

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: P158238

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158238
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33712)
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-SL2-8030
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (126) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15236.2 lumens
Efficiency: N/A
Efficacy: 101.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

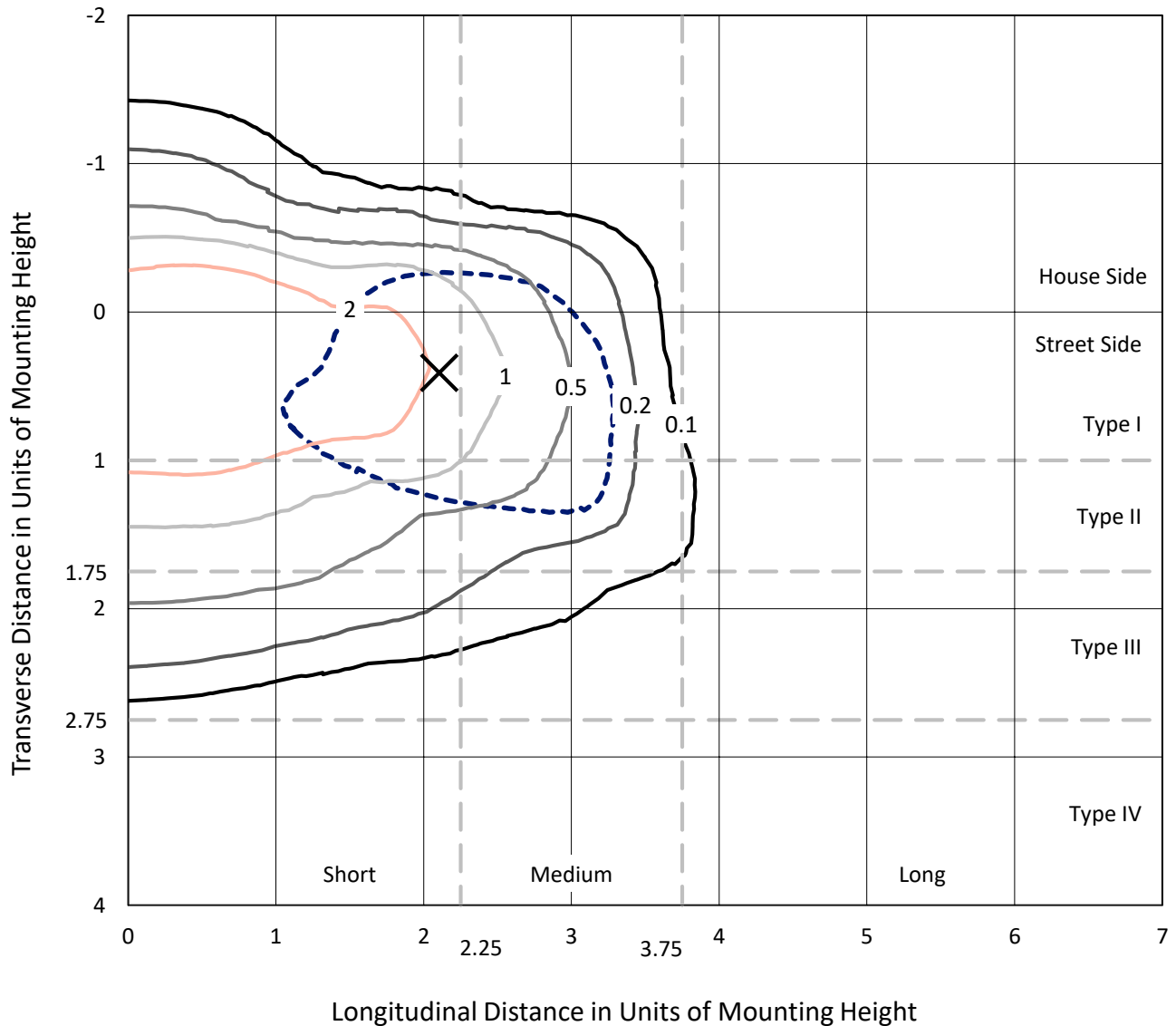
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P158238
 CATALOG NUMBER: VST-E06-LED-E-U-SL2-8030

Iso-Footcandle Lines of Horizontal Illumination

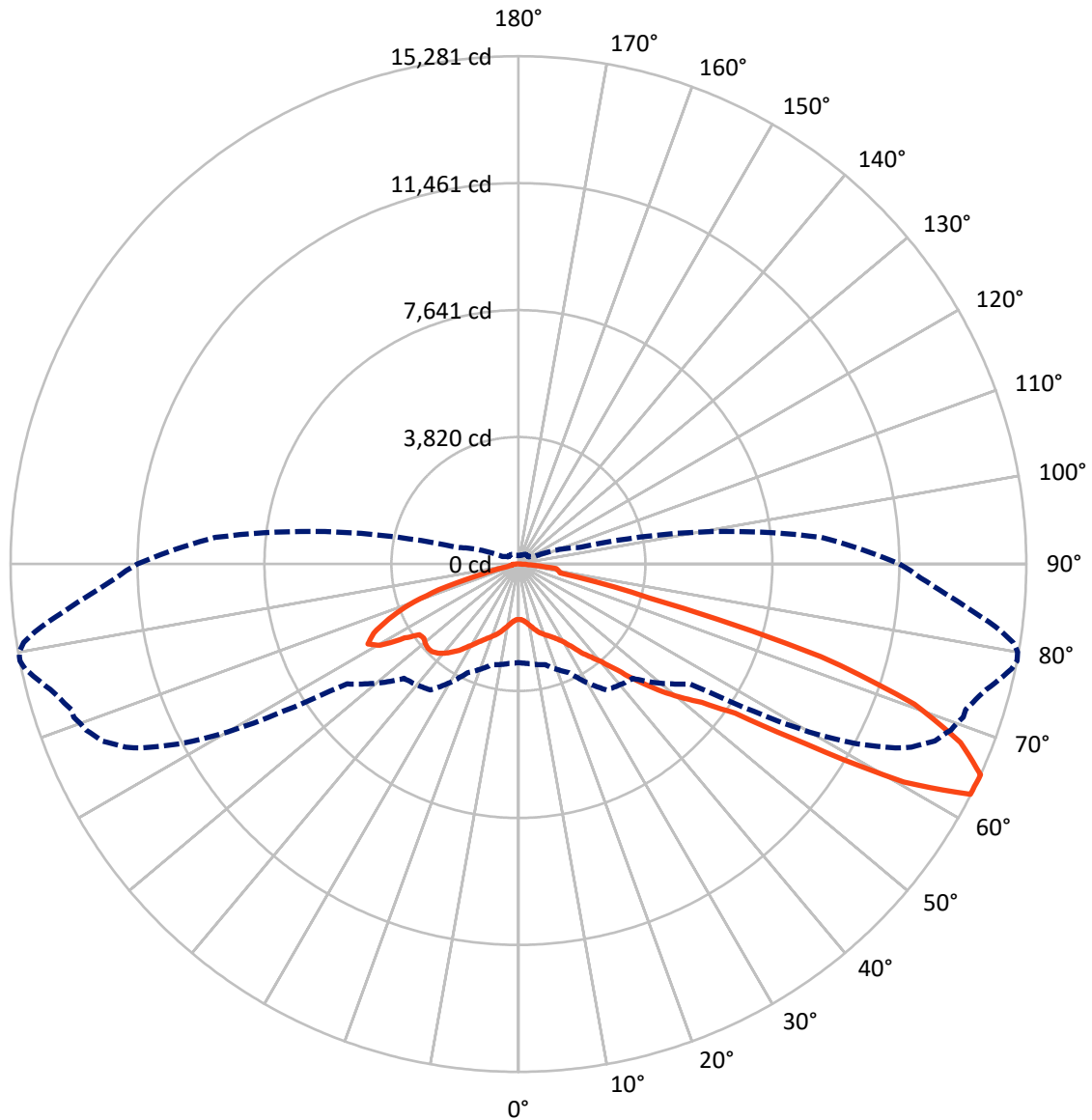
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P158238
CATALOG NUMBER: VST-E06-LED-E-U-SL2-8030

Luminous Intensity Polar Plot



— Vertical Plane Through 79-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P158238

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

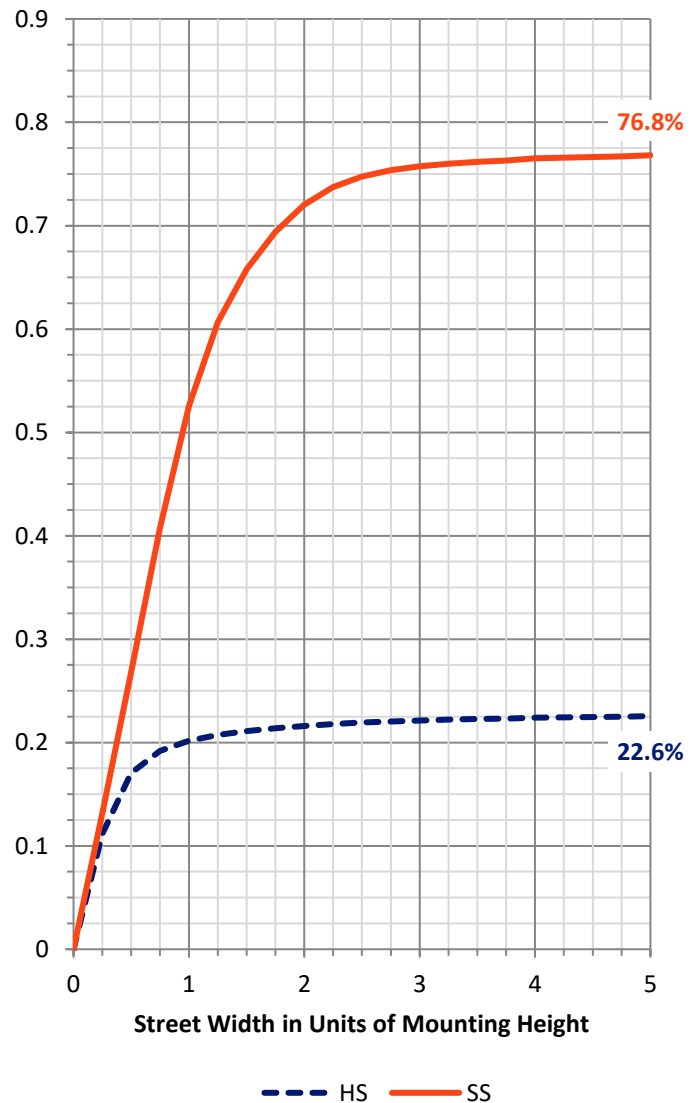
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3501.0	0.0	3501.0
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	11735.2	0.0	11735.2
	% Fixture	77.0	0.0	77.0
Total	Lumens	15236.2	0.0	15236.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	164.9	1.1
10°-20°	535.7	3.5
20°-30°	923.4	6.1
30°-40°	1512.6	9.9
40°-50°	2533.1	16.6
50°-60°	3426.4	22.5
60°-70°	4219.5	27.7
70°-80°	1633.3	10.7
80°-90°	287.2	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°	15236.2	100.0
0°-180°	15236.2	100.0



REPORT NUMBER: P158238

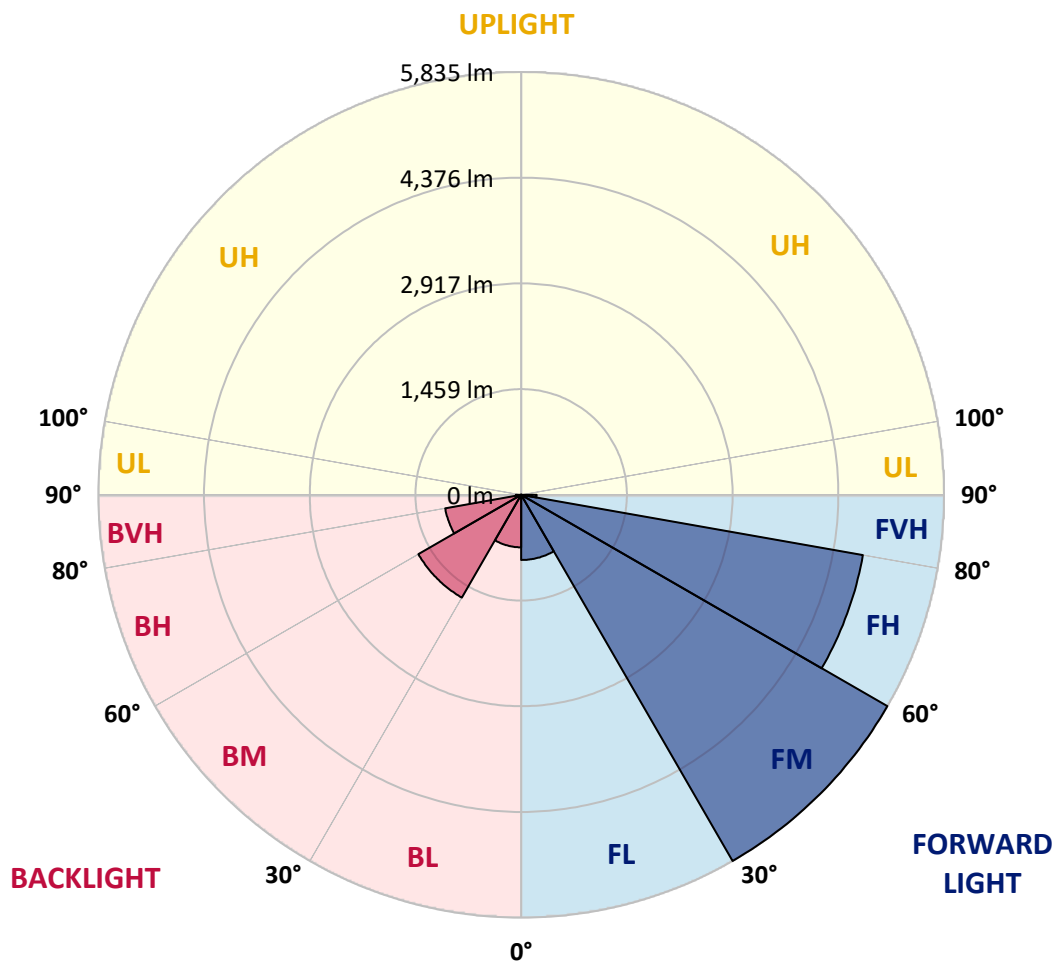
CATALOG NUMBER: VST-E06-LED-E-U-SL2-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	899.5	5.9			
FM (30°-60°)	5834.8	38.3			
FH (60°-80°)	4787.8	31.4			G2/5000
FVH (80°-90°)	213.1	1.4			G2/225
BL (0°-30°)	724.5	4.8	B2/1000		
BM (30°-60°)	1637.2	10.7	B2/2500		
BH (60°-80°)	1065.1	7.0	B3/2500		G3/2500
BVH (80°-90°)	74.1	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short





REPORT NUMBER: P158238

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1
2.5°	1670.1	1665.0	1670.1	1674.1	1677.2	1681.2	1680.2	1679.2	1678.2	1679.2	1679.2
5°	1684.3	1683.3	1688.3	1692.4	1699.5	1704.5	1710.6	1710.6	1710.6	1709.6	1711.6
7.5°	1729.8	1728.8	1733.9	1737.9	1744.0	1754.2	1762.3	1766.3	1765.3	1765.3	1765.3
10°	1804.8	1800.7	1800.7	1800.7	1808.8	1815.9	1834.2	1836.2	1840.2	1838.2	1839.2
12.5°	1877.7	1878.7	1875.7	1872.6	1873.7	1887.8	1914.2	1919.2	1920.2	1923.3	1925.3
15°	1943.5	1942.5	1935.4	1928.4	1937.5	1961.8	1996.2	2005.3	2005.3	2011.4	2015.5
17.5°	2004.3	2002.3	1989.1	1977.0	1986.1	2027.6	2081.3	2087.4	2096.5	2099.5	2103.6
20°	2076.2	2072.2	2057.0	2024.6	2024.6	2081.3	2152.2	2158.3	2166.4	2168.4	2175.5
22.5°	2176.5	2166.4	2133.9	2075.2	2059.0	2124.8	2211.9	2215.0	2221.0	2229.1	2235.2
25°	2289.9	2291.9	2239.3	2137.0	2101.5	2170.4	2269.7	2274.7	2285.9	2291.9	2299.0
27.5°	2407.4	2410.4	2351.7	2224.1	2164.3	2233.2	2347.6	2353.7	2366.9	2374.0	2385.1
30°	2541.1	2545.1	2488.4	2359.8	2268.6	2325.4	2463.1	2479.3	2490.4	2499.6	2517.8
32.5°	2862.1	2837.8	2798.3	2661.6	2517.8	2513.7	2649.5	2667.7	2682.9	2702.1	2719.3
35°	3266.2	3281.4	3301.7	3209.5	3082.9	2990.8	3001.9	2991.8	3006.0	3034.3	3051.5
37.5°	3586.3	3619.7	3707.8	3767.6	3762.5	3744.3	3574.1	3574.1	3583.2	3568.1	3566.0
40°	3837.5	3858.7	4039.0	4270.9	4466.4	4562.6	4427.9	4408.7	4418.8	4340.8	4343.9
42.5°	3967.1	3998.5	4257.8	4664.9	5052.8	5361.7	5320.2	5307.0	5276.6	5257.4	5245.2
45°	4032.9	4070.4	4379.3	4938.4	5503.5	5980.5	6195.2	6193.2	6165.9	6143.6	6133.5
47.5°	3999.5	4031.9	4361.1	5021.4	5740.5	6379.6	6854.6	6883.9	6875.8	6908.2	6921.4
50°	3780.7	3822.3	4152.4	4842.1	5641.2	6536.5	7311.3	7366.0	7439.9	7486.5	7548.3
52.5°	3583.2	3617.7	3915.4	4551.5	5315.1	6408.9	7586.8	7699.2	7800.5	7895.7	7969.6
55°	3376.6	3411.1	3672.4	4249.7	4986.0	6032.2	7712.4	7876.5	8034.5	8195.5	8343.4
57.5°	3298.7	3335.1	3529.6	4015.7	4716.6	5658.5	7774.2	8043.6	8300.8	8574.3	8857.9
60°	3501.2	3533.6	3681.5	4021.8	4511.0	5284.7	7649.6	8072.9	8515.5	8966.2	9401.7
62.5°	3439.4	3456.6	3641.0	4168.6	4773.3	4916.1	7109.8	7668.8	8312.0	8972.3	9639.7
65°	2967.5	3000.9	3139.6	3603.5	4626.4	4866.5	6287.4	6849.5	7608.1	8388.9	9283.2
67.5°	2128.9	2082.3	2189.7	2595.8	3589.3	4858.3	5361.7	5778.0	6372.5	6971.0	7704.3
70°	967.2	944.9	1029.0	1350.0	2165.3	3839.5	4533.2	4674.0	4894.8	5297.9	5793.2
72.5°	381.8	380.8	435.5	558.0	1023.9	2471.2	3812.1	3893.2	3971.1	4146.4	4360.1
75°	250.2	250.2	266.4	300.8	504.4	1193.1	3224.7	3298.7	3418.2	3467.8	3558.9
77.5°	188.4	189.4	196.5	204.6	278.5	627.9	2275.7	2538.0	2740.6	2891.5	3001.9
80°	133.7	139.8	152.9	158.0	181.3	357.5	1286.2	1475.6	1704.5	1948.6	2255.5
82.5°	100.3	107.4	129.6	135.7	143.8	203.6	580.3	658.3	768.7	996.6	1433.1
85°	46.6	51.7	89.1	97.2	104.3	117.5	294.7	329.2	373.7	409.2	477.0
87.5°	7.1	5.1	15.2	21.3	33.4	34.4	101.3	120.5	130.6	157.0	163.1
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: P158238

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

CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1
2.5°	1679.2	1680.2	1681.2	1679.2	1680.2	1680.2	1678.2	1677.2	1677.2	1677.2	1678.2
5°	1711.6	1713.6	1711.6	1712.6	1716.7	1715.7	1713.6	1712.6	1716.7	1717.7	1714.7
7.5°	1769.3	1770.4	1766.3	1771.4	1773.4	1774.4	1774.4	1776.4	1776.4	1779.5	1776.4
10°	1843.3	1843.3	1850.4	1849.4	1850.4	1852.4	1853.4	1857.5	1860.5	1860.5	1862.5
12.5°	1928.4	1929.4	1936.5	1937.5	1941.5	1942.5	1948.6	1944.6	1954.7	1954.7	1957.7
15°	2016.5	2023.6	2024.6	2034.7	2036.7	2037.7	2045.8	2045.8	2052.9	2053.9	2056.0
17.5°	2103.6	2109.6	2113.7	2121.8	2128.9	2131.9	2135.0	2141.0	2146.1	2148.1	2153.2
20°	2178.5	2184.6	2188.6	2196.7	2202.8	2207.9	2210.9	2218.0	2223.1	2225.1	2232.2
22.5°	2241.3	2245.4	2252.4	2263.6	2265.6	2271.7	2280.8	2285.9	2287.9	2294.0	2302.1
25°	2308.1	2314.2	2318.3	2328.4	2336.5	2346.6	2354.7	2362.8	2364.9	2373.0	2380.1
27.5°	2397.3	2403.3	2404.4	2424.6	2432.7	2446.9	2456.0	2468.2	2474.2	2481.3	2495.5
30°	2528.9	2543.1	2549.2	2572.5	2576.5	2592.7	2608.9	2613.0	2622.1	2623.1	2646.4
32.5°	2730.5	2750.7	2758.8	2783.1	2789.2	2804.4	2813.5	2834.8	2835.8	2845.9	2851.0
35°	3060.6	3055.6	3087.0	3093.1	3111.3	3124.5	3133.6	3133.6	3152.8	3153.8	3159.9
37.5°	3511.3	3501.2	3509.3	3472.9	3482.0	3465.8	3462.7	3466.8	3458.7	3460.7	3459.7
40°	4232.4	4186.9	4139.3	4026.8	4002.5	3956.0	3919.5	3890.1	3861.8	3831.4	3811.1
42.5°	5136.9	5071.0	5000.1	4819.9	4735.8	4645.7	4557.6	4506.9	4405.6	4343.9	4310.4
45°	6084.8	6007.9	5908.6	5758.7	5639.2	5543.0	5382.0	5306.0	5149.0	5071.0	4965.7
47.5°	6861.6	6862.7	6782.6	6630.7	6503.1	6439.3	6339.0	6192.2	6013.9	5913.7	5726.3
50°	7541.2	7540.2	7535.2	7444.0	7354.9	7285.0	7196.9	7064.2	6918.4	6804.9	6590.2
52.5°	8043.6	8110.4	8138.8	8137.8	8126.6	8094.2	8027.4	7912.9	7765.1	7701.2	7530.1
55°	8458.8	8604.7	8680.6	8846.7	8861.9	8915.6	8856.8	8857.9	8770.8	8776.8	8722.1
57.5°	9087.8	9354.1	9507.1	9874.7	10059.0	10281.8	10242.3	10428.7	10496.5	10582.6	10697.1
60°	9801.8	10299.1	10661.6	11392.9	11690.6	12051.2	12249.7	12461.4	12615.3	12773.3	12889.8
62.5°	10312.2	10965.5	11561.0	12603.1	12990.0	13369.8	13620.0	13876.2	14049.4	14162.8	14246.9
65°	10103.6	10825.7	11529.6	12622.4	13043.7	13319.2	13616.9	13764.8	13938.0	14032.2	14152.7
67.5°	8585.4	9309.6	10064.1	11353.4	11793.9	12174.7	12406.7	12598.1	12737.8	12857.4	12996.1
70°	6384.6	7176.6	7956.5	9370.3	9926.3	10476.3	10749.7	10986.7	11132.6	11253.1	11406.0
72.5°	4595.0	5091.3	5578.4	7161.4	7717.5	8428.4	8712.0	8975.3	9164.7	9158.7	9320.7
75°	3658.2	3859.7	4076.5	4893.8	5292.8	5892.4	6051.4	6199.3	6110.2	5939.0	5928.9
77.5°	3045.5	3128.5	3201.4	3457.7	3516.4	3659.2	3580.2	3498.2	3233.8	3011.0	2893.5
80°	2472.2	2636.3	2743.6	2925.9	3000.9	3043.4	3054.6	3026.2	2929.0	2794.3	2579.6
82.5°	1838.2	2150.2	2362.8	2721.4	2853.0	2880.4	2933.0	2900.6	2836.8	2727.4	2573.5
85°	538.8	609.7	698.8	948.0	1111.0	1249.8	1391.6	1461.5	1505.0	1444.2	1285.2
87.5°	189.4	213.7	239.0	329.2	350.4	423.3	415.2	490.2	493.2	514.5	492.2
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: P158238

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

CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1
2.5°	1677.2	1677.2	1677.2	1678.2	1678.2	1678.2	1676.2	1675.2	1676.2	1678.2	1678.2
5°	1716.7	1717.7	1719.7	1715.7	1716.7	1719.7	1717.7	1716.7	1717.7	1719.7	1717.7
7.5°	1780.5	1781.5	1779.5	1783.5	1783.5	1785.5	1788.6	1785.5	1786.6	1787.6	1788.6
10°	1863.5	1864.5	1866.6	1869.6	1870.6	1872.6	1874.7	1877.7	1877.7	1875.7	1880.7
12.5°	1962.8	1961.8	1963.8	1967.8	1969.9	1972.9	1979.0	1979.0	1983.0	1982.0	1987.1
15°	2060.0	2065.1	2066.1	2073.2	2076.2	2081.3	2088.4	2092.4	2092.4	2098.5	2100.5
17.5°	2157.2	2161.3	2165.3	2171.4	2175.5	2178.5	2186.6	2191.7	2190.7	2201.8	2201.8
20°	2232.2	2240.3	2245.4	2249.4	2256.5	2261.6	2267.6	2273.7	2277.8	2284.9	2286.9
22.5°	2305.1	2310.2	2317.3	2322.3	2330.4	2336.5	2343.6	2348.7	2355.7	2364.9	2367.9
25°	2386.1	2394.2	2402.3	2409.4	2415.5	2422.6	2434.7	2445.9	2456.0	2464.1	2467.2
27.5°	2498.6	2507.7	2519.8	2524.9	2534.0	2540.1	2558.3	2572.5	2577.5	2591.7	2595.8
30°	2650.5	2660.6	2672.8	2678.8	2695.0	2703.1	2722.4	2737.6	2742.6	2759.9	2762.9
32.5°	2870.2	2876.3	2900.6	2899.6	2921.9	2945.2	2956.3	2968.5	2990.8	2999.9	3002.9
35°	3175.1	3189.3	3206.5	3205.5	3233.8	3247.0	3269.3	3282.4	3298.7	3297.6	3314.9
37.5°	3469.8	3474.9	3481.0	3494.1	3514.4	3532.6	3540.7	3553.9	3566.0	3584.3	3606.5
40°	3790.9	3803.0	3804.0	3811.1	3821.3	3844.5	3859.7	3873.9	3915.4	3941.8	3954.9
42.5°	4271.9	4268.9	4248.7	4261.8	4267.9	4303.3	4314.5	4358.0	4404.6	4460.3	4475.5
45°	4890.8	4850.2	4838.1	4833.0	4865.4	4883.7	4929.2	5010.3	5058.9	5111.5	5136.9
47.5°	5652.4	5525.8	5466.0	5452.9	5486.3	5564.3	5579.5	5659.5	5723.3	5761.8	5787.1
50°	6415.0	6315.8	6190.2	6147.6	6138.5	6210.4	6227.6	6294.5	6359.3	6370.4	6357.3
52.5°	7373.1	7211.1	7003.4	6928.5	6868.7	6873.8	6888.0	6916.3	6957.9	6940.6	6905.2
55°	8598.6	8414.3	8312.0	8170.2	8080.0	8063.8	8002.0	7917.0	7913.9	7925.1	7818.7
57.5°	10639.3	10562.4	10605.9	10590.7	10501.6	10555.3	10276.8	10197.8	10135.0	10025.6	9927.4
60°	12993.1	13072.1	13162.2	13369.8	13360.7	13569.3	13375.9	13327.3	13268.6	12931.3	12766.2
62.5°	14393.8	14425.2	14557.8	14751.3	14941.7	15141.2	15231.3	15262.7	15140.2	14864.7	14520.4
65°	14149.7	14288.4	14417.1	14584.2	14779.6	14979.2	15169.6	15281.0	15252.6	15070.3	14691.5
67.5°	13040.7	13186.5	13374.9	13550.1	13760.8	13934.0	14142.6	14347.2	14353.2	14262.1	13998.8
70°	11422.2	11591.4	11785.8	11884.1	12111.9	12268.9	12442.1	12644.7	12710.5	12721.6	12414.8
72.5°	9286.3	9357.2	9452.4	9400.7	9446.3	9546.6	9500.0	9516.2	9266.0	9312.6	8933.8
75°	5655.4	5590.6	5303.0	5040.7	4720.6	4474.5	4533.2	4063.3	3600.5	3577.2	3243.0
77.5°	2868.2	2764.9	2586.7	2401.3	2129.9	1819.0	1559.7	1280.2	1044.2	909.5	780.9
80°	2442.8	2369.9	2271.7	2137.0	1939.5	1709.6	1439.2	1226.5	1029.0	823.4	659.3
82.5°	2337.5	2114.7	1971.9	1859.5	1645.8	1433.1	1285.2	1139.4	999.6	873.0	691.7
85°	1159.6	1026.0	868.0	769.7	592.5	463.9	434.5	357.5	333.2	257.2	216.7
87.5°	389.9	319.0	238.0	200.5	160.0	130.6	128.6	114.4	113.4	103.3	95.2
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: P158238

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

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1
2.5°	1677.2	1679.2	1679.2	1677.2	1678.2	1676.2	1677.2	1678.2	1675.2	1674.1	1671.1
5°	1718.7	1717.7	1717.7	1718.7	1721.7	1722.8	1717.7	1719.7	1720.7	1715.7	1704.5
7.5°	1787.6	1787.6	1790.6	1789.6	1795.7	1793.6	1792.6	1792.6	1792.6	1782.5	1764.3
10°	1880.7	1880.7	1883.8	1887.8	1888.9	1886.8	1886.8	1887.8	1892.9	1872.6	1844.3
12.5°	1985.1	1990.1	1989.1	1989.1	2001.3	1998.2	1994.2	1998.2	2003.3	1974.9	1934.4
15°	2101.5	2104.6	2106.6	2113.7	2111.7	2118.8	2120.8	2118.8	2123.8	2087.4	2019.5
17.5°	2206.9	2212.9	2215.0	2223.1	2223.1	2224.1	2232.2	2229.1	2230.2	2188.6	2091.4
20°	2294.0	2300.0	2303.1	2312.2	2314.2	2318.3	2321.3	2323.3	2328.4	2278.8	2150.2
22.5°	2381.1	2386.1	2391.2	2397.3	2405.4	2410.4	2414.5	2416.5	2425.6	2367.9	2205.9
25°	2478.3	2489.4	2494.5	2504.6	2512.7	2520.8	2526.9	2527.9	2543.1	2471.2	2251.4
27.5°	2607.9	2623.1	2631.2	2647.4	2655.5	2663.6	2661.6	2673.8	2695.0	2589.7	2286.9
30°	2778.1	2797.3	2802.4	2818.6	2831.8	2839.9	2849.0	2859.1	2873.3	2721.4	2304.1
32.5°	3015.1	3044.4	3051.5	3060.6	3079.9	3094.1	3100.1	3116.4	3120.4	2845.9	2299.0
35°	3340.2	3327.0	3361.4	3369.5	3396.9	3408.0	3415.1	3436.4	3420.2	2981.7	2265.6
37.5°	3633.9	3629.8	3663.3	3681.5	3716.9	3708.8	3726.1	3740.2	3682.5	3077.9	2203.8
40°	3992.4	3987.4	4033.9	4040.0	4094.7	4082.6	4089.6	4100.8	3972.2	3144.7	2091.4
42.5°	4492.7	4494.8	4544.4	4550.5	4557.6	4579.8	4543.4	4545.4	4280.0	3162.9	1906.1
45°	5152.1	5187.5	5157.1	5158.1	5156.1	5113.6	5068.0	5014.3	4600.1	3100.1	1667.1
47.5°	5791.1	5766.8	5728.3	5692.9	5663.5	5596.7	5529.8	5438.7	4876.6	2951.3	1400.7
50°	6338.0	6283.3	6248.9	6150.7	6080.8	5993.7	5900.5	5796.2	5103.4	2736.6	1151.5
52.5°	6846.5	6789.7	6661.1	6558.8	6458.6	6343.1	6234.7	6112.2	5304.0	2491.5	961.1
55°	7691.1	7641.5	7512.9	7325.5	7201.9	7042.9	6900.1	6734.0	5710.1	2293.0	835.6
57.5°	9656.9	9614.4	9344.0	9225.5	9062.4	8663.4	8604.7	8345.4	6798.9	2269.7	761.6
60°	12424.9	12242.6	12017.8	11693.7	11311.8	11180.2	10886.5	10541.1	8551.0	2333.5	701.9
62.5°	14124.4	13709.1	13378.9	13005.2	12653.8	12352.0	12030.9	11689.6	9447.3	2249.4	627.9
65°	14252.0	13763.8	13327.3	12888.8	12493.8	12118.0	11806.1	11464.8	9155.6	1933.4	531.7
67.5°	13549.1	13034.6	12558.6	12061.3	11662.3	11323.0	10926.0	10597.8	8333.2	1505.0	442.6
70°	12099.8	11648.1	11237.9	10702.1	10371.0	9957.7	9705.6	9295.4	7263.7	1026.0	365.6
72.5°	8715.1	8374.8	8241.1	7867.3	7433.9	7190.8	7074.3	6676.3	5367.8	637.0	298.8
75°	2944.2	3028.2	2835.8	2541.1	2684.9	2463.1	2553.2	2363.8	2270.7	365.6	251.2
77.5°	653.2	613.8	567.2	526.7	523.6	492.2	521.6	493.2	527.7	232.9	221.8
80°	515.5	407.1	346.4	316.0	299.8	290.7	283.6	275.5	251.2	198.5	204.6
82.5°	557.0	420.3	307.9	246.1	210.7	197.5	194.5	186.4	184.3	192.4	206.6
85°	178.3	148.9	126.6	119.5	110.4	105.3	103.3	100.3	121.5	209.6	198.5
87.5°	93.2	82.0	72.9	69.9	60.8	56.7	55.7	56.7	85.1	209.6	143.8
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: P158238

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

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1	1667.1
2.5°	1668.1	1667.1	1665.0	1664.0	1663.0	1657.9	1662.0
5°	1699.5	1689.3	1680.2	1669.1	1663.0	1657.9	1657.9
7.5°	1747.1	1718.7	1695.4	1670.1	1652.9	1639.7	1637.7
10°	1806.8	1752.1	1698.4	1652.9	1620.5	1596.2	1593.1
12.5°	1863.5	1780.5	1695.4	1620.5	1569.8	1535.4	1533.4
15°	1916.2	1795.7	1672.1	1561.7	1485.8	1440.2	1435.1
17.5°	1957.7	1786.6	1619.4	1479.7	1376.4	1322.7	1319.7
20°	1966.8	1750.1	1544.5	1378.4	1269.0	1212.3	1199.1
22.5°	1958.7	1684.3	1451.3	1267.0	1141.4	1084.7	1077.6
25°	1934.4	1604.3	1335.9	1137.4	1020.9	963.2	949.0
27.5°	1890.9	1510.1	1211.3	1011.8	896.3	840.6	826.4
30°	1826.1	1396.6	1078.6	894.3	774.8	730.2	716.0
32.5°	1735.9	1258.9	948.0	773.8	674.5	639.1	633.0
35°	1611.3	1100.9	811.2	674.5	601.6	580.3	577.3
37.5°	1452.3	942.9	696.8	603.6	551.0	537.8	535.8
40°	1244.7	780.9	615.8	553.0	514.5	503.4	501.3
42.5°	1031.0	659.3	556.0	512.5	481.1	470.9	467.9
45°	843.7	577.3	511.5	479.0	449.7	438.5	437.5
47.5°	703.9	529.7	475.0	448.7	419.3	406.1	407.1
50°	601.6	486.1	444.6	422.3	388.9	376.8	377.8
52.5°	531.7	442.6	416.3	390.9	362.6	350.4	350.4
55°	477.0	407.1	388.9	361.6	339.3	328.1	327.1
57.5°	432.5	378.8	362.6	340.3	318.0	304.8	304.8
60°	405.1	358.5	345.4	325.1	298.8	284.6	283.6
62.5°	388.9	352.5	341.3	313.0	283.6	269.4	266.4
65°	376.8	366.6	352.5	305.9	271.4	256.2	253.2
67.5°	377.8	400.1	379.8	309.9	267.4	245.1	241.0
70°	383.8	426.4	399.0	319.0	284.6	240.0	230.9
72.5°	353.5	385.9	359.5	303.8	277.5	230.9	219.8
75°	294.7	281.6	258.3	247.1	249.1	209.6	205.6
77.5°	239.0	209.6	187.4	196.5	209.6	179.3	175.2
80°	207.6	170.1	159.0	174.2	190.4	152.9	142.8
82.5°	194.5	143.8	136.7	181.3	199.5	131.7	115.5
85°	171.2	117.5	107.4	213.7	199.5	99.3	92.2
87.5°	114.4	69.9	66.8	157.0	136.7	68.9	55.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)