

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: P158258

Luminaire Tested: **VST-E08-LED-E-U-SL2-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158258
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-E08-LED-E-U-SL2-8030
Description: VENTUS LED SITE/ROADWAY LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (168) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20315 lumens
Efficiency: N/A
Efficacy: 104.4 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

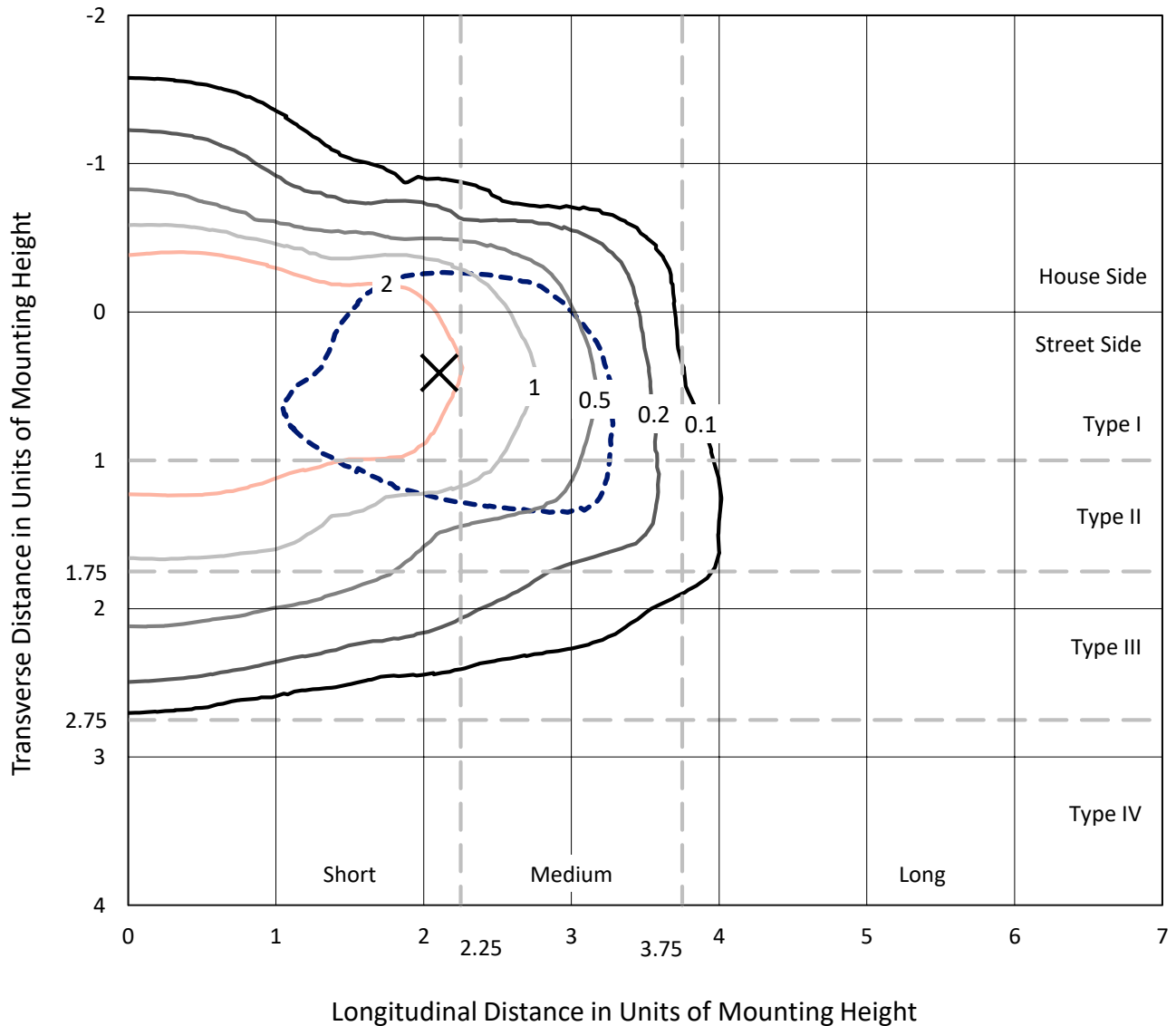
Input Watts (W): 194.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

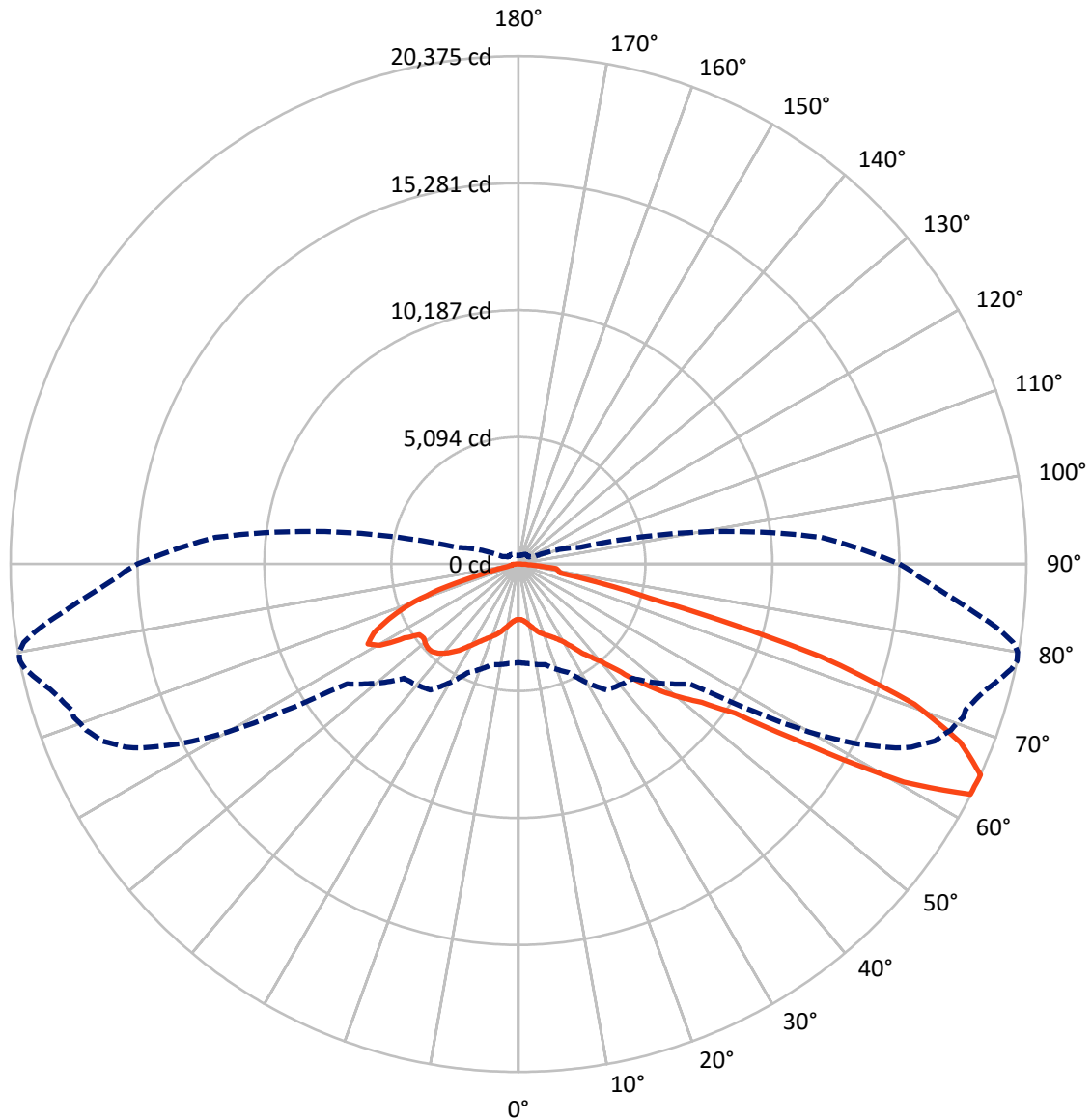
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.6 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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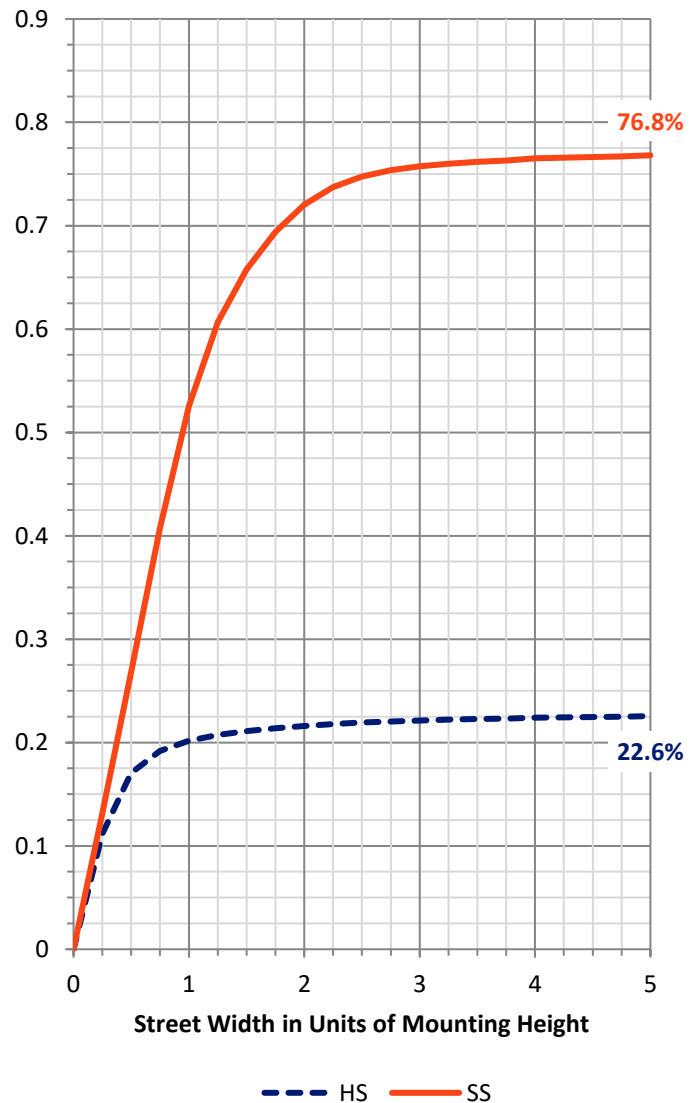
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4668.0	0.0	4668.0
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	15647.0	0.0	15647.0
	% Fixture	77.0	0.0	77.0
Total	Lumens	20315.0	0.0	20315.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	219.9	1.1
10°-20°	714.2	3.5
20°-30°	1231.3	6.1
30°-40°	2016.8	9.9
40°-50°	3377.4	16.6
50°-60°	4568.5	22.5
60°-70°	5626.1	27.7
70°-80°	2177.8	10.7
80°-90°	383.0	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°	20315.0	100.0
0°-180°	20315.0	100.0



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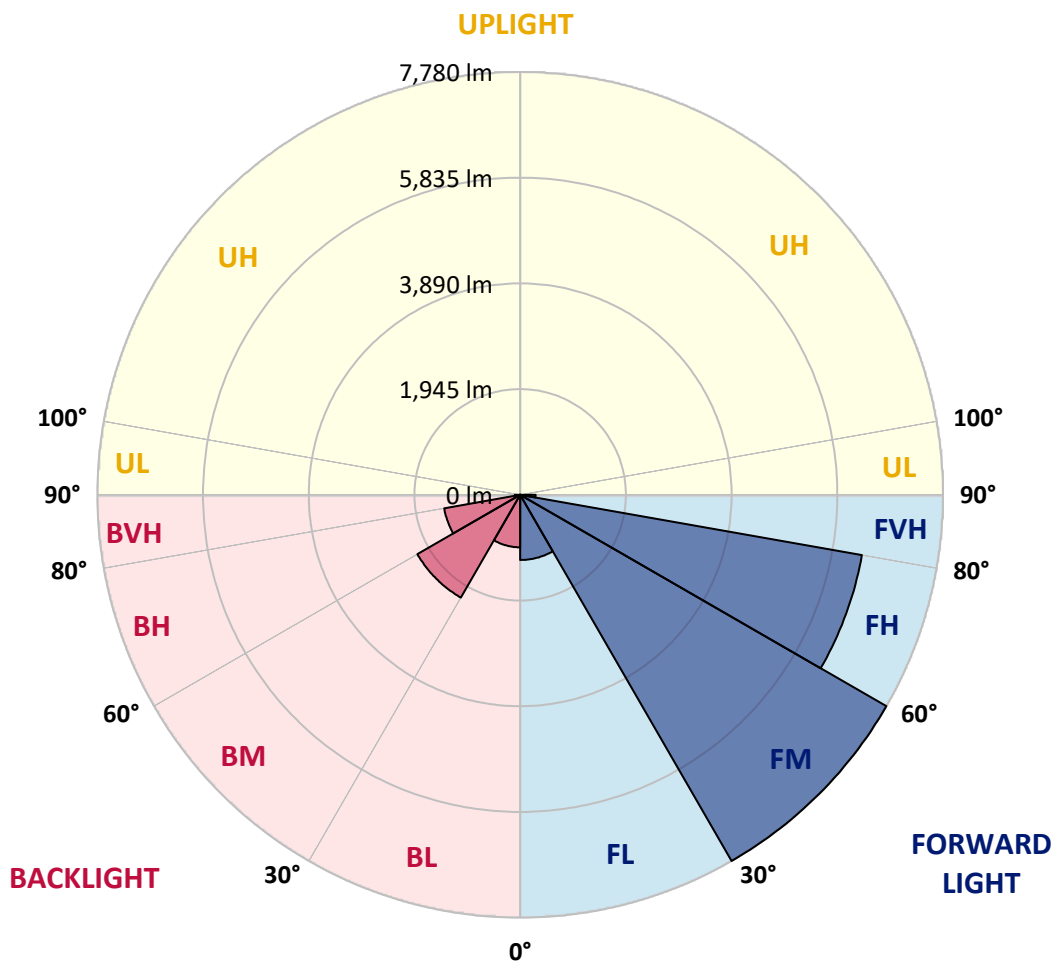
CATALOG NUMBER: VST-E08-LED-E-U-SL2-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1199.3	5.9			
FM (30°-60°)	7779.8	38.3			
FH (60°-80°)	6383.7	31.4			G3/7500
FVH (80°-90°)	284.2	1.4			G3/500
BL (0°-30°)	966.1	4.8	B2/1000		
BM (30°-60°)	2183.0	10.7	B2/2500		
BH (60°-80°)	1420.2	7.0	B3/2500		G3/2500
BVH (80°-90°)	98.8	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°	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7
2.5°	2226.8	2220.0	2226.8	2232.2	2236.2	2241.6	2240.3	2238.9	2237.6	2238.9	2238.9
5°	2245.7	2244.3	2251.1	2256.5	2265.9	2272.7	2280.8	2280.8	2280.8	2279.5	2282.2
7.5°	2306.5	2305.1	2311.9	2317.3	2325.4	2338.9	2349.7	2355.1	2353.7	2353.7	2353.7
10°	2406.4	2401.0	2401.0	2401.0	2411.8	2421.2	2445.5	2448.2	2453.7	2450.9	2452.3
12.5°	2503.6	2505.0	2500.9	2496.9	2498.2	2517.1	2552.2	2559.0	2560.3	2564.4	2567.1
15°	2591.4	2590.0	2580.6	2571.1	2583.3	2615.7	2661.6	2673.8	2673.8	2681.9	2687.3
17.5°	2672.4	2669.7	2652.2	2636.0	2648.1	2703.5	2775.0	2783.1	2795.3	2799.3	2804.8
20°	2768.3	2762.9	2742.6	2699.4	2699.4	2775.0	2869.6	2877.7	2888.5	2891.2	2900.6
22.5°	2902.0	2888.5	2845.3	2766.9	2745.3	2833.1	2949.2	2953.3	2961.4	2972.2	2980.3
25°	3053.2	3055.9	2985.7	2849.3	2802.0	2893.9	3026.2	3033.0	3047.8	3055.9	3065.4
27.5°	3209.9	3213.9	3135.6	2965.4	2885.8	2977.6	3130.2	3138.3	3155.9	3165.3	3180.2
30°	3388.1	3393.5	3317.9	3146.4	3024.9	3100.5	3284.1	3305.7	3320.6	3332.8	3357.1
32.5°	3816.2	3783.8	3731.1	3548.8	3357.1	3351.7	3532.6	3556.9	3577.2	3602.8	3625.8
35°	4355.0	4375.2	4402.3	4279.4	4110.6	3987.7	4002.5	3989.0	4007.9	4045.8	4068.7
37.5°	4781.7	4826.3	4943.8	5023.4	5016.7	4992.4	4765.5	4765.5	4777.7	4757.4	4754.7
40°	5116.6	5145.0	5385.3	5694.6	5955.2	6083.5	5903.9	5878.2	5891.7	5787.8	5791.8
42.5°	5289.5	5331.3	5677.0	6219.9	6737.1	7148.9	7093.6	7076.0	7035.5	7009.9	6993.6
45°	5377.2	5427.2	5839.1	6584.5	7338.0	7974.0	8260.3	8257.6	8221.1	8191.4	8177.9
47.5°	5332.7	5375.9	5814.8	6695.2	7654.0	8506.1	9139.4	9178.6	9167.8	9211.0	9228.5
50°	5041.0	5096.4	5536.6	6456.2	7521.6	8715.4	9748.4	9821.4	9919.9	9982.0	10064.4
52.5°	4777.7	4823.6	5220.6	6068.6	7086.8	8545.2	10115.7	10265.6	10400.7	10527.6	10626.2
55°	4502.2	4548.1	4896.5	5666.2	6647.9	8042.9	10283.2	10501.9	10712.6	10927.3	11124.5
57.5°	4398.2	4446.8	4706.1	5354.3	6288.7	7544.6	10365.6	10724.8	11067.8	11432.4	11810.5
60°	4668.3	4711.5	4908.7	5362.4	6014.6	7046.3	10199.5	10763.9	11354.0	11955.0	12535.6
62.5°	4585.9	4608.9	4854.6	5558.2	6364.4	6554.8	9479.7	10225.1	11082.6	11963.1	12853.0
65°	3956.6	4001.2	4186.2	4804.7	6168.6	6488.6	8383.2	9132.7	10144.1	11185.2	12377.6
67.5°	2838.5	2776.4	2919.5	3461.0	4785.8	6477.8	7148.9	7703.9	8496.6	9294.7	10272.4
70°	1289.6	1259.9	1372.0	1800.1	2887.1	5119.3	6044.3	6232.0	6526.4	7063.9	7724.2
72.5°	509.1	507.7	580.7	744.1	1365.2	3294.9	5082.9	5190.9	5294.9	5528.5	5813.4
75°	333.5	333.5	355.2	401.1	672.5	1590.8	4299.6	4398.2	4557.6	4623.7	4745.3
77.5°	251.2	252.5	262.0	272.8	371.4	837.2	3034.3	3384.1	3654.1	3855.4	4002.5
80°	178.3	186.4	203.9	210.7	241.7	476.7	1715.0	1967.5	2272.7	2598.1	3007.3
82.5°	133.7	143.1	172.8	181.0	191.8	271.4	773.8	877.8	1024.9	1328.8	1910.8
85°	62.1	68.9	118.8	129.6	139.1	156.6	393.0	438.9	498.3	545.6	636.0
87.5°	9.5	6.8	20.3	28.4	44.6	45.9	135.0	160.7	174.2	209.3	217.4
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°	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7
2.5°	2238.9	2240.3	2241.6	2238.9	2240.3	2240.3	2237.6	2236.2	2236.2	2236.2	2237.6
5°	2282.2	2284.9	2282.2	2283.5	2288.9	2287.6	2284.9	2283.5	2288.9	2290.3	2286.2
7.5°	2359.1	2360.5	2355.1	2361.8	2364.5	2365.9	2365.9	2368.6	2368.6	2372.6	2368.6
10°	2457.7	2457.7	2467.2	2465.8	2467.2	2469.9	2471.2	2476.6	2480.7	2480.7	2483.4
12.5°	2571.1	2572.5	2581.9	2583.3	2588.7	2590.0	2598.1	2592.7	2606.2	2606.2	2610.3
15°	2688.6	2698.1	2699.4	2712.9	2715.6	2717.0	2727.8	2727.8	2737.2	2738.6	2741.3
17.5°	2804.8	2812.9	2818.3	2829.1	2838.5	2842.6	2846.6	2854.7	2861.5	2864.2	2870.9
20°	2904.7	2912.8	2918.2	2929.0	2937.1	2943.8	2947.9	2957.3	2964.1	2966.8	2976.2
22.5°	2988.4	2993.8	3003.3	3018.1	3020.8	3028.9	3041.1	3047.8	3050.5	3058.6	3069.4
25°	3077.5	3085.6	3091.0	3104.5	3115.3	3128.8	3139.6	3150.4	3153.2	3164.0	3173.4
27.5°	3196.4	3204.5	3205.8	3232.8	3243.6	3262.5	3274.7	3290.9	3299.0	3308.4	3327.3
30°	3371.9	3390.8	3398.9	3430.0	3435.4	3457.0	3478.6	3484.0	3496.1	3497.5	3528.6
32.5°	3640.6	3667.6	3678.5	3710.9	3719.0	3739.2	3751.4	3779.7	3781.1	3794.6	3801.3
35°	4080.9	4074.1	4116.0	4124.1	4148.4	4165.9	4178.1	4178.1	4203.8	4205.1	4213.2
37.5°	4681.8	4668.3	4679.1	4630.5	4642.6	4621.0	4617.0	4622.4	4611.6	4614.3	4612.9
40°	5643.3	5582.5	5519.0	5369.1	5336.7	5274.6	5226.0	5186.8	5149.0	5108.5	5081.5
42.5°	6849.2	6761.4	6666.9	6426.5	6314.4	6194.2	6076.7	6009.2	5874.2	5791.8	5747.2
45°	8113.1	8010.5	7878.1	7678.3	7518.9	7390.7	7175.9	7074.7	6865.4	6761.4	6620.9
47.5°	9148.9	9150.2	9043.5	8841.0	8670.8	8585.8	8452.1	8256.3	8018.6	7884.9	7635.1
50°	10055.0	10053.6	10046.9	9925.3	9806.5	9713.3	9595.8	9418.9	9224.5	9073.2	8787.0
52.5°	10724.8	10813.9	10851.7	10850.3	10835.5	10792.3	10703.2	10550.6	10353.4	10268.3	10040.1
55°	11278.4	11472.9	11574.2	11795.6	11815.9	11887.4	11809.1	11810.5	11694.3	11702.4	11629.5
57.5°	12117.0	12472.2	12676.1	13166.3	13412.0	13709.1	13656.4	13904.9	13995.4	14110.2	14262.8
60°	13069.0	13732.1	14215.5	15190.5	15587.5	16068.2	16332.9	16615.1	16820.4	17031.1	17186.4
62.5°	13749.6	14620.6	15414.7	16804.2	17320.0	17826.4	18160.0	18501.6	18732.5	18883.8	18995.9
65°	13471.4	14434.3	15372.8	16829.9	17391.6	17758.9	18155.9	18353.1	18584.0	18709.6	18870.3
67.5°	11447.2	12412.7	13418.8	15137.8	15725.2	16233.0	16542.2	16797.4	16983.8	17143.1	17328.1
70°	8512.8	9568.8	10608.6	12493.8	13235.1	13968.4	14333.0	14649.0	14843.4	15004.1	15208.0
72.5°	6126.7	6788.4	7437.9	9548.6	10289.9	11237.9	11616.0	11967.1	12219.6	12211.5	12427.6
75°	4877.6	5146.3	5435.3	6525.1	7057.1	7856.5	8068.6	8265.7	8146.9	7918.7	7905.2
77.5°	4060.6	4171.3	4268.6	4610.2	4688.5	4878.9	4773.6	4664.2	4311.8	4014.7	3858.1
80°	3296.3	3515.1	3658.2	3901.3	4001.2	4057.9	4072.8	4035.0	3905.3	3725.7	3439.4
82.5°	2450.9	2866.9	3150.4	3628.5	3804.0	3840.5	3910.7	3867.5	3782.4	3636.6	3431.3
85°	718.4	812.9	931.8	1264.0	1481.4	1666.4	1855.4	1948.6	2006.7	1925.6	1713.6
87.5°	252.5	284.9	318.7	438.9	467.2	564.5	553.7	653.6	657.6	686.0	656.3
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7
2.5°	2236.2	2236.2	2236.2	2237.6	2237.6	2237.6	2234.9	2233.5	2234.9	2237.6	2237.6
5°	2288.9	2290.3	2293.0	2287.6	2288.9	2293.0	2290.3	2288.9	2290.3	2293.0	2290.3
7.5°	2374.0	2375.3	2372.6	2378.0	2378.0	2380.7	2384.8	2380.7	2382.1	2383.4	2384.8
10°	2484.7	2486.1	2488.8	2492.8	2494.2	2496.9	2499.6	2503.6	2503.6	2500.9	2507.7
12.5°	2617.0	2615.7	2618.4	2623.8	2626.5	2630.6	2638.7	2638.7	2644.1	2642.7	2649.5
15°	2746.7	2753.4	2754.8	2764.2	2768.3	2775.0	2784.5	2789.9	2789.9	2798.0	2800.7
17.5°	2876.3	2881.7	2887.1	2895.2	2900.6	2904.7	2915.5	2922.2	2920.9	2935.7	2935.7
20°	2976.2	2987.1	2993.8	2999.2	3008.7	3015.4	3023.5	3031.6	3037.0	3046.5	3049.2
22.5°	3073.5	3080.2	3089.7	3096.4	3107.2	3115.3	3124.8	3131.5	3141.0	3153.2	3157.2
25°	3181.5	3192.3	3203.1	3212.6	3220.7	3230.1	3246.3	3261.2	3274.7	3285.5	3289.5
27.5°	3331.4	3343.6	3359.8	3366.5	3378.7	3386.8	3411.1	3430.0	3436.7	3455.6	3461.0
30°	3534.0	3547.5	3563.7	3571.8	3593.4	3604.2	3629.8	3650.1	3656.8	3679.8	3683.9
32.5°	3827.0	3835.1	3867.5	3866.2	3895.9	3926.9	3941.8	3958.0	3987.7	3999.8	4003.9
35°	4233.5	4252.4	4275.3	4274.0	4311.8	4329.3	4359.0	4376.6	4398.2	4396.9	4419.8
37.5°	4626.4	4633.2	4641.3	4658.8	4685.8	4710.1	4720.9	4738.5	4754.7	4779.0	4808.7
40°	5054.5	5070.7	5072.0	5081.5	5095.0	5126.1	5146.3	5165.2	5220.6	5255.7	5273.3
42.5°	5695.9	5691.9	5664.9	5682.4	5690.5	5737.8	5752.6	5810.7	5872.8	5947.1	5967.4
45°	6521.0	6467.0	6450.8	6444.0	6487.3	6511.6	6572.3	6680.4	6745.2	6815.4	6849.2
47.5°	7536.5	7367.7	7288.0	7270.5	7315.0	7419.0	7439.3	7546.0	7631.0	7682.3	7716.1
50°	8553.3	8421.0	8253.6	8196.8	8184.7	8280.6	8303.5	8392.6	8479.1	8493.9	8476.4
52.5°	9830.8	9614.7	9337.9	9238.0	9158.3	9165.1	9184.0	9221.8	9277.1	9254.2	9206.9
55°	11464.8	11219.0	11082.6	10893.6	10773.4	10751.8	10669.4	10556.0	10551.9	10566.8	10425.0
57.5°	14185.8	14083.2	14141.2	14121.0	14002.1	14073.7	13702.4	13597.0	13513.3	13367.5	13236.5
60°	17324.1	17429.4	17549.6	17826.4	17814.3	18092.5	17834.5	17769.7	17691.4	17241.7	17021.6
62.5°	19191.7	19233.5	19410.4	19668.4	19922.2	20188.3	20308.4	20350.3	20186.9	19819.6	19360.5
65°	18866.2	19051.2	19222.7	19445.6	19706.2	19972.2	20226.1	20374.6	20336.8	20093.7	19588.7
67.5°	17387.6	17582.0	17833.2	18066.8	18347.7	18578.6	18856.8	19129.6	19137.7	19016.1	18665.0
70°	15229.6	15455.2	15714.4	15845.4	16149.3	16358.6	16589.5	16859.6	16947.3	16962.2	16553.0
72.5°	12381.7	12476.2	12603.1	12534.3	12595.0	12728.7	12666.6	12688.2	12354.7	12416.8	11911.8
75°	7540.6	7454.1	7070.6	6720.9	6294.1	5966.0	6044.3	5417.7	4800.6	4769.6	4323.9
77.5°	3824.3	3686.6	3448.9	3201.8	2839.9	2425.3	2079.6	1706.9	1392.2	1212.6	1041.1
80°	3257.1	3159.9	3028.9	2849.3	2586.0	2279.5	1918.9	1635.3	1372.0	1097.9	879.1
82.5°	3116.7	2819.6	2629.2	2479.3	2194.4	1910.8	1713.6	1519.2	1332.8	1164.0	922.3
85°	1546.2	1367.9	1157.3	1026.3	790.0	618.5	579.3	476.7	444.3	343.0	289.0
87.5°	519.9	425.4	317.3	267.4	213.4	174.2	171.5	152.6	151.2	137.7	126.9
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°	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7
2.5°	2236.2	2238.9	2238.9	2236.2	2237.6	2234.9	2236.2	2237.6	2233.5	2232.2	2228.1
5°	2291.6	2290.3	2290.3	2291.6	2295.7	2297.0	2290.3	2293.0	2294.3	2287.6	2272.7
7.5°	2383.4	2383.4	2387.5	2386.1	2394.2	2391.5	2390.2	2390.2	2390.2	2376.7	2352.4
10°	2507.7	2507.7	2511.7	2517.1	2518.5	2515.8	2515.8	2517.1	2523.9	2496.9	2459.1
12.5°	2646.8	2653.5	2652.2	2652.2	2668.4	2664.3	2658.9	2664.3	2671.1	2633.3	2579.2
15°	2802.0	2806.1	2808.8	2818.3	2815.6	2825.0	2827.7	2825.0	2831.8	2783.1	2692.7
17.5°	2942.5	2950.6	2953.3	2964.1	2964.1	2965.4	2976.2	2972.2	2973.5	2918.2	2788.5
20°	3058.6	3066.7	3070.8	3082.9	3085.6	3091.0	3095.1	3097.8	3104.5	3038.4	2866.9
22.5°	3174.8	3181.5	3188.3	3196.4	3207.2	3213.9	3219.3	3222.0	3234.2	3157.2	2941.1
25°	3304.4	3319.2	3326.0	3339.5	3350.3	3361.1	3369.2	3370.6	3390.8	3294.9	3001.9
27.5°	3477.2	3497.5	3508.3	3529.9	3540.7	3551.5	3548.8	3565.0	3593.4	3452.9	3049.2
30°	3704.1	3729.8	3736.5	3758.1	3775.7	3786.5	3798.6	3812.1	3831.0	3628.5	3072.1
32.5°	4020.1	4059.3	4068.7	4080.9	4106.5	4125.4	4133.5	4155.1	4160.5	3794.6	3065.4
35°	4453.6	4436.0	4481.9	4492.7	4529.2	4544.0	4553.5	4581.9	4560.3	3975.5	3020.8
37.5°	4845.2	4839.8	4884.3	4908.7	4955.9	4945.1	4968.1	4987.0	4910.0	4103.8	2938.4
40°	5323.2	5316.5	5378.6	5386.7	5459.6	5443.4	5452.9	5467.7	5296.2	4192.9	2788.5
42.5°	5990.3	5993.0	6059.2	6067.3	6076.7	6106.4	6057.8	6060.5	5706.7	4217.3	2541.4
45°	6869.4	6916.7	6876.2	6877.5	6874.8	6818.1	6757.3	6685.8	6133.5	4133.5	2222.7
47.5°	7721.5	7689.1	7637.8	7590.5	7551.4	7462.2	7373.1	7251.6	6502.1	3935.0	1867.6
50°	8450.7	8377.8	8331.9	8200.9	8107.7	7991.6	7867.3	7728.3	6804.6	3648.7	1535.4
52.5°	9128.6	9053.0	8881.5	8745.1	8611.4	8457.5	8313.0	8149.6	7072.0	3321.9	1281.5
55°	10254.8	10188.7	10017.2	9767.3	9602.6	9390.6	9200.2	8978.7	7613.5	3057.3	1114.1
57.5°	12875.9	12819.2	12458.7	12300.7	12083.2	11551.2	11472.9	11127.2	9065.1	3026.2	1015.5
60°	16566.5	16323.5	16023.7	15591.6	15082.5	14906.9	14515.3	14054.8	11401.3	3111.3	935.8
62.5°	18832.5	18278.8	17838.6	17340.3	16871.7	16469.3	16041.2	15586.1	12596.4	2999.2	837.2
65°	19002.6	18351.7	17769.7	17185.0	16658.4	16157.4	15741.4	15286.4	12207.5	2577.9	709.0
67.5°	18065.5	17379.5	16744.8	16081.7	15549.7	15097.3	14568.0	14130.4	11111.0	2006.7	590.1
70°	16133.1	15530.8	14983.9	14269.5	13827.9	13277.0	12940.7	12393.8	9685.0	1367.9	487.5
72.5°	11620.1	11166.3	10988.1	10489.8	9911.8	9587.7	9432.4	8901.7	7157.0	849.4	398.4
75°	3925.6	4037.7	3781.1	3388.1	3579.9	3284.1	3404.3	3151.8	3027.6	487.5	334.9
77.5°	871.0	818.3	756.2	702.2	698.1	656.3	695.4	657.6	703.6	310.6	295.7
80°	687.3	542.9	461.8	421.3	399.7	387.6	378.1	367.3	334.9	264.7	272.8
82.5°	742.7	560.4	410.5	328.1	280.9	263.3	259.3	248.5	245.8	256.6	275.5
85°	237.7	198.5	168.8	159.3	147.2	140.4	137.7	133.7	162.0	279.5	264.7
87.5°	124.2	109.4	97.2	93.2	81.0	75.6	74.3	75.6	113.4	279.5	191.8
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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CATALOG NUMBER: VST-E08-LED-E-U-SL2-8030

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7	2222.7
2.5°	2224.1	2222.7	2220.0	2218.7	2217.3	2210.6	2216.0
5°	2265.9	2252.4	2240.3	2225.4	2217.3	2210.6	2210.6
7.5°	2329.4	2291.6	2260.5	2226.8	2203.8	2186.3	2183.6
10°	2409.1	2336.2	2264.6	2203.8	2160.6	2128.2	2124.2
12.5°	2484.7	2374.0	2260.5	2160.6	2093.1	2047.2	2044.5
15°	2554.9	2394.2	2229.5	2082.3	1981.0	1920.2	1913.5
17.5°	2610.3	2382.1	2159.3	1972.9	1835.2	1763.6	1759.6
20°	2622.4	2333.5	2059.3	1837.9	1692.0	1616.4	1598.9
22.5°	2611.6	2245.7	1935.1	1689.3	1521.9	1446.3	1436.8
25°	2579.2	2139.0	1781.2	1516.5	1361.2	1284.2	1265.3
27.5°	2521.2	2013.4	1615.1	1349.0	1195.1	1120.8	1101.9
30°	2434.7	1862.2	1438.2	1192.4	1033.0	973.6	954.7
32.5°	2314.6	1678.5	1264.0	1031.7	899.4	852.1	844.0
35°	2148.5	1467.9	1081.7	899.4	802.1	773.8	769.7
37.5°	1936.5	1257.2	929.1	804.8	734.6	717.1	714.4
40°	1659.6	1041.1	821.0	737.3	686.0	671.1	668.4
42.5°	1374.7	879.1	741.4	683.3	641.4	627.9	623.9
45°	1124.9	769.7	681.9	638.7	599.6	584.7	583.4
47.5°	938.5	706.3	633.3	598.2	559.1	541.5	542.9
50°	802.1	648.2	592.8	563.1	518.5	502.3	503.7
52.5°	709.0	590.1	555.0	521.2	483.4	467.2	467.2
55°	636.0	542.9	518.5	482.1	452.4	437.5	436.2
57.5°	576.6	505.0	483.4	453.7	424.0	406.5	406.5
60°	540.2	478.0	460.5	433.5	398.4	379.5	378.1
62.5°	518.5	469.9	455.1	417.3	378.1	359.2	355.2
65°	502.3	488.8	469.9	407.8	361.9	341.6	337.6
67.5°	503.7	533.4	506.4	413.2	356.5	326.8	321.4
70°	511.8	568.5	532.1	425.4	379.5	320.0	307.9
72.5°	471.3	514.5	479.4	405.1	370.0	307.9	293.0
75°	393.0	375.4	344.3	329.5	332.2	279.5	274.1
77.5°	318.7	279.5	249.8	262.0	279.5	239.0	233.6
80°	276.8	226.9	212.0	232.3	253.9	203.9	190.4
82.5°	259.3	191.8	182.3	241.7	266.0	175.6	153.9
85°	228.2	156.6	143.1	284.9	266.0	132.3	122.9
87.5°	152.6	93.2	89.1	209.3	182.3	91.8	74.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)