

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: P158149

Luminaire Tested: **VTS-E08-LED-E1-SL2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158149
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-E08-LED-E1-SL2-7030
Description: VENTUS LED SITE LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (168) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

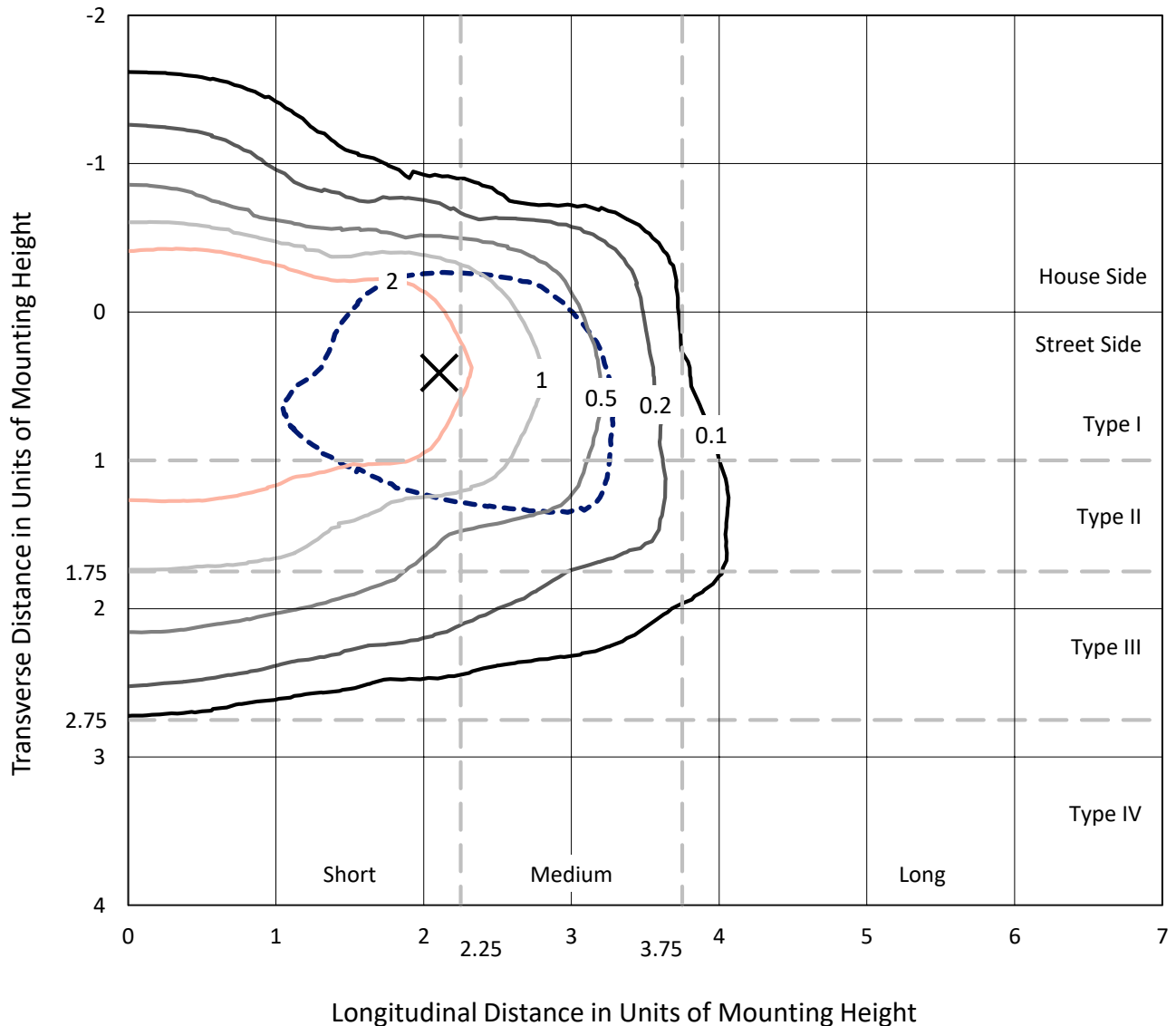
Lumens per Lamp: N/A
Luminaire Lumens: 21984.5 lumens
Efficiency: N/A
Efficacy: 113.0 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 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: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

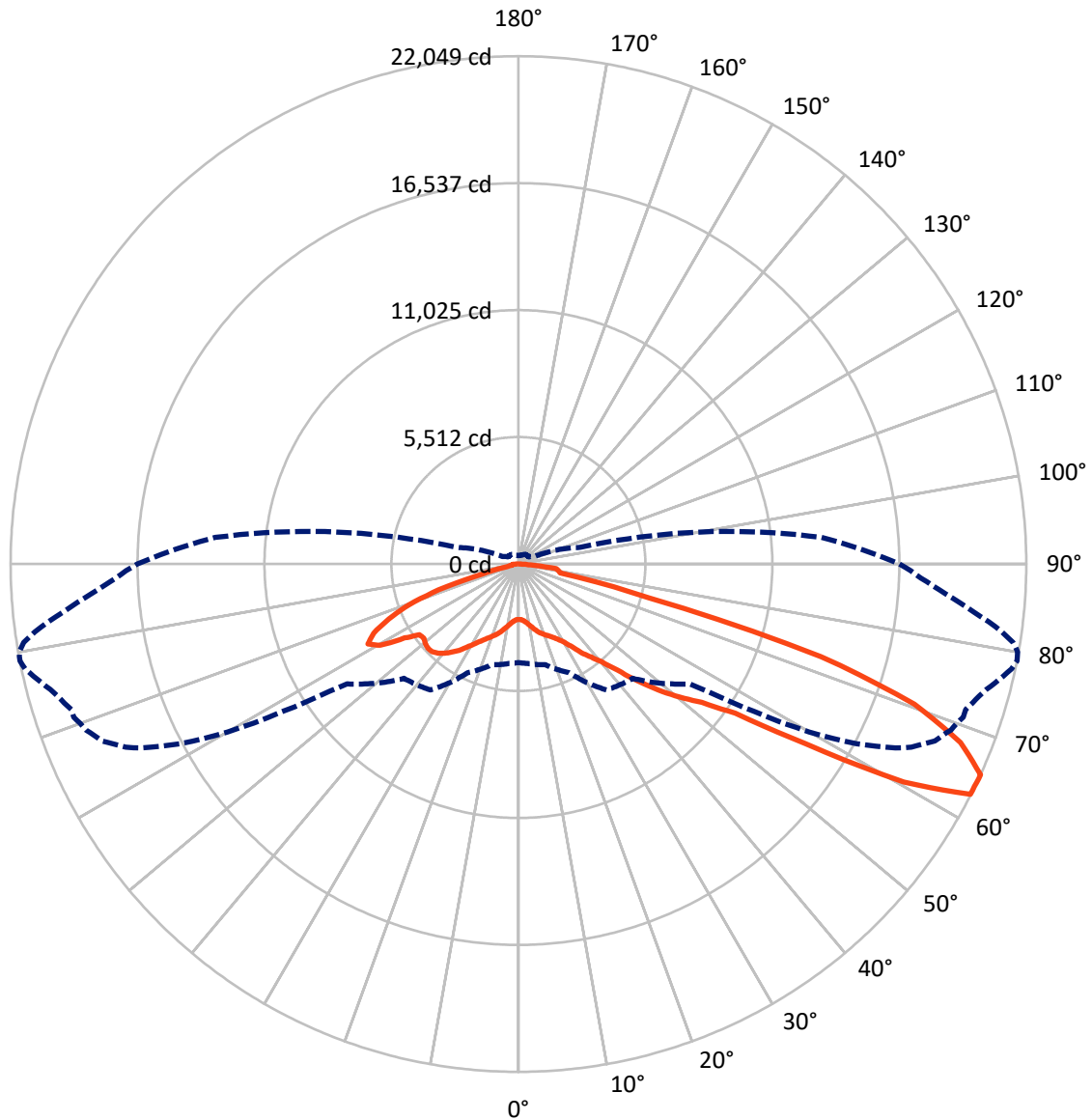
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 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
House Side	Lumens	5051.6	0.0	5051.6
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	16932.8	0.0	16932.8
	% Fixture	77.0	0.0	77.0
Total	Lumens	21984.5	0.0	21984.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	238.0	1.1
10°-20°	772.9	3.5
20°-30°	1332.5	6.1
30°-40°	2182.6	9.9
40°-50°	3655.0	16.6
50°-60°	4943.9	22.5
60°-70°	6088.4	27.7
70°-80°	2356.8	10.7
80°-90°	414.5	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°	21984.5	100.0
0°-180°	21984.5	100.0



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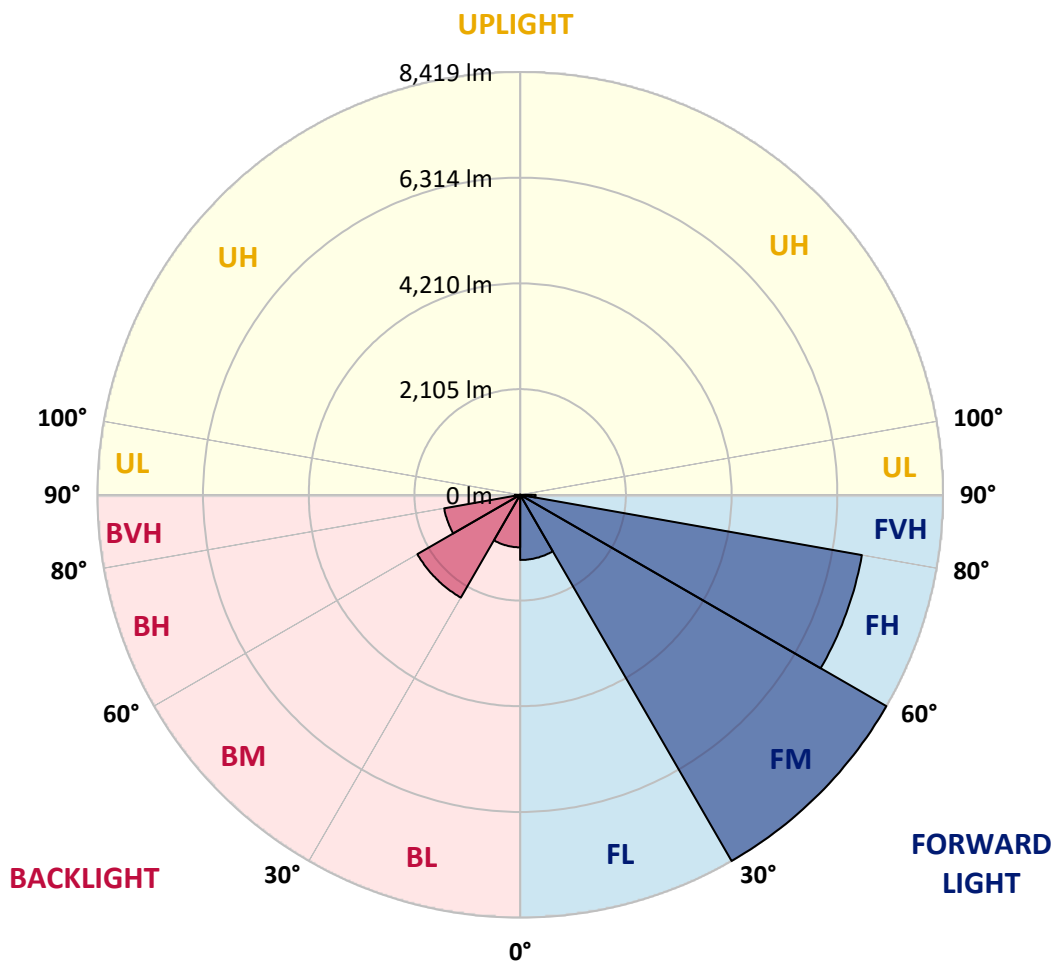
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1297.9	5.9			
FM (30°-60°)	8419.1	38.3			
FH (60°-80°)	6908.3	31.4			G3/7500
FVH (80°-90°)	307.5	1.4			G3/500
BL (0°-30°)	1045.4	4.8	B3/2500		
BM (30°-60°)	2362.4	10.7	B2/2500		
BH (60°-80°)	1536.9	7.0	B3/2500		G3/2500
BVH (80°-90°)	106.9	0.5			G2/225
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°	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4
2.5°	2409.8	2402.5	2409.8	2415.6	2420.0	2425.9	2424.4	2422.9	2421.5	2422.9	2422.9
5°	2430.2	2428.8	2436.1	2441.9	2452.2	2459.5	2468.2	2468.2	2468.2	2466.8	2469.7
7.5°	2496.0	2494.5	2501.8	2507.7	2516.5	2531.1	2542.8	2548.6	2547.2	2547.2	2547.2
10°	2604.1	2598.3	2598.3	2598.3	2610.0	2620.2	2646.5	2649.4	2655.3	2652.4	2653.8
12.5°	2709.4	2710.8	2706.4	2702.1	2703.5	2724.0	2762.0	2769.3	2770.7	2775.1	2778.0
15°	2804.4	2802.9	2792.7	2782.4	2795.6	2830.7	2880.3	2893.5	2893.5	2902.3	2908.1
17.5°	2892.0	2889.1	2870.1	2852.6	2865.7	2925.6	3003.1	3011.9	3025.0	3029.4	3035.2
20°	2995.8	2989.9	2968.0	2921.3	2921.3	3003.1	3105.4	3114.2	3125.9	3128.8	3139.0
22.5°	3140.5	3125.9	3079.1	2994.3	2970.9	3065.9	3191.6	3196.0	3204.8	3216.5	3225.2
25°	3304.1	3307.1	3231.1	3083.5	3032.3	3131.7	3274.9	3282.2	3298.3	3307.1	3317.3
27.5°	3473.7	3478.0	3393.3	3209.1	3122.9	3222.3	3387.4	3396.2	3415.2	3425.4	3441.5
30°	3666.6	3672.4	3590.6	3405.0	3273.4	3355.3	3554.0	3577.4	3593.5	3606.6	3632.9
32.5°	4129.8	4094.7	4037.7	3840.5	3632.9	3627.1	3822.9	3849.2	3871.1	3898.9	3923.8
35°	4712.9	4734.8	4764.0	4631.1	4448.4	4315.4	4331.5	4316.9	4337.3	4378.2	4403.1
37.5°	5174.7	5222.9	5350.0	5436.3	5429.0	5402.6	5157.1	5157.1	5170.3	5148.4	5145.5
40°	5537.1	5567.8	5827.9	6162.6	6444.6	6583.4	6389.1	6361.3	6375.9	6263.4	6267.8
42.5°	5724.1	5769.5	6143.6	6731.0	7290.7	7736.4	7676.5	7657.5	7613.7	7585.9	7568.4
45°	5819.1	5873.2	6318.9	7125.6	7941.0	8629.3	8939.1	8936.2	8896.8	8864.6	8850.0
47.5°	5770.9	5817.7	6292.6	7245.4	8283.0	9205.1	9890.5	9932.9	9921.2	9967.9	9986.9
50°	5455.3	5515.2	5991.6	6986.8	8139.8	9431.6	10549.6	10628.5	10735.2	10802.4	10891.5
52.5°	5170.3	5220.0	5649.6	6567.4	7669.2	9247.5	10947.1	11109.3	11255.4	11392.8	11499.4
55°	4872.2	4921.9	5298.9	6131.9	7194.3	8703.9	11128.3	11365.0	11593.0	11825.3	12038.7
57.5°	4759.7	4812.3	5092.8	5794.3	6805.6	8164.6	11217.4	11606.1	11977.3	12371.9	12781.1
60°	5051.9	5098.7	5312.0	5803.1	6508.9	7625.4	11037.7	11648.5	12287.1	12937.4	13565.8
62.5°	4962.8	4987.6	5253.6	6015.0	6887.4	7093.4	10258.8	11065.4	11993.4	12946.2	13909.2
65°	4281.8	4330.0	4530.2	5199.5	6675.5	7021.8	9072.1	9883.2	10977.7	12104.4	13394.8
67.5°	3071.8	3004.6	3159.5	3745.5	5179.1	7010.1	7736.4	8337.1	9194.9	10058.5	11116.6
70°	1395.6	1363.4	1484.7	1948.0	3124.4	5540.0	6541.0	6744.2	7062.8	7644.4	8359.0
72.5°	550.9	549.5	628.4	805.2	1477.4	3565.7	5500.6	5617.5	5730.0	5982.8	6291.2
75°	361.0	361.0	384.3	434.0	727.8	1721.5	4653.0	4759.7	4932.1	5003.7	5135.2
77.5°	271.8	273.3	283.5	295.2	401.9	906.0	3283.7	3662.2	3954.4	4172.2	4331.5
80°	192.9	201.7	220.7	228.0	261.6	515.9	1855.9	2129.2	2459.5	2811.7	3254.4
82.5°	144.7	154.9	187.1	195.8	207.5	293.7	837.4	949.9	1109.2	1438.0	2067.8
85°	67.2	74.5	128.6	140.3	150.5	169.5	425.3	474.9	539.2	590.4	688.3
87.5°	10.2	7.3	21.9	30.7	48.2	49.7	146.1	173.9	188.5	226.5	235.3
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4
2.5°	2422.9	2424.4	2425.9	2422.9	2424.4	2424.4	2421.5	2420.0	2420.0	2420.0	2421.5
5°	2469.7	2472.6	2469.7	2471.2	2477.0	2475.5	2472.6	2471.2	2477.0	2478.5	2474.1
7.5°	2553.0	2554.5	2548.6	2555.9	2558.8	2560.3	2560.3	2563.2	2563.2	2567.6	2563.2
10°	2659.7	2659.7	2669.9	2668.4	2669.9	2672.8	2674.3	2680.1	2684.5	2684.5	2687.4
12.5°	2782.4	2783.9	2794.1	2795.6	2801.4	2802.9	2811.7	2805.8	2820.4	2820.4	2824.8
15°	2909.6	2919.8	2921.3	2935.9	2938.8	2940.3	2951.9	2951.9	2962.2	2963.6	2966.6
17.5°	3035.2	3044.0	3049.9	3061.6	3071.8	3076.2	3080.5	3089.3	3096.6	3099.5	3106.9
20°	3143.4	3152.2	3158.0	3169.7	3178.5	3185.8	3190.2	3200.4	3207.7	3210.6	3220.8
22.5°	3234.0	3239.8	3250.1	3266.1	3269.1	3277.8	3291.0	3298.3	3301.2	3310.0	3321.7
25°	3330.4	3339.2	3345.1	3359.7	3371.4	3386.0	3397.7	3409.4	3412.3	3424.0	3434.2
27.5°	3459.0	3467.8	3469.3	3498.5	3510.2	3530.6	3543.8	3561.3	3570.1	3580.3	3600.8
30°	3649.0	3669.5	3678.2	3711.9	3717.7	3741.1	3764.5	3770.3	3783.5	3784.9	3818.5
32.5°	3939.8	3969.1	3980.7	4015.8	4024.6	4046.5	4059.7	4090.3	4091.8	4106.4	4113.7
35°	4416.2	4408.9	4454.2	4463.0	4489.3	4508.3	4521.4	4521.4	4549.2	4550.7	4559.4
37.5°	5066.5	5051.9	5063.6	5011.0	5024.2	5000.8	4996.4	5002.2	4990.5	4993.5	4992.0
40°	6107.0	6041.3	5972.6	5810.4	5775.3	5708.1	5655.5	5613.1	5572.2	5528.3	5499.1
42.5°	7412.0	7317.0	7214.7	6954.6	6833.3	6703.3	6576.1	6503.1	6356.9	6267.8	6219.6
45°	8779.9	8668.8	8525.6	8309.3	8136.9	7998.0	7765.7	7656.1	7429.6	7317.0	7165.1
47.5°	9900.7	9902.2	9786.7	9567.5	9383.4	9291.3	9146.7	8934.8	8677.6	8532.9	8262.5
50°	10881.3	10879.8	10872.5	10741.0	10612.4	10511.6	10384.4	10193.0	9982.6	9818.9	9509.1
52.5°	11606.1	11702.6	11743.5	11742.0	11726.0	11679.2	11582.7	11417.6	11204.3	11112.2	10865.2
55°	12205.3	12415.7	12525.3	12765.0	12786.9	12864.4	12779.6	12781.1	12655.4	12664.2	12585.2
57.5°	13112.8	13497.1	13717.8	14248.3	14514.2	14835.7	14778.7	15047.6	15145.5	15269.8	15434.9
60°	14143.0	14860.6	15383.7	16438.8	16868.5	17388.7	17675.2	17980.6	18202.7	18430.7	18598.7
62.5°	14879.6	15822.2	16681.4	18185.2	18743.4	19291.4	19652.4	20022.1	20272.0	20435.7	20557.0
65°	14578.5	15620.5	16636.1	18212.9	18820.9	19218.4	19648.0	19861.4	20111.2	20247.2	20421.1
67.5°	12388.0	13432.8	14521.5	16381.9	17017.5	17567.0	17901.7	18177.9	18379.5	18552.0	18752.2
70°	9212.4	10355.2	11480.4	13520.5	14322.8	15116.3	15510.9	15852.8	16063.3	16237.2	16457.8
72.5°	6630.2	7346.3	8049.2	10333.3	11135.6	12161.4	12570.6	12950.6	13223.9	13215.1	13448.9
75°	5278.4	5569.2	5882.0	7061.3	7637.1	8502.2	8731.6	8945.0	8816.4	8569.4	8554.8
77.5°	4394.3	4514.1	4619.4	4989.1	5073.8	5279.9	5165.9	5047.5	4666.1	4344.6	4175.1
80°	3567.2	3803.9	3958.8	4221.9	4330.0	4391.4	4407.5	4366.5	4226.3	4031.9	3722.1
82.5°	2652.4	3102.5	3409.4	3926.7	4116.7	4156.1	4232.1	4185.3	4093.3	3935.4	3713.3
85°	777.4	879.7	1008.3	1367.8	1603.1	1803.3	2007.9	2108.7	2171.6	2083.9	1854.5
87.5°	273.3	308.3	344.9	474.9	505.6	610.8	599.2	707.3	711.7	742.4	710.2
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):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4
2.5°	2420.0	2420.0	2420.0	2421.5	2421.5	2421.5	2418.6	2417.1	2418.6	2421.5	2421.5
5°	2477.0	2478.5	2481.4	2475.5	2477.0	2481.4	2478.5	2477.0	2478.5	2481.4	2478.5
7.5°	2569.1	2570.5	2567.6	2573.5	2573.5	2576.4	2580.8	2576.4	2577.8	2579.3	2580.8
10°	2688.9	2690.4	2693.3	2697.7	2699.1	2702.1	2705.0	2709.4	2709.4	2706.4	2713.7
12.5°	2832.1	2830.7	2833.6	2839.4	2842.3	2846.7	2855.5	2855.5	2861.3	2859.9	2867.2
15°	2972.4	2979.7	2981.2	2991.4	2995.8	3003.1	3013.3	3019.2	3019.2	3027.9	3030.9
17.5°	3112.7	3118.5	3124.4	3133.2	3139.0	3143.4	3155.1	3162.4	3160.9	3177.0	3177.0
20°	3220.8	3232.5	3239.8	3245.7	3255.9	3263.2	3272.0	3280.8	3286.6	3296.8	3299.8
22.5°	3326.1	3333.4	3343.6	3350.9	3362.6	3371.4	3381.6	3388.9	3399.1	3412.3	3416.7
25°	3443.0	3454.7	3466.3	3476.6	3485.3	3495.6	3513.1	3529.2	3543.8	3555.5	3559.9
27.5°	3605.2	3618.3	3635.9	3643.2	3656.3	3665.1	3691.4	3711.9	3719.2	3739.6	3745.5
30°	3824.4	3839.0	3856.5	3865.3	3888.7	3900.4	3928.1	3950.1	3957.4	3982.2	3986.6
32.5°	4141.5	4150.3	4185.3	4183.9	4216.0	4249.6	4265.7	4283.2	4315.4	4328.5	4332.9
35°	4581.4	4601.8	4626.7	4625.2	4666.1	4685.1	4717.3	4736.3	4759.7	4758.2	4783.0
37.5°	5006.6	5013.9	5022.7	5041.7	5070.9	5097.2	5108.9	5127.9	5145.5	5171.8	5203.9
40°	5469.9	5487.4	5488.9	5499.1	5513.7	5547.3	5569.2	5589.7	5649.6	5687.6	5706.6
42.5°	6164.0	6159.6	6130.4	6149.4	6158.2	6209.3	6225.4	6288.2	6355.5	6435.8	6457.8
45°	7056.9	6998.5	6980.9	6973.6	7020.4	7046.7	7112.4	7229.4	7299.5	7375.5	7412.0
47.5°	8155.9	7973.2	7887.0	7868.0	7916.2	8028.7	8050.6	8166.1	8258.1	8313.7	8350.2
50°	9256.3	9113.0	8931.8	8870.5	8857.3	8961.1	8985.9	9082.4	9175.9	9192.0	9173.0
52.5°	10638.7	10404.9	10105.3	9997.2	9910.9	9918.3	9938.7	9979.6	10039.5	10014.7	9963.6
55°	12407.0	12141.0	11993.4	11788.8	11658.7	11635.4	11546.2	11423.5	11419.1	11435.1	11281.7
57.5°	15351.6	15240.5	15303.4	15281.4	15152.8	15230.3	14828.4	14714.4	14623.8	14466.0	14324.3
60°	18747.8	18861.8	18991.8	19291.4	19278.3	19579.3	19300.2	19230.0	19145.3	18658.7	18420.4
62.5°	20768.9	20814.2	21005.6	21284.7	21559.5	21847.3	21977.4	22022.7	21845.9	21448.4	20951.5
65°	20416.7	20616.9	20802.5	21043.6	21325.6	21613.5	21888.3	22049.0	22008.1	21745.0	21198.5
67.5°	18816.5	19026.9	19298.7	19551.5	19855.5	20105.4	20406.4	20701.6	20710.4	20578.9	20198.9
70°	16481.2	16725.3	17005.9	17147.6	17476.4	17702.9	17952.8	18245.1	18340.1	18356.1	17913.4
72.5°	13399.2	13501.5	13638.9	13564.3	13630.1	13774.8	13707.6	13730.9	13370.0	13437.2	12890.7
75°	8160.2	8066.7	7651.7	7273.2	6811.4	6456.3	6541.0	5863.0	5195.1	5161.5	4679.3
77.5°	4138.6	3989.5	3732.3	3464.9	3073.2	2624.6	2250.5	1847.2	1506.7	1312.3	1126.7
80°	3524.8	3419.6	3277.8	3083.5	2798.5	2466.8	2076.6	1769.7	1484.7	1188.1	951.3
82.5°	3372.8	3051.3	2845.3	2683.1	2374.7	2067.8	1854.5	1644.0	1442.4	1259.7	998.1
85°	1673.3	1480.4	1252.4	1110.6	854.9	669.3	626.9	515.9	480.8	371.2	312.7
87.5°	562.6	460.3	343.4	289.3	230.9	188.5	185.6	165.1	163.7	149.1	137.4
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°	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4
2.5°	2420.0	2422.9	2422.9	2420.0	2421.5	2418.6	2420.0	2421.5	2417.1	2415.6	2411.2
5°	2479.9	2478.5	2478.5	2479.9	2484.3	2485.8	2478.5	2481.4	2482.9	2475.5	2459.5
7.5°	2579.3	2579.3	2583.7	2582.2	2591.0	2588.1	2586.6	2586.6	2586.6	2572.0	2545.7
10°	2713.7	2713.7	2718.1	2724.0	2725.4	2722.5	2722.5	2724.0	2731.3	2702.1	2661.1
12.5°	2864.3	2871.6	2870.1	2870.1	2887.6	2883.3	2877.4	2883.3	2890.6	2849.7	2791.2
15°	3032.3	3036.7	3039.6	3049.9	3046.9	3057.2	3060.1	3057.2	3064.5	3011.9	2914.0
17.5°	3184.3	3193.1	3196.0	3207.7	3207.7	3209.1	3220.8	3216.5	3217.9	3158.0	3017.7
20°	3310.0	3318.7	3323.1	3336.3	3339.2	3345.1	3349.4	3352.4	3359.7	3288.1	3102.5
22.5°	3435.7	3443.0	3450.3	3459.0	3470.7	3478.0	3483.9	3486.8	3500.0	3416.7	3182.8
25°	3575.9	3592.0	3599.3	3613.9	3625.6	3637.3	3646.1	3647.6	3669.5	3565.7	3248.6
27.5°	3763.0	3784.9	3796.6	3820.0	3831.7	3843.4	3840.5	3858.0	3888.7	3736.7	3299.8
30°	4008.5	4036.3	4043.6	4067.0	4086.0	4097.7	4110.8	4125.4	4145.9	3926.7	3324.6
32.5°	4350.5	4392.8	4403.1	4416.2	4444.0	4464.5	4473.2	4496.6	4502.5	4106.4	3317.3
35°	4819.6	4800.6	4850.3	4861.9	4901.4	4917.5	4927.7	4958.4	4935.0	4302.2	3269.1
37.5°	5243.4	5237.5	5285.7	5312.0	5363.2	5351.5	5376.3	5396.8	5313.5	4441.1	3179.9
40°	5760.7	5753.4	5820.6	5829.4	5908.3	5890.7	5901.0	5917.0	5731.5	4537.5	3017.7
42.5°	6482.6	6485.5	6557.1	6565.9	6576.1	6608.3	6555.7	6558.6	6175.7	4563.8	2750.3
45°	7433.9	7485.1	7441.2	7442.7	7439.8	7378.4	7312.6	7235.2	6637.5	4473.2	2405.4
47.5°	8356.1	8321.0	8265.5	8214.3	8171.9	8075.5	7979.0	7847.5	7036.5	4258.4	2021.1
50°	9145.2	9066.3	9016.6	8874.8	8774.0	8648.3	8513.9	8363.4	7363.8	3948.6	1661.6
52.5°	9878.8	9797.0	9611.4	9463.8	9319.1	9152.5	8996.1	8819.3	7653.1	3594.9	1386.8
55°	11097.6	11026.0	10840.4	10570.0	10391.7	10162.3	9956.2	9716.6	8239.2	3308.5	1205.6
57.5°	13934.1	13872.7	13482.5	13311.5	13076.3	12500.5	12415.7	12041.6	9810.1	3274.9	1098.9
60°	17928.0	17664.9	17340.5	16872.9	16321.9	16132.0	15708.2	15209.8	12338.3	3367.0	1012.7
62.5°	20380.1	19781.0	19304.6	18765.3	18258.2	17822.8	17359.5	16867.0	13631.6	3245.7	906.0
65°	20564.3	19859.9	19230.0	18597.3	18027.3	17485.2	17035.1	16542.6	13210.7	2789.7	767.2
67.5°	19550.1	18807.7	18120.9	17403.3	16827.6	16338.0	15765.2	15291.7	12024.1	2171.6	638.6
70°	17458.9	16807.1	16215.3	15442.2	14964.3	14368.1	14004.2	13412.4	10480.9	1480.4	527.6
72.5°	12575.0	12084.0	11891.1	11351.8	10726.4	10375.7	10207.6	9633.3	7745.2	919.2	431.1
75°	4248.2	4369.5	4091.8	3666.6	3874.1	3554.0	3684.1	3410.8	3276.4	527.6	362.4
77.5°	942.6	885.6	818.4	759.9	755.5	710.2	752.6	711.7	761.4	336.1	320.0
80°	743.8	587.5	499.8	455.9	432.6	419.4	409.2	397.5	362.4	286.4	295.2
82.5°	803.7	606.5	444.3	355.1	304.0	285.0	280.6	268.9	266.0	277.7	298.1
85°	257.2	214.8	182.7	172.4	159.3	152.0	149.1	144.7	175.4	302.5	286.4
87.5°	134.4	118.4	105.2	100.8	87.7	81.8	80.4	81.8	122.8	302.5	207.5
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-E08-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4	2405.4
2.5°	2406.9	2405.4	2402.5	2401.0	2399.6	2392.2	2398.1
5°	2452.2	2437.5	2424.4	2408.3	2399.6	2392.2	2392.2
7.5°	2520.8	2479.9	2446.3	2409.8	2384.9	2365.9	2363.0
10°	2607.1	2528.2	2450.7	2384.9	2338.2	2303.1	2298.7
12.5°	2688.9	2569.1	2446.3	2338.2	2265.1	2215.4	2212.5
15°	2764.9	2591.0	2412.7	2253.4	2143.8	2078.1	2070.7
17.5°	2824.8	2577.8	2336.7	2135.0	1986.0	1908.5	1904.2
20°	2838.0	2525.2	2228.6	1988.9	1831.1	1749.2	1730.3
22.5°	2826.3	2430.2	2094.1	1828.2	1647.0	1565.1	1554.9
25°	2791.2	2314.8	1927.5	1641.1	1473.1	1389.8	1369.3
27.5°	2728.4	2178.9	1747.8	1459.9	1293.3	1212.9	1192.5
30°	2634.8	2015.2	1556.3	1290.4	1117.9	1053.6	1033.2
32.5°	2504.8	1816.5	1367.8	1116.5	973.3	922.1	913.4
35°	2325.0	1588.5	1170.5	973.3	868.0	837.4	833.0
37.5°	2095.6	1360.5	1005.4	871.0	795.0	776.0	773.1
40°	1796.0	1126.7	888.5	797.9	742.4	726.3	723.4
42.5°	1487.7	951.3	802.3	739.4	694.1	679.5	675.1
45°	1217.3	833.0	738.0	691.2	648.8	632.8	631.3
47.5°	1015.6	764.3	685.4	647.4	605.0	586.0	587.5
50°	868.0	701.5	641.5	609.4	561.2	543.6	545.1
52.5°	767.2	638.6	600.6	564.1	523.2	505.6	505.6
55°	688.3	587.5	561.2	521.7	489.6	473.5	472.0
57.5°	624.0	546.5	523.2	491.0	458.9	439.9	439.9
60°	584.5	517.3	498.3	469.1	431.1	410.6	409.2
62.5°	561.2	508.6	492.5	451.6	409.2	388.7	384.3
65°	543.6	529.0	508.6	441.3	391.6	369.7	365.3
67.5°	545.1	577.2	548.0	447.2	385.8	353.6	347.8
70°	553.9	615.2	575.8	460.3	410.6	346.3	333.2
72.5°	510.0	556.8	518.8	438.4	400.4	333.2	317.1
75°	425.3	406.3	372.6	356.6	359.5	302.5	296.7
77.5°	344.9	302.5	270.4	283.5	302.5	258.7	252.8
80°	299.6	245.5	229.4	251.4	274.7	220.7	206.1
82.5°	280.6	207.5	197.3	261.6	287.9	190.0	166.6
85°	247.0	169.5	154.9	308.3	287.9	143.2	133.0
87.5°	165.1	100.8	96.4	226.5	197.3	99.4	80.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)