

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: P164985

Luminaire Tested: **VTS-E10-LED-E1-SL2-HSS-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P164985  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33726)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: VTS-E10-LED-E1-SL2-HSS-8030  
Description: VENTUS LED SITE LUMINAIRE  
(10) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD  
Light Source: (210) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

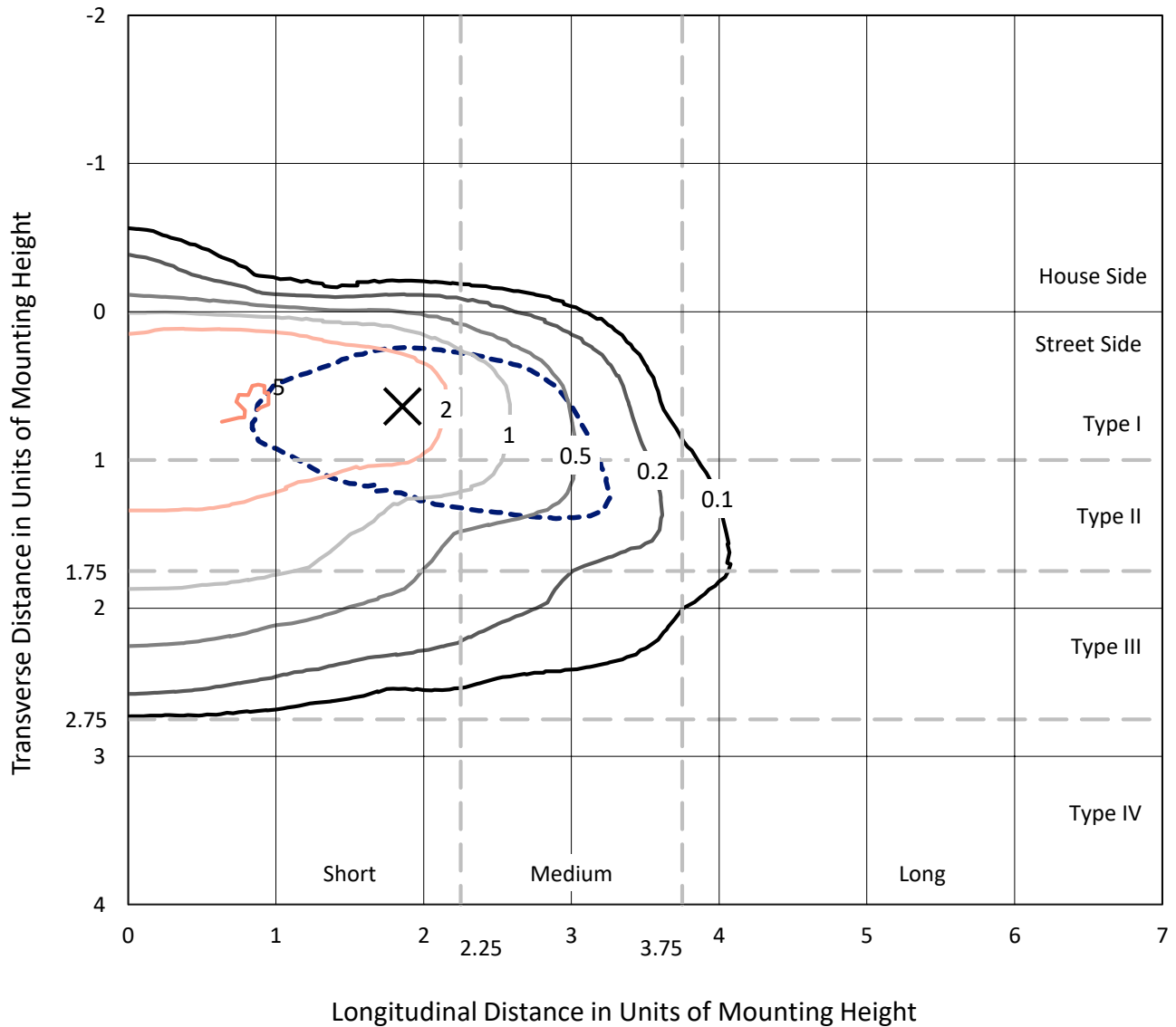
Lumens per Lamp: N/A  
Luminaire Lumens: 15290.3 lumens  
Efficiency: N/A  
Efficacy: 61.7 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 1.67' x L: 1' x H: 0.1')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G3  
  
Input Watts (W): 247.7  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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

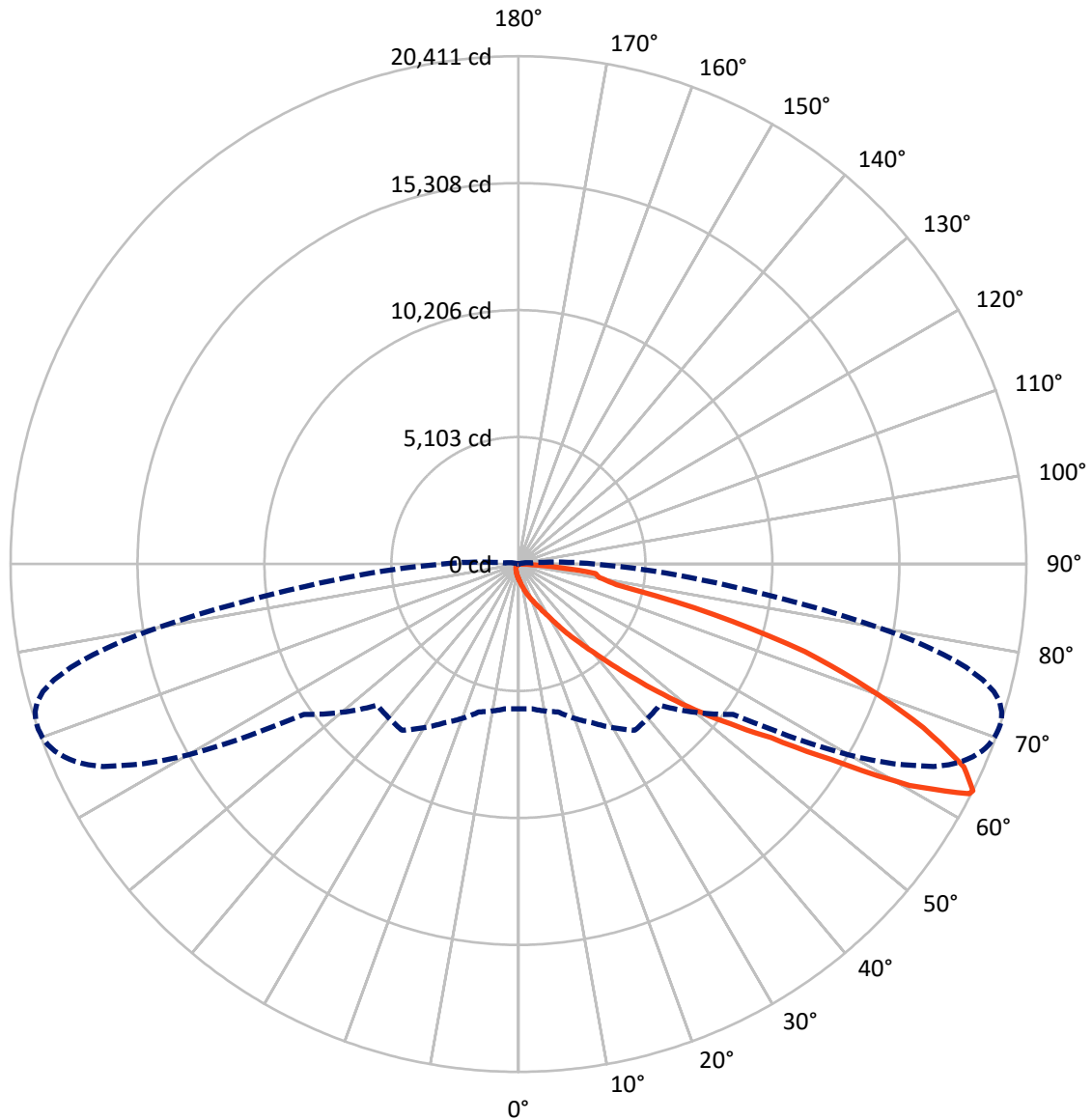


Based on 25 foot mounting height. Maximum calculated value = 5.1 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral    - - - Horizontal Cone Through 63-Deg Vertical

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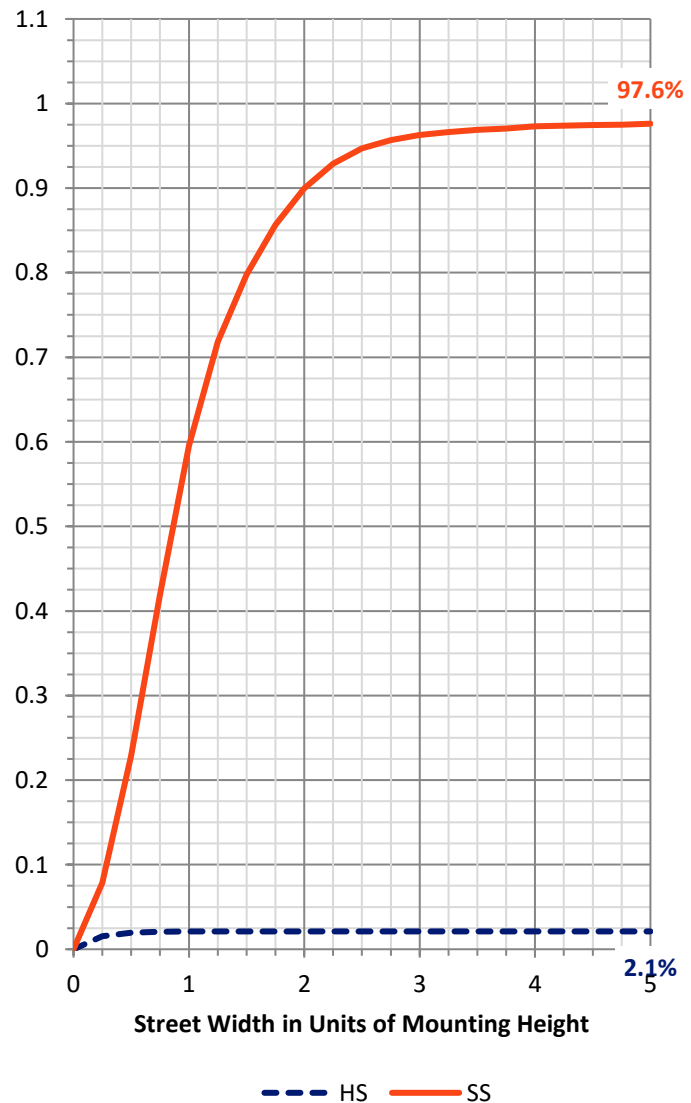
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	324.6	0.0	324.6
	% Fixture	2.1	0.0	2.1
<b>Street Side</b>	Lumens	14965.6	0.0	14965.6
	% Fixture	97.9	0.0	97.9
<b>Total</b>	Lumens	15290.3	0.0	15290.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	64.8	0.4
10°-20°	251.4	1.6
20°-30°	510.7	3.3
30°-40°	1247.6	8.2
40°-50°	2790.2	18.2
50°-60°	3923.3	25.7
60°-70°	4613.5	30.2
70°-80°	1665.9	10.9
80°-90°	222.8	1.5
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°	15290.3	100.0
0°-180°	15290.3	100.0



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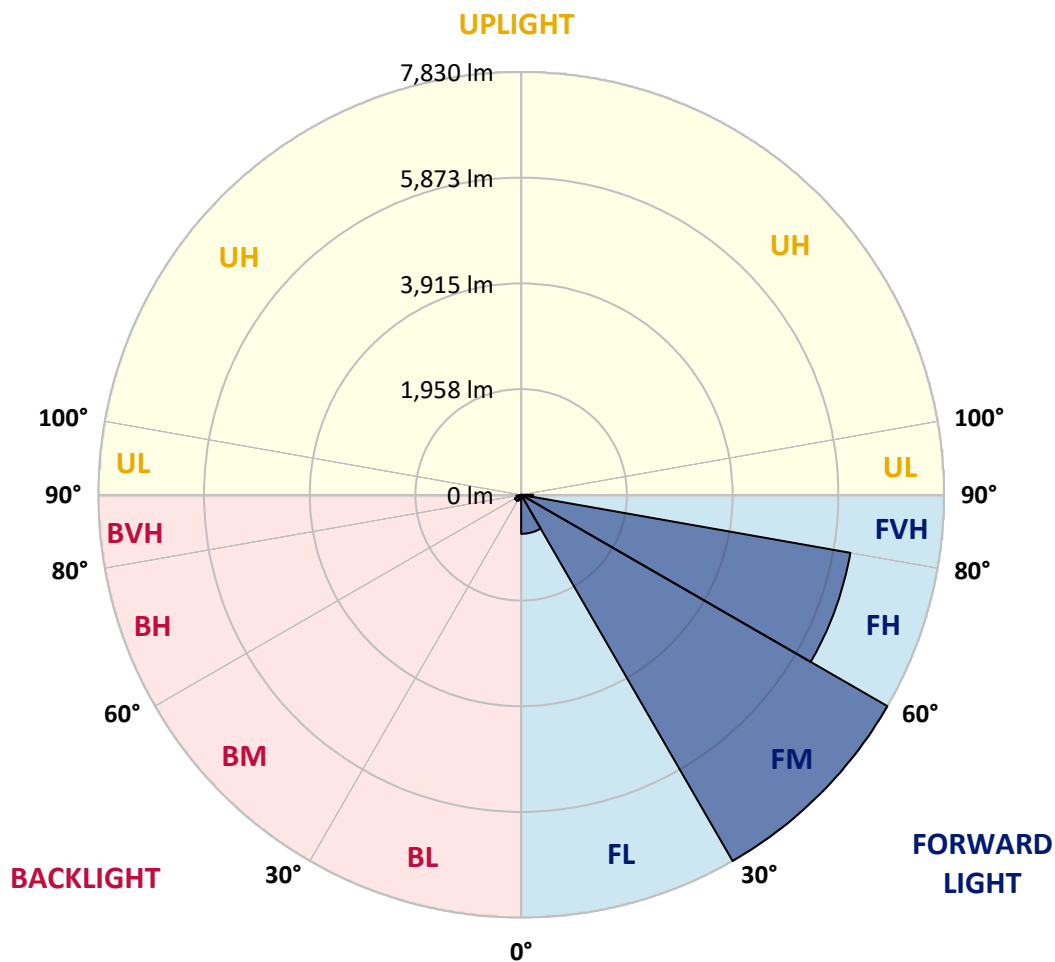
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	722.5	4.7			
FM (30°-60°)	7830.4	51.2			
FH (60°-80°)	6190.4	40.5			G3/7500
FVH (80°-90°)	222.3	1.5			G2/225
BL (0°-30°)	104.4	0.7	B0/110		
BM (30°-60°)	130.8	0.9	B0/220		
BH (60°-80°)	89.0	0.6	B0/110		G0/110
BVH (80°-90°)	0.5	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B0-U0-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6
2.5°	767.2	775.5	769.9	756.0	739.3	717.2	697.6	697.6	694.9	686.5	689.4
5°	1006.2	1009.1	997.9	964.5	934.0	886.7	833.9	828.3	822.7	814.5	811.8
7.5°	1239.8	1250.8	1239.8	1203.5	1142.4	1070.2	986.8	978.5	961.8	961.8	950.7
10°	1478.8	1478.8	1467.7	1426.0	1370.3	1267.5	1161.8	1148.0	1128.6	1123.0	1106.3
12.5°	1648.3	1648.3	1642.7	1620.6	1576.1	1484.4	1356.5	1342.6	1317.6	1309.2	1289.8
15°	1715.0	1715.0	1717.9	1737.3	1740.1	1698.4	1564.9	1553.8	1528.8	1506.5	1498.3
17.5°	1756.7	1754.0	1754.0	1781.8	1831.8	1859.6	1773.4	1762.3	1734.6	1723.4	1695.6
20°	1848.5	1842.9	1826.2	1826.2	1873.5	1970.7	1970.7	1968.0	1937.5	1929.0	1915.2
22.5°	1984.7	1979.2	1929.0	1887.3	1909.6	2032.0	2145.9	2140.4	2129.2	2118.1	2109.8
25°	2207.0	2187.6	2101.4	1979.2	1959.7	2090.4	2279.3	2293.3	2301.6	2301.6	2307.1
27.5°	2543.5	2518.5	2365.5	2137.7	2051.4	2184.8	2426.6	2454.5	2479.5	2485.0	2510.0
30°	3010.3	2966.0	2746.3	2412.8	2215.5	2323.8	2643.5	2674.1	2710.2	2721.4	2760.2
32.5°	3777.5	3752.6	3541.4	3040.9	2618.4	2596.3	2946.5	2985.4	3032.6	3052.0	3099.3
35°	4945.1	4950.7	4778.3	4328.0	3744.3	3438.4	3488.6	3521.8	3538.5	3596.9	3621.9
37.5°	5737.3	5751.1	5790.1	5612.2	5195.3	4883.8	4491.9	4528.2	4441.9	4450.2	4453.1
40°	6170.9	6215.3	6443.4	6615.7	6582.3	6401.7	6087.5	6106.9	5945.7	5909.6	5734.4
42.5°	6459.9	6518.3	6882.6	7416.1	7688.6	7852.7	7780.4	7772.0	7646.9	7599.6	7452.3
45°	6640.7	6693.5	7152.1	7938.7	8567.0	9045.1	9242.4	9264.7	9159.0	9111.7	8989.5
47.5°	6632.2	6693.5	7185.4	8133.4	9059.1	9823.4	10379.4	10407.1	10471.1	10429.4	10437.6
50°	6265.5	6323.9	6818.6	7802.5	8914.4	10179.2	11196.6	11285.5	11388.3	11457.9	11491.3
52.5°	5820.7	5862.4	6301.6	7235.5	8297.3	10031.8	11680.2	11833.1	11986.0	12116.7	12208.3
55°	5656.6	5703.9	6048.5	6824.2	7802.5	9414.7	11905.3	12130.5	12347.4	12561.5	12736.5
57.5°	5742.9	5787.2	6034.7	6629.5	7508.0	8764.3	11969.3	12319.6	12675.4	13022.8	13367.5
60°	6059.7	6106.9	6318.3	6810.2	7430.2	8389.1	11719.2	12300.2	12892.1	13498.1	14068.0
62.5°	5934.6	5954.0	6265.5	7127.2	7986.0	8069.4	10810.2	11621.9	12525.3	13459.3	14379.2
63°	5815.1	5837.4	6154.2	7040.9	8155.7	8022.1	10529.5	11385.6	12339.0	13345.2	14346.0
65°	5273.1	5275.8	5517.7	6218.2	7966.6	8105.5	9278.7	10095.8	11191.0	12397.4	13662.2
67.5°	3936.0	3916.6	4150.1	4683.8	6254.3	8108.4	7963.7	8422.5	9184.1	10254.3	11388.3
70°	1395.5	1364.9	1742.8	2482.2	3897.0	6632.2	6843.6	6874.1	7085.5	7663.6	8375.3
72.5°	453.1	461.5	555.9	909.0	1795.7	4464.2	6195.9	6101.4	6045.8	6043.0	6137.5
75°	180.6	183.5	222.3	403.1	806.2	2151.5	5426.0	5478.7	5498.3	5525.9	5556.7
77.5°	86.1	94.5	125.1	225.2	400.2	1064.6	3883.2	4330.7	4586.4	4783.9	4903.4
80°	30.6	36.1	69.5	138.9	186.2	489.2	2045.8	2468.3	2843.6	3327.3	3744.3
82.5°	0.0	0.0	13.8	97.2	102.8	197.3	839.4	983.9	1125.7	1459.3	1873.5
85°	0.0	0.0	0.0	27.9	30.6	33.4	283.6	342.0	383.7	447.5	517.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.7	8.3	16.7	41.7	64.0
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°	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6
2.5°	683.8	681.1	681.1	675.5	672.7	667.1	664.4	655.9	653.2	653.2	653.2
5°	808.9	797.7	792.2	778.3	769.9	767.2	753.3	747.8	739.3	742.2	728.2
7.5°	947.8	928.4	920.1	900.5	895.1	875.6	870.0	856.1	847.9	831.2	825.6
10°	1100.7	1075.8	1061.9	1031.2	1022.9	1009.1	992.4	975.7	961.8	945.1	936.8
12.5°	1275.9	1253.7	1242.5	1200.8	1181.4	1161.8	1139.7	1117.4	1095.2	1081.3	1061.9
15°	1481.5	1445.4	1434.3	1395.5	1362.0	1337.1	1306.5	1278.6	1261.9	1234.3	1214.7
17.5°	1684.4	1648.3	1640.0	1581.6	1545.5	1528.8	1495.6	1459.3	1428.7	1401.0	1370.3
20°	1887.3	1862.4	1840.1	1784.5	1745.7	1717.9	1673.3	1637.2	1612.2	1573.4	1534.4
22.5°	2090.4	2065.2	2048.7	1990.3	1954.2	1915.2	1876.4	1837.4	1801.2	1754.0	1709.6
25°	2298.9	2282.2	2273.7	2221.0	2187.6	2151.5	2112.5	2068.1	2023.6	1970.7	1923.6
27.5°	2515.6	2521.2	2504.5	2493.3	2457.2	2432.2	2371.1	2340.6	2307.1	2243.2	2184.8
30°	2790.7	2807.5	2801.9	2810.3	2788.0	2771.3	2724.1	2685.2	2646.2	2585.1	2518.5
32.5°	3138.3	3160.6	3171.5	3202.3	3191.1	3185.6	3171.5	3116.0	3088.2	2982.7	2954.8
35°	3674.7	3663.6	3710.9	3735.8	3724.7	3719.3	3702.6	3672.0	3638.6	3563.5	3494.1
37.5°	4372.4	4383.5	4400.2	4350.3	4316.8	4314.1	4264.0	4233.5	4186.2	4102.8	4019.4
40°	5651.0	5581.6	5503.8	5292.5	5200.8	5148.0	5000.6	4959.0	4878.3	4764.3	4678.2
42.5°	7313.4	7243.8	7010.4	6657.4	6468.3	6207.0	6087.5	5940.2	5826.2	5640.1	5540.0
45°	8964.5	8764.3	8736.5	8325.1	8091.7	7747.0	7533.0	7285.5	7027.1	6782.5	6604.6
47.5°	10357.1	10312.6	10176.5	9926.2	9709.4	9420.3	9145.1	8764.3	8497.5	8150.1	7830.4
50°	11471.7	11469.0	11418.9	11274.4	11093.8	10860.3	10618.4	10296.0	9993.0	9567.6	9225.8
52.5°	12305.7	12350.1	12366.8	12322.3	12252.9	12047.1	11924.9	11655.2	11399.4	11038.1	10668.4
55°	12917.1	13081.2	13164.6	13259.1	13239.7	13167.4	13161.9	12986.7	12870.0	12583.6	12322.3
57.5°	13673.3	13942.9	14201.3	14660.1	14676.7	14838.0	14921.4	15004.8	15026.9	14913.0	14826.9
60°	14635.0	15185.4	15674.6	16633.7	16883.9	17278.5	17534.2	17812.3	18048.4	18068.0	18062.4
62.5°	15313.2	16161.1	16950.5	18373.7	18860.2	19316.1	19657.9	19927.6	20091.5	20258.3	20336.1
63°	15332.8	16261.2	17100.6	18568.3	19079.8	19513.4	19838.7	20088.8	20261.2	20361.1	20411.2
65°	14863.0	15988.7	16989.4	18451.5	18932.4	19368.9	19538.4	19702.5	19785.8	19824.7	19677.3
67.5°	12597.6	13698.3	14865.7	16500.2	16911.6	17434.2	17573.2	17656.6	17695.5	17687.2	17562.1
70°	9420.3	10343.3	11641.3	13509.3	14054.1	14565.6	14882.4	15018.6	15063.0	15049.2	14863.0
72.5°	6576.7	7118.7	8188.9	10268.2	11010.4	11666.3	12058.3	12261.2	12302.9	12219.5	12047.1
75°	5523.2	5551.1	5792.8	6929.7	7624.6	8325.1	8767.0	8895.0	8811.6	8558.6	8119.5
77.5°	4931.1	4992.4	4992.4	5161.8	5298.1	5492.7	5534.4	5223.0	4861.7	4394.7	4016.7
80°	4136.2	4350.3	4500.3	4625.4	4639.2	4600.4	4497.5	4322.4	4044.4	3688.6	3293.9
82.5°	2512.9	2935.4	3107.7	3752.6	4069.4	4283.4	4266.9	4033.3	3822.1	3452.4	3116.0
85°	633.8	683.8	742.2	964.5	1081.3	1320.3	1470.4	1539.9	1564.9	1437.1	1300.9
87.5°	61.1	41.7	69.5	52.8	75.1	55.5	75.1	69.5	86.1	91.7	100.1
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°	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6
2.5°	647.7	644.8	642.1	639.4	636.5	633.8	628.3	628.3	622.7	619.8	617.1
5°	719.9	714.4	711.7	706.1	697.6	692.1	683.8	672.7	664.4	661.5	655.9
7.5°	811.8	797.7	792.2	783.9	772.8	756.0	744.9	736.6	722.8	714.4	697.6
10°	914.5	900.5	884.0	867.3	850.6	831.2	817.2	806.2	783.9	772.8	753.3
12.5°	1045.2	1020.2	1000.6	978.5	956.2	934.0	917.2	884.0	864.4	839.4	822.7
15°	1178.5	1156.3	1134.2	1106.3	1072.9	1036.8	1020.2	989.5	964.5	925.7	903.4
17.5°	1339.8	1298.1	1264.8	1231.4	1200.8	1167.4	1134.2	1086.9	1050.8	1017.3	973.0
20°	1498.3	1448.3	1412.0	1367.6	1323.2	1270.4	1231.4	1198.0	1148.0	1103.6	1056.3
22.5°	1667.7	1617.8	1559.4	1515.0	1453.9	1412.0	1359.3	1303.6	1253.7	1195.3	1136.9
25°	1873.5	1820.7	1754.0	1695.6	1626.0	1567.8	1503.8	1439.8	1378.7	1312.1	1237.0
27.5°	2126.5	2070.8	1998.6	1929.0	1837.4	1765.1	1704.0	1617.8	1539.9	1456.6	1370.3
30°	2446.1	2384.9	2296.0	2195.9	2104.2	2023.6	1937.5	1823.5	1737.3	1637.2	1526.1
32.5°	2863.2	2790.7	2671.2	2576.7	2462.8	2357.1	2237.6	2123.6	2001.4	1870.8	1742.8
35°	3388.5	3321.8	3182.7	3043.8	2918.7	2793.6	2643.5	2512.9	2340.6	2182.1	2018.0
37.5°	3933.3	3813.7	3685.9	3535.8	3380.0	3230.0	3046.5	2865.9	2668.5	2496.2	2290.4
40°	4555.9	4411.4	4305.7	4144.5	3924.9	3710.9	3541.4	3316.2	3068.8	2838.0	2596.3
42.5°	5409.3	5248.1	5059.1	4814.5	4656.0	4405.8	4186.2	3919.3	3594.1	3335.6	3043.8
45°	6396.1	6176.5	5993.0	5756.7	5564.9	5253.7	4997.9	4642.1	4316.8	3977.7	3621.9
47.5°	7521.8	7249.4	6982.5	6749.1	6443.4	6137.5	5812.4	5434.3	5017.4	4644.8	4222.3
50°	8814.3	8427.9	8058.3	7758.1	7338.3	6985.4	6632.2	6207.0	5745.6	5317.5	4836.6
52.5°	10251.5	9804.0	9314.8	8853.3	8366.8	7913.8	7488.4	6999.2	6485.1	5962.5	5426.0
55°	11986.0	11649.6	11074.3	10487.8	9837.2	9231.4	8683.7	8077.8	7452.3	6765.8	6201.5
57.5°	14701.8	14537.7	14056.8	13470.4	12622.6	11885.9	10957.5	10215.3	9309.2	8364.1	7635.8
60°	18382.1	18179.1	17909.5	17434.2	16761.5	15760.9	14737.9	13584.4	12205.6	10896.4	9653.9
62.5°	20344.6	20272.2	20052.7	19724.6	19096.5	18307.0	17275.8	16008.1	14451.7	12861.6	11277.2
63°	20402.8	20311.1	20122.1	19788.5	19235.4	18471.1	17459.1	16227.8	14704.5	13084.1	11466.1
65°	19613.5	19577.4	19385.5	19021.4	18643.4	18059.5	17275.8	16216.6	14938.0	13406.5	11797.0
67.5°	17395.3	17286.8	16992.2	16881.0	16617.0	16211.0	15613.5	14885.1	13970.8	12767.1	11377.2
70°	14712.8	14551.6	14181.9	13984.6	13662.2	13406.5	13042.4	12522.5	11958.2	11118.7	10082.0
72.5°	11869.2	11535.7	11196.6	10682.4	10232.0	9776.1	9373.0	9006.2	8386.2	8047.1	7260.5
75°	7708.0	7102.0	6521.2	5742.9	5042.3	4422.5	3819.2	3513.5	2877.0	2618.4	2248.7
77.5°	3658.0	3318.9	2863.2	2510.0	2059.7	1681.7	1373.2	1031.2	808.9	633.8	483.6
80°	2951.9	2665.7	2390.5	2070.8	1731.7	1381.4	1059.0	792.2	561.4	389.1	275.1
82.5°	2632.4	2321.0	1981.9	1762.3	1531.7	1253.7	1028.5	839.4	619.8	453.1	308.6
85°	1022.9	861.7	664.4	542.0	422.5	347.4	314.1	216.7	169.6	133.4	102.8
87.5°	89.0	72.2	58.4	39.0	41.7	22.3	25.0	16.7	13.8	13.8	11.1
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°	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6	586.6
2.5°	614.3	611.6	608.7	603.1	603.1	597.7	594.8	592.1	578.1	547.6	522.6
5°	644.8	639.4	633.8	625.4	619.8	611.6	606.0	597.7	567.0	508.8	458.6
7.5°	689.4	678.2	670.0	653.2	644.8	633.8	625.4	611.6	561.4	472.5	403.1
10°	742.2	722.8	708.8	689.4	672.7	658.8	644.8	625.4	555.9	433.6	353.0
12.5°	806.2	783.9	756.0	733.8	711.7	692.1	672.7	647.7	547.6	400.2	314.1
15°	870.0	836.7	817.2	786.6	756.0	728.2	700.5	678.2	550.5	364.1	280.7
17.5°	942.2	909.0	867.3	833.9	800.6	764.5	731.1	686.5	536.4	336.4	255.7
20°	1011.8	964.5	925.7	884.0	836.7	792.2	750.5	711.7	525.3	308.6	233.4
22.5°	1086.9	1031.2	981.2	928.4	870.0	820.0	769.9	719.9	505.9	283.6	214.0
25°	1178.5	1114.6	1042.3	978.5	917.2	856.1	792.2	731.1	486.5	261.3	200.2
27.5°	1289.8	1206.4	1134.2	1053.5	967.4	889.6	820.0	753.3	467.1	244.6	186.2
30°	1431.6	1334.2	1231.4	1128.6	1036.8	947.8	850.6	767.2	447.5	227.9	172.3
32.5°	1620.6	1498.3	1373.2	1253.7	1131.3	1017.3	914.5	806.2	436.3	214.0	158.5
35°	1870.8	1712.3	1559.4	1409.3	1261.9	1123.0	989.5	867.3	436.3	197.3	141.8
37.5°	2106.9	1923.6	1729.0	1542.6	1367.6	1206.4	1047.9	900.5	414.2	183.5	127.9
40°	2362.7	2143.1	1915.2	1695.6	1484.4	1284.2	1103.6	934.0	394.7	166.8	113.9
42.5°	2754.6	2476.8	2179.4	1923.6	1670.6	1423.1	1198.0	997.9	369.7	150.1	100.1
45°	3268.9	2915.8	2565.7	2254.3	1931.9	1628.9	1362.0	1114.6	364.1	136.2	86.1
47.5°	3819.2	3402.3	2990.9	2593.4	2215.5	1862.4	1542.6	1245.2	364.1	122.4	75.1
50°	4366.8	3844.4	3405.2	2943.7	2518.5	2101.4	1720.6	1381.4	367.0	111.2	61.1
52.5°	4861.7	4303.0	3811.0	3277.2	2807.5	2323.8	1909.6	1515.0	361.4	97.2	50.0
55°	5548.2	4892.3	4322.4	3733.1	3182.7	2638.0	2168.2	1715.0	364.1	86.1	41.7
57.5°	6813.0	6043.0	5356.5	4583.7	3949.9	3246.7	2676.8	2126.5	397.5	72.2	30.6
60°	8628.1	7627.5	6663.0	5720.6	4914.6	4077.8	3338.3	2690.8	467.1	58.4	22.3
62.5°	9848.4	8539.2	7388.5	6348.8	5412.0	4536.5	3730.3	2993.6	514.2	47.3	13.8
63°	9973.4	8619.8	7463.4	6390.5	5434.3	4558.7	3747.0	3015.9	517.0	44.4	13.8
65°	10209.8	8758.8	7505.1	6398.8	5412.0	4528.2	3735.8	3013.2	522.6	36.1	11.1
67.5°	9940.2	8544.7	7263.4	6159.8	5217.4	4347.4	3596.9	2902.0	519.7	25.0	8.3
70°	8889.4	7733.2	6607.3	5578.8	4722.6	3936.0	3274.5	2646.2	478.0	16.7	5.6
72.5°	6526.8	5740.0	4867.3	4125.1	3557.9	2954.8	2521.2	1987.4	369.7	11.1	2.7
75°	1934.6	1762.3	1481.5	1306.5	1153.6	953.4	847.9	661.5	189.1	5.6	0.0
77.5°	386.4	350.3	314.1	286.3	269.6	230.7	219.6	180.6	77.8	2.7	0.0
80°	202.9	166.8	141.8	125.1	108.4	89.0	75.1	61.1	13.8	0.0	0.0
82.5°	194.6	130.6	94.5	77.8	66.7	52.8	41.7	30.6	8.3	0.0	0.0
85°	72.2	55.5	41.7	33.4	27.9	25.0	19.4	16.7	0.0	0.0	0.0
87.5°	11.1	8.3	8.3	5.6	5.6	2.7	2.7	2.7	0.0	0.0	0.0
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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CATALOG NUMBER: VTS-E10-LED-E1-SL2-HSS-8030

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	586.6	586.6	586.6	586.6	586.6	586.6	586.6
2.5°	497.6	475.3	464.2	450.4	450.4	447.5	453.1
5°	414.2	383.7	361.4	344.7	347.4	339.1	342.0
7.5°	350.3	319.7	300.1	289.2	286.3	283.6	283.6
10°	303.0	275.1	258.4	250.2	247.5	247.5	247.5
12.5°	269.6	241.9	227.9	222.3	222.3	219.6	219.6
15°	241.9	219.6	205.8	200.2	200.2	197.3	200.2
17.5°	219.6	197.3	186.2	180.6	180.6	177.9	177.9
20°	200.2	180.6	169.6	161.2	161.2	158.5	161.2
22.5°	183.5	164.1	150.1	144.5	141.8	138.9	141.8
25°	166.8	147.4	133.4	125.1	122.4	122.4	119.5
27.5°	152.9	133.4	116.8	108.4	105.7	105.7	102.8
30°	138.9	116.8	100.1	91.7	89.0	89.0	89.0
32.5°	125.1	100.1	86.1	77.8	75.1	75.1	75.1
35°	111.2	86.1	72.2	64.0	61.1	61.1	61.1
37.5°	94.5	72.2	55.5	50.0	47.3	44.4	44.4
40°	80.7	55.5	41.7	36.1	30.6	30.6	30.6
42.5°	66.7	44.4	30.6	22.3	19.4	16.7	19.4
45°	55.5	33.4	19.4	11.1	8.3	8.3	8.3
47.5°	44.4	22.3	8.3	2.7	2.7	2.7	2.7
50°	33.4	13.8	2.7	0.0	0.0	2.7	2.7
52.5°	25.0	8.3	0.0	0.0	0.0	0.0	0.0
55°	13.8	2.7	0.0	0.0	0.0	0.0	0.0
57.5°	8.3	0.0	0.0	0.0	0.0	0.0	0.0
60°	5.6	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.7	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.7	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.7	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)