

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: McGRAW-EDISON

Report Number: P158155

Luminaire Tested: **VTS-F08-LED-E1-SL2**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P158155  
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: MCGRAW-EDISON  
Catalog Number: VTS-F08-LED-E1-SL2  
Description: VENTUS LED SITE LUMINAIRE  
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL  
Light Source: (56) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: -

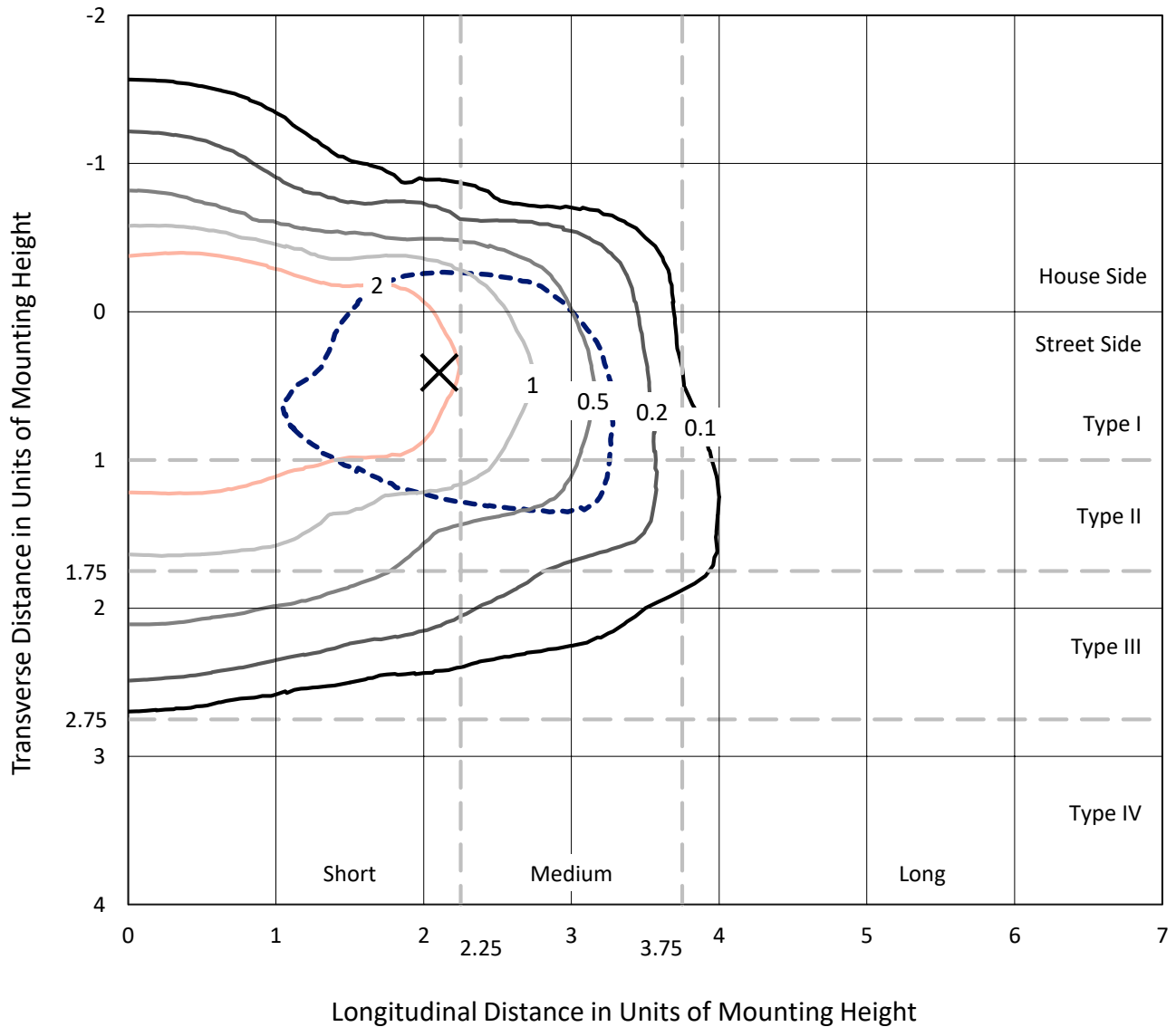
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 19870.5 lumens  
Efficiency: N/A  
Efficacy: 97.2 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: 25 FT

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### Iso-Footcandle Lines of Horizontal Illumination

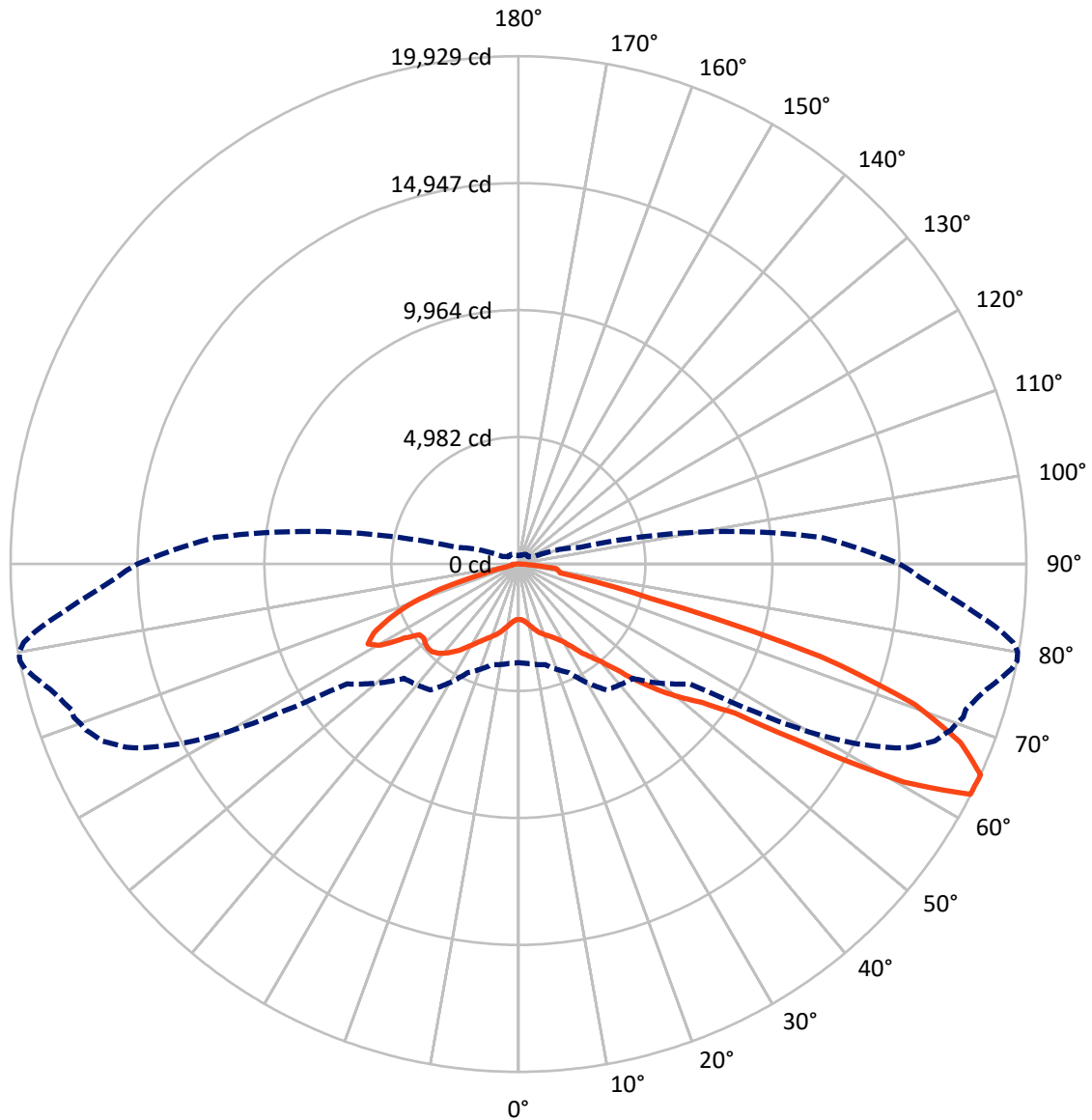
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.5 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
<b>House Side</b>	Lumens	4565.9	0.0	4565.9
	% Fixture	23.0	0.0	23.0
<b>Street Side</b>	Lumens	15304.6	0.0	15304.6
	% Fixture	77.0	0.0	77.0
<b>Total</b>	Lumens	19870.5	0.0	19870.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	215.1	1.1
10°-20°	698.6	3.5
20°-30°	1204.3	6.1
30°-40°	1972.7	9.9
40°-50°	3303.5	16.6
50°-60°	4468.5	22.5
60°-70°	5503.0	27.7
70°-80°	2130.2	10.7
80°-90°	374.6	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°	19870.5	100.0
0°-180°	19870.5	100.0



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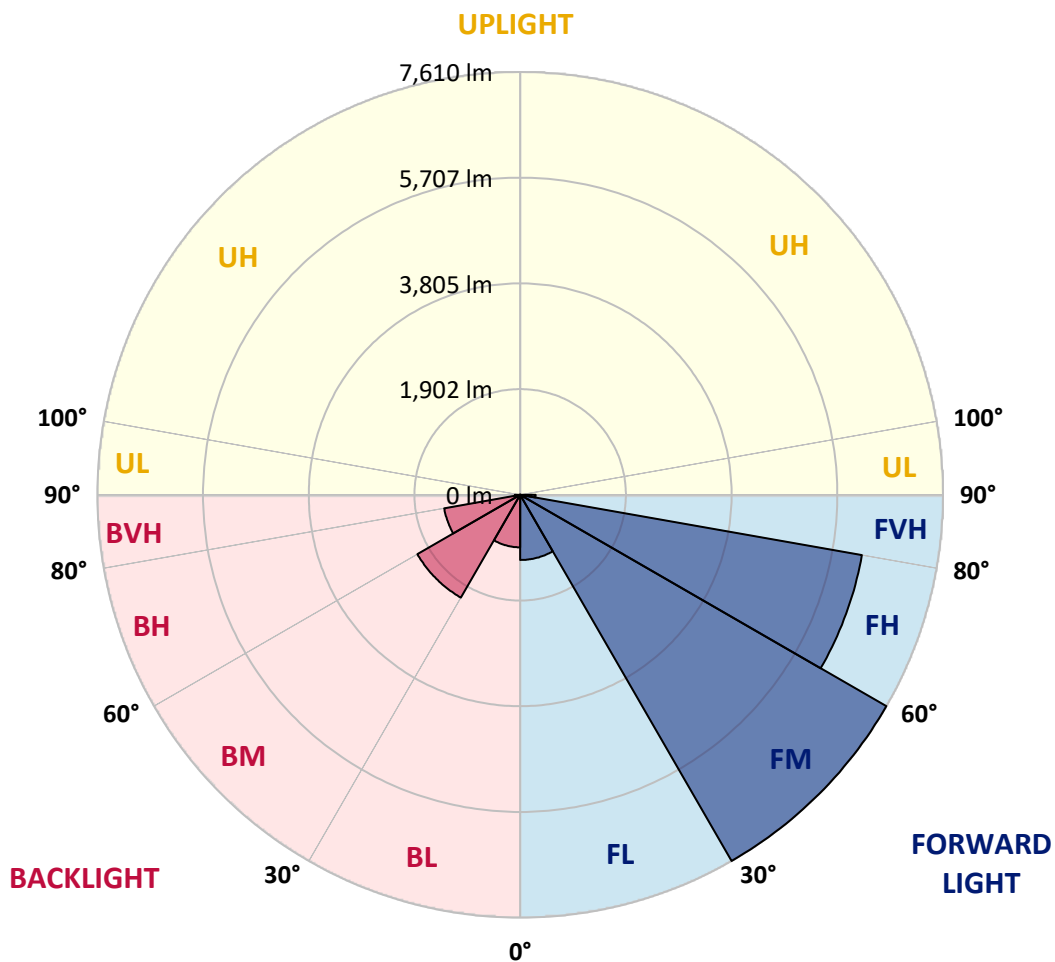
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1173.1	5.9			
FM (30°-60°)	7609.5	38.3			
FH (60°-80°)	6244.0	31.4			G3/7500
FVH (80°-90°)	278.0	1.4			G3/500
BL (0°-30°)	944.9	4.8	B2/1000		
BM (30°-60°)	2135.2	10.7	B2/2500		
BH (60°-80°)	1389.1	7.0	B3/2500		G3/2500
BVH (80°-90°)	96.6	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°	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1
2.5°	2178.1	2171.5	2178.1	2183.3	2187.3	2192.6	2191.3	2190.0	2188.6	2190.0	2190.0
5°	2196.6	2195.2	2201.8	2207.1	2216.4	2223.0	2230.9	2230.9	2230.9	2229.6	2232.2
7.5°	2256.0	2254.7	2261.3	2266.6	2274.5	2287.7	2298.3	2303.5	2302.2	2302.2	2302.2
10°	2353.7	2348.5	2348.5	2348.5	2359.0	2368.3	2392.0	2394.7	2400.0	2397.3	2398.6
12.5°	2448.8	2450.2	2446.2	2442.2	2443.6	2462.0	2496.4	2503.0	2504.3	2508.3	2510.9
15°	2534.7	2533.4	2524.1	2514.9	2526.8	2558.5	2603.4	2615.3	2615.3	2623.2	2628.5
17.5°	2613.9	2611.3	2594.1	2578.3	2590.2	2644.3	2714.3	2722.3	2734.1	2738.1	2743.4
20°	2707.7	2702.4	2682.6	2640.4	2640.4	2714.3	2806.8	2814.7	2825.3	2827.9	2837.2
22.5°	2838.5	2825.3	2783.0	2706.4	2685.3	2771.1	2884.7	2888.7	2896.6	2907.2	2915.1
25°	2986.4	2989.1	2920.4	2787.0	2740.7	2830.6	2960.0	2966.6	2981.1	2989.1	2998.3
27.5°	3139.6	3143.6	3067.0	2900.6	2822.6	2912.5	3061.7	3069.6	3086.8	3096.0	3110.6
30°	3314.0	3319.3	3245.3	3077.6	2958.7	3032.6	3212.3	3233.4	3247.9	3259.8	3283.6
32.5°	3732.7	3701.0	3649.5	3471.2	3283.6	3278.3	3455.3	3479.1	3498.9	3524.0	3546.5
35°	4259.7	4279.5	4305.9	4185.7	4020.6	3900.4	3915.0	3901.8	3920.3	3957.2	3979.7
37.5°	4677.1	4720.7	4835.6	4913.5	4906.9	4883.1	4661.2	4661.2	4673.1	4653.3	4650.7
40°	5004.7	5032.4	5267.5	5570.0	5824.9	5950.4	5774.7	5749.6	5762.8	5661.1	5665.1
42.5°	5173.7	5214.7	5552.8	6083.8	6589.7	6992.5	6938.4	6921.2	6881.6	6856.5	6840.6
45°	5259.6	5308.5	5711.3	6440.4	7177.4	7799.6	8079.6	8076.9	8041.3	8012.2	7999.0
47.5°	5216.0	5258.3	5687.5	6548.7	7486.5	8320.0	8939.4	8977.7	8967.2	9009.4	9026.6
50°	4930.7	4984.8	5415.4	6314.9	7357.1	8524.7	9535.1	9606.5	9702.9	9763.6	9844.2
52.5°	4673.1	4718.0	5106.4	5935.9	6931.8	8358.3	9894.4	10041.0	10173.1	10297.3	10393.7
55°	4403.7	4448.6	4789.4	5542.2	6502.5	7866.9	10058.2	10272.2	10478.2	10688.2	10881.1
57.5°	4302.0	4349.5	4603.1	5237.1	6151.2	7379.5	10138.8	10490.1	10825.6	11182.2	11552.1
60°	4566.1	4608.4	4801.3	5245.1	5883.0	6892.1	9976.3	10528.4	11105.6	11693.4	12261.4
62.5°	4485.6	4508.0	4748.4	5436.6	6225.1	6411.4	9272.3	10001.4	10840.1	11701.3	12571.8
65°	3870.1	3913.6	4094.6	4699.5	6033.6	6346.6	8199.8	8932.8	9922.1	10940.5	12106.8
67.5°	2776.4	2715.6	2855.7	3385.3	4681.1	6336.1	6992.5	7535.4	8310.7	9091.3	10047.6
70°	1261.4	1232.3	1342.0	1760.7	2824.0	5007.3	5912.1	6095.7	6383.6	6909.3	7555.2
72.5°	498.0	496.6	568.0	727.8	1335.4	3222.8	4971.6	5077.3	5179.0	5407.5	5686.2
75°	326.2	326.2	347.4	392.3	657.8	1555.9	4205.6	4302.0	4457.8	4522.6	4641.4
77.5°	245.7	247.0	256.2	266.8	363.2	818.9	2967.9	3310.0	3574.2	3771.0	3915.0
80°	174.4	182.3	199.4	206.1	236.4	466.3	1677.5	1924.5	2223.0	2541.3	2941.5
82.5°	130.8	140.0	169.1	177.0	187.6	265.5	756.8	858.5	1002.5	1299.7	1869.0
85°	60.8	67.4	116.2	126.8	136.0	153.2	384.4	429.3	487.4	533.6	622.1
87.5°	9.2	6.6	19.8	27.7	43.6	44.9	132.1	157.2	170.4	204.7	212.7
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°	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1
2.5°	2190.0	2191.3	2192.6	2190.0	2191.3	2191.3	2188.6	2187.3	2187.3	2187.3	2188.6
5°	2232.2	2234.9	2232.2	2233.5	2238.8	2237.5	2234.9	2233.5	2238.8	2240.1	2236.2
7.5°	2307.5	2308.8	2303.5	2310.1	2312.8	2314.1	2314.1	2316.8	2316.8	2320.7	2316.8
10°	2403.9	2403.9	2413.2	2411.9	2413.2	2415.8	2417.1	2422.4	2426.4	2426.4	2429.0
12.5°	2514.9	2516.2	2525.4	2526.8	2532.1	2533.4	2541.3	2536.0	2549.2	2549.2	2553.2
15°	2629.8	2639.0	2640.4	2653.6	2656.2	2657.5	2668.1	2668.1	2677.3	2678.7	2681.3
17.5°	2743.4	2751.3	2756.6	2767.2	2776.4	2780.4	2784.3	2792.3	2798.9	2801.5	2808.1
20°	2841.1	2849.1	2854.3	2864.9	2872.8	2879.4	2883.4	2892.6	2899.2	2901.9	2911.1
22.5°	2923.0	2928.3	2937.5	2952.1	2954.7	2962.6	2974.5	2981.1	2983.8	2991.7	3002.3
25°	3010.2	3018.1	3023.4	3036.6	3047.2	3060.4	3071.0	3081.5	3084.2	3094.7	3104.0
27.5°	3126.4	3134.4	3135.7	3162.1	3172.7	3191.1	3203.0	3218.9	3226.8	3236.1	3254.5
30°	3298.1	3316.6	3324.6	3354.9	3360.2	3381.4	3402.5	3407.8	3419.7	3421.0	3451.4
32.5°	3561.0	3587.4	3598.0	3629.7	3637.6	3657.4	3669.3	3697.0	3698.4	3711.6	3718.2
35°	3991.6	3985.0	4025.9	4033.8	4057.6	4074.8	4086.7	4086.7	4111.8	4113.1	4121.0
37.5°	4579.4	4566.1	4576.7	4529.2	4541.0	4519.9	4516.0	4521.2	4510.7	4513.3	4512.0
40°	5519.8	5460.4	5398.3	5251.7	5220.0	5159.2	5111.7	5073.3	5036.4	4996.7	4970.3
42.5°	6699.3	6613.4	6521.0	6285.9	6176.2	6058.7	5943.8	5877.7	5745.7	5665.1	5621.5
45°	7935.6	7835.2	7705.8	7510.3	7354.4	7229.0	7018.9	6919.9	6715.1	6613.4	6476.1
47.5°	8948.7	8950.0	8845.7	8647.5	8481.1	8397.9	8267.1	8075.6	7843.1	7712.4	7468.0
50°	9835.0	9833.7	9827.0	9708.2	9591.9	9500.8	9385.9	9212.9	9022.7	8874.7	8594.7
52.5°	10490.1	10577.3	10614.3	10612.9	10598.4	10556.2	10469.0	10319.7	10126.9	10043.7	9820.4
55°	11031.7	11221.9	11320.9	11537.5	11557.3	11627.4	11550.7	11552.1	11438.5	11446.4	11375.1
57.5°	11851.9	12199.3	12398.7	12878.2	13118.6	13409.2	13357.7	13600.7	13689.2	13801.5	13950.7
60°	12783.1	13431.6	13904.5	14858.1	15246.5	15716.7	15975.6	16251.6	16452.4	16658.4	16810.3
62.5°	13448.8	14300.7	15077.4	16436.5	16941.1	17436.4	17762.7	18096.8	18322.7	18470.6	18580.3
65°	13176.7	14118.5	15036.4	16461.6	17011.1	17370.4	17758.7	17951.5	18177.4	18300.2	18457.4
67.5°	11196.8	12141.2	13125.2	14806.6	15381.2	15877.8	16180.3	16429.9	16612.2	16768.1	16949.0
70°	8326.6	9359.5	10376.5	12220.4	12945.6	13662.8	14019.4	14328.5	14518.7	14675.9	14875.3
72.5°	5992.7	6639.9	7275.2	9339.7	10064.8	10992.0	11361.9	11705.3	11952.3	11944.4	12155.7
75°	4770.9	5033.7	5316.4	6382.3	6902.7	7684.6	7892.0	8084.9	7968.6	7745.4	7732.2
77.5°	3971.8	4080.1	4175.2	4509.3	4586.0	4772.2	4669.2	4562.2	4217.4	3926.9	3773.6
80°	3224.2	3438.1	3578.2	3815.9	3913.6	3969.1	3983.7	3946.7	3819.9	3644.2	3364.2
82.5°	2397.3	2804.1	3081.5	3549.1	3720.8	3756.5	3825.2	3782.9	3699.7	3557.0	3356.3
85°	702.7	795.1	911.4	1236.3	1449.0	1629.9	1814.8	1906.0	1962.8	1883.5	1676.1
87.5°	247.0	278.7	311.7	429.3	457.0	552.1	541.5	639.3	643.2	671.0	641.9
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):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1
2.5°	2187.3	2187.3	2187.3	2188.6	2188.6	2188.6	2186.0	2184.7	2186.0	2188.6	2188.6
5°	2238.8	2240.1	2242.8	2237.5	2238.8	2242.8	2240.1	2238.8	2240.1	2242.8	2240.1
7.5°	2322.0	2323.4	2320.7	2326.0	2326.0	2328.6	2332.6	2328.6	2330.0	2331.3	2332.6
10°	2430.3	2431.7	2434.3	2438.3	2439.6	2442.2	2444.9	2448.8	2448.8	2446.2	2452.8
12.5°	2559.8	2558.5	2561.1	2566.4	2569.0	2573.0	2580.9	2580.9	2586.2	2584.9	2591.5
15°	2686.6	2693.2	2694.5	2703.8	2707.7	2714.3	2723.6	2728.9	2728.9	2736.8	2739.4
17.5°	2813.4	2818.7	2824.0	2831.9	2837.2	2841.1	2851.7	2858.3	2857.0	2871.5	2871.5
20°	2911.1	2921.7	2928.3	2933.6	2942.8	2949.4	2957.4	2965.3	2970.6	2979.8	2982.5
22.5°	3006.2	3012.8	3022.1	3028.7	3039.3	3047.2	3056.4	3063.0	3072.3	3084.2	3088.1
25°	3111.9	3122.5	3133.0	3142.3	3150.2	3159.4	3175.3	3189.8	3203.0	3213.6	3217.6
27.5°	3258.5	3270.4	3286.2	3292.9	3304.7	3312.7	3336.4	3354.9	3361.5	3380.0	3385.3
30°	3456.6	3469.8	3485.7	3493.6	3514.8	3525.3	3550.4	3570.2	3576.8	3599.3	3603.3
32.5°	3743.3	3751.2	3782.9	3781.6	3810.6	3841.0	3855.5	3871.4	3900.4	3912.3	3916.3
35°	4140.8	4159.3	4181.8	4180.5	4217.4	4234.6	4263.7	4280.8	4302.0	4300.7	4323.1
37.5°	4525.2	4531.8	4539.7	4556.9	4583.3	4607.1	4617.7	4634.8	4650.7	4674.5	4703.5
40°	4943.9	4959.8	4961.1	4970.3	4983.5	5013.9	5033.7	5052.2	5106.4	5140.7	5157.9
42.5°	5571.3	5567.3	5540.9	5558.1	5566.0	5612.2	5626.8	5683.6	5744.3	5817.0	5836.8
45°	6378.3	6325.5	6309.7	6303.0	6345.3	6369.1	6428.5	6534.2	6597.6	6666.3	6699.3
47.5°	7371.6	7206.5	7128.6	7111.4	7155.0	7256.7	7276.5	7380.9	7464.1	7514.3	7547.3
50°	8366.2	8236.8	8073.0	8017.5	8005.6	8099.4	8121.8	8209.0	8293.6	8308.1	8290.9
52.5°	9615.7	9404.4	9133.6	9035.9	8957.9	8964.5	8983.0	9020.0	9074.2	9051.7	9005.5
55°	11213.9	10973.5	10840.1	10655.2	10537.7	10516.5	10436.0	10325.0	10321.0	10335.6	10196.9
57.5°	13875.4	13775.0	13831.8	13812.0	13695.8	13765.8	13402.6	13299.5	13217.6	13075.0	12946.9
60°	16945.1	17048.1	17165.6	17436.4	17424.5	17696.6	17444.3	17380.9	17304.3	16864.5	16649.2
62.5°	18771.8	18812.7	18985.8	19238.0	19486.4	19746.6	19864.1	19905.1	19745.2	19386.0	18936.9
65°	18453.5	18634.4	18802.2	19020.1	19275.0	19535.2	19783.5	19928.8	19891.8	19654.1	19160.1
67.5°	17007.1	17197.3	17443.0	17671.5	17946.3	18172.1	18444.2	18711.0	18718.9	18600.1	18256.6
70°	14896.4	15117.0	15370.6	15498.7	15795.9	16000.7	16226.5	16490.7	16576.5	16591.1	16190.9
72.5°	12110.8	12203.2	12327.4	12260.0	12319.5	12450.2	12389.5	12410.6	12084.4	12145.1	11651.1
75°	7375.6	7291.0	6915.9	6573.8	6156.4	5835.5	5912.1	5299.2	4695.6	4665.2	4229.3
77.5°	3740.6	3605.9	3373.4	3131.7	2777.7	2372.2	2034.1	1669.5	1361.8	1186.1	1018.4
80°	3185.9	3090.8	2962.6	2787.0	2529.4	2229.6	1876.9	1599.5	1342.0	1073.8	859.9
82.5°	3048.5	2757.9	2571.7	2425.1	2146.4	1869.0	1676.1	1485.9	1303.7	1138.6	902.1
85°	1512.4	1338.0	1132.0	1003.8	772.7	604.9	566.6	466.3	434.6	335.5	282.7
87.5°	508.5	416.1	310.4	261.5	208.7	170.4	167.7	149.3	147.9	134.7	124.2
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°	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1
2.5°	2187.3	2190.0	2190.0	2187.3	2188.6	2186.0	2187.3	2188.6	2184.7	2183.3	2179.4
5°	2241.5	2240.1	2240.1	2241.5	2245.4	2246.7	2240.1	2242.8	2244.1	2237.5	2223.0
7.5°	2331.3	2331.3	2335.2	2333.9	2341.8	2339.2	2337.9	2337.9	2337.9	2324.7	2300.9
10°	2452.8	2452.8	2456.8	2462.0	2463.4	2460.7	2460.7	2462.0	2468.6	2442.2	2405.2
12.5°	2588.8	2595.5	2594.1	2594.1	2610.0	2606.0	2600.7	2606.0	2612.6	2575.6	2522.8
15°	2740.7	2744.7	2747.3	2756.6	2754.0	2763.2	2765.8	2763.2	2769.8	2722.3	2633.8
17.5°	2878.1	2886.0	2888.7	2899.2	2899.2	2900.6	2911.1	2907.2	2908.5	2854.3	2727.5
20°	2991.7	2999.6	3003.6	3015.5	3018.1	3023.4	3027.4	3030.0	3036.6	2971.9	2804.1
22.5°	3105.3	3111.9	3118.5	3126.4	3137.0	3143.6	3148.9	3151.5	3163.4	3088.1	2876.8
25°	3232.1	3246.6	3253.2	3266.4	3277.0	3287.6	3295.5	3296.8	3316.6	3222.8	2936.2
27.5°	3401.2	3421.0	3431.5	3452.7	3463.2	3473.8	3471.2	3487.0	3514.8	3377.4	2982.5
30°	3623.1	3648.2	3654.8	3675.9	3693.1	3703.6	3715.5	3728.7	3747.2	3549.1	3004.9
32.5°	3932.1	3970.4	3979.7	3991.6	4016.7	4035.2	4043.1	4064.2	4069.5	3711.6	2998.3
35°	4356.1	4339.0	4383.9	4394.4	4430.1	4444.6	4453.9	4481.6	4460.5	3888.6	2954.7
37.5°	4739.2	4733.9	4777.5	4801.3	4847.5	4836.9	4859.4	4877.9	4802.6	4014.0	2874.1
40°	5206.8	5200.1	5260.9	5268.8	5340.2	5324.3	5333.6	5348.1	5180.3	4101.2	2727.5
42.5°	5859.2	5861.9	5926.6	5934.5	5943.8	5972.8	5925.3	5927.9	5581.9	4125.0	2485.8
45°	6719.1	6765.3	6725.7	6727.0	6724.4	6668.9	6609.5	6539.5	5999.3	4043.1	2174.1
47.5°	7552.6	7520.9	7470.7	7424.4	7386.1	7299.0	7211.8	7092.9	6359.8	3848.9	1826.7
50°	8265.8	8194.5	8149.6	8021.5	7930.3	7816.7	7695.2	7559.2	6655.7	3568.9	1501.8
52.5°	8928.9	8854.9	8687.2	8553.8	8423.0	8272.4	8131.1	7971.3	6917.2	3249.3	1253.5
55°	10030.5	9965.7	9798.0	9553.6	9392.5	9185.1	8998.9	8782.3	7446.9	2990.4	1089.7
57.5°	12594.2	12538.7	12186.1	12031.5	11818.9	11298.5	11221.9	10883.7	8866.8	2960.0	993.3
60°	16204.1	15966.3	15673.1	15250.4	14752.5	14580.8	14197.7	13747.3	11151.9	3043.2	915.3
62.5°	18420.4	17878.9	17448.3	16960.9	16502.6	16109.0	15690.3	15245.1	12320.8	2933.6	818.9
65°	18586.9	17950.2	17380.9	16809.0	16293.9	15803.8	15397.0	14951.9	11940.4	2521.5	693.4
67.5°	17670.2	16999.2	16378.4	15729.9	15209.5	14767.0	14249.2	13821.3	10867.9	1962.8	577.2
70°	15780.1	15191.0	14656.0	13957.3	13525.4	12986.5	12657.6	12122.7	9473.1	1338.0	476.8
72.5°	11365.8	10922.0	10747.7	10260.3	9695.0	9378.0	9226.1	8707.0	7000.5	830.8	389.6
75°	3839.7	3949.3	3698.4	3314.0	3501.5	3212.3	3329.8	3082.8	2961.3	476.8	327.6
77.5°	851.9	800.4	739.7	686.8	682.9	641.9	680.2	643.2	688.2	303.8	289.3
80°	672.3	531.0	451.7	412.1	391.0	379.1	369.8	359.3	327.6	258.9	266.8
82.5°	726.5	548.1	401.5	321.0	274.7	257.6	253.6	243.0	240.4	251.0	269.5
85°	232.5	194.2	165.1	155.9	144.0	137.4	134.7	130.8	158.5	273.4	258.9
87.5°	121.5	107.0	95.1	91.1	79.3	74.0	72.6	74.0	111.0	273.4	187.6
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: P158155

CATALOG NUMBER: VTS-F08-LED-E1-SL2

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1	2174.1
2.5°	2175.4	2174.1	2171.5	2170.1	2168.8	2162.2	2167.5
5°	2216.4	2203.2	2191.3	2176.7	2168.8	2162.2	2162.2
7.5°	2278.4	2241.5	2211.1	2178.1	2155.6	2138.4	2135.8
10°	2356.4	2285.1	2215.0	2155.6	2113.3	2081.6	2077.7
12.5°	2430.3	2322.0	2211.1	2113.3	2047.3	2002.4	1999.8
15°	2499.0	2341.8	2180.7	2036.7	1937.7	1878.2	1871.6
17.5°	2553.2	2330.0	2112.0	1929.7	1795.0	1725.0	1721.1
20°	2565.1	2282.4	2014.3	1797.7	1655.0	1581.0	1563.9
22.5°	2554.5	2196.6	1892.8	1652.4	1488.6	1414.6	1405.4
25°	2522.8	2092.2	1742.2	1483.3	1331.4	1256.1	1237.6
27.5°	2466.0	1969.4	1579.7	1319.5	1168.9	1096.3	1077.8
30°	2381.5	1821.4	1406.7	1166.3	1010.4	952.3	933.8
32.5°	2263.9	1641.8	1236.3	1009.1	879.7	833.4	825.5
35°	2101.5	1435.8	1058.0	879.7	784.6	756.8	752.9
37.5°	1894.1	1229.7	908.7	787.2	718.5	701.4	698.7
40°	1623.3	1018.4	803.1	721.2	671.0	656.5	653.8
42.5°	1344.6	859.9	725.1	668.3	627.4	614.2	610.2
45°	1100.3	752.9	667.0	624.8	586.5	571.9	570.6
47.5°	918.0	690.8	619.5	585.1	546.8	529.7	531.0
50°	784.6	634.0	579.8	550.8	507.2	491.4	492.7
52.5°	693.4	577.2	542.9	509.8	472.9	457.0	457.0
55°	622.1	531.0	507.2	471.5	442.5	428.0	426.6
57.5°	564.0	494.0	472.9	443.8	414.7	397.6	397.6
60°	528.3	467.6	450.4	424.0	389.6	371.2	369.8
62.5°	507.2	459.7	445.1	408.1	369.8	351.3	347.4
65°	491.4	478.1	459.7	398.9	354.0	334.2	330.2
67.5°	492.7	521.7	495.3	404.2	348.7	319.6	314.4
70°	500.6	556.1	520.4	416.1	371.2	313.0	301.2
72.5°	461.0	503.2	468.9	396.3	361.9	301.2	286.6
75°	384.4	367.2	336.8	322.3	324.9	273.4	268.1
77.5°	311.7	273.4	244.4	256.2	273.4	233.8	228.5
80°	270.8	221.9	207.4	227.2	248.3	199.4	186.2
82.5°	253.6	187.6	178.3	236.4	260.2	171.7	150.6
85°	223.2	153.2	140.0	278.7	260.2	129.4	120.2
87.5°	149.3	91.1	87.2	204.7	178.3	89.8	72.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)