

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: P158151

Luminaire Tested: **VTS-E08-LED-E1-SL2-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158151
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-SL2-7050
Description: VENTUS LED SITE LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (168) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

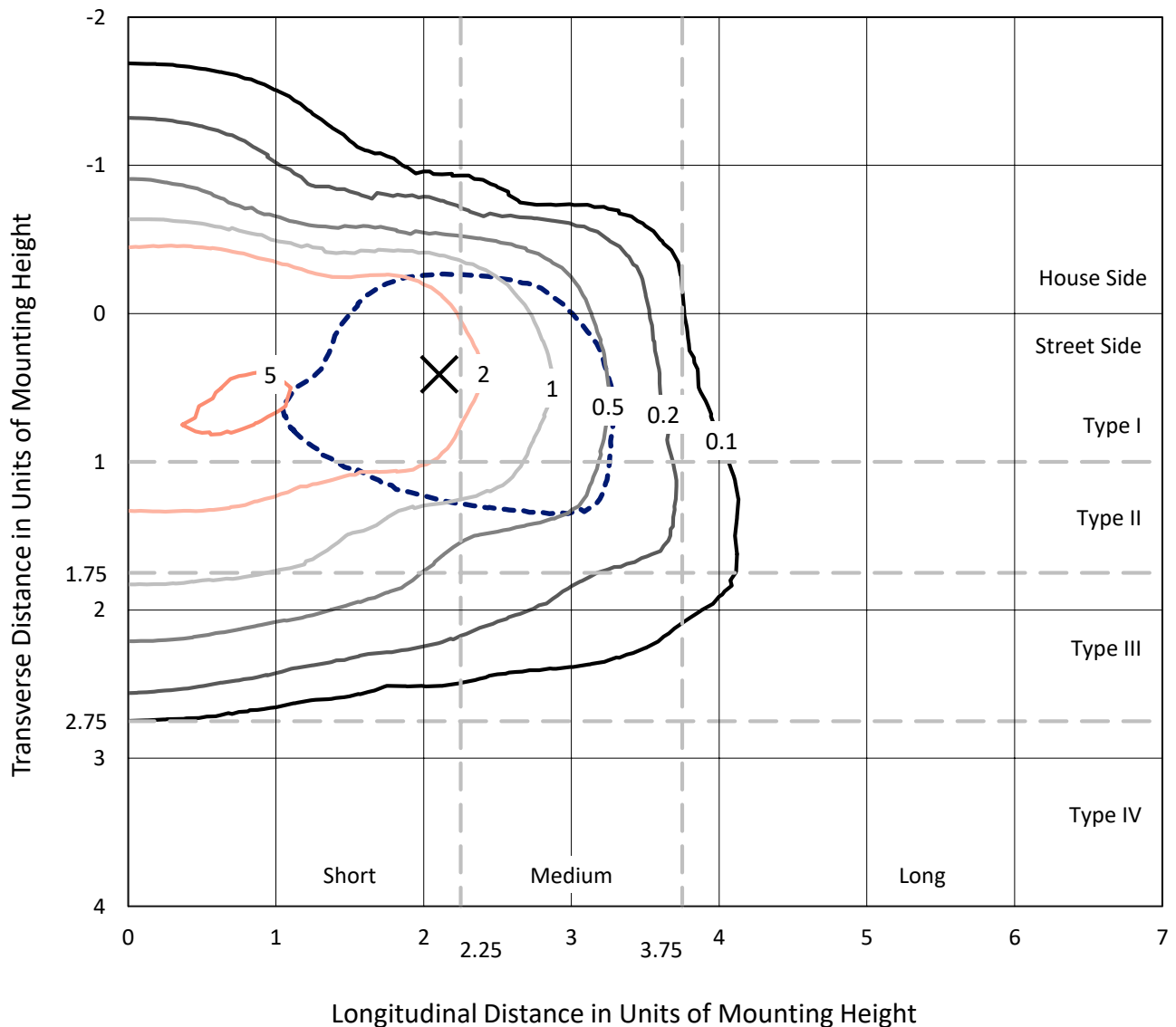
Lumens per Lamp: N/A
Luminaire Lumens: 24698.5 lumens
Efficiency: N/A
Efficacy: 127.0 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G4

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

REPORT NUMBER: P158151
 CATALOG NUMBER: VTS-E08-LED-E1-SL2-7050

Iso-Footcandle Lines of Horizontal Illumination

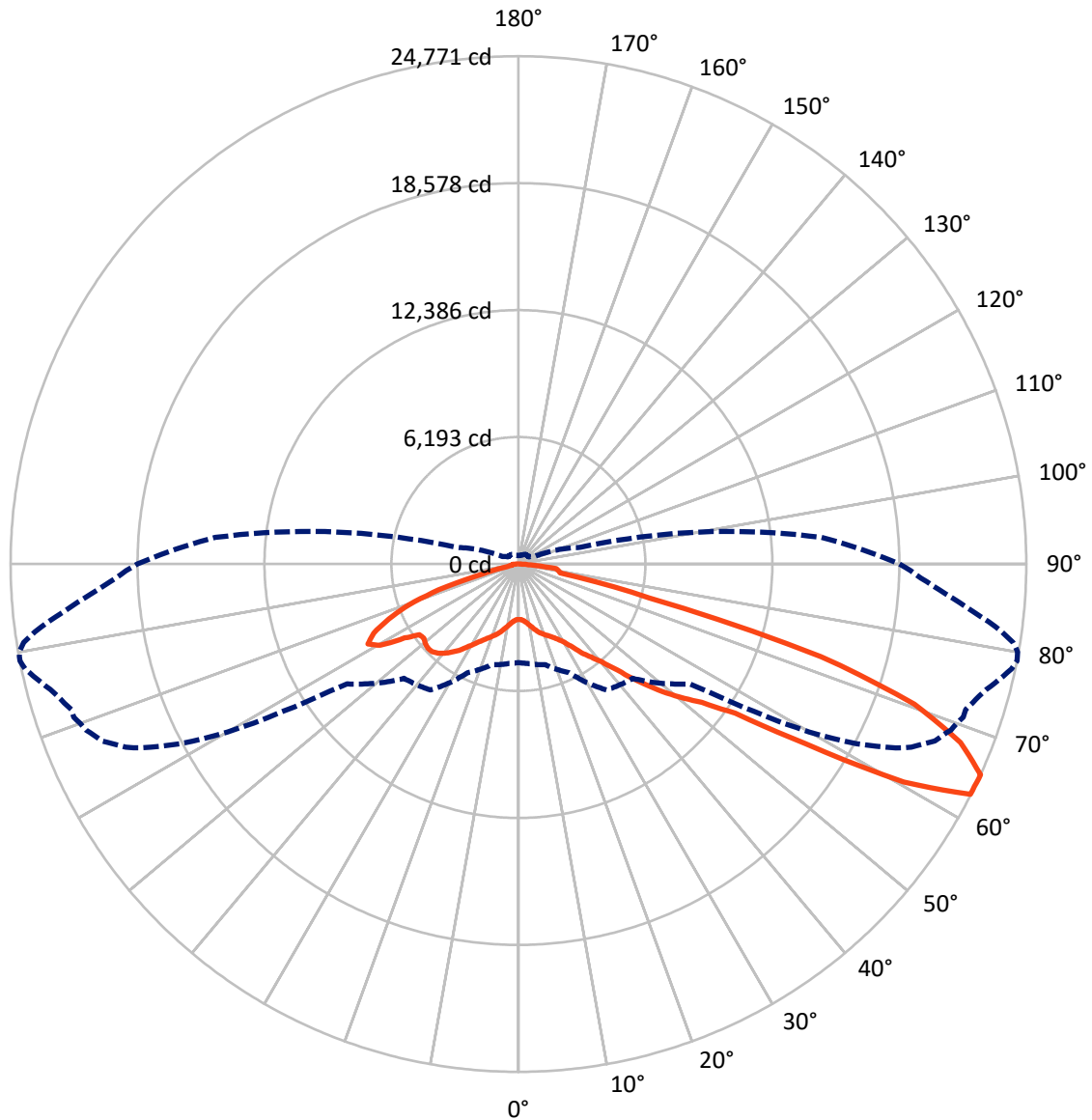
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5.6 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P158151
CATALOG NUMBER: VTS-E08-LED-E1-SL2-7050

Luminous Intensity Polar Plot



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

REPORT NUMBER: P158151

CATALOG NUMBER: VTS-E08-LED-E1-SL2-7050

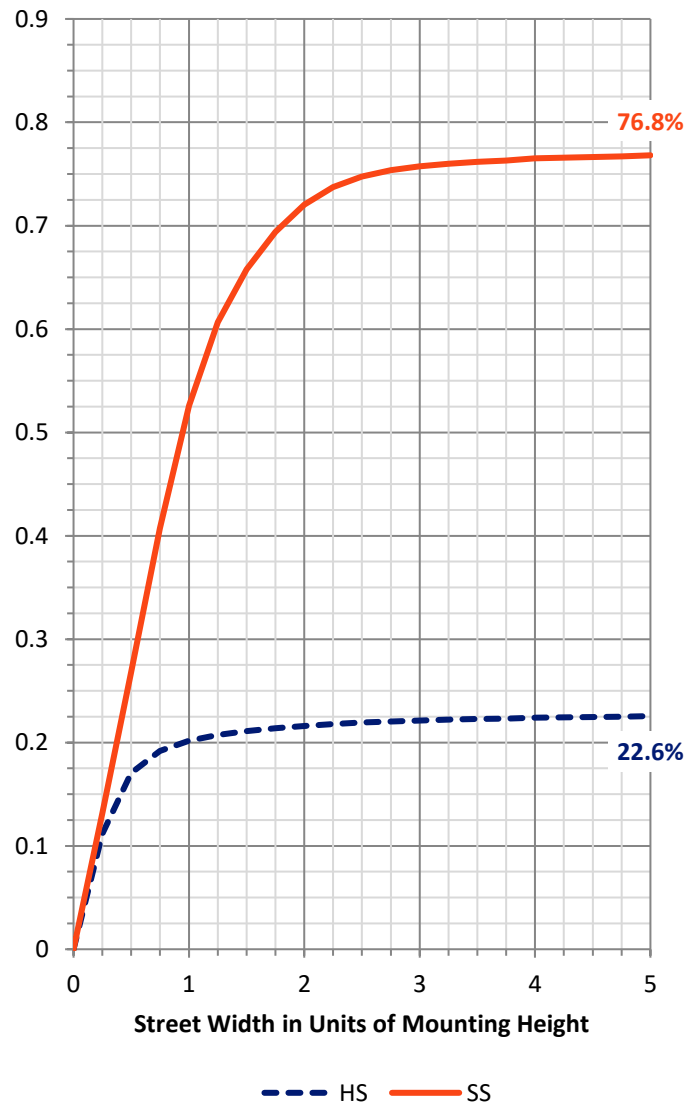
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5675.3	0.0	5675.3
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	19023.2	0.0	19023.2
	% Fixture	77.0	0.0	77.0
Total	Lumens	24698.5	0.0	24698.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	267.4	1.1
10°-20°	868.3	3.5
20°-30°	1496.9	6.1
30°-40°	2452.0	9.9
40°-50°	4106.2	16.6
50°-60°	5554.3	22.5
60°-70°	6840.0	27.7
70°-80°	2647.7	10.7
80°-90°	465.6	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°	24698.5	100.0
0°-180°	24698.5	100.0



REPORT NUMBER: P158151

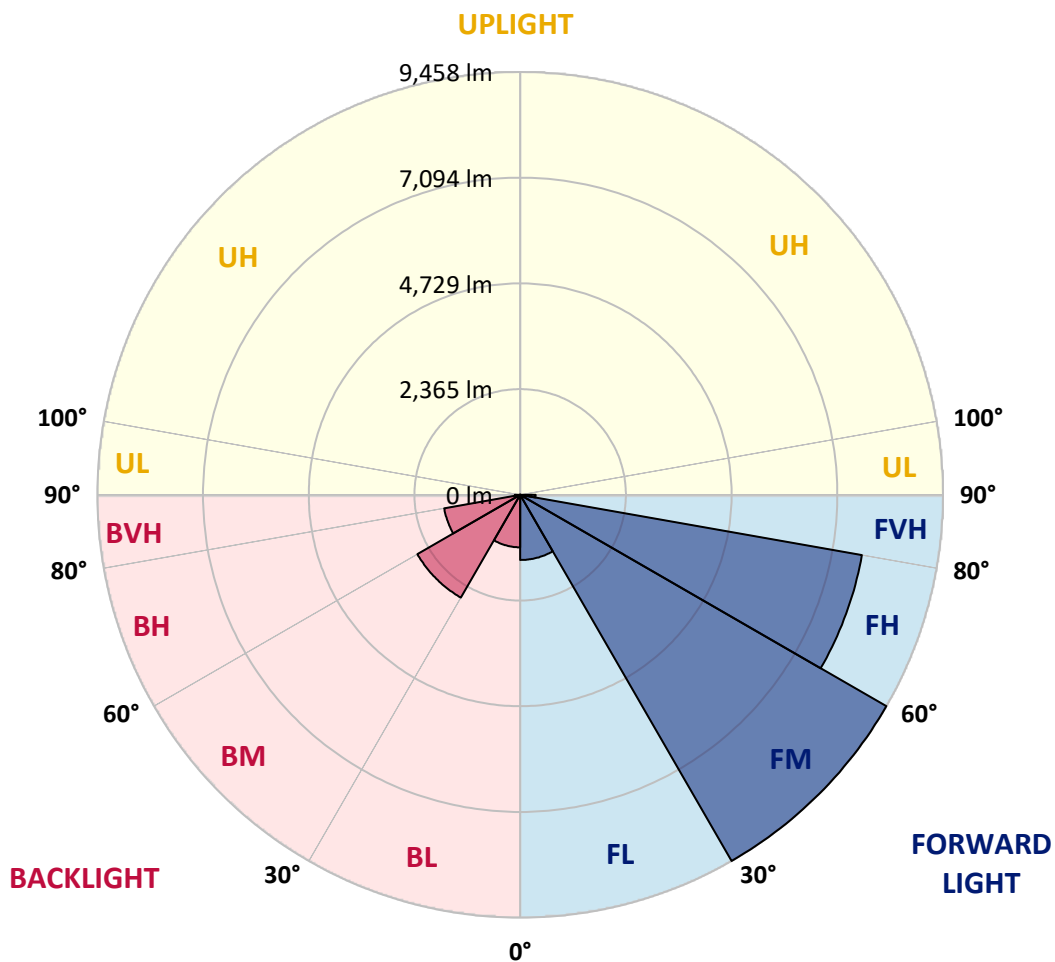
CATALOG NUMBER: VTS-E08-LED-E1-SL2-7050

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1458.1	5.9			
FM	(30°-60°)	9458.4	38.3			
FH	(60°-80°)	7761.1	31.4			G4/12000
FVH	(80°-90°)	345.5	1.4			G3/500
BL	(0°-30°)	1174.5	4.8	B3/2500		
BM	(30°-60°)	2654.0	10.7	B3/5000		
BH	(60°-80°)	1726.6	7.0	B3/2500		G3/2500
BVH	(80°-90°)	120.1	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-G4

Type II Short





REPORT NUMBER: P158151

CATALOG NUMBER: VTS-E08-LED-E1-SL2-7050

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4
2.5°	2707.3	2699.1	2707.3	2713.8	2718.8	2725.3	2723.7	2722.1	2720.4	2722.1	2722.1
5°	2730.3	2728.6	2736.8	2743.4	2754.9	2763.1	2772.9	2772.9	2772.9	2771.3	2774.6
7.5°	2804.1	2802.5	2810.7	2817.3	2827.1	2843.5	2856.7	2863.2	2861.6	2861.6	2861.6
10°	2925.6	2919.1	2919.1	2919.1	2932.2	2943.7	2973.2	2976.5	2983.1	2979.8	2981.5
12.5°	3043.8	3045.5	3040.6	3035.6	3037.3	3060.3	3102.9	3111.2	3112.8	3117.7	3121.0
15°	3150.6	3148.9	3137.4	3125.9	3140.7	3180.1	3235.9	3250.7	3250.7	3260.6	3267.1
17.5°	3249.1	3245.8	3224.4	3204.7	3219.5	3286.8	3373.8	3383.7	3398.5	3403.4	3410.0
20°	3365.6	3359.1	3334.4	3281.9	3281.9	3373.8	3488.8	3498.6	3511.7	3515.0	3526.5
22.5°	3528.2	3511.7	3459.2	3364.0	3337.7	3444.4	3585.6	3590.5	3600.4	3613.5	3623.4
25°	3712.0	3715.3	3630.0	3464.1	3406.7	3518.3	3679.2	3687.4	3705.5	3715.3	3726.8
27.5°	3902.5	3907.4	3812.2	3605.3	3508.5	3620.1	3805.6	3815.5	3836.8	3848.3	3866.4
30°	4119.2	4125.8	4033.8	3825.3	3677.6	3769.5	3992.8	4019.0	4037.1	4051.9	4081.4
32.5°	4639.6	4600.2	4536.2	4314.6	4081.4	4074.9	4294.9	4324.4	4349.0	4380.2	4408.1
35°	5294.7	5319.3	5352.2	5202.8	4997.5	4848.1	4866.2	4849.8	4872.8	4918.7	4946.6
37.5°	5813.5	5867.7	6010.5	6107.4	6099.2	6069.6	5793.8	5793.8	5808.6	5784.0	5780.7
40°	6220.7	6255.1	6547.4	6923.3	7240.2	7396.2	7177.8	7146.6	7163.0	7036.6	7041.5
42.5°	6430.8	6481.7	6902.0	7562.0	8190.8	8691.5	8624.2	8602.9	8553.6	8522.4	8502.7
45°	6537.5	6598.3	7099.0	8005.3	8921.4	9694.6	10042.7	10039.4	9995.1	9959.0	9942.6
47.5°	6483.3	6535.9	7069.5	8139.9	9305.5	10341.5	11111.5	11159.1	11146.0	11198.5	11219.8
50°	6128.7	6196.0	6731.3	7849.3	9144.7	10596.0	11851.9	11940.6	12060.4	12136.0	12236.1
52.5°	5808.6	5864.4	6347.1	7378.1	8616.0	10389.1	12298.5	12480.7	12644.9	12799.2	12919.1
55°	5473.7	5529.5	5953.1	6888.9	8082.4	9778.4	12502.1	12768.0	13024.2	13285.2	13524.9
57.5°	5347.2	5406.3	5721.6	6509.6	7645.7	9172.6	12602.2	13038.9	13455.9	13899.2	14358.9
60°	5675.6	5728.1	5967.8	6519.5	7312.4	8566.7	12400.3	13086.5	13804.0	14534.6	15240.5
62.5°	5575.4	5603.4	5902.2	6757.5	7737.7	7969.1	11525.2	12431.5	13474.0	14544.4	15626.4
65°	4810.4	4864.6	5089.5	5841.4	7499.6	7888.7	10192.1	11103.3	12333.0	13598.8	15048.5
67.5°	3451.0	3375.5	3549.5	4207.9	5818.4	7875.6	8691.5	9366.3	10330.0	11300.3	12488.9
70°	1567.9	1531.8	1668.0	2188.5	3510.1	6223.9	7348.6	7576.8	7934.7	8588.1	9390.9
72.5°	618.9	617.3	706.0	904.6	1659.8	4005.9	6179.6	6311.0	6437.4	6721.4	7067.8
75°	405.5	405.5	431.8	487.6	817.6	1934.0	5227.4	5347.2	5541.0	5621.4	5769.2
77.5°	305.4	307.0	318.5	331.6	451.5	1017.9	3689.1	4114.3	4442.6	4687.2	4866.2
80°	216.7	226.6	247.9	256.1	293.9	579.5	2085.0	2392.1	2763.1	3158.8	3656.2
82.5°	162.5	174.0	210.1	220.0	233.1	330.0	940.7	1067.1	1246.1	1615.5	2323.1
85°	75.5	83.7	144.5	157.6	169.1	190.4	477.8	533.6	605.8	663.3	773.3
87.5°	11.5	8.2	24.6	34.5	54.2	55.8	164.2	195.4	211.8	254.5	264.3
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: P158151

CATALOG NUMBER: VTS-E08-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4
2.5°	2722.1	2723.7	2725.3	2722.1	2723.7	2723.7	2720.4	2718.8	2718.8	2718.8	2720.4
5°	2774.6	2777.9	2774.6	2776.2	2782.8	2781.2	2777.9	2776.2	2782.8	2784.4	2779.5
7.5°	2868.2	2869.8	2863.2	2871.5	2874.7	2876.4	2876.4	2879.7	2879.7	2884.6	2879.7
10°	2988.0	2988.0	2999.5	2997.9	2999.5	3002.8	3004.4	3011.0	3015.9	3015.9	3019.2
12.5°	3125.9	3127.6	3139.1	3140.7	3147.3	3148.9	3158.8	3152.2	3168.6	3168.6	3173.5
15°	3268.8	3280.3	3281.9	3298.3	3301.6	3303.2	3316.4	3316.4	3327.9	3329.5	3332.8
17.5°	3410.0	3419.8	3426.4	3439.5	3451.0	3455.9	3460.8	3470.7	3478.9	3482.2	3490.4
20°	3531.4	3541.3	3547.9	3561.0	3570.8	3579.1	3584.0	3595.5	3603.7	3607.0	3618.5
22.5°	3633.2	3639.8	3651.3	3669.4	3672.6	3682.5	3697.3	3705.5	3708.8	3718.6	3731.7
25°	3741.6	3751.4	3758.0	3774.4	3787.6	3804.0	3817.1	3830.2	3833.5	3846.7	3858.2
27.5°	3886.1	3895.9	3897.6	3930.4	3943.5	3966.5	3981.3	4001.0	4010.8	4022.3	4045.3
30°	4099.5	4122.5	4132.3	4170.1	4176.7	4202.9	4229.2	4235.8	4250.5	4252.2	4289.9
32.5°	4426.2	4459.0	4472.2	4511.6	4521.4	4546.1	4560.8	4595.3	4597.0	4613.4	4621.6
35°	4961.4	4953.2	5004.1	5014.0	5043.5	5064.9	5079.6	5079.6	5110.8	5112.5	5122.3
37.5°	5692.0	5675.6	5688.7	5629.6	5644.4	5618.1	5613.2	5619.8	5606.6	5609.9	5608.3
40°	6861.0	6787.1	6709.9	6527.7	6488.3	6412.7	6353.6	6306.0	6260.1	6210.8	6178.0
42.5°	8327.1	8220.3	8105.4	7813.2	7676.9	7530.8	7388.0	7305.9	7141.7	7041.5	6987.4
45°	9863.7	9739.0	9578.1	9335.1	9141.4	8985.4	8724.4	8601.2	8346.8	8220.3	8049.6
47.5°	11123.0	11124.6	10994.9	10748.7	10541.8	10438.4	10275.8	10037.8	9748.8	9586.3	9282.6
50°	12224.6	12223.0	12214.8	12067.0	11922.5	11809.2	11666.4	11451.3	11214.9	11031.0	10683.0
52.5°	13038.9	13147.3	13193.3	13191.6	13173.6	13121.0	13012.7	12827.1	12587.4	12484.0	12206.6
55°	13712.1	13948.5	14071.6	14340.8	14365.5	14452.5	14357.3	14358.9	14217.7	14227.6	14138.9
57.5°	14731.6	15163.4	15411.3	16007.2	16306.0	16667.2	16603.2	16905.3	17015.3	17154.8	17340.4
60°	15889.0	16695.1	17282.9	18468.3	18950.9	19535.4	19857.2	20200.3	20449.9	20706.0	20894.8
62.5°	16716.5	17775.4	18740.8	20430.2	21057.3	21673.0	22078.5	22493.9	22774.6	22958.5	23094.8
65°	16378.3	17548.9	18689.9	20461.4	21144.3	21590.9	22073.6	22313.3	22594.0	22746.7	22942.1
67.5°	13917.3	15091.1	16314.3	18404.2	19118.4	19735.7	20111.7	20422.0	20648.5	20842.3	21067.2
70°	10349.7	11633.6	12897.7	15189.6	16091.0	16982.5	17425.7	17809.9	18046.3	18241.7	18489.6
72.5°	7448.7	8253.2	9042.9	11608.9	12510.3	13662.8	14122.5	14549.4	14856.4	14846.5	15109.2
75°	5930.1	6256.8	6608.1	7933.0	8579.9	9551.8	9809.6	10049.3	9904.8	9627.3	9610.9
77.5°	4936.8	5071.4	5189.6	5605.0	5700.2	5931.7	5803.7	5670.7	5242.2	4881.0	4690.5
80°	4007.6	4273.5	4447.6	4743.1	4864.6	4933.5	4951.6	4905.6	4748.0	4529.6	4181.6
82.5°	2979.8	3485.5	3830.2	4411.4	4624.9	4669.2	4754.6	4702.0	4598.6	4421.3	4171.7
85°	873.4	988.3	1132.8	1536.7	1801.0	2025.9	2255.8	2369.1	2439.7	2341.2	2083.4
87.5°	307.0	346.4	387.5	533.6	568.1	686.3	673.1	794.6	799.5	834.0	797.9
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: P158151

CATALOG NUMBER: VTS-E08-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4
2.5°	2718.8	2718.8	2718.8	2720.4	2720.4	2720.4	2717.1	2715.5	2717.1	2720.4	2720.4
5°	2782.8	2784.4	2787.7	2781.2	2782.8	2787.7	2784.4	2782.8	2784.4	2787.7	2784.4
7.5°	2886.2	2887.9	2884.6	2891.2	2891.2	2894.4	2899.4	2894.4	2896.1	2897.7	2899.4
10°	3020.9	3022.5	3025.8	3030.7	3032.3	3035.6	3038.9	3043.8	3043.8	3040.6	3048.8
12.5°	3181.7	3180.1	3183.4	3190.0	3193.2	3198.2	3208.0	3208.0	3214.6	3212.9	3221.2
15°	3339.4	3347.6	3349.2	3360.7	3365.6	3373.8	3385.3	3391.9	3391.9	3401.7	3405.0
17.5°	3497.0	3503.5	3510.1	3520.0	3526.5	3531.4	3544.6	3552.8	3551.1	3569.2	3569.2
20°	3618.5	3631.6	3639.8	3646.4	3657.9	3666.1	3675.9	3685.8	3692.3	3703.8	3707.1
22.5°	3736.7	3744.9	3756.4	3764.6	3777.7	3787.6	3799.1	3807.3	3818.8	3833.5	3838.5
25°	3868.0	3881.1	3894.3	3905.8	3915.6	3927.1	3946.8	3964.9	3981.3	3994.4	3999.3
27.5°	4050.2	4065.0	4084.7	4092.9	4107.7	4117.6	4147.1	4170.1	4178.3	4201.3	4207.9
30°	4296.5	4312.9	4332.6	4342.5	4368.7	4381.9	4413.1	4437.7	4445.9	4473.8	4478.7
32.5°	4652.8	4662.6	4702.0	4700.4	4736.5	4774.3	4792.3	4812.0	4848.1	4862.9	4867.8
35°	5146.9	5169.9	5197.8	5196.2	5242.2	5263.5	5299.6	5321.0	5347.2	5345.6	5373.5
37.5°	5624.7	5632.9	5642.8	5664.1	5696.9	5726.5	5739.6	5761.0	5780.7	5810.2	5846.3
40°	6145.1	6164.8	6166.5	6178.0	6194.4	6232.2	6256.8	6279.8	6347.1	6389.8	6411.1
42.5°	6925.0	6920.1	6887.2	6908.6	6918.4	6975.9	6993.9	7064.5	7140.1	7230.3	7255.0
45°	7928.1	7862.4	7842.7	7834.5	7887.1	7916.6	7990.5	8121.8	8200.6	8286.0	8327.1
47.5°	9162.7	8957.5	8860.6	8839.3	8893.5	9019.9	9044.5	9174.2	9277.6	9340.0	9381.1
50°	10399.0	10238.1	10034.5	9965.5	9950.8	10067.3	10095.2	10203.6	10308.7	10326.7	10305.4
52.5°	11952.1	11689.4	11352.8	11231.3	11134.5	11142.7	11165.7	11211.6	11279.0	11251.0	11193.6
55°	13938.6	13639.8	13474.0	13244.1	13098.0	13071.8	12971.6	12833.7	12828.8	12846.8	12674.5
57.5°	17246.8	17122.0	17192.6	17168.0	17023.5	17110.5	16659.0	16531.0	16429.2	16251.9	16092.6
60°	21062.3	21190.3	21336.4	21673.0	21658.2	21996.4	21682.8	21604.0	21508.8	20962.1	20694.5
62.5°	23332.8	23383.7	23598.8	23912.4	24221.0	24544.4	24690.6	24741.5	24542.8	24096.2	23538.0
65°	22937.2	23162.1	23370.6	23641.5	23958.3	24281.8	24590.4	24771.0	24725.0	24429.5	23815.5
67.5°	21139.4	21375.8	21681.2	21965.2	22306.7	22587.5	22925.7	23257.3	23267.1	23119.4	22692.5
70°	18515.9	18790.0	19105.3	19264.5	19633.9	19888.4	20169.1	20497.5	20604.2	20622.3	20124.8
72.5°	15053.4	15168.3	15322.6	15238.9	15312.8	15475.3	15399.8	15426.1	15020.5	15096.1	14482.0
75°	9167.6	9062.6	8596.3	8171.1	7652.3	7253.3	7348.6	6586.8	5836.5	5798.7	5256.9
77.5°	4649.5	4482.0	4193.1	3892.6	3452.6	2948.6	2528.3	2075.2	1692.7	1474.3	1265.8
80°	3959.9	3841.7	3682.5	3464.1	3144.0	2771.3	2333.0	1988.2	1668.0	1334.8	1068.8
82.5°	3789.2	3428.0	3196.5	3014.3	2667.9	2323.1	2083.4	1847.0	1620.4	1415.2	1121.3
85°	1879.8	1663.1	1407.0	1247.7	960.4	751.9	704.3	579.5	540.1	417.0	351.3
87.5°	632.1	517.2	385.8	325.1	259.4	211.8	208.5	185.5	183.9	167.5	154.3
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: P158151

CATALOG NUMBER: VTS-E08-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4
2.5°	2718.8	2722.1	2722.1	2718.8	2720.4	2717.1	2718.8	2720.4	2715.5	2713.8	2708.9
5°	2786.1	2784.4	2784.4	2786.1	2791.0	2792.6	2784.4	2787.7	2789.4	2781.2	2763.1
7.5°	2897.7	2897.7	2902.6	2901.0	2910.9	2907.6	2905.9	2905.9	2905.9	2889.5	2860.0
10°	3048.8	3048.8	3053.7	3060.3	3061.9	3058.6	3058.6	3060.3	3068.5	3035.6	2989.7
12.5°	3217.9	3226.1	3224.4	3224.4	3244.1	3239.2	3232.6	3239.2	3247.4	3201.4	3135.8
15°	3406.7	3411.6	3414.9	3426.4	3423.1	3434.6	3437.9	3434.6	3442.8	3383.7	3273.7
17.5°	3577.4	3587.3	3590.5	3603.7	3603.7	3605.3	3618.5	3613.5	3615.2	3547.9	3390.3
20°	3718.6	3728.5	3733.4	3748.2	3751.4	3758.0	3762.9	3766.2	3774.4	3694.0	3485.5
22.5°	3859.8	3868.0	3876.2	3886.1	3899.2	3907.4	3914.0	3917.3	3932.0	3838.5	3575.8
25°	4017.4	4035.5	4043.7	4060.1	4073.2	4086.4	4096.2	4097.9	4122.5	4005.9	3649.7
27.5°	4227.6	4252.2	4265.3	4291.6	4304.7	4317.9	4314.6	4334.3	4368.7	4198.0	3707.1
30°	4503.4	4534.6	4542.8	4569.0	4590.4	4603.5	4618.3	4634.7	4657.7	4411.4	3735.0
32.5°	4887.5	4935.2	4946.6	4961.4	4992.6	5015.6	5025.5	5051.7	5058.3	4613.4	3726.8
35°	5414.6	5393.2	5449.0	5462.2	5506.5	5524.6	5536.0	5570.5	5544.3	4833.4	3672.6
37.5°	5890.7	5884.1	5938.3	5967.8	6025.3	6012.2	6040.1	6063.1	5969.5	4989.3	3572.5
40°	6471.9	6463.6	6539.2	6549.0	6637.7	6618.0	6629.5	6647.5	6439.0	5097.7	3390.3
42.5°	7282.9	7286.2	7366.6	7376.5	7388.0	7424.1	7365.0	7368.3	6938.1	5127.2	3089.8
45°	8351.7	8409.1	8359.9	8361.5	8358.2	8289.3	8215.4	8128.4	7456.9	5025.5	2702.4
47.5°	9387.6	9348.2	9285.8	9228.4	9180.8	9072.4	8964.1	8816.3	7905.1	4784.1	2270.6
50°	10274.2	10185.5	10129.7	9970.5	9857.2	9716.0	9564.9	9395.8	8272.9	4436.1	1866.7
52.5°	11098.4	11006.4	10797.9	10632.1	10469.6	10282.4	10106.7	9908.1	8597.9	4038.8	1558.0
55°	12467.6	12387.1	12178.6	11874.9	11674.6	11416.9	11185.4	10916.1	9256.3	3717.0	1354.5
57.5°	15654.3	15585.3	15147.0	14954.9	14690.5	14043.7	13948.5	13528.2	11021.2	3679.2	1234.6
60°	20141.2	19845.7	19481.2	18955.9	18336.9	18123.5	17647.4	17087.5	13861.5	3782.6	1137.7
62.5°	22896.1	22223.0	21687.8	21082.0	20512.3	20023.0	19502.6	18949.3	15314.4	3646.4	1017.9
65°	23103.0	22311.6	21604.0	20893.1	20252.9	19643.8	19138.1	18584.8	14841.6	3134.1	861.9
67.5°	21963.6	21129.6	20357.9	19551.8	18905.0	18355.0	17711.4	17179.5	13508.5	2439.7	717.5
70°	19614.2	18882.0	18217.1	17348.6	16811.7	16141.9	15733.1	15068.2	11774.8	1663.1	592.7
72.5°	14127.4	13575.8	13359.1	12753.3	12050.6	11656.6	11467.8	10822.5	8701.4	1032.7	484.3
75°	4772.6	4908.9	4597.0	4119.2	4352.3	3992.8	4138.9	3831.9	3680.8	592.7	407.2
77.5°	1058.9	994.9	919.4	853.7	848.8	797.9	845.5	799.5	855.4	377.6	359.5
80°	835.7	660.0	561.5	512.2	486.0	471.2	459.7	446.6	407.2	321.8	331.6
82.5°	903.0	681.3	499.1	398.9	341.5	320.1	315.2	302.1	298.8	311.9	334.9
85°	289.0	241.3	205.2	193.7	179.0	170.7	167.5	162.5	197.0	339.8	321.8
87.5°	151.0	133.0	118.2	113.3	98.5	91.9	90.3	91.9	137.9	339.8	233.1
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: P158151

CATALOG NUMBER: VTS-E08-LED-E1-SL2-7050

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4	2702.4
2.5°	2704.0	2702.4	2699.1	2697.4	2695.8	2687.6	2694.1
5°	2754.9	2738.5	2723.7	2705.6	2695.8	2687.6	2687.6
7.5°	2832.1	2786.1	2748.3	2707.3	2679.4	2658.0	2654.7
10°	2928.9	2840.3	2753.2	2679.4	2626.8	2587.4	2582.5
12.5°	3020.9	2886.2	2748.3	2626.8	2544.7	2488.9	2485.6
15°	3106.2	2910.9	2710.6	2531.6	2408.5	2334.6	2326.4
17.5°	3173.5	2896.1	2625.2	2398.6	2231.2	2144.1	2139.2
20°	3188.3	2837.0	2503.7	2234.4	2057.1	1965.2	1943.9
22.5°	3175.2	2730.3	2352.7	2053.9	1850.3	1758.3	1746.8
25°	3135.8	2600.6	2165.5	1843.7	1654.9	1561.3	1538.3
27.5°	3065.2	2447.9	1963.6	1640.1	1453.0	1362.7	1339.7
30°	2960.1	2264.0	1748.5	1449.7	1256.0	1183.7	1160.7
32.5°	2814.0	2040.7	1536.7	1254.3	1093.4	1036.0	1026.1
35°	2612.1	1784.6	1315.1	1093.4	975.2	940.7	935.8
37.5°	2354.3	1528.5	1129.5	978.5	893.1	871.8	868.5
40°	2017.7	1265.8	998.2	896.4	834.0	816.0	812.7
42.5°	1671.3	1068.8	901.3	830.7	779.8	763.4	758.5
45°	1367.6	935.8	829.1	776.6	728.9	710.9	709.2
47.5°	1141.0	858.6	770.0	727.3	679.7	658.3	660.0
50°	975.2	788.0	720.7	684.6	630.4	610.7	612.4
52.5°	861.9	717.5	674.8	633.7	587.8	568.1	568.1
55°	773.3	660.0	630.4	586.1	550.0	531.9	530.3
57.5°	701.0	614.0	587.8	551.6	515.5	494.2	494.2
60°	656.7	581.2	559.8	527.0	484.3	461.3	459.7
62.5°	630.4	571.3	553.3	507.3	459.7	436.7	431.8
65°	610.7	594.3	571.3	495.8	440.0	415.4	410.4
67.5°	612.4	648.5	615.7	502.4	433.4	397.3	390.7
70°	622.2	691.2	646.9	517.2	461.3	389.1	374.3
72.5°	573.0	625.5	582.8	492.5	449.8	374.3	356.3
75°	477.8	456.4	418.7	400.6	403.9	339.8	333.3
77.5°	387.5	339.8	303.7	318.5	339.8	290.6	284.0
80°	336.6	275.8	257.8	282.4	308.7	247.9	231.5
82.5°	315.2	233.1	221.6	293.9	323.4	213.4	187.2
85°	277.5	190.4	174.0	346.4	323.4	160.9	149.4
87.5°	185.5	113.3	108.4	254.5	221.6	111.6	90.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)