

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: P158144

Luminaire Tested: **VTS-F07-LED-E1-SL2-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158144
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-F07-LED-E1-SL2-7030
Description: VENTUS LED SITE LUMINAIRE
(7) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (49) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15880.1 lumens
Efficiency: N/A
Efficacy: 88.0 lumens/watt
Luminous Opening: Rectangular (W 1.17' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B3 - U0 - G3

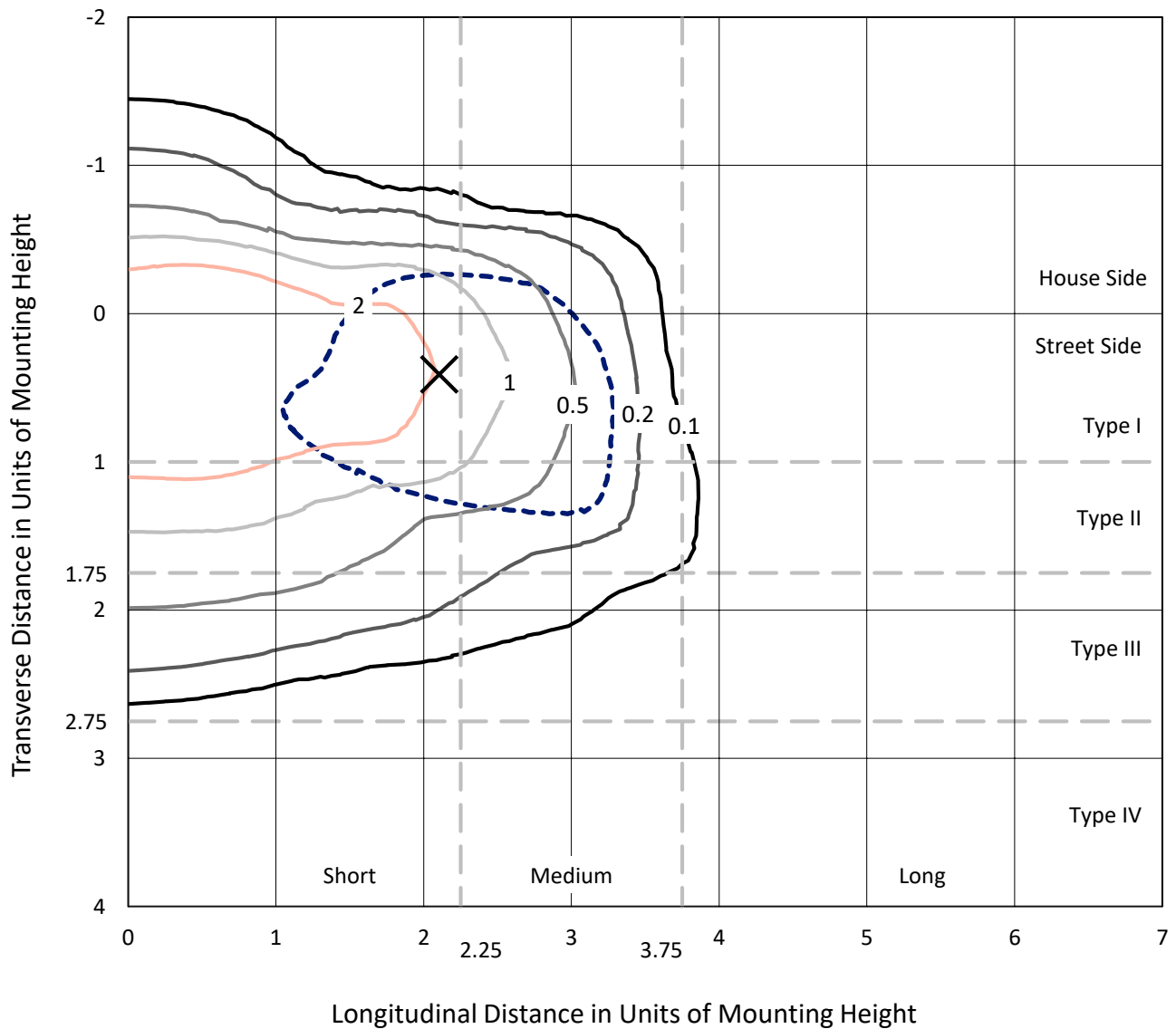
Input Watts (W): 180.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

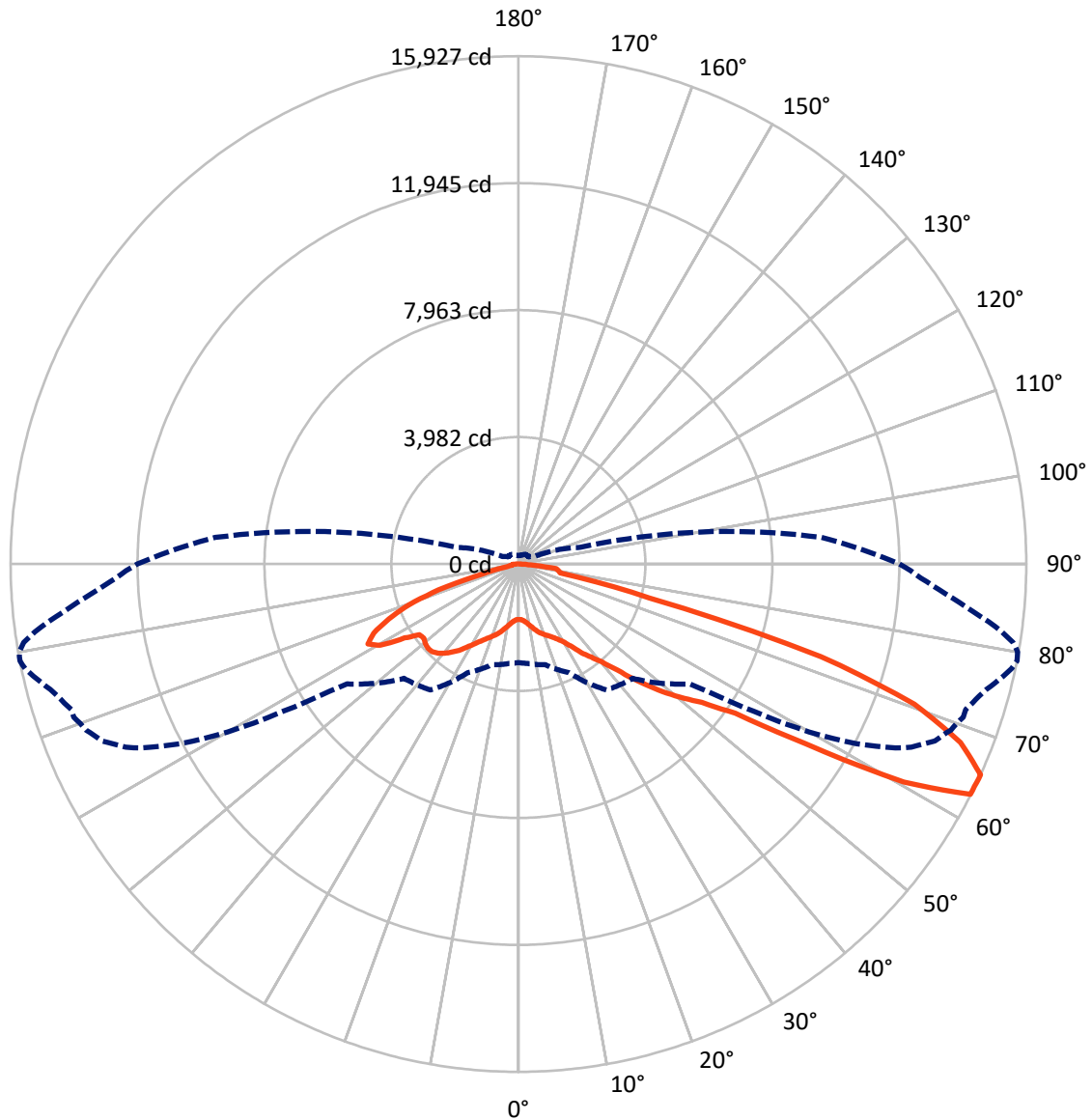


Based on 25 foot mounting height. Maximum calculated value = 3.6 fc
 Type II - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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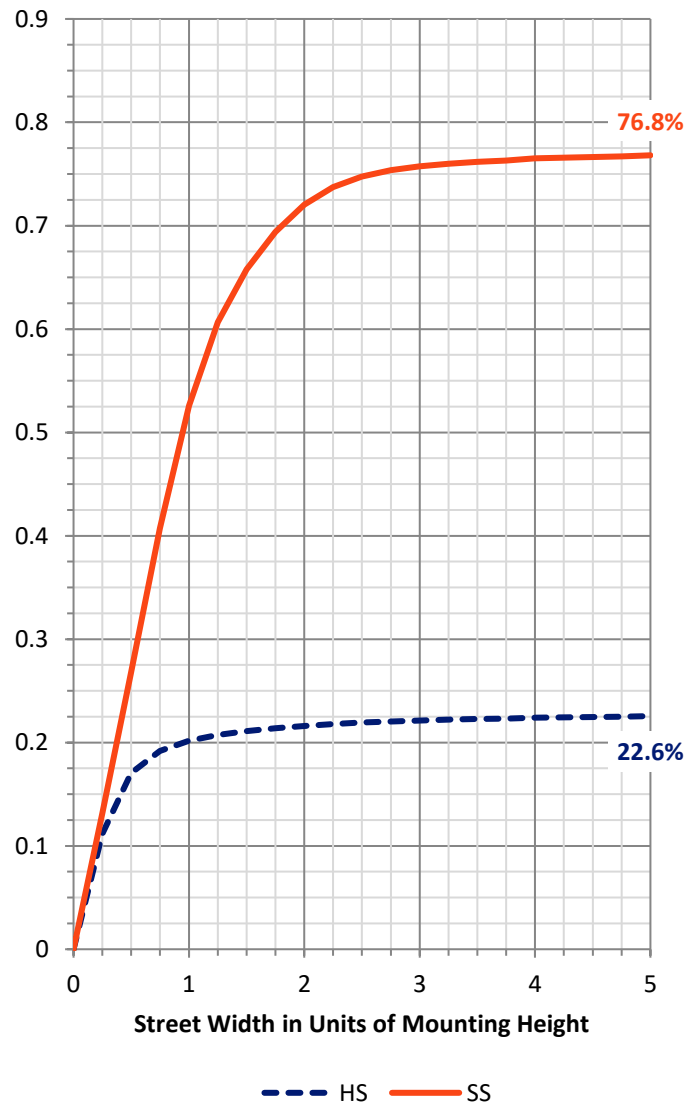
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3649.0	0.0	3649.0
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	12231.2	0.0	12231.2
	% Fixture	77.0	0.0	77.0
Total	Lumens	15880.1	0.0	15880.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.9	1.1
10°-20°	558.3	3.5
20°-30°	962.5	6.1
30°-40°	1576.5	9.9
40°-50°	2640.1	16.6
50°-60°	3571.2	22.5
60°-70°	4397.9	27.7
70°-80°	1702.4	10.7
80°-90°	299.4	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°	15880.1	100.0
0°-180°	15880.1	100.0



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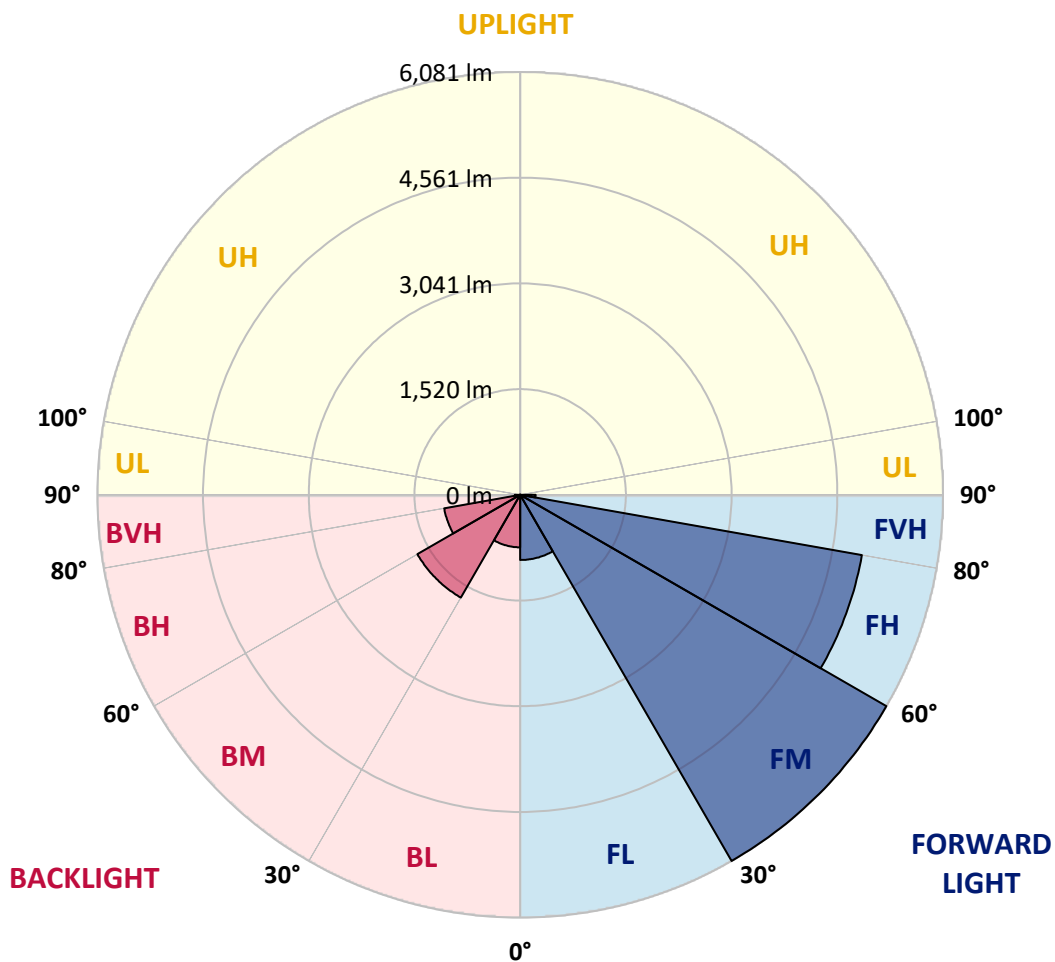
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	937.5	5.9			
FM (30°-60°)	6081.4	38.3			
FH (60°-80°)	4990.1	31.4			G2/5000
FVH (80°-90°)	222.1	1.4			G2/225
BL (0°-30°)	755.2	4.8	B2/1000		
BM (30°-60°)	1706.4	10.7	B2/2500		
BH (60°-80°)	1110.1	7.0	B3/2500		G3/2500
BVH (80°-90°)	77.2	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°	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5
2.5°	1740.7	1735.4	1740.7	1744.9	1748.1	1752.3	1751.2	1750.2	1749.1	1750.2	1750.2
5°	1755.4	1754.4	1759.7	1763.9	1771.3	1776.6	1782.9	1782.9	1782.9	1781.8	1783.9
7.5°	1802.9	1801.9	1807.2	1811.4	1817.7	1828.3	1836.7	1841.0	1839.9	1839.9	1839.9
10°	1881.1	1876.8	1876.8	1876.8	1885.3	1892.7	1911.7	1913.8	1918.0	1915.9	1917.0
12.5°	1957.1	1958.1	1955.0	1951.8	1952.8	1967.6	1995.1	2000.3	2001.4	2004.6	2006.7
15°	2025.7	2024.6	2017.2	2009.8	2019.3	2044.7	2080.6	2090.1	2090.1	2096.4	2100.6
17.5°	2089.0	2086.9	2073.2	2060.5	2070.0	2113.3	2169.2	2175.6	2185.1	2188.2	2192.5
20°	2164.0	2159.7	2143.9	2110.1	2110.1	2169.2	2243.1	2249.5	2257.9	2260.0	2267.4
22.5°	2268.5	2257.9	2224.1	2162.9	2146.0	2214.6	2305.4	2308.6	2314.9	2323.4	2329.7
25°	2386.7	2388.8	2333.9	2227.3	2190.4	2262.1	2365.6	2370.9	2382.5	2388.8	2396.2
27.5°	2509.1	2512.3	2451.1	2318.1	2255.8	2327.6	2446.9	2453.2	2466.9	2474.3	2485.9
30°	2648.5	2652.7	2593.6	2459.5	2364.5	2423.6	2567.2	2584.1	2595.7	2605.2	2624.2
32.5°	2983.1	2957.8	2916.6	2774.1	2624.2	2620.0	2761.4	2780.4	2796.3	2816.3	2834.3
35°	3404.3	3420.1	3441.2	3345.2	3213.2	3117.2	3128.8	3118.2	3133.0	3162.6	3180.5
37.5°	3737.8	3772.7	3864.5	3926.8	3921.5	3902.5	3725.2	3725.2	3734.7	3718.8	3716.7
40°	3999.6	4021.8	4209.7	4451.4	4655.2	4755.4	4615.0	4595.0	4605.5	4524.3	4527.4
42.5°	4134.7	4167.5	4437.7	4862.1	5266.3	5588.3	5545.0	5531.3	5499.6	5479.6	5466.9
45°	4203.4	4242.4	4564.4	5147.1	5736.1	6233.3	6457.0	6454.9	6426.4	6403.2	6392.7
47.5°	4168.5	4202.3	4545.4	5233.6	5983.1	6649.2	7144.2	7174.9	7166.4	7200.2	7213.9
50°	3940.5	3983.8	4327.9	5046.8	5879.6	6812.8	7620.3	7677.3	7754.4	7802.9	7867.3
52.5°	3734.7	3770.6	4080.9	4743.8	5539.7	6679.8	7907.4	8024.6	8130.2	8229.4	8306.4
55°	3519.3	3555.2	3827.6	4429.3	5196.7	6287.1	8038.3	8209.3	8374.0	8541.8	8696.0
57.5°	3438.1	3476.1	3678.7	4185.4	4915.9	5897.6	8102.7	8383.5	8651.6	8936.6	9232.2
60°	3649.2	3683.0	3837.1	4191.8	4701.6	5508.1	7972.9	8414.1	8875.4	9345.1	9799.0
62.5°	3584.8	3602.7	3794.8	4344.8	4975.0	5123.8	7410.2	7992.9	8663.2	9351.5	10047.1
65°	3092.9	3127.7	3272.3	3755.8	4821.9	5072.1	6553.1	7139.0	7929.6	8743.5	9675.5
67.5°	2218.9	2170.3	2282.2	2705.5	3741.0	5063.7	5588.3	6022.1	6641.8	7265.6	8029.9
70°	1008.1	984.9	1072.5	1407.1	2256.9	4001.7	4724.8	4871.6	5101.7	5521.8	6038.0
72.5°	398.0	396.9	453.9	581.6	1067.2	2575.6	3973.2	4057.7	4139.0	4321.6	4544.3
75°	260.7	260.7	277.6	313.5	525.7	1243.5	3361.0	3438.1	3562.6	3614.3	3709.3
77.5°	196.3	197.4	204.8	213.2	290.3	654.5	2371.9	2645.3	2856.4	3013.7	3128.8
80°	139.3	145.7	159.4	164.7	189.0	372.6	1340.6	1538.0	1776.6	2031.0	2350.8
82.5°	104.5	111.9	135.1	141.4	149.9	212.2	604.9	686.1	801.2	1038.7	1493.7
85°	48.6	53.8	92.9	101.3	108.7	122.4	307.2	343.1	389.5	426.5	497.2
87.5°	7.4	5.3	15.8	22.2	34.8	35.9	105.6	125.6	136.2	163.6	170.0
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°	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5
2.5°	1750.2	1751.2	1752.3	1750.2	1751.2	1751.2	1749.1	1748.1	1748.1	1748.1	1749.1
5°	1783.9	1786.1	1783.9	1785.0	1789.2	1788.2	1786.1	1785.0	1789.2	1790.3	1787.1
7.5°	1844.1	1845.2	1841.0	1846.2	1848.3	1849.4	1849.4	1851.5	1851.5	1854.7	1851.5
10°	1921.2	1921.2	1928.6	1927.5	1928.6	1930.7	1931.7	1936.0	1939.1	1939.1	1941.2
12.5°	2009.8	2010.9	2018.3	2019.3	2023.6	2024.6	2031.0	2026.7	2037.3	2037.3	2040.5
15°	2101.7	2109.1	2110.1	2120.7	2122.8	2123.8	2132.3	2132.3	2139.7	2140.7	2142.8
17.5°	2192.5	2198.8	2203.0	2211.5	2218.9	2222.0	2225.2	2231.5	2236.8	2238.9	2244.2
20°	2270.6	2276.9	2281.1	2289.6	2295.9	2301.2	2304.4	2311.7	2317.0	2319.1	2326.5
22.5°	2336.0	2340.2	2347.6	2359.2	2361.4	2367.7	2377.2	2382.5	2384.6	2390.9	2399.4
25°	2405.7	2412.0	2416.2	2426.8	2435.2	2445.8	2454.2	2462.7	2464.8	2473.2	2480.6
27.5°	2498.6	2504.9	2506.0	2527.1	2535.5	2550.3	2559.8	2572.5	2578.8	2586.2	2601.0
30°	2635.8	2650.6	2656.9	2681.2	2685.4	2702.3	2719.2	2723.4	2732.9	2734.0	2758.3
32.5°	2845.9	2867.0	2875.4	2900.8	2907.1	2922.9	2932.4	2954.6	2955.7	2966.2	2971.5
35°	3190.0	3184.7	3217.4	3223.8	3242.8	3256.5	3266.0	3266.0	3286.1	3287.1	3293.4
37.5°	3659.7	3649.2	3657.6	3619.6	3629.1	3612.2	3609.1	3613.3	3604.8	3607.0	3605.9
40°	4411.3	4363.8	4314.2	4197.0	4171.7	4123.1	4085.1	4054.5	4025.0	3993.3	3972.2
42.5°	5354.0	5285.3	5211.5	5023.6	4935.9	4842.0	4750.2	4697.4	4591.8	4527.4	4492.6
45°	6342.0	6261.8	6158.3	6002.1	5877.5	5777.2	5609.4	5530.2	5366.6	5285.3	5175.6
47.5°	7151.6	7152.7	7069.3	6911.0	6777.9	6711.4	6606.9	6453.9	6268.1	6163.6	5968.3
50°	7859.9	7858.9	7853.6	7758.6	7665.7	7592.9	7501.0	7362.7	7210.7	7092.5	6868.7
52.5°	8383.5	8453.2	8482.7	8481.7	8470.1	8436.3	8366.6	8247.3	8093.2	8026.7	7848.3
55°	8816.3	8968.3	9047.5	9220.6	9236.4	9292.4	9231.1	9232.2	9141.4	9147.8	9090.7
57.5°	9471.8	9749.4	9908.8	10292.0	10484.1	10716.4	10675.2	10869.4	10940.1	11029.9	11149.2
60°	10216.0	10734.3	11112.2	11874.3	12184.7	12560.5	12767.4	12988.0	13148.4	13313.1	13434.5
62.5°	10748.0	11428.9	12049.6	13135.8	13539.0	13934.9	14195.6	14462.7	14643.2	14761.4	14849.0
65°	10530.6	11283.2	12016.8	13155.8	13595.0	13882.1	14192.4	14346.5	14527.0	14625.2	14750.8
67.5°	8948.2	9703.0	10489.4	11833.2	12292.4	12689.3	12931.0	13130.5	13276.2	13400.7	13545.3
70°	6654.4	7479.9	8292.7	9766.3	10345.8	10919.0	11204.0	11451.0	11603.1	11728.7	11888.1
72.5°	4789.2	5306.5	5814.2	7464.1	8043.6	8784.6	9080.2	9354.6	9552.0	9545.7	9714.6
75°	3812.8	4022.9	4248.8	5100.6	5516.5	6141.4	6307.2	6461.3	6368.4	6190.0	6179.4
77.5°	3174.2	3260.7	3336.7	3603.8	3665.0	3813.8	3731.5	3646.0	3370.5	3138.3	3015.8
80°	2576.7	2747.7	2859.6	3049.6	3127.7	3172.1	3183.7	3154.1	3052.8	2912.4	2688.6
82.5°	1915.9	2241.0	2462.7	2836.4	2973.6	3002.1	3057.0	3023.2	2956.7	2842.7	2682.3
85°	561.6	635.5	728.4	988.0	1158.0	1302.6	1450.4	1523.2	1568.6	1505.3	1339.5
87.5°	197.4	222.7	249.1	343.1	365.2	441.2	432.8	510.9	514.1	536.2	513.0
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°	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5
2.5°	1748.1	1748.1	1748.1	1749.1	1749.1	1749.1	1747.0	1745.9	1747.0	1749.1	1749.1
5°	1789.2	1790.3	1792.4	1788.2	1789.2	1792.4	1790.3	1789.2	1790.3	1792.4	1790.3
7.5°	1855.7	1856.8	1854.7	1858.9	1858.9	1861.0	1864.2	1861.0	1862.1	1863.1	1864.2
10°	1942.3	1943.3	1945.5	1948.6	1949.7	1951.8	1953.9	1957.1	1957.1	1955.0	1960.2
12.5°	2045.7	2044.7	2046.8	2051.0	2053.1	2056.3	2062.6	2062.6	2066.8	2065.8	2071.1
15°	2147.1	2152.3	2153.4	2160.8	2164.0	2169.2	2176.6	2180.9	2180.9	2187.2	2189.3
17.5°	2248.4	2252.6	2256.9	2263.2	2267.4	2270.6	2279.0	2284.3	2283.2	2294.9	2294.9
20°	2326.5	2335.0	2340.2	2344.5	2351.9	2357.1	2363.5	2369.8	2374.0	2381.4	2383.5
22.5°	2402.5	2407.8	2415.2	2420.5	2428.9	2435.2	2442.6	2447.9	2455.3	2464.8	2468.0
25°	2487.0	2495.4	2503.9	2511.3	2517.6	2525.0	2537.6	2549.3	2559.8	2568.3	2571.4
27.5°	2604.1	2613.6	2626.3	2631.6	2641.1	2647.4	2666.4	2681.2	2686.5	2701.3	2705.5
30°	2762.5	2773.0	2785.7	2792.0	2808.9	2817.4	2837.4	2853.3	2858.5	2876.5	2879.7
32.5°	2991.5	2997.9	3023.2	3022.2	3045.4	3069.7	3081.3	3093.9	3117.2	3126.7	3129.8
35°	3309.3	3324.1	3342.0	3340.9	3370.5	3384.2	3407.4	3421.2	3438.1	3437.0	3454.9
37.5°	3616.5	3621.7	3628.1	3641.8	3662.9	3681.9	3690.3	3704.1	3716.7	3735.7	3759.0
40°	3951.1	3963.7	3964.8	3972.2	3982.7	4007.0	4022.9	4037.6	4080.9	4108.4	4122.1
42.5°	4452.5	4449.3	4428.2	4441.9	4448.3	4485.2	4496.8	4542.2	4590.8	4648.8	4664.7
45°	5097.4	5055.2	5042.6	5037.3	5071.1	5090.1	5137.6	5222.0	5272.7	5327.6	5354.0
47.5°	5891.3	5759.3	5697.0	5683.3	5718.1	5799.4	5815.3	5898.6	5965.1	6005.3	6031.6
50°	6686.1	6582.7	6451.8	6407.4	6397.9	6472.9	6490.8	6560.5	6628.1	6639.7	6625.9
52.5°	7684.7	7515.8	7299.4	7221.3	7159.0	7164.3	7179.1	7208.6	7251.9	7234.0	7197.0
55°	8962.0	8769.8	8663.2	8515.5	8421.5	8404.6	8340.2	8251.6	8248.4	8260.0	8149.2
57.5°	11089.0	11008.8	11054.1	11038.3	10945.4	11001.4	10711.1	10628.7	10563.3	10449.3	10346.9
60°	13542.2	13624.5	13718.5	13934.9	13925.4	14142.8	13941.2	13890.5	13829.3	13477.8	13305.7
62.5°	15002.1	15034.8	15173.1	15374.7	15573.1	15781.1	15875.0	15907.8	15780.0	15492.9	15134.0
65°	14747.7	14892.3	15026.3	15200.5	15404.2	15612.2	15810.6	15926.8	15897.2	15707.2	15312.4
67.5°	13591.8	13743.8	13940.1	14122.8	14342.3	14522.8	14740.3	14953.5	14959.8	14864.8	14590.4
70°	11905.0	12081.2	12283.9	12386.3	12623.8	12787.4	12967.9	13179.1	13247.7	13259.3	12939.4
72.5°	9678.7	9752.6	9851.8	9798.0	9845.5	9950.0	9901.4	9918.3	9657.6	9706.2	9311.4
75°	5894.4	5826.9	5527.1	5253.7	4920.1	4663.6	4724.8	4235.0	3752.6	3728.3	3380.0
77.5°	2989.4	2881.8	2696.0	2502.8	2219.9	1895.8	1625.6	1334.3	1088.3	947.9	813.9
80°	2546.1	2470.1	2367.7	2227.3	2021.5	1781.8	1500.0	1278.3	1072.5	858.2	687.2
82.5°	2436.3	2204.1	2055.2	1938.1	1715.3	1493.7	1339.5	1187.5	1041.9	909.9	721.0
85°	1208.7	1069.3	904.6	802.2	617.5	483.5	452.8	372.6	347.3	268.1	225.9
87.5°	406.4	332.5	248.1	209.0	166.8	136.2	134.1	119.3	118.2	107.7	99.2
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°	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5
2.5°	1748.1	1750.2	1750.2	1748.1	1749.1	1747.0	1748.1	1749.1	1745.9	1744.9	1741.7
5°	1791.3	1790.3	1790.3	1791.3	1794.5	1795.6	1790.3	1792.4	1793.4	1788.2	1776.6
7.5°	1863.1	1863.1	1866.3	1865.2	1871.6	1869.5	1868.4	1868.4	1868.4	1857.8	1838.8
10°	1960.2	1960.2	1963.4	1967.6	1968.7	1966.6	1966.6	1967.6	1972.9	1951.8	1922.2
12.5°	2069.0	2074.2	2073.2	2073.2	2085.8	2082.7	2078.5	2082.7	2088.0	2058.4	2016.2
15°	2190.4	2193.5	2195.6	2203.0	2200.9	2208.3	2210.4	2208.3	2213.6	2175.6	2104.8
17.5°	2300.1	2306.5	2308.6	2317.0	2317.0	2318.1	2326.5	2323.4	2324.4	2281.1	2179.8
20°	2390.9	2397.2	2400.4	2409.9	2412.0	2416.2	2419.4	2421.5	2426.8	2375.1	2241.0
22.5°	2481.7	2487.0	2492.3	2498.6	2507.0	2512.3	2516.5	2518.6	2528.1	2468.0	2299.1
25°	2583.0	2594.6	2599.9	2610.5	2618.9	2627.4	2633.7	2634.8	2650.6	2575.6	2346.6
27.5°	2718.1	2734.0	2742.4	2759.3	2767.8	2776.2	2774.1	2786.8	2808.9	2699.1	2383.5
30°	2895.5	2915.5	2920.8	2937.7	2951.4	2959.9	2969.4	2979.9	2994.7	2836.4	2401.5
32.5°	3142.5	3173.1	3180.5	3190.0	3210.1	3224.8	3231.2	3248.1	3252.3	2966.2	2396.2
35°	3481.3	3467.6	3503.5	3512.0	3540.5	3552.1	3559.5	3581.6	3564.7	3107.7	2361.4
37.5°	3787.5	3783.2	3818.1	3837.1	3874.0	3865.6	3883.5	3898.3	3838.1	3207.9	2297.0
40°	4161.1	4155.9	4204.4	4210.8	4267.8	4255.1	4262.5	4274.1	4140.0	3277.6	2179.8
42.5°	4682.6	4684.7	4736.4	4742.8	4750.2	4773.4	4735.4	4737.5	4460.9	3296.6	1986.6
45°	5369.8	5406.7	5375.1	5376.1	5374.0	5329.7	5282.2	5226.2	4794.5	3231.2	1737.5
47.5°	6035.9	6010.5	5970.4	5933.5	5902.9	5833.2	5763.5	5668.5	5082.7	3076.0	1459.9
50°	6605.9	6548.9	6513.0	6410.6	6337.8	6247.0	6149.9	6041.1	5319.1	2852.2	1200.2
52.5°	7135.8	7076.7	6942.6	6836.0	6731.5	6611.2	6498.2	6370.5	5528.1	2596.8	1001.8
55°	8016.2	7964.4	7830.4	7635.1	7506.3	7340.6	7191.7	7018.6	5951.4	2389.9	870.9
57.5°	10065.1	10020.7	9738.9	9615.4	9445.4	9029.5	8968.3	8698.1	7086.2	2365.6	793.8
60°	12950.0	12760.0	12525.6	12187.9	11789.9	11652.7	11346.5	10986.6	8912.4	2432.1	731.5
62.5°	14721.3	14288.5	13944.4	13554.8	13188.6	12874.0	12539.4	12183.6	9846.6	2344.5	654.5
65°	14854.3	14345.5	13890.5	13433.4	13021.8	12630.1	12305.0	11949.3	9542.5	2015.1	554.2
67.5°	14121.7	13585.5	13089.3	12571.0	12155.1	11801.5	11387.7	11045.7	8685.4	1568.6	461.3
70°	12611.1	12140.4	11712.8	11154.4	10809.3	10378.6	10115.7	9688.2	7570.7	1069.3	381.1
72.5°	9083.4	8728.7	8589.3	8199.8	7748.0	7494.7	7373.3	6958.5	5594.6	664.0	311.4
75°	3068.6	3156.2	2955.7	2648.5	2798.4	2567.2	2661.1	2463.7	2366.6	381.1	261.8
77.5°	680.9	639.7	591.1	548.9	545.7	513.0	543.6	514.1	550.0	242.8	231.2
80°	537.3	424.3	361.0	329.3	312.5	303.0	295.6	287.1	261.8	206.9	213.2
82.5°	580.6	438.1	320.9	256.5	219.6	205.8	202.7	194.2	192.1	200.6	215.3
85°	185.8	155.2	131.9	124.6	115.1	109.8	107.7	104.5	126.7	218.5	206.9
87.5°	97.1	85.5	76.0	72.8	63.3	59.1	58.1	59.1	88.7	218.5	149.9
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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CATALOG NUMBER: VTS-F07-LED-E1-SL2-7030

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5	1737.5
2.5°	1738.6	1737.5	1735.4	1734.3	1733.3	1728.0	1732.2
5°	1771.3	1760.7	1751.2	1739.6	1733.3	1728.0	1728.0
7.5°	1820.9	1791.3	1767.1	1740.7	1722.7	1709.0	1706.9
10°	1883.2	1826.2	1770.2	1722.7	1688.9	1663.6	1660.4
12.5°	1942.3	1855.7	1767.1	1688.9	1636.2	1600.3	1598.2
15°	1997.2	1871.6	1742.8	1627.7	1548.6	1501.1	1495.8
17.5°	2040.5	1862.1	1687.9	1542.2	1434.5	1378.6	1375.4
20°	2050.0	1824.1	1609.8	1436.7	1322.7	1263.5	1249.8
22.5°	2041.5	1755.4	1512.7	1320.5	1189.7	1130.5	1123.1
25°	2016.2	1672.1	1392.3	1185.4	1064.0	1003.9	989.1
27.5°	1970.8	1573.9	1262.5	1054.5	934.2	876.1	861.4
30°	1903.2	1455.7	1124.2	932.1	807.5	761.1	746.3
32.5°	1809.3	1312.1	988.0	806.5	703.0	666.1	659.7
35°	1679.4	1147.4	845.5	703.0	627.0	604.9	601.7
37.5°	1513.7	982.8	726.2	629.1	574.2	560.5	558.4
40°	1297.3	813.9	641.8	576.4	536.2	524.6	522.5
42.5°	1074.6	687.2	579.5	534.1	501.4	490.8	487.7
45°	879.3	601.7	533.1	499.3	468.7	457.1	456.0
47.5°	733.6	552.1	495.1	467.6	437.0	423.3	424.3
50°	627.0	506.7	463.4	440.2	405.3	392.7	393.7
52.5°	554.2	461.3	433.8	407.5	377.9	365.2	365.2
55°	497.2	424.3	405.3	376.8	353.6	342.0	341.0
57.5°	450.7	394.8	377.9	354.7	331.5	317.7	317.7
60°	422.2	373.7	360.0	338.8	311.4	296.6	295.6
62.5°	405.3	367.3	355.7	326.2	295.6	280.8	277.6
65°	392.7	382.1	367.3	318.8	282.9	267.1	263.9
67.5°	393.7	417.0	395.8	323.0	278.7	255.5	251.2
70°	400.1	444.4	415.9	332.5	296.6	250.2	240.7
72.5°	368.4	402.2	374.7	316.7	289.2	240.7	229.1
75°	307.2	293.5	269.2	257.6	259.7	218.5	214.3
77.5°	249.1	218.5	195.3	204.8	218.5	186.8	182.6
80°	216.4	177.3	165.7	181.6	198.5	159.4	148.8
82.5°	202.7	149.9	142.5	189.0	208.0	137.2	120.3
85°	178.4	122.4	111.9	222.7	208.0	103.4	96.1
87.5°	119.3	72.8	69.7	163.6	142.5	71.8	58.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)