

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: P158263

Luminaire Tested: **VST-F08-LED-E-U-SL2-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158263
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-F08-LED-E-U-SL2-8030
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (56) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16770.5 lumens
Efficiency: N/A
Efficacy: 82.0 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 204.4
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



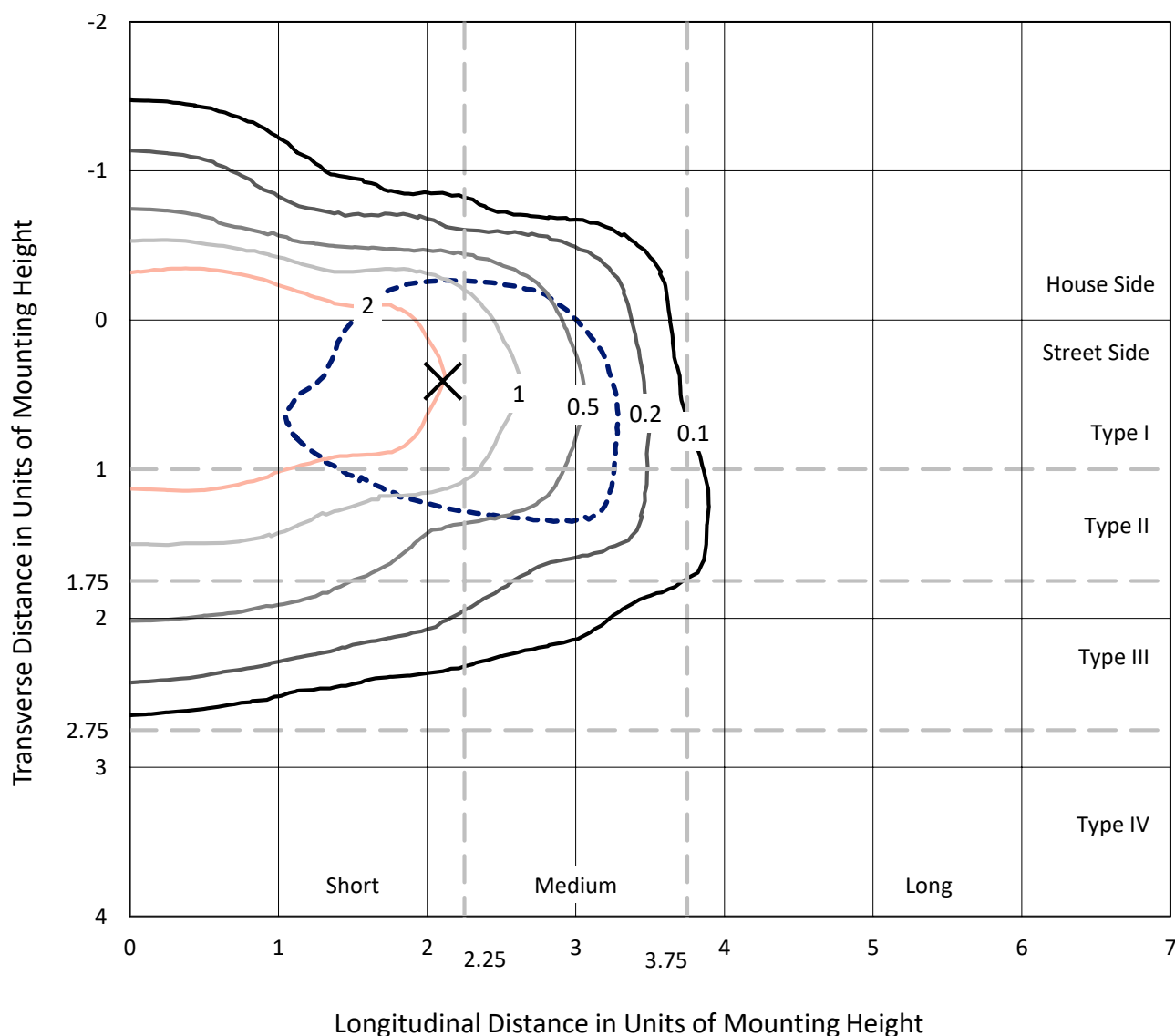
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

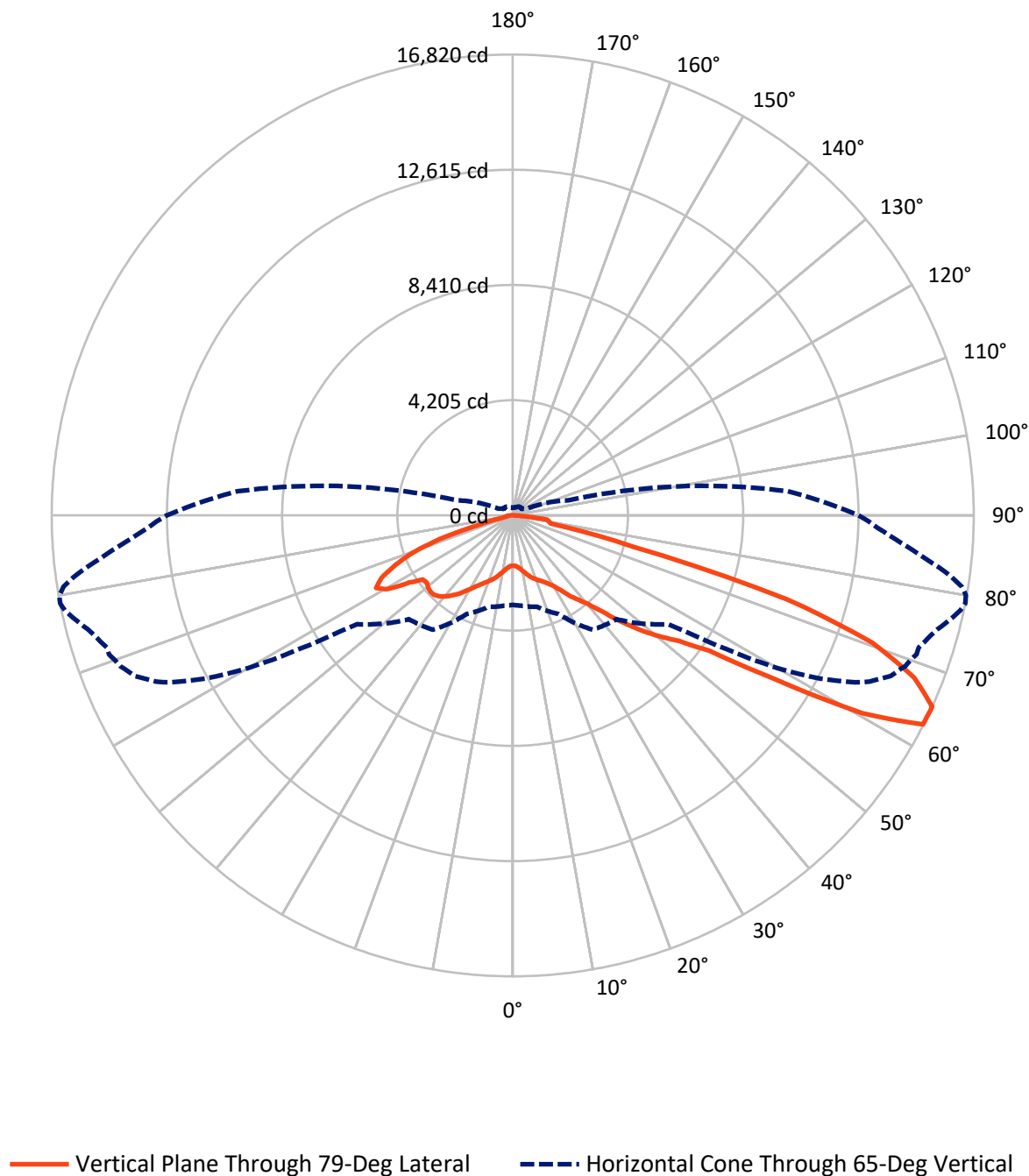


Based on 25 foot mounting height. Maximum calculated value = 3.8 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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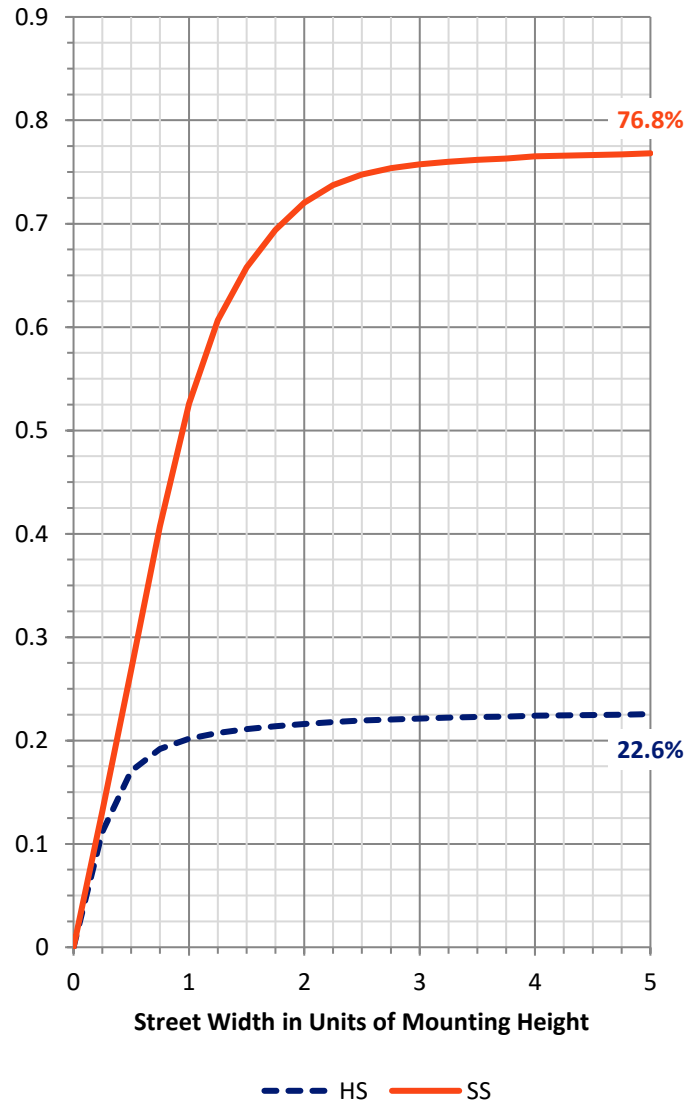
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3853.6	0.0	3853.6
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	12917.0	0.0	12917.0
	% Fixture	77.0	0.0	77.0
Total	Lumens	16770.5	0.0	16770.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.5	1.1
10°-20°	589.6	3.5
20°-30°	1016.4	6.1
30°-40°	1664.9	9.9
40°-50°	2788.2	16.6
50°-60°	3771.4	22.5
60°-70°	4644.5	27.7
70°-80°	1797.8	10.7
80°-90°	316.2	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°	16770.5	100.0
0°-180°	16770.5	100.0

Coefficient of Utilization



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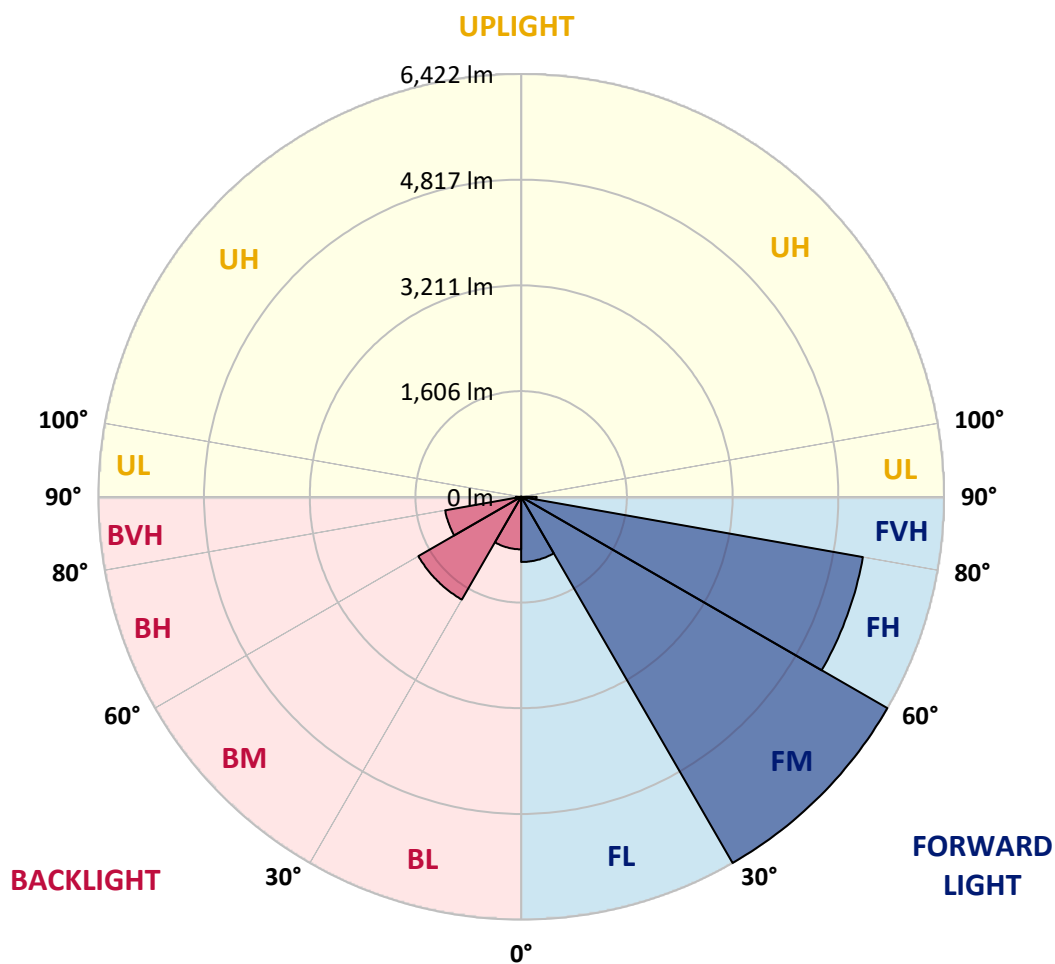
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	990.1	5.9			
FM	(30°-60°)	6422.4	38.3			
FH	(60°-80°)	5269.9	31.4			G3/7500
FVH	(80°-90°)	234.6	1.4			G3/500
BL	(0°-30°)	797.5	4.8	B2/1000		
BM	(30°-60°)	1802.1	10.7	B2/2500		
BH	(60°-80°)	1172.4	7.0	B3/2500		G3/2500
BVH	(80°-90°)	81.6	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9
2.5°	1838.3	1832.7	1838.3	1842.7	1846.1	1850.5	1849.4	1848.3	1847.2	1848.3	1848.3
5°	1853.9	1852.8	1858.3	1862.8	1870.6	1876.2	1882.9	1882.9	1882.9	1881.7	1884.0
7.5°	1904.0	1902.9	1908.5	1913.0	1919.6	1930.8	1939.7	1944.2	1943.1	1943.1	1943.1
10°	1986.5	1982.1	1982.1	1982.1	1991.0	1998.8	2018.9	2021.1	2025.5	2023.3	2024.4
12.5°	2066.8	2067.9	2064.6	2061.2	2062.3	2077.9	2106.9	2112.5	2113.6	2117.0	2119.2
15°	2139.3	2138.1	2130.3	2122.5	2132.6	2159.3	2197.2	2207.3	2207.3	2213.9	2218.4
17.5°	2206.1	2203.9	2189.4	2176.0	2186.1	2231.8	2290.9	2297.6	2307.6	2310.9	2315.4
20°	2285.3	2280.8	2264.1	2228.4	2228.4	2290.9	2368.9	2375.6	2384.5	2386.7	2394.5
22.5°	2395.7	2384.5	2348.8	2284.2	2266.3	2338.8	2434.7	2438.0	2444.7	2453.6	2460.3
25°	2520.5	2522.7	2464.8	2352.2	2313.2	2389.0	2498.2	2503.8	2516.1	2522.7	2530.5
27.5°	2649.8	2653.2	2588.5	2448.1	2382.3	2458.1	2584.1	2590.7	2605.2	2613.0	2625.3
30°	2797.0	2801.4	2739.0	2597.4	2497.1	2559.5	2711.1	2729.0	2741.2	2751.3	2771.3
32.5°	3150.4	3123.6	3080.1	2929.6	2771.3	2766.9	2916.3	2936.3	2953.0	2974.2	2993.2
35°	3595.2	3611.9	3634.2	3532.7	3393.4	3291.9	3304.2	3293.1	3308.7	3339.9	3358.8
37.5°	3947.4	3984.2	4081.2	4147.0	4141.4	4121.3	3934.0	3934.0	3944.1	3927.4	3925.1
40°	4223.9	4247.3	4445.7	4701.0	4916.2	5022.1	4873.8	4852.6	4863.8	4777.9	4781.3
42.5°	4366.6	4401.1	4686.5	5134.7	5561.6	5901.6	5855.9	5841.4	5808.0	5786.8	5773.4
45°	4439.0	4480.3	4820.3	5435.7	6057.7	6582.8	6819.1	6816.9	6786.8	6762.2	6751.1
47.5°	4402.3	4437.9	4800.2	5527.1	6318.6	7022.0	7544.8	7577.1	7568.2	7603.9	7618.4
50°	4161.5	4207.2	4570.6	5329.7	6209.3	7194.8	8047.6	8107.8	8189.2	8240.4	8308.4
52.5°	3944.1	3982.0	4309.7	5009.8	5850.3	7054.3	8350.8	8474.5	8586.0	8690.8	8772.2
55°	3716.7	3754.6	4042.2	4677.6	5488.0	6639.6	8489.0	8669.6	8843.5	9020.8	9183.5
57.5°	3630.8	3671.0	3885.0	4420.1	5191.5	6228.3	8557.0	8853.6	9136.7	9437.7	9749.8
60°	3853.8	3889.5	4052.2	4426.8	4965.2	5816.9	8419.9	8885.9	9373.0	9869.1	10348.5
62.5°	3785.8	3804.7	4007.6	4588.4	5253.9	5411.1	7825.7	8441.1	9149.0	9875.8	10610.4
65°	3266.3	3303.1	3455.8	3966.4	5092.3	5356.5	6920.5	7539.2	8374.2	9233.7	10218.0
67.5°	2343.3	2292.0	2410.1	2857.2	3950.8	5347.6	5901.6	6359.8	7014.2	7673.0	8480.1
70°	1064.6	1040.1	1132.6	1486.0	2383.4	4226.1	4989.7	5144.7	5387.7	5831.4	6376.5
72.5°	420.3	419.2	479.4	614.2	1127.0	2720.1	4196.0	4285.2	4371.0	4563.9	4799.1
75°	275.3	275.3	293.2	331.1	555.2	1313.2	3549.4	3630.8	3762.4	3817.0	3917.3
77.5°	207.3	208.5	216.3	225.2	306.6	691.2	2504.9	2793.6	3016.6	3182.7	3304.2
80°	147.2	153.8	168.3	173.9	199.5	393.5	1415.8	1624.2	1876.2	2144.8	2482.6
82.5°	110.4	118.2	142.7	149.4	158.3	224.1	638.8	724.6	846.1	1096.9	1577.4
85°	51.3	56.9	98.1	107.0	114.8	129.3	324.4	362.3	411.4	450.4	525.1
87.5°	7.8	5.6	16.7	23.4	36.8	37.9	111.5	132.7	143.8	172.8	179.5
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-F08-LED-E-U-SL2-8030

CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9
2.5°	1848.3	1849.4	1850.5	1848.3	1849.4	1849.4	1847.2	1846.1	1846.1	1846.1	1847.2
5°	1884.0	1886.2	1884.0	1885.1	1889.5	1888.4	1886.2	1885.1	1889.5	1890.7	1887.3
7.5°	1947.5	1948.6	1944.2	1949.7	1952.0	1953.1	1953.1	1955.3	1955.3	1958.7	1955.3
10°	2028.9	2028.9	2036.7	2035.6	2036.7	2038.9	2040.0	2044.5	2047.8	2047.8	2050.1
12.5°	2122.5	2123.6	2131.5	2132.6	2137.0	2138.1	2144.8	2140.4	2151.5	2151.5	2154.9
15°	2219.5	2227.3	2228.4	2239.6	2241.8	2242.9	2251.8	2251.8	2259.7	2260.8	2263.0
17.5°	2315.4	2322.1	2326.5	2335.5	2343.3	2346.6	2349.9	2356.6	2362.2	2364.4	2370.0
20°	2397.9	2404.6	2409.0	2418.0	2424.6	2430.2	2433.6	2441.4	2446.9	2449.2	2457.0
22.5°	2467.0	2471.5	2479.3	2491.5	2493.8	2500.4	2510.5	2516.1	2518.3	2525.0	2533.9
25°	2540.6	2547.3	2551.7	2562.9	2571.8	2582.9	2591.9	2600.8	2603.0	2611.9	2619.7
27.5°	2638.7	2645.4	2646.5	2668.8	2677.7	2693.3	2703.3	2716.7	2723.4	2731.2	2746.8
30°	2783.6	2799.2	2805.9	2831.5	2836.0	2853.8	2871.7	2876.1	2886.2	2887.3	2912.9
32.5°	3005.4	3027.7	3036.7	3063.4	3070.1	3086.8	3096.9	3120.3	3121.4	3132.5	3138.1
35°	3368.9	3363.3	3397.8	3404.5	3424.6	3439.1	3449.1	3449.1	3470.3	3471.4	3478.1
37.5°	3864.9	3853.8	3862.7	3822.6	3832.6	3814.8	3811.4	3815.9	3807.0	3809.2	3808.1
40°	4658.7	4608.5	4556.1	4432.4	4405.6	4354.3	4314.2	4281.9	4250.6	4217.2	4194.9
42.5°	5654.1	5581.7	5503.7	5305.2	5212.7	5113.5	5016.5	4960.8	4849.3	4781.3	4744.5
45°	6697.6	6612.9	6503.6	6338.6	6207.1	6101.2	5923.9	5840.3	5667.5	5581.7	5465.8
47.5°	7552.6	7553.7	7465.7	7298.4	7158.0	7087.8	6977.4	6815.7	6619.5	6509.2	6302.9
50°	8300.6	8299.5	8293.9	8193.6	8095.5	8018.6	7921.6	7775.6	7615.0	7490.2	7253.9
52.5°	8853.6	8927.1	8958.3	8957.2	8945.0	8909.3	8835.7	8709.8	8547.0	8476.8	8288.4
55°	9310.6	9471.1	9554.8	9737.6	9754.3	9813.4	9748.7	9749.8	9654.0	9660.7	9600.5
57.5°	10002.9	10296.1	10464.4	10869.1	11072.0	11317.2	11273.7	11478.9	11553.5	11648.3	11774.3
60°	10788.8	11336.2	11735.3	12540.1	12867.9	13264.7	13483.2	13716.2	13885.7	14059.6	14187.8
62.5°	11350.7	12069.7	12725.2	13872.3	14298.1	14716.2	14991.5	15273.6	15464.2	15589.0	15681.6
65°	11121.0	11915.9	12690.6	13893.5	14357.2	14660.4	14988.2	15150.9	15341.6	15445.2	15577.9
67.5°	9450.0	10247.0	11077.5	12496.6	12981.6	13400.7	13656.0	13866.7	14020.5	14152.1	14304.8
70°	7027.6	7899.3	8757.7	10313.9	10925.9	11531.3	11832.2	12093.1	12253.6	12386.3	12554.6
72.5°	5057.7	5604.0	6140.2	7882.6	8494.6	9277.2	9589.3	9879.2	10087.6	10080.9	10259.3
75°	4026.6	4248.4	4487.0	5386.6	5825.8	6485.8	6660.8	6823.5	6725.4	6537.1	6525.9
77.5°	3352.1	3443.5	3523.8	3805.8	3870.5	4027.7	3940.7	3850.4	3559.5	3314.2	3184.9
80°	2721.2	2901.8	3019.9	3220.6	3303.1	3349.9	3362.2	3331.0	3223.9	3075.7	2839.3
82.5°	2023.3	2366.7	2600.8	2995.4	3140.3	3170.4	3228.4	3192.7	3122.5	3002.1	2832.6
85°	593.1	671.1	769.2	1043.4	1222.9	1375.6	1531.7	1608.6	1656.6	1589.7	1414.7
87.5°	208.5	235.2	263.1	362.3	385.7	466.0	457.1	539.6	542.9	566.3	541.8
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9
2.5°	1846.1	1846.1	1846.1	1847.2	1847.2	1847.2	1845.0	1843.8	1845.0	1847.2	1847.2
5°	1889.5	1890.7	1892.9	1888.4	1889.5	1892.9	1890.7	1889.5	1890.7	1892.9	1890.7
7.5°	1959.8	1960.9	1958.7	1963.1	1963.1	1965.4	1968.7	1965.4	1966.5	1967.6	1968.7
10°	2051.2	2052.3	2054.5	2057.9	2059.0	2061.2	2063.5	2066.8	2066.8	2064.6	2070.1
12.5°	2160.4	2159.3	2161.6	2166.0	2168.2	2171.6	2178.3	2178.3	2182.7	2181.6	2187.2
15°	2267.5	2273.0	2274.1	2281.9	2285.3	2290.9	2298.7	2303.1	2303.1	2309.8	2312.0
17.5°	2374.5	2378.9	2383.4	2390.1	2394.5	2397.9	2406.8	2412.4	2411.3	2423.5	2423.5
20°	2457.0	2465.9	2471.5	2475.9	2483.7	2489.3	2496.0	2502.7	2507.1	2514.9	2517.2
22.5°	2537.2	2542.8	2550.6	2556.2	2565.1	2571.8	2579.6	2585.2	2593.0	2603.0	2606.3
25°	2626.4	2635.3	2644.3	2652.1	2658.7	2666.5	2679.9	2692.2	2703.3	2712.3	2715.6
27.5°	2750.2	2760.2	2773.6	2779.1	2789.2	2795.9	2815.9	2831.5	2837.1	2852.7	2857.2
30°	2917.4	2928.5	2941.9	2948.6	2966.4	2975.3	2996.5	3013.2	3018.8	3037.8	3041.1
32.5°	3159.3	3166.0	3192.7	3191.6	3216.1	3241.8	3254.0	3267.4	3291.9	3302.0	3305.3
35°	3494.8	3510.4	3529.4	3528.3	3559.5	3574.0	3598.5	3613.0	3630.8	3629.7	3648.7
37.5°	3819.2	3824.8	3831.5	3846.0	3868.3	3888.3	3897.3	3911.8	3925.1	3945.2	3969.7
40°	4172.6	4186.0	4187.1	4194.9	4206.1	4231.7	4248.4	4264.0	4309.7	4338.7	4353.2
42.5°	4702.1	4698.8	4676.5	4691.0	4697.7	4736.7	4748.9	4796.9	4848.2	4909.5	4926.2
45°	5383.3	5338.7	5325.3	5319.7	5355.4	5375.5	5425.6	5514.8	5568.3	5626.3	5654.1
47.5°	6221.6	6082.2	6016.5	6002.0	6038.7	6124.6	6141.3	6229.4	6299.6	6342.0	6369.8
50°	7061.0	6951.7	6813.5	6766.7	6756.7	6835.8	6854.8	6928.3	6999.7	7011.9	6997.5
52.5°	8115.6	7937.2	7708.7	7626.2	7560.4	7566.0	7581.6	7612.8	7658.5	7639.6	7600.5
55°	9464.5	9261.6	9149.0	8992.9	8893.7	8875.9	8807.9	8714.2	8710.9	8723.1	8606.1
57.5°	11710.7	11626.0	11673.9	11657.2	11559.1	11618.2	11311.6	11224.7	11155.6	11035.2	10927.0
60°	14301.5	14388.4	14487.6	14716.2	14706.1	14935.8	14722.9	14669.3	14604.7	14233.5	14051.8
62.5°	15843.2	15877.8	16023.8	16236.7	16446.3	16665.9	16765.1	16799.7	16664.8	16361.6	15982.6
65°	15574.5	15727.3	15868.8	16052.8	16267.9	16487.6	16697.1	16819.8	16788.5	16587.9	16171.0
67.5°	14353.9	14514.4	14721.7	14914.6	15146.5	15337.1	15566.7	15791.9	15798.6	15698.3	15408.4
70°	12572.5	12758.6	12972.7	13080.8	13331.6	13504.4	13695.0	13918.0	13990.4	14002.7	13664.9
72.5°	10221.4	10299.4	10404.2	10347.4	10397.5	10507.9	10456.6	10474.4	10199.1	10250.4	9833.4
75°	6224.9	6153.6	5837.0	5548.2	5196.0	4925.1	4989.7	4472.5	3963.0	3937.4	3569.5
77.5°	3157.0	3043.3	2847.1	2643.1	2344.4	2002.1	1716.8	1409.1	1149.3	1001.1	859.5
80°	2688.8	2608.6	2500.4	2352.2	2134.8	1881.7	1584.1	1350.0	1132.6	906.3	725.7
82.5°	2572.9	2327.7	2170.5	2046.7	1811.5	1577.4	1414.7	1254.1	1100.3	960.9	761.4
85°	1276.4	1129.3	955.4	847.2	652.1	510.6	478.2	393.5	366.8	283.2	238.6
87.5°	429.2	351.2	262.0	220.7	176.1	143.8	141.6	126.0	124.9	113.7	104.8
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9
2.5°	1846.1	1848.3	1848.3	1846.1	1847.2	1845.0	1846.1	1847.2	1843.8	1842.7	1839.4
5°	1891.8	1890.7	1890.7	1891.8	1895.1	1896.2	1890.7	1892.9	1894.0	1888.4	1876.2
7.5°	1967.6	1967.6	1970.9	1969.8	1976.5	1974.3	1973.2	1973.2	1973.2	1962.0	1941.9
10°	2070.1	2070.1	2073.5	2077.9	2079.1	2076.8	2076.8	2077.9	2083.5	2061.2	2030.0
12.5°	2185.0	2190.5	2189.4	2189.4	2202.8	2199.5	2195.0	2199.5	2205.0	2173.8	2129.2
15°	2313.2	2316.5	2318.7	2326.5	2324.3	2332.1	2334.3	2332.1	2337.7	2297.6	2222.9
17.5°	2429.1	2435.8	2438.0	2446.9	2446.9	2448.1	2457.0	2453.6	2454.7	2409.0	2302.0
20°	2525.0	2531.7	2535.0	2545.0	2547.3	2551.7	2555.1	2557.3	2562.9	2508.2	2366.7
22.5°	2620.8	2626.4	2632.0	2638.7	2647.6	2653.2	2657.6	2659.9	2669.9	2606.3	2428.0
25°	2727.9	2740.1	2745.7	2756.8	2765.8	2774.7	2781.4	2782.5	2799.2	2720.1	2478.1
27.5°	2870.6	2887.3	2896.2	2914.0	2922.9	2931.9	2929.6	2943.0	2966.4	2850.5	2517.2
30°	3057.8	3079.0	3084.6	3102.4	3116.9	3125.8	3135.9	3147.0	3162.6	2995.4	2536.1
32.5°	3318.7	3351.0	3358.8	3368.9	3390.0	3405.6	3412.3	3430.2	3434.6	3132.5	2530.5
35°	3676.5	3662.0	3699.9	3708.9	3739.0	3751.2	3759.0	3782.4	3764.6	3281.9	2493.8
37.5°	3999.8	3995.4	4032.1	4052.2	4091.2	4082.3	4101.3	4116.9	4053.3	3387.8	2425.8
40°	4394.5	4388.9	4440.2	4446.8	4507.0	4493.7	4501.5	4513.7	4372.2	3461.4	2302.0
42.5°	4945.2	4947.4	5002.0	5008.7	5016.5	5041.0	5000.9	5003.1	4711.0	3481.4	2098.0
45°	5670.9	5709.9	5676.4	5677.6	5675.3	5628.5	5578.3	5519.3	5063.3	3412.3	1834.9
47.5°	6374.3	6347.5	6305.2	6266.2	6233.8	6160.3	6086.7	5986.4	5367.7	3248.5	1541.7
50°	6976.3	6916.1	6878.2	6770.0	6693.1	6597.2	6494.7	6379.9	5617.4	3012.1	1267.5
52.5°	7535.9	7473.5	7331.9	7219.3	7108.9	6981.8	6862.6	6727.7	5838.1	2742.4	1057.9
55°	8465.6	8411.0	8269.4	8063.2	7927.2	7752.2	7595.0	7412.2	6285.1	2523.9	919.7
57.5°	10629.4	10582.6	10284.9	10154.5	9975.0	9535.8	9471.1	9185.8	7483.5	2498.2	838.3
60°	13676.1	13475.4	13227.9	12871.2	12450.9	12306.0	11982.7	11602.6	9412.1	2568.4	772.5
62.5°	15546.7	15089.6	14726.2	14314.8	13928.0	13595.8	13242.4	12866.8	10398.6	2475.9	691.2
65°	15687.1	15149.8	14669.3	14186.7	13751.9	13338.3	12995.0	12619.3	10077.6	2128.1	585.3
67.5°	14913.5	14347.2	13823.2	13275.9	12836.7	12463.2	12026.2	11665.0	9172.4	1656.6	487.2
70°	13318.2	12821.0	12369.6	11779.8	11415.3	10960.5	10682.9	10231.4	7995.2	1129.3	402.4
72.5°	9592.7	9218.1	9070.9	8659.6	8182.5	7914.9	7786.7	7348.6	5908.3	701.2	328.9
75°	3240.7	3333.2	3121.4	2797.0	2955.3	2711.1	2810.4	2601.9	2499.3	402.4	276.5
77.5°	719.0	675.6	624.3	579.7	576.3	541.8	574.1	542.9	580.8	256.4	244.1
80°	567.4	448.1	381.3	347.8	330.0	319.9	312.1	303.2	276.5	218.5	225.2
82.5°	613.1	462.6	338.9	270.9	231.9	217.4	214.0	205.1	202.9	211.8	227.4
85°	196.2	163.9	139.3	131.5	121.5	115.9	113.7	110.4	133.8	230.8	218.5
87.5°	102.6	90.3	80.3	76.9	66.9	62.4	61.3	62.4	93.6	230.8	158.3
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):

	125°	135°	145°	155°	165°	175°	180°
0°	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9	1834.9
2.5°	1836.0	1834.9	1832.7	1831.6	1830.5	1824.9	1829.3
5°	1870.6	1859.4	1849.4	1837.2	1830.5	1824.9	1824.9
7.5°	1923.0	1891.8	1866.1	1838.3	1819.3	1804.8	1802.6
10°	1988.8	1928.6	1869.5	1819.3	1783.6	1756.9	1753.5
12.5°	2051.2	1959.8	1866.1	1783.6	1727.9	1690.0	1687.8
15°	2109.2	1976.5	1840.5	1719.0	1635.4	1585.2	1579.6
17.5°	2154.9	1966.5	1782.5	1628.7	1515.0	1455.9	1452.6
20°	2164.9	1926.3	1700.0	1517.2	1396.8	1334.4	1319.9
22.5°	2156.0	1853.9	1597.5	1394.6	1256.4	1193.9	1186.1
25°	2129.2	1765.8	1470.4	1251.9	1123.7	1060.2	1044.5
27.5°	2081.3	1662.1	1333.3	1113.7	986.6	925.3	909.7
30°	2009.9	1537.3	1187.2	984.3	852.8	803.8	788.1
32.5°	1910.7	1385.7	1043.4	851.7	742.4	703.4	696.7
35°	1773.6	1211.8	892.9	742.4	662.2	638.8	635.4
37.5°	1598.6	1037.9	767.0	664.4	606.4	591.9	589.7
40°	1370.1	859.5	677.8	608.7	566.3	554.0	551.8
42.5°	1134.8	725.7	612.0	564.1	529.5	518.4	515.0
45°	928.6	635.4	563.0	527.3	495.0	482.7	481.6
47.5°	774.8	583.0	522.8	493.8	461.5	447.0	448.1
50°	662.2	535.1	489.4	464.9	428.1	414.7	415.8
52.5°	585.3	487.2	458.2	430.3	399.1	385.7	385.7
55°	525.1	448.1	428.1	398.0	373.5	361.2	360.1
57.5°	476.0	416.9	399.1	374.6	350.0	335.5	335.5
60°	445.9	394.6	380.1	357.8	328.9	313.3	312.1
62.5°	428.1	387.9	375.7	344.5	312.1	296.5	293.2
65°	414.7	403.5	387.9	336.7	298.8	282.0	278.7
67.5°	415.8	440.3	418.0	341.1	294.3	269.8	265.3
70°	422.5	469.3	439.2	351.2	313.3	264.2	254.2
72.5°	389.1	424.7	395.7	334.4	305.4	254.2	241.9
75°	324.4	309.9	284.3	272.0	274.2	230.8	226.3
77.5°	263.1	230.8	206.2	216.3	230.8	197.3	192.9
80°	228.5	187.3	175.0	191.7	209.6	168.3	157.2
82.5°	214.0	158.3	150.5	199.5	219.6	144.9	127.1
85°	188.4	129.3	118.2	235.2	219.6	109.2	101.4
87.5°	126.0	76.9	73.6	172.8	150.5	75.8	61.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)