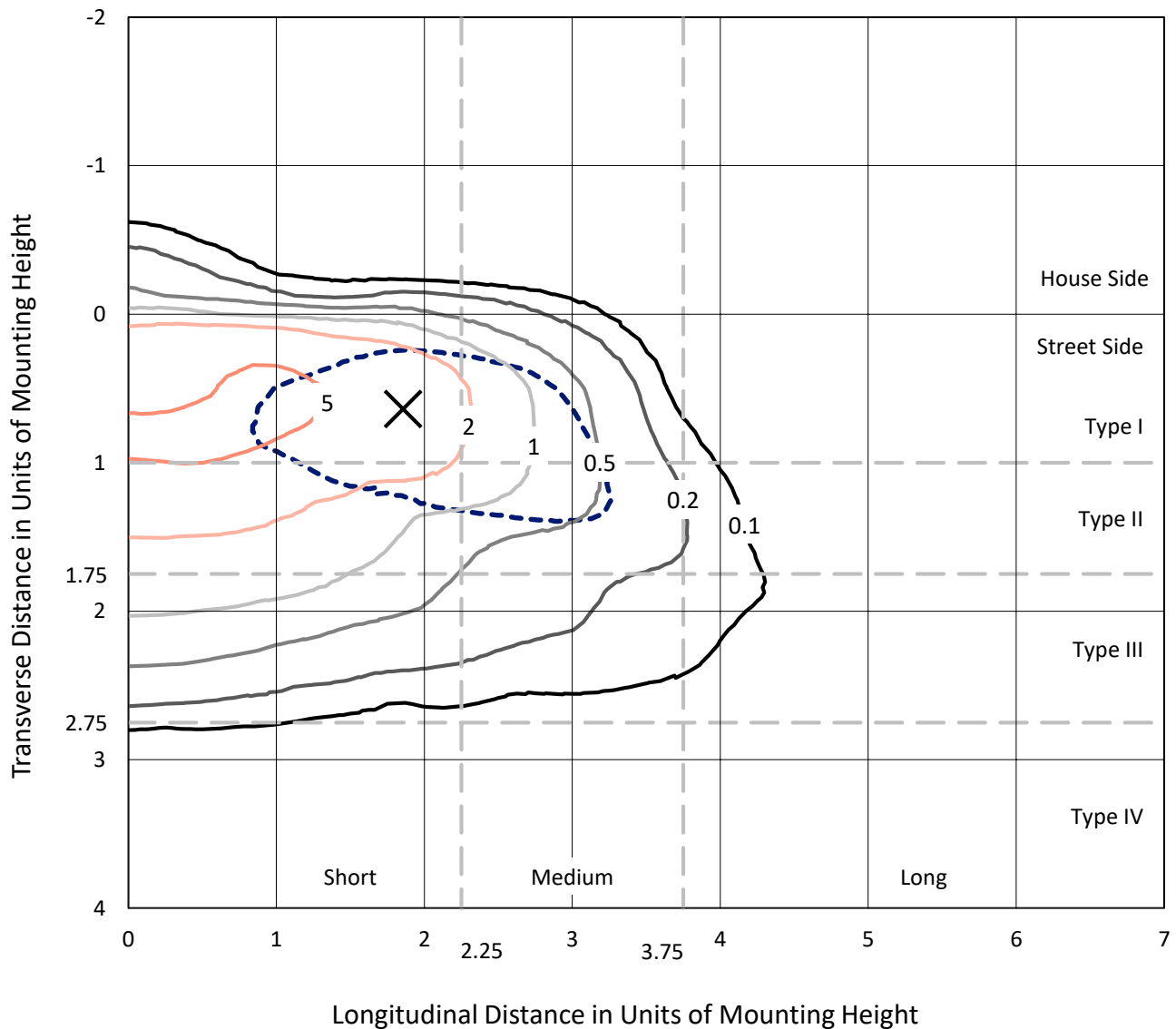


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

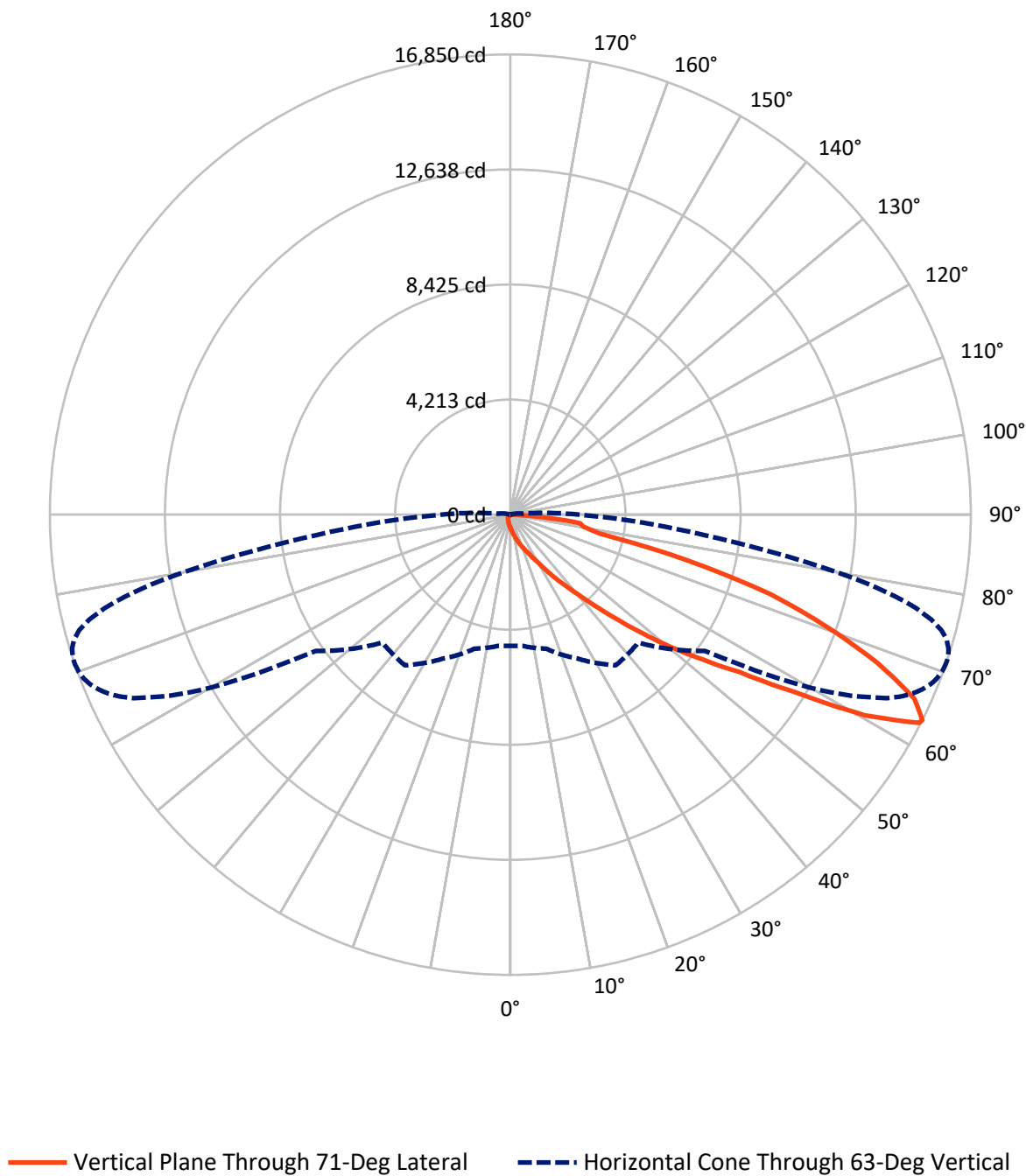


Based on 20 foot mounting height. Maximum calculated value = 6.6 fc
Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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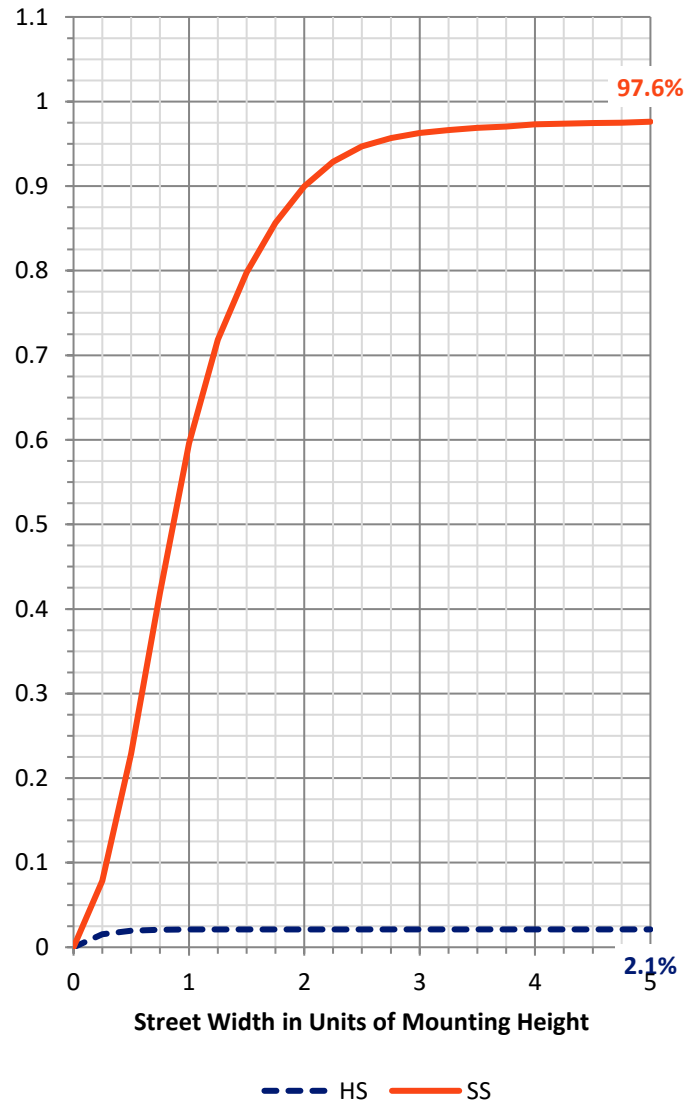
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	268.0	0.0	268.0
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	12354.5	0.0	12354.5
	% Fixture	97.9	0.0	97.9
Total	Lumens	12622.5	0.0	12622.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.5	0.4
10°-20°	207.5	1.6
20°-30°	421.6	3.3
30°-40°	1029.9	8.2
40°-50°	2303.4	18.2
50°-60°	3238.8	25.7
60°-70°	3808.6	30.2
70°-80°	1375.2	10.9
80°-90°	183.9	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°	12622.5	100.0
0°-180°	12622.5	100.0

Coefficient of Utilization



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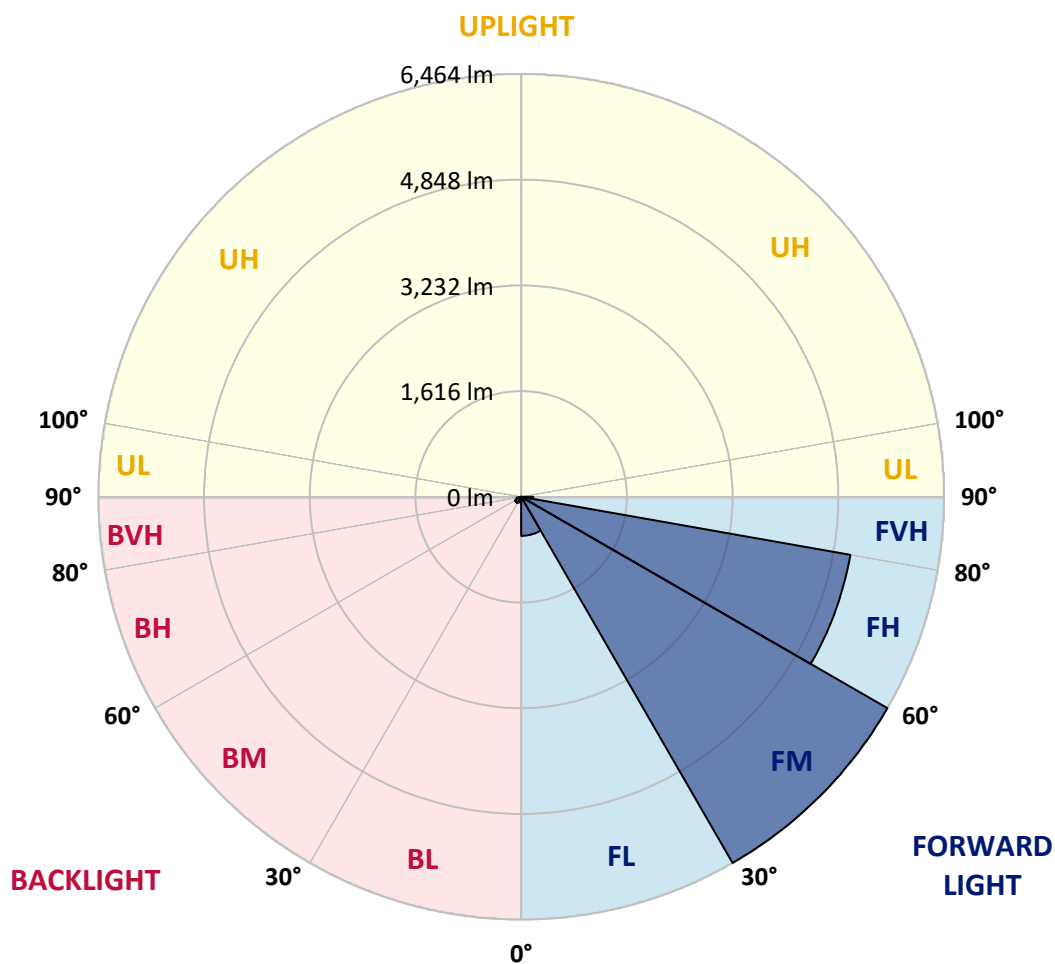
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	596.5	4.7			
FM	(30°-60°)	6464.2	51.2			
FH	(60°-80°)	5110.4	40.5			G3/7500
FVH	(80°-90°)	183.5	1.5			G2/225
BL	(0°-30°)	86.2	0.7	B0/110		
BM	(30°-60°)	107.9	0.9	B0/220		
BH	(60°-80°)	73.5	0.6	B0/110		G0/110
BVH	(80°-90°)	0.4	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-G3

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2
2.5°	633.3	640.2	635.6	624.1	610.3	592.1	575.9	575.9	573.7	566.7	569.1
5°	830.6	833.0	823.8	796.2	771.0	732.0	688.4	683.8	679.2	672.3	670.1
7.5°	1023.5	1032.6	1023.5	993.5	943.1	883.5	814.6	807.8	794.0	794.0	784.8
10°	1220.8	1220.8	1211.6	1177.2	1131.2	1046.4	959.1	947.7	931.7	927.1	913.3
12.5°	1360.7	1360.7	1356.1	1337.9	1301.1	1225.4	1119.8	1108.4	1087.7	1080.8	1064.8
15°	1415.8	1415.8	1418.1	1434.2	1436.5	1402.1	1291.9	1282.7	1262.1	1243.7	1236.8
17.5°	1450.2	1448.0	1448.0	1470.9	1512.2	1535.2	1464.0	1454.8	1431.9	1422.7	1399.7
20°	1526.0	1521.4	1507.6	1507.6	1546.6	1626.9	1626.9	1624.6	1599.4	1592.5	1581.0
22.5°	1638.4	1633.8	1592.5	1558.0	1576.4	1677.5	1771.5	1766.9	1757.7	1748.5	1741.7
25°	1822.0	1805.9	1734.7	1633.8	1617.8	1725.7	1881.6	1893.2	1900.0	1900.0	1904.6
27.5°	2099.7	2079.1	1952.8	1764.7	1693.5	1803.6	2003.3	2026.2	2046.9	2051.5	2072.1
30°	2485.1	2448.5	2267.2	1991.8	1828.9	1918.4	2182.3	2207.5	2237.4	2246.6	2278.6
32.5°	3118.4	3097.8	2923.5	2510.3	2161.6	2143.3	2432.4	2464.5	2503.5	2519.5	2558.6
35°	4082.3	4086.9	3944.6	3572.9	3091.0	2838.5	2879.9	2907.3	2921.1	2969.3	2990.0
37.5°	4736.3	4747.7	4779.9	4633.0	4288.8	4031.7	3708.2	3738.1	3666.9	3673.7	3676.1
40°	5094.3	5130.9	5319.2	5461.4	5433.8	5284.7	5025.4	5041.4	4908.4	4878.5	4733.9
42.5°	5332.8	5381.0	5681.7	6122.2	6347.1	6482.6	6422.9	6416.0	6312.7	6273.7	6152.0
45°	5482.1	5525.7	5904.3	6553.6	7072.3	7466.9	7629.8	7648.2	7561.0	7522.0	7421.1
47.5°	5475.1	5525.7	5931.7	6714.3	7478.5	8109.4	8568.5	8591.3	8644.1	8609.7	8616.5
50°	5172.3	5220.5	5628.9	6441.2	7359.1	8403.2	9243.0	9316.5	9401.3	9458.7	9486.3
52.5°	4805.1	4839.5	5202.1	5973.1	6849.6	8281.5	9642.3	9768.5	9894.8	10002.6	10078.3
55°	4669.7	4708.7	4993.2	5633.5	6441.2	7772.1	9828.2	10014.0	10193.1	10369.8	10514.3
57.5°	4740.9	4777.5	4981.8	5472.9	6198.0	7235.2	9881.0	10170.1	10463.9	10750.6	11035.2
60°	5002.4	5041.4	5215.9	5622.0	6133.8	6925.4	9674.5	10154.1	10642.8	11143.0	11613.5
62.5°	4899.2	4915.2	5172.3	5883.7	6592.7	6661.5	8924.1	9594.2	10340.0	11111.0	11870.4
63°	4800.5	4818.9	5080.5	5812.4	6732.7	6622.5	8692.3	9399.1	10186.1	11016.8	11843.0
65°	4353.1	4355.3	4555.0	5133.3	6576.6	6691.3	7659.8	8334.4	9238.4	10234.3	11278.5
67.5°	3249.3	3233.3	3426.0	3866.6	5163.1	6693.7	6574.3	6953.0	7581.7	8465.2	9401.3
70°	1152.0	1126.8	1438.8	2049.1	3217.1	5475.1	5649.5	5674.8	5849.2	6326.5	6914.0
72.5°	374.0	381.0	458.9	750.4	1482.4	3685.3	5114.9	5036.8	4991.0	4988.6	5066.7
75°	149.1	151.5	183.5	332.8	665.5	1776.1	4479.3	4522.8	4539.0	4561.8	4587.2
77.5°	71.1	78.0	103.3	185.9	330.4	878.9	3205.7	3575.1	3786.2	3949.2	4047.9
80°	25.2	29.8	57.4	114.7	153.7	403.8	1688.9	2037.7	2347.4	2746.8	3091.0
82.5°	0.0	0.0	11.4	80.3	84.9	162.9	693.0	812.3	929.3	1204.7	1546.6
85°	0.0	0.0	0.0	23.0	25.2	27.6	234.1	282.3	316.7	369.4	426.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	6.8	13.8	34.4	52.8
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°	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2
2.5°	564.5	562.3	562.3	557.7	555.3	550.7	548.5	541.5	539.3	539.3	539.3
5°	667.8	658.6	654.0	642.5	635.6	633.3	621.9	617.3	610.3	612.7	601.1
7.5°	782.4	766.4	759.6	743.4	739.0	722.8	718.2	706.8	699.9	686.1	681.5
10°	908.7	888.1	876.6	851.3	844.4	833.0	819.2	805.4	794.0	780.2	773.4
12.5°	1053.3	1034.9	1025.7	991.3	975.3	959.1	940.9	922.5	904.1	892.7	876.6
15°	1223.0	1193.2	1184.0	1152.0	1124.4	1103.8	1078.5	1055.6	1041.8	1018.9	1002.7
17.5°	1390.5	1360.7	1353.9	1305.7	1275.9	1262.1	1234.6	1204.7	1179.4	1156.6	1131.2
20°	1558.0	1537.4	1519.0	1473.2	1441.1	1418.1	1381.3	1351.5	1330.9	1298.9	1266.7
22.5°	1725.7	1704.9	1691.3	1643.0	1613.2	1581.0	1549.0	1516.8	1487.0	1448.0	1411.3
25°	1897.8	1884.0	1877.0	1833.5	1805.9	1776.1	1743.9	1707.3	1670.5	1626.9	1588.0
27.5°	2076.7	2081.3	2067.5	2058.3	2028.5	2007.9	1957.4	1932.2	1904.6	1851.8	1803.6
30°	2303.8	2317.6	2313.0	2320.0	2301.6	2287.8	2248.8	2216.7	2184.5	2134.1	2079.1
32.5°	2590.7	2609.1	2618.2	2643.6	2634.4	2629.8	2618.2	2572.3	2549.4	2462.3	2439.3
35°	3033.6	3024.4	3063.4	3084.0	3074.8	3070.4	3056.6	3031.4	3003.8	2941.8	2884.5
37.5°	3609.5	3618.7	3632.5	3591.3	3563.7	3561.4	3520.0	3494.8	3455.8	3387.0	3318.1
40°	4665.1	4607.8	4543.6	4369.1	4293.4	4249.8	4128.2	4093.7	4027.1	3933.1	3862.0
42.5°	6037.4	5979.9	5787.2	5495.9	5339.8	5124.1	5025.4	4903.8	4809.7	4656.0	4573.4
45°	7400.4	7235.2	7212.2	6872.6	6679.9	6395.3	6218.6	6014.4	5801.0	5599.1	5452.2
47.5°	8550.1	8513.3	8401.0	8194.3	8015.4	7776.7	7549.5	7235.2	7014.9	6728.1	6464.2
50°	9470.2	9467.9	9426.6	9307.3	9158.2	8965.5	8765.8	8499.6	8249.5	7898.3	7616.2
52.5°	10158.7	10195.3	10209.1	10172.3	10115.1	9945.2	9844.3	9621.6	9410.5	9112.2	8807.0
55°	10663.4	10798.8	10867.7	10945.7	10929.7	10870.0	10865.5	10720.8	10624.5	10388.0	10172.3
57.5°	11287.7	11510.2	11723.6	12102.3	12116.0	12249.2	12318.0	12386.8	12405.1	12311.0	12240.0
60°	12081.5	12535.9	12939.8	13731.5	13938.1	14263.8	14475.0	14704.5	14899.4	14915.6	14911.0
62.5°	12641.4	13341.4	13993.1	15167.9	15569.5	15945.9	16228.1	16450.8	16586.1	16723.7	16788.0
63°	12657.6	13424.0	14117.0	15328.6	15750.8	16108.8	16377.3	16583.8	16726.1	16808.6	16850.0
65°	12269.8	13199.1	14025.1	15232.2	15629.2	15989.5	16129.4	16264.9	16333.7	16365.8	16244.1
67.5°	10399.6	11308.3	12272.0	13621.3	13960.9	14392.3	14507.1	14576.0	14608.0	14601.2	14498.0
70°	7776.7	8538.6	9610.2	11152.2	11602.0	12024.3	12285.8	12398.3	12434.9	12423.5	12269.8
72.5°	5429.2	5876.7	6760.1	8476.6	9089.3	9630.8	9954.4	10121.9	10156.3	10087.5	9945.2
75°	4559.6	4582.6	4782.1	5720.6	6294.3	6872.6	7237.4	7343.0	7274.2	7065.3	6702.9
77.5°	4070.7	4121.3	4121.3	4261.2	4373.7	4534.4	4568.8	4311.7	4013.5	3627.9	3315.9
80°	3414.6	3591.3	3715.1	3818.4	3829.8	3797.8	3712.8	3568.3	3338.8	3045.0	2719.2
82.5°	2074.5	2423.2	2565.5	3097.8	3359.4	3536.1	3522.4	3329.6	3155.2	2850.1	2572.3
85°	523.2	564.5	612.7	796.2	892.7	1090.0	1213.9	1271.3	1291.9	1186.4	1073.9
87.5°	50.4	34.4	57.4	43.6	62.0	45.8	62.0	57.4	71.1	75.7	82.6
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2
2.5°	534.7	532.3	530.1	527.8	525.5	523.2	518.6	518.6	514.1	511.7	509.5
5°	594.3	589.7	587.5	582.9	575.9	571.3	564.5	555.3	548.5	546.1	541.5
7.5°	670.1	658.6	654.0	647.1	637.9	624.1	614.9	608.1	596.7	589.7	575.9
10°	755.0	743.4	729.8	716.0	702.2	686.1	674.6	665.5	647.1	637.9	621.9
12.5°	862.8	842.2	826.0	807.8	789.4	771.0	757.2	729.8	713.6	693.0	679.2
15°	972.9	954.5	936.3	913.3	885.7	855.9	842.2	816.9	796.2	764.2	745.8
17.5°	1106.0	1071.6	1044.1	1016.5	991.3	963.7	936.3	897.3	867.4	839.8	803.2
20°	1236.8	1195.6	1165.6	1129.0	1092.3	1048.7	1016.5	988.9	947.7	911.1	872.0
22.5°	1376.7	1335.5	1287.3	1250.6	1200.2	1165.6	1122.2	1076.2	1034.9	986.7	938.5
25°	1546.6	1503.0	1448.0	1399.7	1342.3	1294.3	1241.4	1188.6	1138.2	1083.1	1021.1
27.5°	1755.5	1709.5	1649.9	1592.5	1516.8	1457.2	1406.7	1335.5	1271.3	1202.4	1131.2
30°	2019.3	1968.8	1895.4	1812.8	1737.1	1670.5	1599.4	1505.4	1434.2	1351.5	1259.8
32.5°	2363.6	2303.8	2205.2	2127.1	2033.1	1945.8	1847.2	1753.1	1652.2	1544.4	1438.8
35°	2797.3	2742.2	2627.4	2512.7	2409.5	2306.2	2182.3	2074.5	1932.2	1801.3	1665.9
37.5°	3247.1	3148.3	3042.8	2918.9	2790.3	2666.4	2514.9	2365.8	2202.9	2060.7	1890.8
40°	3761.0	3641.7	3554.5	3421.4	3240.1	3063.4	2923.5	2737.6	2533.3	2342.8	2143.3
42.5°	4465.5	4332.4	4176.4	3974.5	3843.6	3637.1	3455.8	3235.5	2967.0	2753.6	2512.7
45°	5280.1	5098.9	4947.4	4752.3	4594.0	4337.0	4125.9	3832.2	3563.7	3283.7	2990.0
47.5°	6209.4	5984.5	5764.2	5571.5	5319.2	5066.7	4798.3	4486.1	4142.0	3834.4	3485.6
50°	7276.4	6957.5	6652.3	6404.5	6058.0	5766.6	5475.1	5124.1	4743.1	4389.7	3992.7
52.5°	8462.8	8093.4	7689.6	7308.6	6907.0	6533.0	6181.9	5778.0	5353.6	4922.2	4479.3
55°	9894.8	9617.0	9142.1	8657.9	8120.9	7620.8	7168.6	6668.5	6152.0	5585.3	5119.5
57.5°	12136.7	12001.3	11604.3	11120.2	10420.2	9812.1	9045.7	8433.0	7685.0	6904.8	6303.5
60°	15174.9	15007.3	14784.7	14392.3	13837.0	13011.0	12166.5	11214.2	10076.1	8995.3	7969.5
62.5°	16794.9	16735.2	16554.0	16283.1	15764.6	15112.9	14261.6	13215.1	11930.2	10617.6	9309.6
63°	16843.0	16767.4	16611.3	16335.9	15879.3	15248.3	14413.0	13396.4	12138.9	10801.2	9465.6
65°	16191.4	16161.6	16003.2	15702.6	15390.6	14908.6	14261.6	13387.2	12331.7	11067.4	9738.7
67.5°	14360.3	14270.7	14027.5	13935.7	13717.7	13382.6	12889.3	12288.0	11533.2	10539.5	9392.1
70°	12145.8	12012.7	11707.5	11544.6	11278.5	11067.4	10766.8	10337.6	9871.8	9178.8	8322.9
72.5°	9798.3	9523.0	9243.0	8818.6	8446.8	8070.4	7737.7	7434.9	6923.0	6643.1	5993.7
75°	6363.1	5862.9	5383.4	4740.9	4162.6	3650.9	3152.9	2900.5	2375.0	2161.6	1856.4
77.5°	3019.8	2739.8	2363.6	2072.1	1700.3	1388.3	1133.6	851.3	667.8	523.2	399.2
80°	2436.9	2200.6	1973.4	1709.5	1429.6	1140.4	874.3	654.0	463.5	321.2	227.1
82.5°	2173.1	1916.0	1636.1	1454.8	1264.4	1034.9	849.0	693.0	511.7	374.0	254.7
85°	844.4	711.4	548.5	447.4	348.8	286.8	259.3	178.9	140.0	110.1	84.9
87.5°	73.4	59.6	48.2	32.2	34.4	18.4	20.6	13.8	11.4	11.4	9.2
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°	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2	484.2
2.5°	507.1	504.9	502.5	497.9	497.9	493.4	491.1	488.8	477.3	452.0	431.4
5°	532.3	527.8	523.2	516.3	511.7	504.9	500.3	493.4	468.1	420.0	378.6
7.5°	569.1	559.9	553.1	539.3	532.3	523.2	516.3	504.9	463.5	390.0	332.8
10°	612.7	596.7	585.1	569.1	555.3	543.9	532.3	516.3	458.9	358.0	291.4
12.5°	665.5	647.1	624.1	605.7	587.5	571.3	555.3	534.7	452.0	330.4	259.3
15°	718.2	690.7	674.6	649.4	624.1	601.1	578.3	559.9	454.4	300.6	231.7
17.5°	777.8	750.4	716.0	688.4	660.9	631.1	603.5	566.7	442.8	277.7	211.1
20°	835.2	796.2	764.2	729.8	690.7	654.0	619.5	587.5	433.6	254.7	192.7
22.5°	897.3	851.3	810.0	766.4	718.2	676.9	635.6	594.3	417.6	234.1	176.7
25°	972.9	920.1	860.5	807.8	757.2	706.8	654.0	603.5	401.6	215.7	165.3
27.5°	1064.8	995.9	936.3	869.7	798.6	734.4	676.9	621.9	385.6	201.9	153.7
30°	1181.8	1101.4	1016.5	931.7	855.9	782.4	702.2	633.3	369.4	188.1	142.3
32.5°	1337.9	1236.8	1133.6	1034.9	933.9	839.8	755.0	665.5	360.2	176.7	130.8
35°	1544.4	1413.5	1287.3	1163.4	1041.8	927.1	816.9	716.0	360.2	162.9	117.1
37.5°	1739.3	1588.0	1427.3	1273.5	1129.0	995.9	865.1	743.4	342.0	151.5	105.6
40°	1950.4	1769.2	1581.0	1399.7	1225.4	1060.2	911.1	771.0	325.8	137.7	94.1
42.5°	2274.0	2044.6	1799.1	1588.0	1379.1	1174.8	988.9	823.8	305.2	123.9	82.6
45°	2698.6	2407.1	2118.1	1861.0	1594.8	1344.7	1124.4	920.1	300.6	112.5	71.1
47.5°	3152.9	2808.7	2469.1	2140.9	1828.9	1537.4	1273.5	1028.0	300.6	101.0	62.0
50°	3604.9	3173.6	2811.0	2430.1	2079.1	1734.7	1420.4	1140.4	302.9	91.8	50.4
52.5°	4013.5	3552.2	3146.0	2705.4	2317.6	1918.4	1576.4	1250.6	298.3	80.3	41.2
55°	4580.2	4038.7	3568.3	3081.8	2627.4	2177.7	1789.9	1415.8	300.6	71.1	34.4
57.5°	5624.3	4988.6	4421.9	3784.0	3260.7	2680.2	2209.8	1755.5	328.2	59.6	25.2
60°	7122.7	6296.7	5500.4	4722.5	4057.1	3366.3	2755.9	2221.3	385.6	48.2	18.4
62.5°	8130.1	7049.3	6099.4	5241.1	4467.7	3745.0	3079.4	2471.3	424.5	39.0	11.4
63°	8233.3	7115.9	6161.2	5275.5	4486.1	3763.3	3093.2	2489.7	426.8	36.6	11.4
65°	8428.4	7230.6	6195.7	5282.4	4467.7	3738.1	3084.0	2487.5	431.4	29.8	9.2
67.5°	8205.9	7053.9	5996.1	5085.1	4307.1	3588.9	2969.3	2395.7	429.0	20.6	6.8
70°	7338.4	6383.9	5454.5	4605.4	3898.7	3249.3	2703.2	2184.5	394.6	13.8	4.6
72.5°	5388.0	4738.5	4018.1	3405.4	2937.2	2439.3	2081.3	1640.7	305.2	9.2	2.2
75°	1597.1	1454.8	1223.0	1078.5	952.3	787.0	699.9	546.1	156.1	4.6	0.0
77.5°	319.0	289.1	259.3	236.3	222.5	190.5	181.3	149.1	64.2	2.2	0.0
80°	167.5	137.7	117.1	103.3	89.5	73.4	62.0	50.4	11.4	0.0	0.0
82.5°	160.7	107.9	78.0	64.2	55.0	43.6	34.4	25.2	6.8	0.0	0.0
85°	59.6	45.8	34.4	27.6	23.0	20.6	16.0	13.8	0.0	0.0	0.0
87.5°	9.2	6.8	6.8	4.6	4.6	2.2	2.2	2.2	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



REPORT NUMBER: P165100

CATALOG NUMBER: VST-F10-LED-E-U-SL2-HSS-8030

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	484.2	484.2	484.2	484.2	484.2	484.2	484.2
2.5°	410.8	392.4	383.2	371.8	371.8	369.4	374.0
5°	342.0	316.7	298.3	284.5	286.8	279.9	282.3
7.5°	289.1	263.9	247.8	238.7	236.3	234.1	234.1
10°	250.1	227.1	213.3	206.5	204.3	204.3	204.3
12.5°	222.5	199.7	188.1	183.5	183.5	181.3	181.3
15°	199.7	181.3	169.9	165.3	165.3	162.9	165.3
17.5°	181.3	162.9	153.7	149.1	149.1	146.9	146.9
20°	165.3	149.1	140.0	133.1	133.1	130.8	133.1
22.5°	151.5	135.4	123.9	119.3	117.1	114.7	117.1
25°	137.7	121.7	110.1	103.3	101.0	101.0	98.7
27.5°	126.2	110.1	96.4	89.5	87.2	87.2	84.9
30°	114.7	96.4	82.6	75.7	73.4	73.4	73.4
32.5°	103.3	82.6	71.1	64.2	62.0	62.0	62.0
35°	91.8	71.1	59.6	52.8	50.4	50.4	50.4
37.5°	78.0	59.6	45.8	41.2	39.0	36.6	36.6
40°	66.6	45.8	34.4	29.8	25.2	25.2	25.2
42.5°	55.0	36.6	25.2	18.4	16.0	13.8	16.0
45°	45.8	27.6	16.0	9.2	6.8	6.8	6.8
47.5°	36.6	18.4	6.8	2.2	2.2	2.2	2.2
50°	27.6	11.4	2.2	0.0	0.0	2.2	2.2
52.5°	20.6	6.8	0.0	0.0	0.0	0.0	0.0
55°	11.4	2.2	0.0	0.0	0.0	0.0	0.0
57.5°	6.8	0.0	0.0	0.0	0.0	0.0	0.0
60°	4.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.2	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.2	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.2	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)