

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: P158156

Luminaire Tested: **VTS-F08-LED-E1-SL2-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158156
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-SL2-7050
Description: VENTUS LED SITE LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (56) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

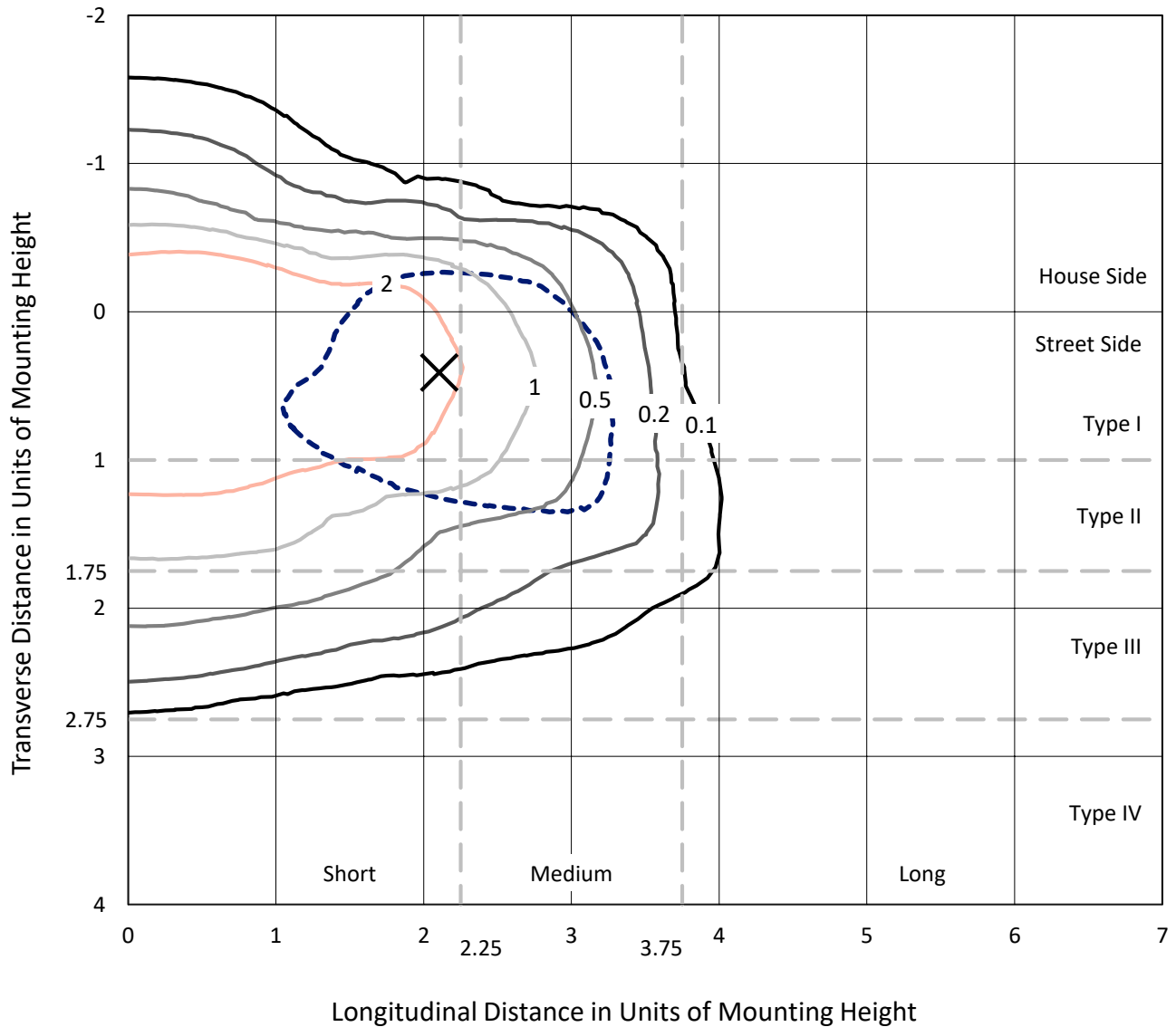
Lumens per Lamp: N/A
Luminaire Lumens: 20389.2 lumens
Efficiency: N/A
Efficacy: 99.8 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

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

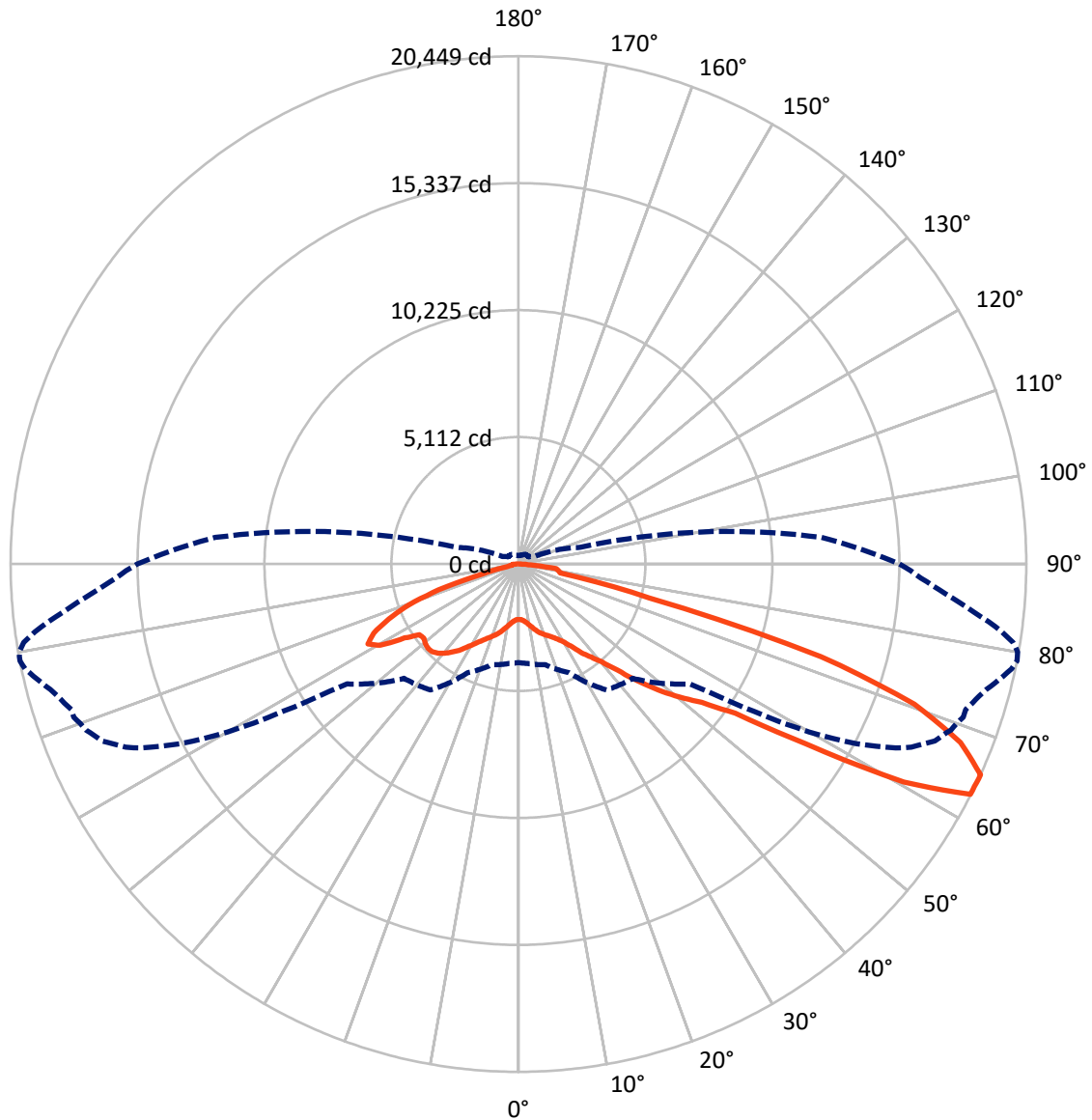
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 4.6 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	4685.1	0.0	4685.1
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	15704.1	0.0	15704.1
	% Fixture	77.0	0.0	77.0
Total	Lumens	20389.2	0.0	20389.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.7	1.1
10°-20°	716.8	3.5
20°-30°	1235.8	6.1
30°-40°	2024.2	9.9
40°-50°	3389.8	16.6
50°-60°	4585.2	22.5
60°-70°	5646.6	27.7
70°-80°	2185.8	10.7
80°-90°	384.4	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°	20389.2	100.0
0°-180°	20389.2	100.0



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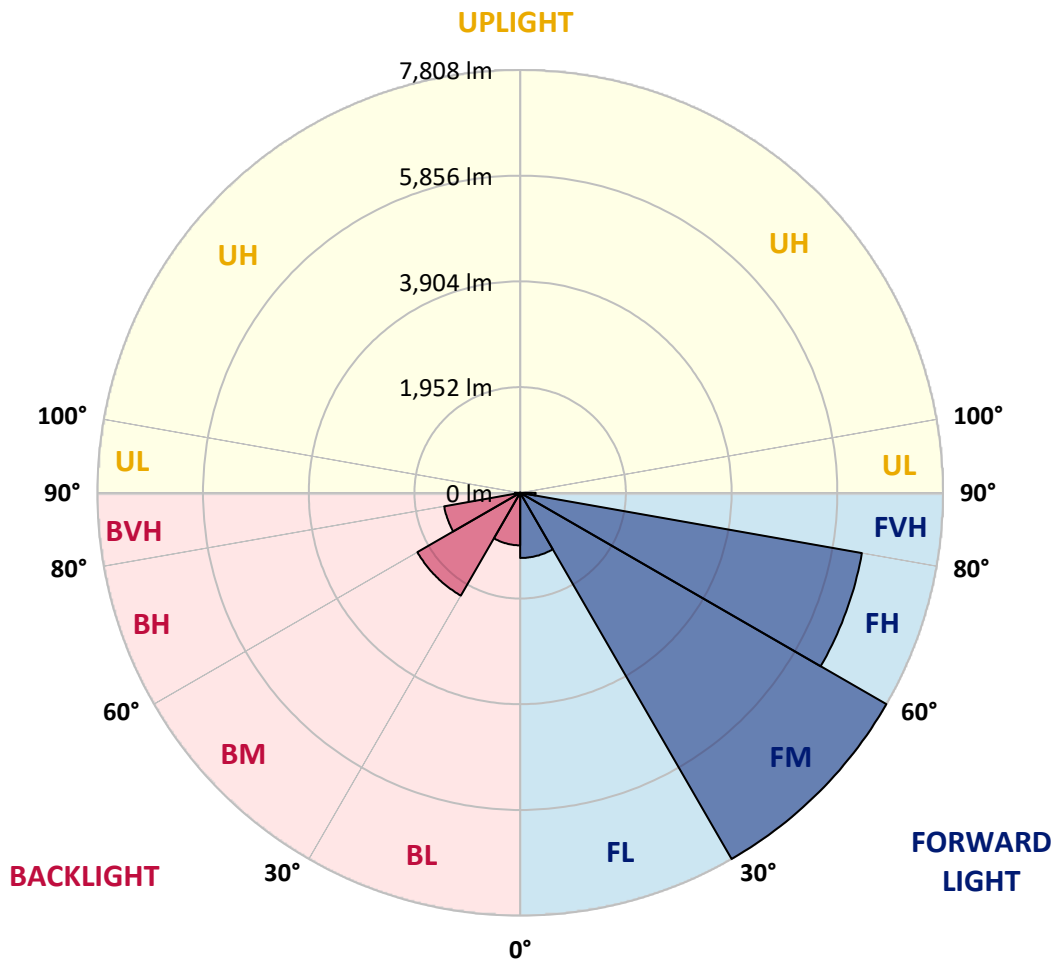
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1203.7	5.9			
FM (30°-60°)	7808.2	38.3			
FH (60°-80°)	6407.0	31.4			G3/7500
FVH (80°-90°)	285.2	1.4			G3/500
BL (0°-30°)	969.6	4.8	B2/1000		
BM (30°-60°)	2191.0	10.7	B2/2500		
BH (60°-80°)	1425.4	7.0	B3/2500		G3/2500
BVH (80°-90°)	99.2	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°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2.5°	2234.9	2228.1	2234.9	2240.3	2244.4	2249.8	2248.5	2247.1	2245.8	2247.1	2247.1
5°	2253.9	2252.5	2259.3	2264.7	2274.2	2281.0	2289.1	2289.1	2289.1	2287.8	2290.5
7.5°	2314.9	2313.5	2320.3	2325.7	2333.9	2347.4	2358.3	2363.7	2362.3	2362.3	2362.3
10°	2415.2	2409.8	2409.8	2409.8	2420.6	2430.1	2454.5	2457.2	2462.6	2459.9	2461.3
12.5°	2512.8	2514.1	2510.1	2506.0	2507.3	2526.3	2561.6	2568.3	2569.7	2573.8	2576.5
15°	2600.9	2599.5	2590.0	2580.5	2592.7	2625.3	2671.3	2683.5	2683.5	2691.7	2697.1
17.5°	2682.2	2679.5	2661.9	2645.6	2657.8	2713.4	2785.2	2793.3	2805.5	2809.6	2815.0
20°	2778.4	2773.0	2752.7	2709.3	2709.3	2785.2	2880.1	2888.2	2899.0	2901.7	2911.2
22.5°	2912.6	2899.0	2855.7	2777.1	2755.4	2843.5	2960.0	2964.1	2972.2	2983.1	2991.2
25°	3064.4	3067.1	2996.6	2859.7	2812.3	2904.5	3037.3	3044.1	3059.0	3067.1	3076.6
27.5°	3221.6	3225.7	3147.1	2976.3	2896.3	2988.5	3141.6	3149.8	3167.4	3176.9	3191.8
30°	3400.5	3405.9	3330.0	3157.9	3035.9	3111.8	3296.1	3317.8	3332.7	3344.9	3369.3
32.5°	3830.1	3797.6	3744.8	3561.8	3369.3	3363.9	3545.5	3569.9	3590.2	3616.0	3639.0
35°	4370.9	4391.2	4418.3	4295.0	4125.6	4002.3	4017.2	4003.6	4022.6	4060.5	4083.6
37.5°	4799.2	4843.9	4961.8	5041.8	5035.0	5010.6	4782.9	4782.9	4795.1	4774.8	4772.1
40°	5135.3	5163.8	5405.0	5715.4	5977.0	6105.7	5925.5	5899.7	5913.3	5808.9	5813.0
42.5°	5308.8	5350.8	5697.8	6242.6	6761.7	7175.1	7119.5	7101.9	7061.2	7035.5	7019.2
45°	5396.9	5447.0	5860.4	6608.5	7364.8	8003.2	8290.5	8287.8	8251.2	8221.4	8207.8
47.5°	5352.2	5395.5	5836.0	6719.7	7682.0	8537.2	9172.8	9212.1	9201.3	9244.6	9262.3
50°	5059.4	5115.0	5556.8	6479.8	7549.1	8747.2	9784.1	9857.2	9956.2	10018.5	10101.2
52.5°	4795.1	4841.2	5239.7	6090.8	7112.7	8576.5	10152.7	10303.2	10438.7	10566.1	10665.0
55°	4518.6	4564.7	4914.4	5686.9	6672.2	8072.3	10320.8	10540.3	10751.8	10967.3	11165.1
57.5°	4414.3	4463.1	4723.3	5373.8	6311.7	7572.2	10403.4	10764.0	11108.2	11474.1	11853.6
60°	4685.3	4728.7	4926.6	5382.0	6036.6	7072.1	10236.7	10803.3	11395.5	11998.7	12581.4
62.5°	4602.7	4625.7	4872.4	5578.5	6387.6	6578.7	9514.4	10262.5	11123.1	12006.8	12899.9
65°	3971.1	4015.8	4201.5	4822.2	6191.1	6512.3	8413.8	9166.0	10181.2	11226.1	12422.9
67.5°	2848.9	2786.5	2930.2	3473.7	4803.3	6501.5	7175.1	7732.1	8527.7	9328.7	10309.9
70°	1294.3	1264.5	1377.0	1806.6	2897.7	5138.0	6066.4	6254.8	6550.3	7089.7	7752.4
72.5°	511.0	509.6	582.8	746.8	1370.2	3307.0	5101.4	5209.9	5314.2	5548.7	5834.7
75°	334.8	334.8	356.4	402.5	674.9	1596.6	4315.3	4414.3	4574.2	4640.6	4762.6
77.5°	252.1	253.4	262.9	273.8	372.7	840.3	3045.4	3396.4	3667.5	3869.4	4017.2
80°	178.9	187.0	204.7	211.4	242.6	478.4	1721.3	1974.7	2281.0	2607.6	3018.3
82.5°	134.2	143.7	173.5	181.6	192.5	272.4	776.6	881.0	1028.7	1333.6	1917.8
85°	62.3	69.1	119.3	130.1	139.6	157.2	394.4	440.5	500.1	547.5	638.4
87.5°	9.5	6.8	20.3	28.5	44.7	46.1	135.5	161.3	174.8	210.1	218.2
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2.5°	2247.1	2248.5	2249.8	2247.1	2248.5	2248.5	2245.8	2244.4	2244.4	2244.4	2245.8
5°	2290.5	2293.2	2290.5	2291.8	2297.3	2295.9	2293.2	2291.8	2297.3	2298.6	2294.6
7.5°	2367.7	2369.1	2363.7	2370.5	2373.2	2374.5	2374.5	2377.2	2377.2	2381.3	2377.2
10°	2466.7	2466.7	2476.2	2474.8	2476.2	2478.9	2480.2	2485.7	2489.7	2489.7	2492.4
12.5°	2580.5	2581.9	2591.4	2592.7	2598.2	2599.5	2607.6	2602.2	2615.8	2615.8	2619.8
15°	2698.4	2707.9	2709.3	2722.8	2725.6	2726.9	2737.7	2737.7	2747.2	2748.6	2751.3
17.5°	2815.0	2823.1	2828.6	2839.4	2848.9	2853.0	2857.0	2865.1	2871.9	2874.6	2881.4
20°	2915.3	2923.4	2928.8	2939.7	2947.8	2954.6	2958.7	2968.2	2974.9	2977.6	2987.1
22.5°	2999.3	3004.7	3014.2	3029.1	3031.9	3040.0	3052.2	3059.0	3061.7	3069.8	3080.6
25°	3088.8	3096.9	3102.3	3115.9	3126.7	3140.3	3151.1	3162.0	3164.7	3175.5	3185.0
27.5°	3208.0	3216.2	3217.5	3244.6	3255.5	3274.5	3286.7	3302.9	3311.0	3320.5	3339.5
30°	3384.2	3403.2	3411.3	3442.5	3447.9	3469.6	3491.3	3496.7	3508.9	3510.3	3541.5
32.5°	3653.9	3681.1	3691.9	3724.4	3732.6	3752.9	3765.1	3793.5	3794.9	3808.5	3815.2
35°	4095.8	4089.0	4131.0	4139.2	4163.5	4181.2	4193.4	4193.4	4219.1	4220.5	4228.6
37.5°	4698.9	4685.3	4696.2	4647.4	4659.6	4637.9	4633.8	4639.3	4628.4	4631.1	4629.8
40°	5663.9	5602.9	5539.2	5388.8	5356.2	5293.9	5245.1	5205.8	5167.8	5127.2	5100.1
42.5°	6874.2	6786.1	6691.2	6450.0	6337.5	6216.9	6098.9	6031.2	5895.6	5813.0	5768.2
45°	8142.8	8039.8	7906.9	7706.4	7546.4	7417.7	7202.2	7100.5	6890.5	6786.1	6645.1
47.5°	9182.3	9183.7	9076.6	8873.3	8702.5	8617.1	8483.0	8286.4	8047.9	7913.7	7663.0
50°	10091.7	10090.4	10083.6	9961.6	9842.3	9748.8	9630.9	9453.4	9258.2	9106.4	8819.1
52.5°	10764.0	10853.4	10891.4	10890.0	10875.1	10831.7	10742.3	10589.1	10391.2	10305.9	10076.8
55°	11319.6	11514.8	11616.5	11838.7	11859.1	11930.9	11852.3	11853.6	11737.1	11745.2	11672.0
57.5°	12161.3	12517.7	12722.4	13214.4	13461.0	13759.2	13706.4	13955.7	14046.5	14161.7	14314.9
60°	13116.8	13782.3	14267.5	15246.0	15644.5	16127.0	16392.6	16675.9	16881.9	17093.3	17249.2
62.5°	13799.9	14674.1	15471.0	16865.6	17383.3	17891.6	18226.4	18569.3	18801.0	18952.8	19065.3
65°	13520.7	14487.0	15429.0	16891.4	17455.2	17823.8	18222.3	18420.2	18651.9	18778.0	18939.3
67.5°	11489.1	12458.1	13467.8	15193.1	15782.7	16292.3	16602.7	16858.8	17045.9	17205.8	17391.5
70°	8543.9	9603.8	10647.4	12539.4	13283.5	14019.4	14385.4	14702.5	14897.7	15059.0	15263.6
72.5°	6149.1	6813.2	7465.1	9583.5	10327.5	11279.0	11658.5	12010.9	12264.3	12256.2	12473.0
75°	4895.4	5165.1	5455.2	6548.9	7082.9	7885.3	8098.0	8295.9	8176.7	7947.6	7934.0
77.5°	4075.5	4186.6	4284.2	4627.1	4705.7	4896.8	4791.1	4681.3	4327.5	4029.4	3872.2
80°	3308.3	3527.9	3671.6	3915.5	4015.8	4072.7	4087.6	4049.7	3919.6	3739.3	3452.0
82.5°	2459.9	2877.3	3162.0	3641.7	3817.9	3854.5	3925.0	3881.6	3796.3	3649.9	3443.9
85°	721.0	815.9	935.2	1268.6	1486.8	1672.5	1862.2	1955.7	2014.0	1932.7	1719.9
87.5°	253.4	286.0	319.9	440.5	468.9	566.5	555.7	656.0	660.0	688.5	658.7
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2.5°	2244.4	2244.4	2244.4	2245.8	2245.8	2245.8	2243.1	2241.7	2243.1	2245.8	2245.8
5°	2297.3	2298.6	2301.3	2295.9	2297.3	2301.3	2298.6	2297.3	2298.6	2301.3	2298.6
7.5°	2382.7	2384.0	2381.3	2386.7	2386.7	2389.4	2393.5	2389.4	2390.8	2392.1	2393.5
10°	2493.8	2495.1	2497.9	2501.9	2503.3	2506.0	2508.7	2512.8	2512.8	2510.1	2516.8
12.5°	2626.6	2625.3	2628.0	2633.4	2636.1	2640.2	2648.3	2648.3	2653.7	2652.4	2659.1
15°	2756.7	2763.5	2764.9	2774.3	2778.4	2785.2	2794.7	2800.1	2800.1	2808.2	2810.9
17.5°	2886.8	2892.3	2897.7	2905.8	2911.2	2915.3	2926.1	2932.9	2931.6	2946.5	2946.5
20°	2987.1	2998.0	3004.7	3010.2	3019.7	3026.4	3034.6	3042.7	3048.1	3057.6	3060.3
22.5°	3084.7	3091.5	3101.0	3107.8	3118.6	3126.7	3136.2	3143.0	3152.5	3164.7	3168.7
25°	3193.1	3204.0	3214.8	3224.3	3232.4	3241.9	3258.2	3273.1	3286.7	3297.5	3301.6
27.5°	3343.6	3355.8	3372.0	3378.8	3391.0	3399.1	3423.5	3442.5	3449.3	3468.3	3473.7
30°	3546.9	3560.4	3576.7	3584.8	3606.5	3617.4	3643.1	3663.4	3670.2	3693.2	3697.3
32.5°	3841.0	3849.1	3881.6	3880.3	3910.1	3941.3	3956.2	3972.4	4002.3	4014.5	4018.5
35°	4248.9	4267.9	4290.9	4289.6	4327.5	4345.2	4375.0	4392.6	4414.3	4412.9	4436.0
37.5°	4643.3	4650.1	4658.2	4675.9	4703.0	4727.4	4738.2	4755.8	4772.1	4796.5	4826.3
40°	5073.0	5089.2	5090.6	5100.1	5113.6	5144.8	5165.1	5184.1	5239.7	5274.9	5292.5
42.5°	5716.7	5712.7	5685.6	5703.2	5711.3	5758.8	5773.7	5831.9	5894.3	5968.8	5989.2
45°	6544.8	6490.6	6474.4	6467.6	6511.0	6535.4	6596.3	6704.8	6769.8	6840.3	6874.2
47.5°	7564.0	7394.6	7314.7	7297.0	7341.8	7446.1	7466.5	7573.5	7658.9	7710.4	7744.3
50°	8584.6	8451.8	8283.7	8226.8	8214.6	8310.8	8333.9	8423.3	8510.1	8525.0	8507.3
52.5°	9866.7	9649.9	9372.0	9271.8	9191.8	9198.6	9217.5	9255.5	9311.1	9288.0	9240.6
55°	11506.7	11260.0	11123.1	10933.4	10812.8	10791.1	10708.4	10594.5	10590.5	10605.4	10463.1
57.5°	14237.6	14134.6	14192.9	14172.6	14053.3	14125.2	13752.4	13646.7	13562.7	13416.3	13284.9
60°	17387.4	17493.1	17613.8	17891.6	17879.4	18158.6	17899.7	17834.7	17756.1	17304.7	17083.8
62.5°	19261.8	19303.8	19481.4	19740.3	19995.1	20262.0	20382.7	20424.7	20260.7	19892.0	19431.2
65°	18935.2	19120.9	19293.0	19516.6	19778.2	20045.2	20300.0	20449.1	20411.1	20167.2	19660.3
67.5°	17451.1	17646.3	17898.4	18132.8	18414.7	18646.5	18925.7	19199.5	19207.6	19085.6	18733.2
70°	15285.3	15511.6	15771.9	15903.3	16208.3	16418.4	16650.1	16921.2	17009.3	17024.2	16613.5
72.5°	12426.9	12521.8	12649.2	12580.1	12641.1	12775.3	12712.9	12734.6	12399.8	12462.2	11955.3
75°	7568.1	7481.4	7096.5	6745.4	6317.2	5987.8	6066.4	5437.5	4818.2	4787.0	4339.7
77.5°	3838.3	3700.0	3461.5	3213.5	2850.2	2434.2	2087.2	1713.1	1397.3	1217.1	1045.0
80°	3269.0	3171.5	3040.0	2859.7	2595.4	2287.8	1925.9	1641.3	1377.0	1101.9	882.3
82.5°	3128.1	2829.9	2638.8	2488.4	2202.4	1917.8	1719.9	1524.7	1337.7	1168.3	925.7
85°	1551.8	1372.9	1161.5	1030.0	792.9	620.7	581.4	478.4	445.9	344.3	290.0
87.5°	521.8	426.9	318.5	268.4	214.1	174.8	172.1	153.2	151.8	138.2	127.4
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):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2.5°	2244.4	2247.1	2247.1	2244.4	2245.8	2243.1	2244.4	2245.8	2241.7	2240.3	2236.3
5°	2300.0	2298.6	2298.6	2300.0	2304.0	2305.4	2298.6	2301.3	2302.7	2295.9	2281.0
7.5°	2392.1	2392.1	2396.2	2394.9	2403.0	2400.3	2398.9	2398.9	2398.9	2385.4	2361.0
10°	2516.8	2516.8	2520.9	2526.3	2527.7	2525.0	2525.0	2526.3	2533.1	2506.0	2468.0
12.5°	2656.4	2663.2	2661.9	2661.9	2678.1	2674.0	2668.6	2674.0	2680.8	2642.9	2588.7
15°	2812.3	2816.4	2819.1	2828.6	2825.8	2835.3	2838.0	2835.3	2842.1	2793.3	2702.5
17.5°	2953.2	2961.4	2964.1	2974.9	2974.9	2976.3	2987.1	2983.1	2984.4	2928.8	2798.7
20°	3069.8	3077.9	3082.0	3094.2	3096.9	3102.3	3106.4	3109.1	3115.9	3049.5	2877.3
22.5°	3186.4	3193.1	3199.9	3208.0	3218.9	3225.7	3231.1	3233.8	3246.0	3168.7	2951.9
25°	3316.5	3331.4	3338.2	3351.7	3362.6	3373.4	3381.5	3382.9	3403.2	3307.0	3012.9
27.5°	3490.0	3510.3	3521.1	3542.8	3553.7	3564.5	3561.8	3578.0	3606.5	3465.6	3060.3
30°	3717.6	3743.4	3750.2	3771.9	3789.5	3800.3	3812.5	3826.1	3845.0	3641.7	3083.4
32.5°	4034.8	4074.1	4083.6	4095.8	4121.5	4140.5	4148.6	4170.3	4175.7	3808.5	3076.6
35°	4469.8	4452.2	4498.3	4509.2	4545.7	4560.7	4570.1	4598.6	4576.9	3990.1	3031.9
37.5°	4862.9	4857.5	4902.2	4926.6	4974.0	4963.2	4986.2	5005.2	4927.9	4118.8	2949.2
40°	5342.7	5335.9	5398.2	5406.4	5479.6	5463.3	5472.8	5487.7	5315.6	4208.3	2798.7
42.5°	6012.2	6014.9	6081.3	6089.5	6098.9	6128.8	6080.0	6082.7	5727.6	4232.7	2550.7
45°	6894.5	6942.0	6901.3	6902.6	6899.9	6843.0	6782.0	6710.2	6155.9	4148.6	2230.9
47.5°	7749.7	7717.2	7665.7	7618.3	7579.0	7489.5	7400.1	7278.1	6525.9	3949.4	1874.4
50°	8481.6	8408.4	8362.3	8230.9	8137.3	8020.8	7896.1	7756.5	6829.5	3662.1	1541.0
52.5°	9162.0	9086.1	8913.9	8777.1	8642.9	8488.4	8343.4	8179.4	7097.8	3334.1	1286.2
55°	10292.3	10225.9	10053.8	9803.0	9637.7	9424.9	9233.8	9011.5	7641.3	3068.4	1118.1
57.5°	12923.0	12866.1	12504.2	12345.6	12127.4	11593.4	11514.8	11167.8	9098.3	3037.3	1019.2
60°	16627.1	16383.1	16082.2	15648.5	15137.6	14961.4	14568.3	14106.2	11443.0	3122.7	939.2
62.5°	18901.3	18345.6	17903.8	17403.7	16933.4	16529.5	16099.9	15643.1	12642.4	3010.2	840.3
65°	19072.1	18418.8	17834.7	17247.8	16719.2	16216.4	15799.0	15342.2	12252.1	2587.3	711.5
67.5°	18131.5	17443.0	16806.0	16140.5	15606.5	15152.5	14621.2	14182.1	11151.6	2014.0	592.3
70°	16192.0	15587.5	15038.6	14321.7	13878.5	13325.5	12988.0	12439.1	9720.4	1372.9	489.3
72.5°	11662.5	11207.1	11028.2	10528.1	9948.1	9622.8	9466.9	8934.3	7183.2	852.5	399.8
75°	3939.9	4052.4	3794.9	3400.5	3593.0	3296.1	3416.8	3163.3	3038.6	489.3	336.1
77.5°	874.2	821.3	759.0	704.8	700.7	658.7	698.0	660.0	706.1	311.7	296.8
80°	689.9	544.8	463.5	422.9	401.2	389.0	379.5	368.6	336.1	265.6	273.8
82.5°	745.4	562.5	412.0	329.3	281.9	264.3	260.2	249.4	246.7	257.5	276.5
85°	238.5	199.2	169.4	159.9	147.7	141.0	138.2	134.2	162.6	280.6	265.6
87.5°	124.7	109.8	97.6	93.5	81.3	75.9	74.5	75.9	113.8	280.6	192.5
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: VTS-F08-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9	2230.9
2.5°	2232.2	2230.9	2228.1	2226.8	2225.4	2218.7	2224.1
5°	2274.2	2260.7	2248.5	2233.6	2225.4	2218.7	2218.7
7.5°	2337.9	2300.0	2268.8	2234.9	2211.9	2194.3	2191.6
10°	2417.9	2344.7	2272.9	2211.9	2168.5	2136.0	2131.9
12.5°	2493.8	2382.7	2268.8	2168.5	2100.7	2054.7	2052.0
15°	2564.3	2403.0	2237.6	2089.9	1988.3	1927.3	1920.5
17.5°	2619.8	2390.8	2167.2	1980.1	1841.9	1770.0	1766.0
20°	2632.0	2342.0	2066.9	1844.6	1698.2	1622.3	1604.7
22.5°	2621.2	2253.9	1942.2	1695.5	1527.4	1451.5	1442.1
25°	2588.7	2146.8	1787.7	1522.0	1366.2	1288.9	1269.9
27.5°	2530.4	2020.8	1621.0	1354.0	1199.5	1124.9	1105.9
30°	2443.6	1869.0	1443.4	1196.7	1036.8	977.2	958.2
32.5°	2323.0	1684.7	1268.6	1035.5	902.6	855.2	847.1
35°	2156.3	1473.2	1085.6	902.6	805.1	776.6	772.5
37.5°	1943.5	1261.8	932.5	807.8	737.3	719.7	717.0
40°	1665.7	1045.0	824.0	740.0	688.5	673.6	670.9
42.5°	1379.7	882.3	744.1	685.8	643.8	630.2	626.2
45°	1129.0	772.5	684.4	641.1	601.8	586.9	585.5
47.5°	941.9	708.8	635.6	600.4	561.1	543.5	544.8
50°	805.1	650.6	595.0	565.2	520.4	504.2	505.5
52.5°	711.5	592.3	557.0	523.2	485.2	468.9	468.9
55°	638.4	544.8	520.4	483.8	454.0	439.1	437.8
57.5°	578.7	506.9	485.2	455.4	425.6	408.0	408.0
60°	542.1	479.8	462.2	435.1	399.8	380.8	379.5
62.5°	520.4	471.7	456.7	418.8	379.5	360.5	356.4
65°	504.2	490.6	471.7	409.3	363.2	342.9	338.8
67.5°	505.5	535.4	508.2	414.7	357.8	328.0	322.6
70°	513.7	570.6	534.0	426.9	380.8	321.2	309.0
72.5°	473.0	516.4	481.1	406.6	371.4	309.0	294.1
75°	394.4	376.8	345.6	330.7	333.4	280.6	275.1
77.5°	319.9	280.6	250.7	262.9	280.6	239.9	234.5
80°	277.8	227.7	212.8	233.1	254.8	204.7	191.1
82.5°	260.2	192.5	183.0	242.6	267.0	176.2	154.5
85°	229.0	157.2	143.7	286.0	267.0	132.8	123.3
87.5°	153.2	93.5	89.5	210.1	183.0	92.2	74.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)