

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: P158125

Luminaire Tested: **VTS-F05-LED-E1-SL2**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P158125
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-F05-LED-E1-SL2
Description: VENTUS LED SITE LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL
Light Source: (35) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

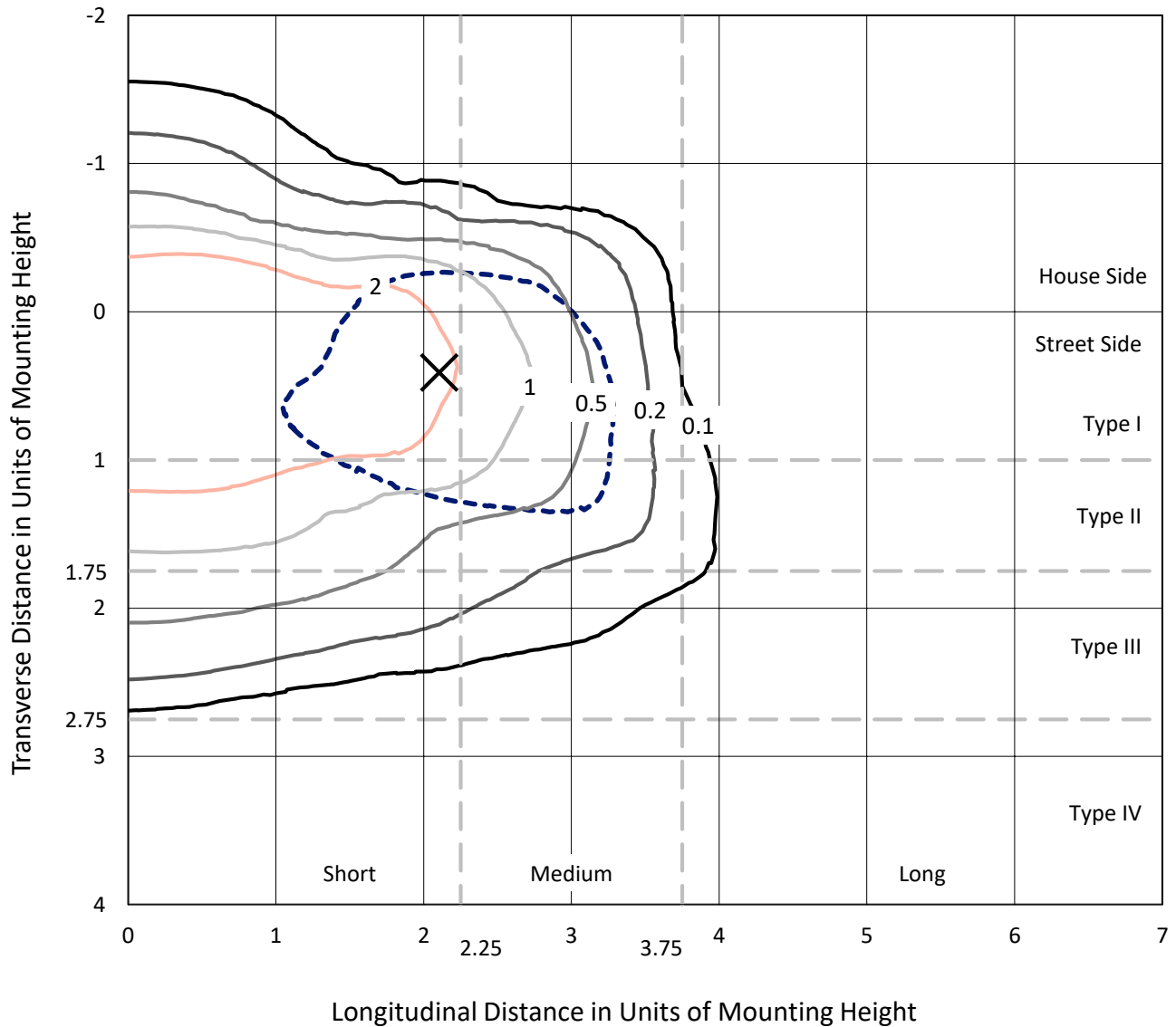
Lumens per Lamp: N/A
Luminaire Lumens: 12419.1 lumens
Efficiency: N/A
Efficacy: 93.2 lumens/watt
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B2 - U0 - G2

Input Watts (W): 133.3
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: P158125
 CATALOG NUMBER: VTS-F05-LED-E1-SL2

Iso-Footcandle Lines of Horizontal Illumination

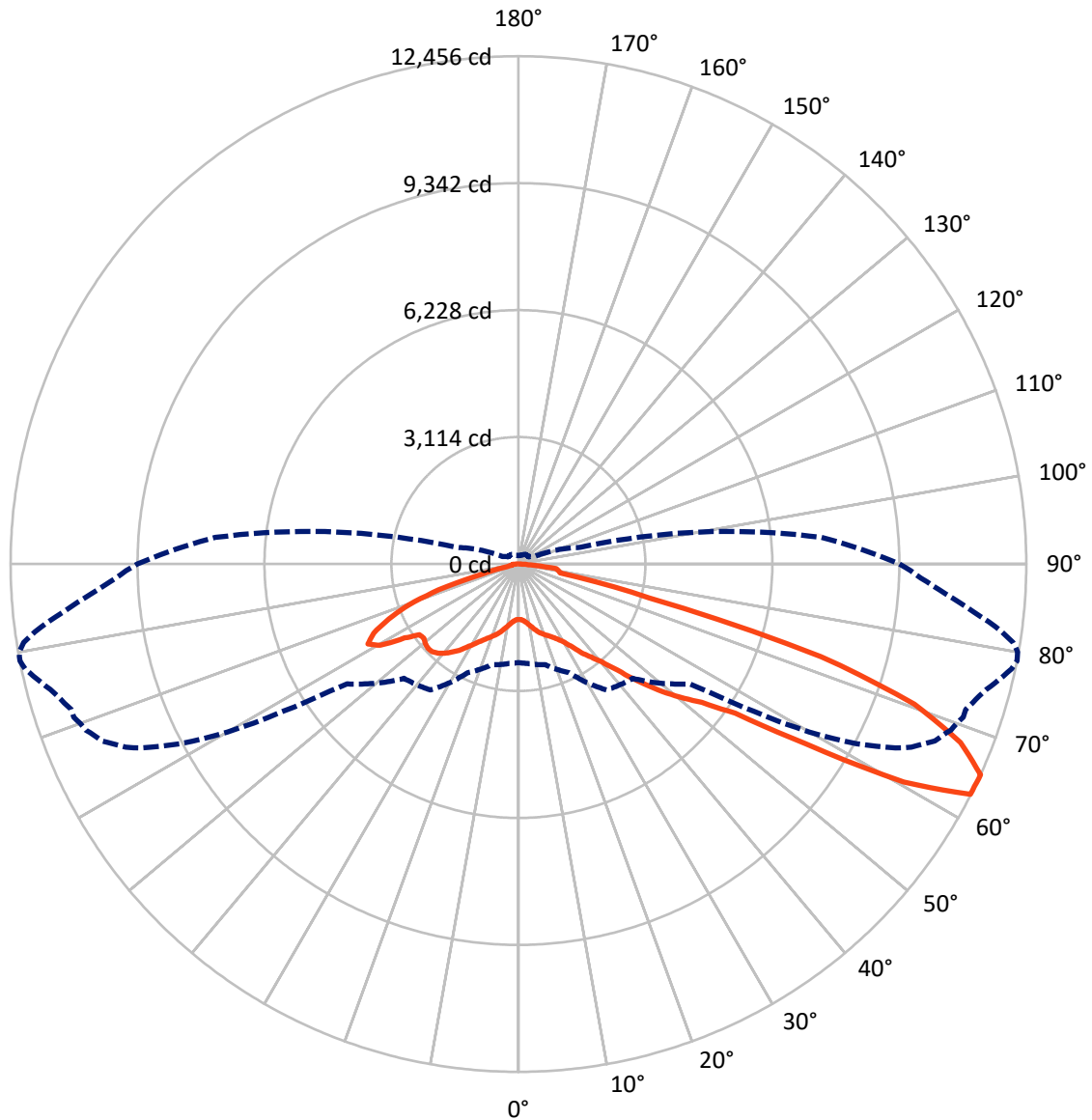
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.4 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P158125
CATALOG NUMBER: VTS-F05-LED-E1-SL2

Luminous Intensity Polar Plot



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

REPORT NUMBER: P158125

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2853.7	0.0	2853.7
	% Fixture	23.0	0.0	23.0
Street Side	Lumens	9565.4	0.0	9565.4
	% Fixture	77.0	0.0	77.0
Total	Lumens	12419.1	0.0	12419.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.4	1.1
10°-20°	436.6	3.5
20°-30°	752.7	6.1
30°-40°	1232.9	9.9
40°-50°	2064.7	16.6
50°-60°	2792.8	22.5
60°-70°	3439.4	27.7
70°-80°	1331.3	10.7
80°-90°	234.1	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°	12419.1	100.0
0°-180°	12419.1	100.0



REPORT NUMBER: P158125

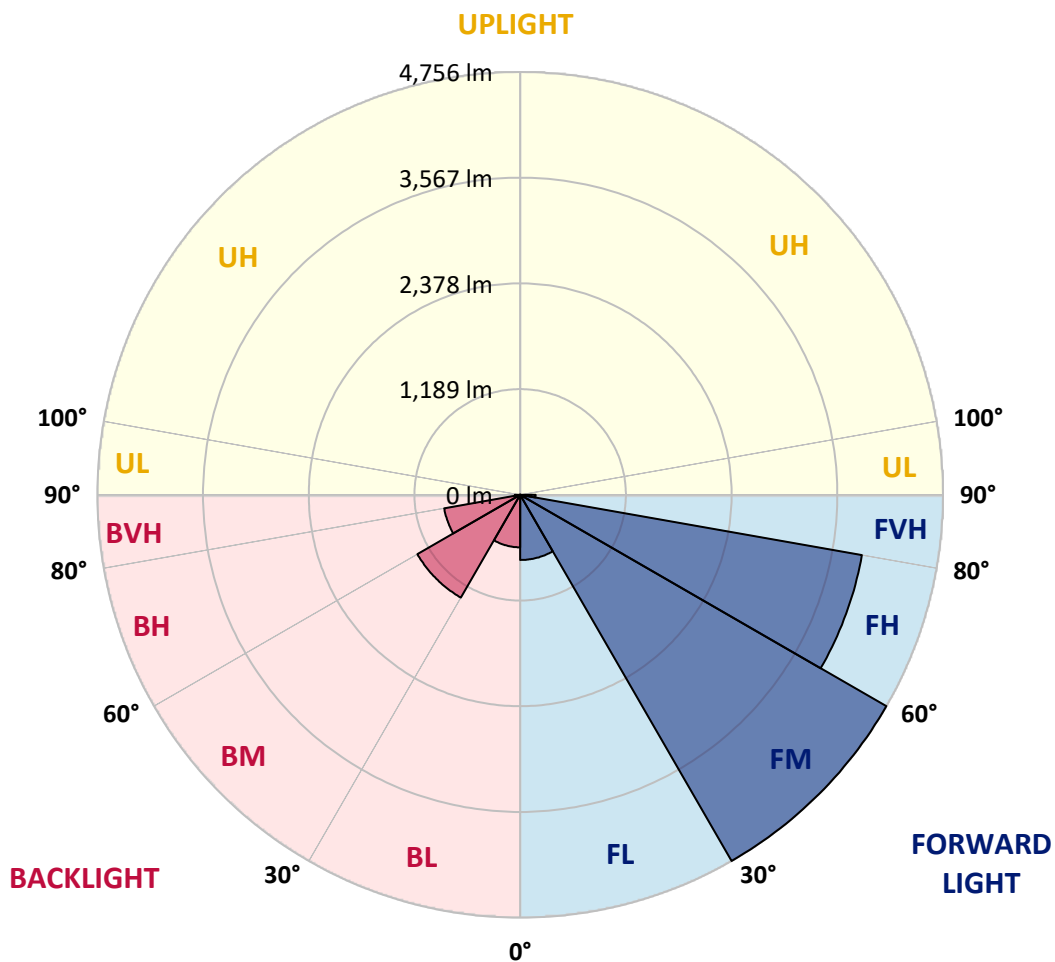
CATALOG NUMBER: VTS-F05-LED-E1-SL2

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	733.2	5.9			
FM (30°-60°)	4756.0	38.3			
FH (60°-80°)	3902.5	31.4			G2/5000
FVH (80°-90°)	173.7	1.4			G2/225
BL (0°-30°)	590.6	4.8	B2/1000		
BM (30°-60°)	1334.5	10.7	B2/2500		
BH (60°-80°)	868.2	7.0	B2/1000		G2/1000
BVH (80°-90°)	60.4	0.5			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type II Short





REPORT NUMBER: P158125

CATALOG NUMBER: VTS-F05-LED-E1-SL2

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8
2.5°	1361.3	1357.2	1361.3	1364.6	1367.1	1370.4	1369.5	1368.7	1367.9	1368.7	1368.7
5°	1372.8	1372.0	1376.2	1379.5	1385.2	1389.4	1394.3	1394.3	1394.3	1393.5	1395.1
7.5°	1410.0	1409.2	1413.3	1416.6	1421.6	1429.8	1436.4	1439.7	1438.9	1438.9	1438.9
10°	1471.1	1467.8	1467.8	1467.8	1474.4	1480.2	1495.0	1496.7	1500.0	1498.3	1499.2
12.5°	1530.5	1531.3	1528.9	1526.4	1527.2	1538.8	1560.2	1564.4	1565.2	1567.7	1569.3
15°	1584.2	1583.4	1577.6	1571.8	1579.2	1599.0	1627.1	1634.5	1634.5	1639.5	1642.8
17.5°	1633.7	1632.1	1621.3	1611.4	1618.9	1652.7	1696.5	1701.4	1708.8	1711.3	1714.6
20°	1692.3	1689.0	1676.6	1650.2	1650.2	1696.5	1754.2	1759.2	1765.8	1767.4	1773.2
22.5°	1774.1	1765.8	1739.4	1691.5	1678.3	1732.0	1802.9	1805.4	1810.4	1817.0	1821.9
25°	1866.5	1868.2	1825.2	1741.9	1713.0	1769.1	1850.0	1854.1	1863.2	1868.2	1873.9
27.5°	1962.3	1964.7	1916.9	1812.9	1764.1	1820.3	1913.6	1918.5	1929.3	1935.0	1944.1
30°	2071.2	2074.5	2028.3	1923.5	1849.2	1895.4	2007.7	2020.9	2030.0	2037.4	2052.3
32.5°	2332.9	2313.1	2280.9	2169.5	2052.3	2049.0	2159.6	2174.4	2186.8	2202.5	2216.5
35°	2662.3	2674.7	2691.2	2616.1	2512.9	2437.8	2446.9	2438.6	2450.2	2473.3	2487.3
37.5°	2923.2	2950.4	3022.2	3071.0	3066.8	3052.0	2913.3	2913.3	2920.7	2908.3	2906.7
40°	3127.9	3145.2	3292.2	3481.2	3640.6	3719.0	3609.2	3593.5	3601.8	3538.2	3540.7
42.5°	3233.6	3259.2	3470.5	3802.4	4118.5	4370.3	4336.5	4325.8	4301.0	4285.3	4275.4
45°	3287.2	3317.8	3569.6	4025.3	4485.9	4874.7	5049.7	5048.1	5025.8	5007.6	4999.4
47.5°	3260.0	3286.4	3554.7	4093.0	4679.1	5200.0	5587.2	5611.1	5604.5	5630.9	5641.6
50°	3081.7	3115.5	3384.7	3946.8	4598.2	5327.9	5959.5	6004.0	6064.3	6102.3	6152.6
52.5°	2920.7	2948.8	3191.5	3709.9	4332.4	5223.9	6184.0	6275.6	6358.2	6435.8	6496.1
55°	2752.3	2780.4	2993.4	3463.9	4064.1	4916.8	6286.4	6420.1	6548.9	6680.1	6800.7
57.5°	2688.7	2718.5	2877.0	3273.2	3844.5	4612.2	6336.7	6556.3	6766.0	6988.9	7220.0
60°	2853.8	2880.3	3000.8	3278.2	3676.9	4307.6	6235.2	6580.3	6941.0	7308.4	7663.3
62.5°	2803.5	2817.5	2967.8	3397.9	3890.7	4007.1	5795.2	6250.9	6775.1	7313.3	7857.3
65°	2418.8	2446.0	2559.1	2937.2	3771.0	3966.6	5124.9	5583.0	6201.3	6837.8	7566.8
67.5°	1735.3	1697.3	1784.8	2115.8	2925.7	3960.0	4370.3	4709.6	5194.2	5682.1	6279.8
70°	788.4	770.2	838.7	1100.4	1765.0	3129.6	3695.0	3809.8	3989.8	4318.3	4722.0
72.5°	311.2	310.4	355.0	454.9	834.6	2014.3	3107.3	3173.3	3236.9	3379.7	3553.9
75°	203.9	203.9	217.1	245.2	411.1	972.5	2628.5	2688.7	2786.1	2826.6	2900.9
77.5°	153.5	154.4	160.2	166.8	227.0	511.8	1855.0	2068.8	2233.9	2356.9	2446.9
80°	109.0	113.9	124.7	128.8	147.8	291.4	1048.4	1202.8	1389.4	1588.3	1838.4
82.5°	81.7	87.5	105.7	110.6	117.2	165.9	473.0	536.6	626.6	812.3	1168.1
85°	38.0	42.1	72.6	79.3	85.0	95.8	240.2	268.3	304.6	333.5	388.8
87.5°	5.8	4.1	12.4	17.3	27.2	28.1	82.6	98.2	106.5	128.0	132.9
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: P158125
 CATALOG NUMBER: VTS-F05-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8
2.5°	1368.7	1369.5	1370.4	1368.7	1369.5	1369.5	1367.9	1367.1	1367.1	1367.1	1367.9
5°	1395.1	1396.8	1395.1	1396.0	1399.3	1398.4	1396.8	1396.0	1399.3	1400.1	1397.6
7.5°	1442.2	1443.0	1439.7	1443.8	1445.5	1446.3	1446.3	1448.0	1448.0	1450.4	1448.0
10°	1502.5	1502.5	1508.2	1507.4	1508.2	1509.9	1510.7	1514.0	1516.5	1516.5	1518.1
12.5°	1571.8	1572.6	1578.4	1579.2	1582.5	1583.4	1588.3	1585.0	1593.3	1593.3	1595.7
15°	1643.6	1649.4	1650.2	1658.5	1660.1	1661.0	1667.6	1667.6	1673.3	1674.2	1675.8
17.5°	1714.6	1719.6	1722.9	1729.5	1735.3	1737.7	1740.2	1745.2	1749.3	1750.9	1755.1
20°	1775.7	1780.7	1784.0	1790.6	1795.5	1799.6	1802.1	1807.9	1812.0	1813.7	1819.5
22.5°	1826.9	1830.2	1836.0	1845.0	1846.7	1851.7	1859.1	1863.2	1864.9	1869.8	1876.4
25°	1881.4	1886.3	1889.6	1897.9	1904.5	1912.7	1919.3	1925.9	1927.6	1934.2	1940.0
27.5°	1954.0	1959.0	1959.8	1976.3	1982.9	1994.5	2001.9	2011.8	2016.8	2022.5	2034.1
30°	2061.3	2072.9	2077.8	2096.8	2100.1	2113.3	2126.6	2129.9	2137.3	2138.1	2157.1
32.5°	2225.6	2242.1	2248.7	2268.5	2273.5	2285.9	2293.3	2310.6	2311.5	2319.7	2323.9
35°	2494.7	2490.6	2516.2	2521.2	2536.0	2546.7	2554.2	2554.2	2569.9	2570.7	2575.6
37.5°	2862.1	2853.8	2860.4	2830.7	2838.2	2824.9	2822.5	2825.8	2819.2	2820.8	2820.0
40°	3449.9	3412.7	3373.9	3282.3	3262.5	3224.5	3194.8	3170.8	3147.7	3123.0	3106.5
42.5°	4187.1	4133.4	4075.6	3928.7	3860.2	3786.7	3714.9	3673.6	3591.0	3540.7	3513.4
45°	4959.8	4897.0	4816.1	4693.9	4596.5	4518.1	4386.8	4324.9	4197.0	4133.4	4047.5
47.5°	5592.9	5593.8	5528.5	5404.7	5300.7	5248.7	5167.0	5047.3	4902.0	4820.2	4667.5
50°	6146.9	6146.0	6141.9	6067.6	5995.0	5938.0	5866.2	5758.0	5639.2	5546.7	5371.7
52.5°	6556.3	6610.8	6633.9	6633.1	6624.0	6597.6	6543.1	6449.8	6329.3	6277.3	6137.8
55°	6894.8	7013.7	7075.6	7211.0	7223.3	7267.1	7219.2	7220.0	7149.0	7154.0	7109.4
57.5°	7407.4	7624.5	7749.2	8048.9	8199.1	8380.7	8348.5	8500.4	8555.7	8625.9	8719.2
60°	7989.4	8394.8	8690.3	9286.3	9529.0	9822.9	9984.7	10157.3	10282.7	10411.5	10506.5
62.5°	8405.5	8938.0	9423.4	10272.8	10588.2	10897.8	11101.7	11310.5	11451.7	11544.1	11612.7
65°	8235.4	8824.0	9397.8	10288.5	10631.9	10856.5	11099.2	11219.7	11360.9	11437.6	11535.9
67.5°	6998.0	7588.2	8203.2	9254.1	9613.2	9923.6	10112.7	10268.7	10382.6	10480.0	10593.1
70°	5204.1	5849.7	6485.3	7637.8	8091.0	8539.2	8762.1	8955.3	9074.2	9172.4	9297.1
72.5°	3745.4	4149.9	4547.0	5837.3	6290.5	6870.0	7101.2	7315.8	7470.2	7465.2	7597.3
75°	2981.8	3146.1	3322.7	3988.9	4314.2	4802.9	4932.5	5053.0	4980.4	4840.9	4832.6
77.5°	2482.4	2550.0	2609.5	2818.3	2866.2	2982.6	2918.2	2851.4	2635.9	2454.3	2358.5
80°	2015.1	2148.8	2236.3	2384.9	2446.0	2480.7	2489.8	2466.7	2387.4	2277.6	2102.6
82.5°	1498.3	1752.6	1925.9	2218.2	2325.5	2347.8	2390.7	2364.3	2312.3	2223.1	2097.7
85°	439.2	497.0	569.6	772.7	905.6	1018.7	1134.3	1191.2	1226.7	1177.2	1047.6
87.5°	154.4	174.2	194.8	268.3	285.6	345.1	338.5	399.6	402.0	419.4	401.2
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: P158125

CATALOG NUMBER: VTS-F05-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8
2.5°	1367.1	1367.1	1367.1	1367.9	1367.9	1367.9	1366.2	1365.4	1366.2	1367.9	1367.9
5°	1399.3	1400.1	1401.7	1398.4	1399.3	1401.7	1400.1	1399.3	1400.1	1401.7	1400.1
7.5°	1451.3	1452.1	1450.4	1453.7	1453.7	1455.4	1457.9	1455.4	1456.2	1457.1	1457.9
10°	1519.0	1519.8	1521.4	1523.9	1524.7	1526.4	1528.0	1530.5	1530.5	1528.9	1533.0
12.5°	1599.9	1599.0	1600.7	1604.0	1605.6	1608.1	1613.1	1613.1	1616.4	1615.6	1619.7
15°	1679.1	1683.2	1684.1	1689.8	1692.3	1696.5	1702.2	1705.5	1705.5	1710.5	1712.1
17.5°	1758.4	1761.7	1765.0	1769.9	1773.2	1775.7	1782.3	1786.4	1785.6	1794.7	1794.7
20°	1819.5	1826.1	1830.2	1833.5	1839.3	1843.4	1848.4	1853.3	1856.6	1862.4	1864.0
22.5°	1878.9	1883.0	1888.8	1892.9	1899.5	1904.5	1910.3	1914.4	1920.2	1927.6	1930.1
25°	1944.9	1951.5	1958.1	1963.9	1968.9	1974.7	1984.6	1993.6	2001.9	2008.5	2011.0
27.5°	2036.6	2044.0	2053.9	2058.0	2065.5	2070.4	2085.3	2096.8	2101.0	2112.5	2115.8
30°	2160.4	2168.7	2178.6	2183.5	2196.7	2203.3	2219.0	2231.4	2235.5	2249.6	2252.0
32.5°	2339.5	2344.5	2364.3	2363.5	2381.6	2400.6	2409.7	2419.6	2437.8	2445.2	2447.7
35°	2588.0	2599.6	2613.6	2612.8	2635.9	2646.6	2664.8	2675.5	2688.7	2687.9	2701.9
37.5°	2828.2	2832.4	2837.3	2848.1	2864.6	2879.4	2886.0	2896.8	2906.7	2921.5	2939.7
40°	3089.9	3099.8	3100.7	3106.5	3114.7	3133.7	3146.1	3157.6	3191.5	3212.9	3223.7
42.5°	3482.1	3479.6	3463.1	3473.8	3478.8	3507.7	3516.7	3552.2	3590.2	3635.6	3648.0
45°	3986.5	3953.4	3943.5	3939.4	3965.8	3980.7	4017.8	4083.9	4123.5	4166.4	4187.1
47.5°	4607.3	4504.1	4455.4	4444.6	4471.9	4535.4	4547.8	4613.0	4665.0	4696.4	4717.0
50°	5228.9	5148.0	5045.6	5010.9	5003.5	5062.1	5076.2	5130.6	5183.5	5192.6	5181.8
52.5°	6009.8	5877.7	5708.5	5647.4	5598.7	5602.8	5614.4	5637.5	5671.4	5657.3	5628.4
55°	7008.7	6858.5	6775.1	6659.5	6586.0	6572.8	6522.5	6453.1	6450.7	6459.7	6373.1
57.5°	8672.1	8609.4	8644.9	8632.5	8559.9	8603.6	8376.6	8312.2	8261.0	8171.9	8091.8
60°	10590.7	10655.1	10728.5	10897.8	10890.3	11060.4	10902.7	10863.1	10815.2	10540.3	10405.7
62.5°	11732.4	11758.0	11866.1	12023.8	12179.0	12341.6	12415.1	12440.7	12340.8	12116.2	11835.6
65°	11533.4	11646.5	11751.3	11887.6	12046.9	12209.5	12364.7	12455.5	12432.4	12283.8	11975.1
67.5°	10629.5	10748.3	10901.9	11044.7	11216.4	11357.6	11527.6	11694.4	11699.3	11625.0	11410.4
70°	9310.3	9448.1	9606.6	9686.7	9872.5	10000.4	10141.6	10306.7	10360.3	10369.4	10119.3
72.5°	7569.2	7627.0	7704.6	7662.5	7699.7	7781.4	7743.4	7756.6	7552.7	7590.7	7282.0
75°	4609.7	4556.9	4322.4	4108.6	3847.8	3647.2	3695.0	3312.0	2934.7	2915.8	2643.3
77.5°	2337.9	2253.7	2108.4	1957.3	1736.1	1482.6	1271.3	1043.5	851.1	741.3	636.5
80°	1991.2	1931.7	1851.7	1741.9	1580.9	1393.5	1173.1	999.7	838.7	671.2	537.4
82.5°	1905.3	1723.7	1607.3	1515.7	1341.5	1168.1	1047.6	928.7	814.8	711.6	563.8
85°	945.2	836.3	707.5	627.4	482.9	378.1	354.2	291.4	271.6	209.7	176.7
87.5°	317.8	260.0	194.0	163.5	130.4	106.5	104.8	93.3	92.5	84.2	77.6
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: P158125

CATALOG NUMBER: VTS-F05-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8
2.5°	1367.1	1368.7	1368.7	1367.1	1367.9	1366.2	1367.1	1367.9	1365.4	1364.6	1362.1
5°	1400.9	1400.1	1400.1	1400.9	1403.4	1404.2	1400.1	1401.7	1402.6	1398.4	1389.4
7.5°	1457.1	1457.1	1459.5	1458.7	1463.7	1462.0	1461.2	1461.2	1461.2	1452.9	1438.1
10°	1533.0	1533.0	1535.5	1538.8	1539.6	1538.0	1538.0	1538.8	1542.9	1526.4	1503.3
12.5°	1618.0	1622.2	1621.3	1621.3	1631.2	1628.8	1625.5	1628.8	1632.9	1609.8	1576.8
15°	1713.0	1715.4	1717.1	1722.9	1721.2	1727.0	1728.6	1727.0	1731.1	1701.4	1646.1
17.5°	1798.8	1803.8	1805.4	1812.0	1812.0	1812.9	1819.5	1817.0	1817.8	1784.0	1704.7
20°	1869.8	1874.8	1877.2	1884.7	1886.3	1889.6	1892.1	1893.8	1897.9	1857.4	1752.6
22.5°	1940.8	1944.9	1949.1	1954.0	1960.6	1964.7	1968.1	1969.7	1977.1	1930.1	1798.0
25°	2020.1	2029.1	2033.3	2041.5	2048.1	2054.7	2059.7	2060.5	2072.9	2014.3	1835.1
27.5°	2125.7	2138.1	2144.7	2157.9	2164.5	2171.1	2169.5	2179.4	2196.7	2110.9	1864.0
30°	2264.4	2280.1	2284.2	2297.4	2308.2	2314.8	2322.2	2330.5	2342.0	2218.2	1878.1
32.5°	2457.6	2481.5	2487.3	2494.7	2510.4	2522.0	2526.9	2540.1	2543.4	2319.7	1873.9
35°	2722.6	2711.8	2739.9	2746.5	2768.8	2777.9	2783.7	2801.0	2787.8	2430.3	1846.7
37.5°	2962.0	2958.7	2985.9	3000.8	3029.7	3023.1	3037.1	3048.7	3001.6	2508.8	1796.3
40°	3254.2	3250.1	3288.1	3293.0	3337.6	3327.7	3333.5	3342.6	3237.7	2563.3	1704.7
42.5°	3662.0	3663.7	3704.1	3709.1	3714.9	3733.0	3703.3	3705.0	3488.7	2578.1	1553.6
45°	4199.4	4228.3	4203.6	4204.4	4202.7	4168.1	4130.9	4087.2	3749.5	2526.9	1358.8
47.5°	4720.4	4700.5	4669.2	4640.3	4616.3	4561.9	4507.4	4433.1	3974.9	2405.6	1141.7
50°	5166.1	5121.6	5093.5	5013.4	4956.5	4885.5	4809.5	4724.5	4159.8	2230.6	938.6
52.5°	5580.5	5534.3	5429.5	5346.1	5264.4	5170.3	5081.9	4982.0	4323.3	2030.8	783.4
55°	6269.0	6228.6	6123.7	5971.0	5870.3	5740.7	5624.3	5488.9	4654.3	1869.0	681.1
57.5°	7871.4	7836.7	7616.3	7519.7	7386.8	7061.5	7013.7	6802.3	5541.7	1850.0	620.8
60°	10127.5	9978.9	9795.7	9531.5	9220.3	9113.0	8873.6	8592.1	6969.9	1902.0	572.1
62.5°	11512.8	11174.3	10905.2	10600.6	10314.1	10068.1	9806.4	9528.2	7700.5	1833.5	511.8
65°	11616.8	11218.9	10863.1	10505.6	10183.7	9877.4	9623.1	9344.9	7462.7	1575.9	433.4
67.5°	11043.9	10624.5	10236.5	9831.2	9505.9	9229.4	8905.8	8638.3	6792.4	1226.7	360.8
70°	9862.5	9494.4	9160.0	8723.3	8453.4	8116.6	7911.0	7576.7	5920.7	836.3	298.0
72.5°	7103.6	6826.3	6717.3	6412.7	6059.4	5861.2	5766.3	5441.9	4375.3	519.3	243.5
75°	2399.8	2468.3	2311.5	2071.2	2188.5	2007.7	2081.1	1926.8	1850.8	298.0	204.7
77.5°	532.5	500.3	462.3	429.3	426.8	401.2	425.1	402.0	430.1	189.9	180.8
80°	420.2	331.9	282.3	257.6	244.4	236.9	231.1	224.5	204.7	161.8	166.8
82.5°	454.0	342.6	251.0	200.6	171.7	161.0	158.5	151.9	150.2	156.8	168.4
85°	145.3	121.4	103.2	97.4	90.0	85.9	84.2	81.7	99.1	170.9	161.8
87.5°	75.9	66.9	59.4	57.0	49.5	46.2	45.4	46.2	69.3	170.9	117.2
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: P158125

CATALOG NUMBER: VTS-F05-LED-E1-SL2

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8	1358.8
2.5°	1359.6	1358.8	1357.2	1356.3	1355.5	1351.4	1354.7
5°	1385.2	1377.0	1369.5	1360.5	1355.5	1351.4	1351.4
7.5°	1424.0	1400.9	1381.9	1361.3	1347.3	1336.5	1334.9
10°	1472.7	1428.2	1384.4	1347.3	1320.8	1301.0	1298.6
12.5°	1519.0	1451.3	1381.9	1320.8	1279.6	1251.5	1249.8
15°	1561.9	1463.7	1362.9	1273.0	1211.0	1173.9	1169.8
17.5°	1595.7	1456.2	1320.0	1206.1	1121.9	1078.1	1075.7
20°	1603.2	1426.5	1258.9	1123.5	1034.4	988.2	977.4
22.5°	1596.6	1372.8	1183.0	1032.7	930.4	884.1	878.4
25°	1576.8	1307.6	1088.9	927.1	832.1	785.1	773.5
27.5°	1541.3	1230.9	987.3	824.7	730.6	685.2	673.6
30°	1488.4	1138.4	879.2	728.9	631.5	595.2	583.6
32.5°	1414.9	1026.1	772.7	630.7	549.8	520.9	516.0
35°	1313.4	897.3	661.2	549.8	490.4	473.0	470.5
37.5°	1183.8	768.6	568.0	492.0	449.1	438.4	436.7
40°	1014.6	636.5	501.9	450.7	419.4	410.3	408.6
42.5°	840.4	537.4	453.2	417.7	392.1	383.9	381.4
45°	687.7	470.5	416.9	390.5	366.5	357.5	356.6
47.5°	573.7	431.7	387.2	365.7	341.8	331.0	331.9
50°	490.4	396.3	362.4	344.2	317.0	307.1	307.9
52.5°	433.4	360.8	339.3	318.7	295.5	285.6	285.6
55°	388.8	331.9	317.0	294.7	276.6	267.5	266.6
57.5°	352.5	308.7	295.5	277.4	259.2	248.5	248.5
60°	330.2	292.2	281.5	265.0	243.5	232.0	231.1
62.5°	317.0	287.3	278.2	255.1	231.1	219.6	217.1
65°	307.1	298.8	287.3	249.3	221.2	208.9	206.4
67.5°	307.9	326.1	309.6	252.6	217.9	199.8	196.5
70°	312.9	347.5	325.3	260.0	232.0	195.6	188.2
72.5°	288.1	314.5	293.1	247.7	226.2	188.2	179.1
75°	240.2	229.5	210.5	201.4	203.1	170.9	167.6
77.5°	194.8	170.9	152.7	160.2	170.9	146.1	142.8
80°	169.2	138.7	129.6	142.0	155.2	124.7	116.4
82.5°	158.5	117.2	111.4	147.8	162.6	107.3	94.1
85°	139.5	95.8	87.5	174.2	162.6	80.9	75.1
87.5°	93.3	57.0	54.5	128.0	111.4	56.1	45.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)