

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: P164967

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P164967
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-E08-LED-E1-SL2-HSS
Description: VENTUS LED SITE LUMINAIRE
(8) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 W/ SPILL LIGHT CONTROL AND HOUSE SIDE SHIELD
Light Source: (168) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14493.3 lumens
Efficiency: N/A
Efficacy: 74.5 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.33' x L: 1' x H: 0.1')
IES Classification: Type II - Short - Non-Cutoff
BUG Rating: B0 - U0 - G3

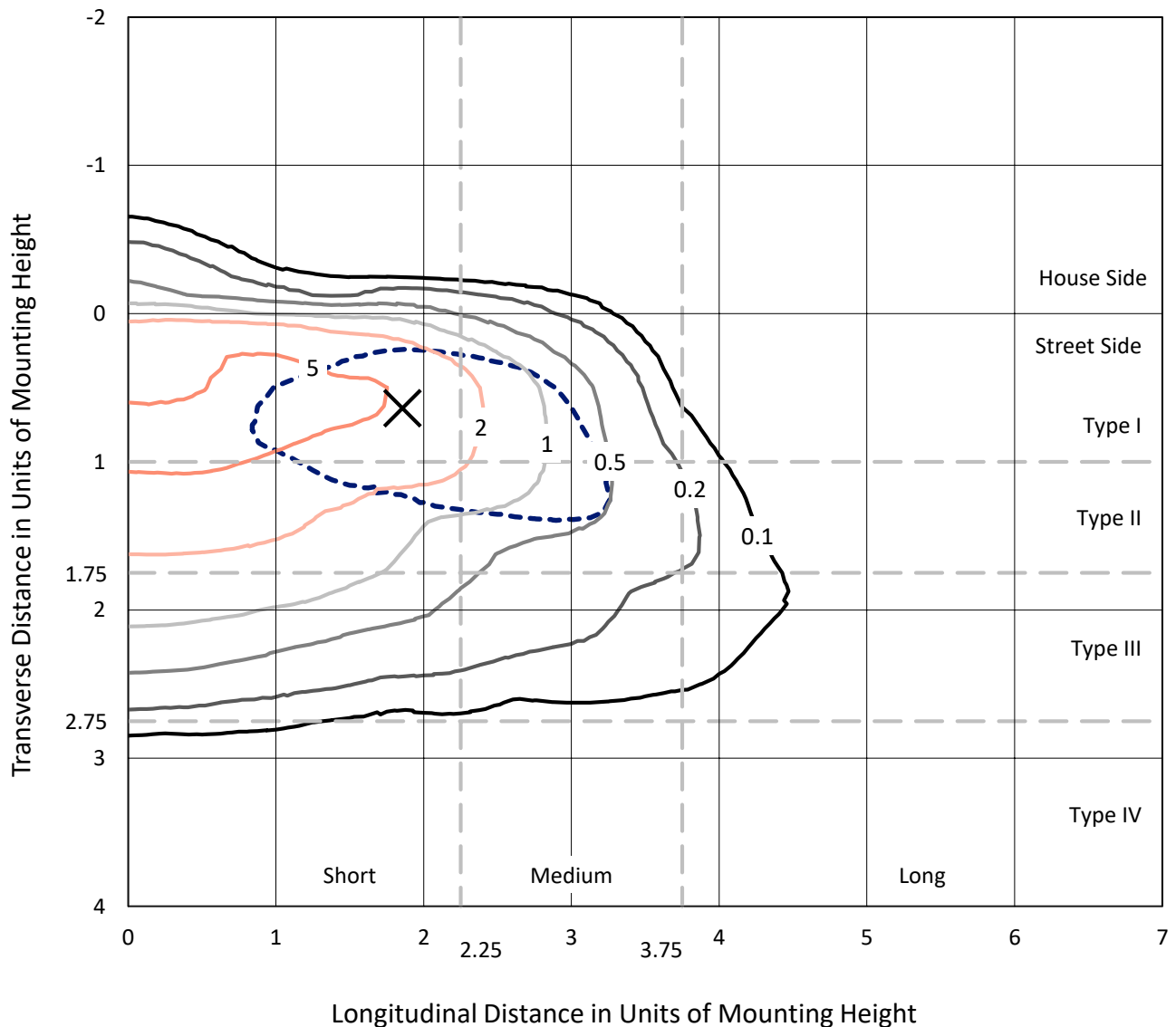
Input Watts (W): 194.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P164967

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

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

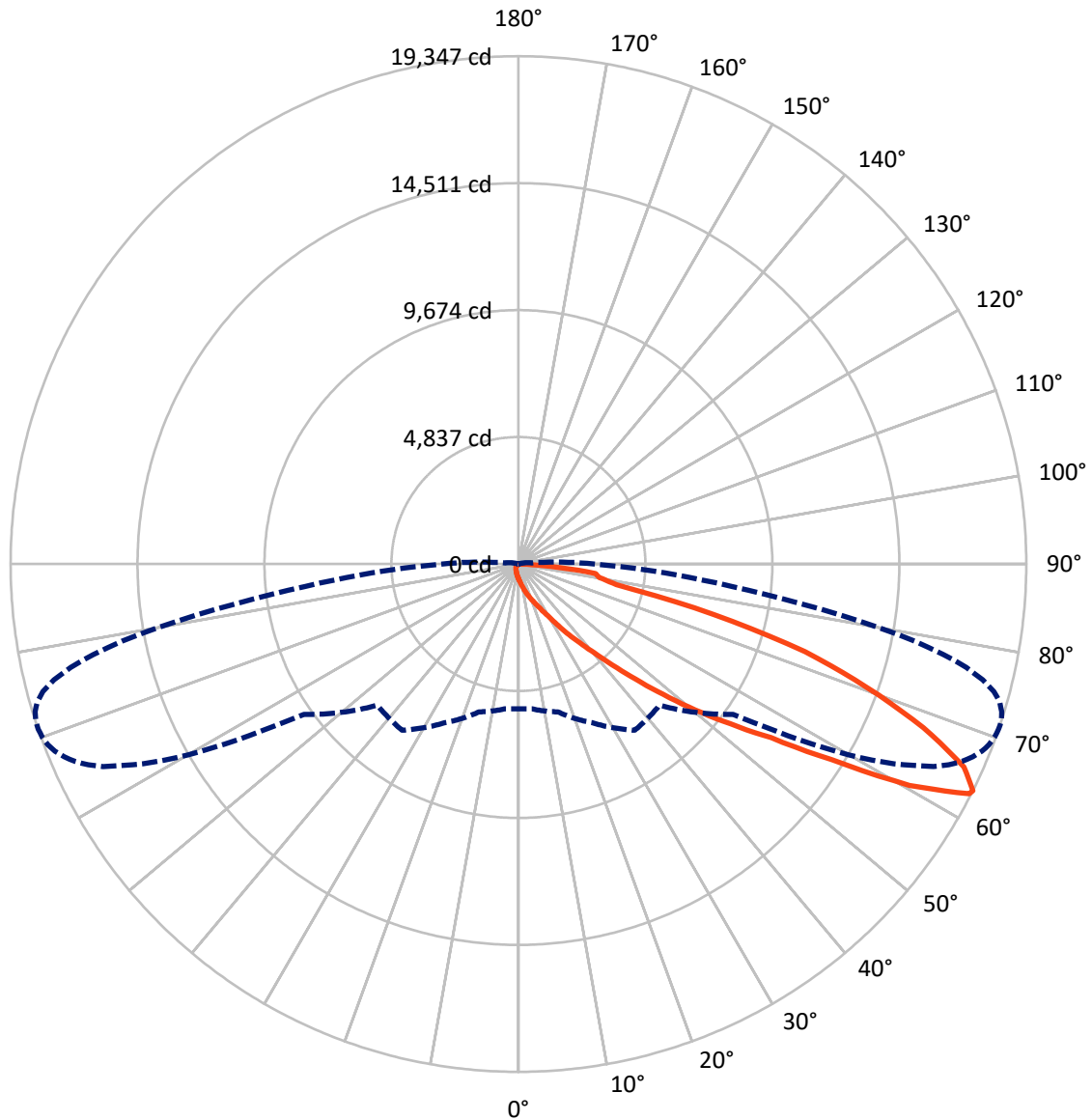


Based on 20 foot mounting height. Maximum calculated value = 7.6 fc
 Type II - Short - Non-Cutoff

REPORT NUMBER: P164967

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

Luminous Intensity Polar Plot



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

REPORT NUMBER: P164967

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

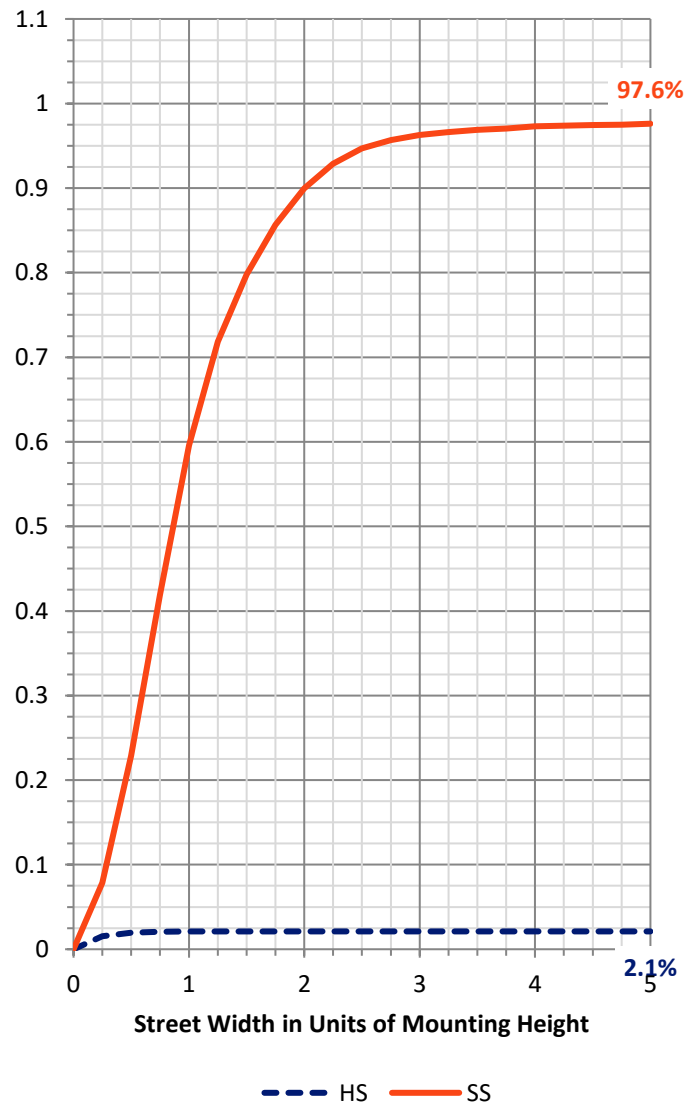
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	307.7	0.0	307.7
	% Fixture	2.1	0.0	2.1
Street Side	Lumens	14185.6	0.0	14185.6
	% Fixture	97.9	0.0	97.9
Total	Lumens	14493.3	0.0	14493.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.4	0.4
10°-20°	238.3	1.6
20°-30°	484.0	3.3
30°-40°	1182.6	8.2
40°-50°	2644.8	18.2
50°-60°	3718.8	25.7
60°-70°	4373.1	30.2
70°-80°	1579.1	10.9
80°-90°	211.2	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°	14493.3	100.0
0°-180°	14493.3	100.0



REPORT NUMBER: P164967

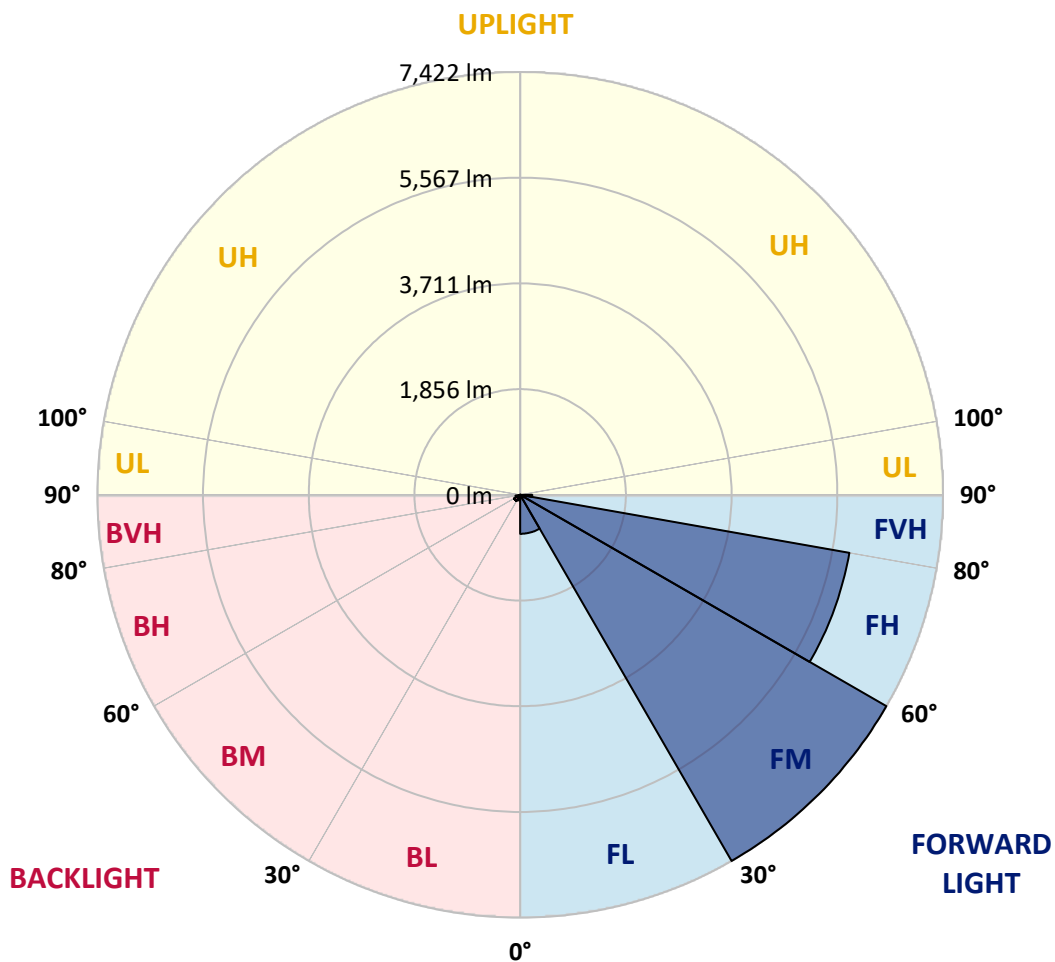
CATALOG NUMBER: VTS-E08-LED-E1-SL2-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	684.9	4.7			
FM (30°-60°)	7422.3	51.2			
FH (60°-80°)	5867.8	40.5			G3/7500
FVH (80°-90°)	210.7	1.5			G2/225
BL (0°-30°)	98.9	0.7	B0/110		
BM (30°-60°)	124.0	0.9	B0/220		
BH (60°-80°)	84.4	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





REPORT NUMBER: P164967

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

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0
2.5°	727.2	735.0	729.8	716.6	700.8	679.8	661.3	661.3	658.7	650.7	653.4
5°	953.8	956.5	945.9	914.2	885.3	840.5	790.4	785.1	779.8	772.0	769.4
7.5°	1175.2	1185.6	1175.2	1140.8	1082.9	1014.4	935.4	927.5	911.7	911.7	901.1
10°	1401.8	1401.8	1391.2	1351.7	1298.9	1201.4	1101.3	1088.2	1069.8	1064.5	1048.6
12.5°	1562.4	1562.4	1557.1	1536.2	1493.9	1407.0	1285.8	1272.6	1249.0	1241.0	1222.6
15°	1625.6	1625.6	1628.3	1646.7	1649.4	1609.9	1483.4	1472.8	1449.1	1428.0	1420.2
17.5°	1665.1	1662.6	1662.6	1689.0	1736.3	1762.7	1681.0	1670.4	1644.2	1633.6	1607.2
20°	1752.2	1746.9	1731.0	1731.0	1775.8	1868.0	1868.0	1865.4	1836.5	1828.5	1815.4
22.5°	1881.3	1876.0	1828.5	1789.0	1810.1	1926.1	2034.1	2028.8	2018.2	2007.7	1999.8
25°	2092.0	2073.6	1991.8	1876.0	1857.6	1981.4	2160.5	2173.8	2181.6	2181.6	2186.9
27.5°	2410.9	2387.2	2242.2	2026.2	1944.5	2070.9	2300.2	2326.6	2350.2	2355.5	2379.2
30°	2853.4	2811.4	2603.2	2287.0	2100.0	2202.7	2505.8	2534.7	2569.0	2579.5	2616.3
32.5°	3580.6	3557.0	3356.8	2882.4	2481.9	2461.0	2793.0	2829.8	2874.6	2893.0	2937.8
35°	4687.4	4692.6	4529.3	4102.4	3549.1	3259.2	3306.7	3338.2	3354.1	3409.4	3433.1
37.5°	5438.2	5451.4	5488.3	5319.7	4924.5	4629.3	4257.8	4292.2	4210.4	4218.2	4221.0
40°	5849.3	5891.4	6107.5	6270.9	6239.2	6068.0	5770.2	5788.6	5635.8	5601.6	5435.5
42.5°	6123.2	6178.6	6523.8	7029.6	7287.8	7443.4	7374.9	7366.9	7248.3	7203.5	7063.8
45°	6294.6	6344.6	6779.4	7525.0	8120.5	8573.6	8760.6	8781.8	8681.6	8636.8	8521.0
47.5°	6286.6	6344.6	6810.9	7709.4	8586.9	9311.4	9838.4	9864.6	9925.3	9885.8	9893.6
50°	5938.9	5994.2	6463.2	7395.8	8449.8	9648.6	10613.0	10697.3	10794.7	10860.6	10892.3
52.5°	5517.3	5556.8	5973.1	6858.4	7864.8	9509.0	11071.4	11216.3	11361.3	11485.1	11572.0
55°	5361.8	5406.6	5733.3	6468.5	7395.8	8924.0	11284.8	11498.2	11703.8	11906.7	12072.6
57.5°	5443.5	5485.6	5720.2	6284.0	7116.6	8307.5	11345.4	11677.4	12014.7	12344.0	12670.7
60°	5743.8	5788.6	5989.0	6455.2	7042.9	7951.8	11108.3	11659.0	12220.2	12794.6	13334.7
62.5°	5625.3	5643.7	5938.9	6755.7	7569.8	7648.8	10246.7	11016.2	11872.5	12757.8	13629.8
63°	5512.0	5533.1	5833.4	6673.9	7730.6	7604.0	9980.6	10792.2	11695.8	12649.6	13598.2
65°	4998.2	5000.8	5230.1	5894.1	7551.4	7683.0	8795.0	9569.6	10607.7	11751.2	12950.1
67.5°	3730.9	3712.5	3933.8	4439.7	5928.3	7685.8	7548.6	7983.5	8705.4	9719.8	10794.7
70°	1322.7	1293.8	1652.0	2352.8	3693.9	6286.6	6486.9	6515.8	6716.2	7264.2	7938.7
72.5°	429.4	437.4	526.9	861.6	1702.1	4231.5	5873.0	5783.4	5730.7	5728.0	5817.6
75°	171.2	173.9	210.7	382.1	764.2	2039.4	5143.2	5193.1	5211.7	5237.9	5267.0
77.5°	81.6	89.6	118.6	213.4	379.4	1009.1	3680.8	4105.0	4347.4	4534.6	4647.8
80°	29.0	34.2	65.9	131.7	176.5	463.7	1939.2	2339.7	2695.4	3153.9	3549.1
82.5°	0.0	0.0	13.1	92.2	97.4	187.0	795.7	932.6	1067.0	1383.2	1775.8
85°	0.0	0.0	0.0	26.4	29.0	31.7	268.8	324.2	363.7	424.2	490.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	2.6	7.8	15.8	39.5	60.6
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: P164967

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

CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0
2.5°	648.2	645.6	645.6	640.3	637.6	632.3	629.8	621.8	619.2	619.2	619.2
5°	766.7	756.2	750.9	737.8	729.8	727.2	714.1	708.8	700.8	703.5	690.2
7.5°	898.4	880.0	872.2	853.6	848.5	829.9	824.6	811.5	803.7	787.8	782.6
10°	1043.4	1019.7	1006.6	977.4	969.6	956.5	940.6	924.8	911.7	895.8	888.0
12.5°	1209.4	1188.3	1177.8	1138.2	1119.8	1101.3	1080.3	1059.2	1038.1	1025.0	1006.6
15°	1404.3	1370.1	1359.5	1322.7	1291.0	1267.4	1238.4	1212.0	1196.2	1169.9	1151.4
17.5°	1596.6	1562.4	1554.6	1499.2	1465.0	1449.1	1417.6	1383.2	1354.2	1328.0	1298.9
20°	1789.0	1765.3	1744.2	1691.5	1654.7	1628.3	1586.1	1551.8	1528.2	1491.4	1454.4
22.5°	1981.4	1957.6	1941.9	1886.6	1852.3	1815.4	1778.6	1741.6	1707.4	1662.6	1620.5
25°	2179.0	2163.2	2155.2	2105.3	2073.6	2039.4	2002.4	1960.3	1918.1	1868.0	1823.4
27.5°	2384.5	2389.8	2373.9	2363.4	2329.1	2305.4	2247.5	2218.6	2186.9	2126.2	2070.9
30°	2645.3	2661.1	2655.8	2663.8	2642.7	2626.9	2582.1	2545.3	2508.3	2450.4	2387.2
32.5°	2974.7	2995.8	3006.2	3035.4	3024.8	3019.5	3006.2	2953.6	2927.2	2827.2	2800.8
35°	3483.2	3472.6	3517.4	3541.1	3530.6	3525.4	3509.6	3480.6	3449.0	3377.8	3312.0
37.5°	4144.5	4155.0	4170.9	4123.5	4091.8	4089.3	4041.8	4012.8	3968.0	3889.0	3809.9
40°	5356.5	5290.7	5217.0	5016.6	4929.8	4879.7	4740.0	4700.5	4624.0	4516.0	4434.4
42.5°	6932.2	6866.2	6645.0	6310.4	6131.2	5883.5	5770.2	5630.6	5522.6	5346.1	5251.2
45°	8497.3	8307.5	8281.1	7891.2	7669.9	7343.2	7140.3	6905.8	6660.8	6429.0	6260.3
47.5°	9817.3	9775.0	9646.1	9408.8	9203.4	8929.3	8668.5	8307.5	8054.6	7725.3	7422.2
50°	10873.8	10871.2	10823.7	10686.7	10515.5	10294.2	10065.0	9759.4	9472.2	9069.0	8745.0
52.5°	11664.3	11706.4	11722.2	11680.0	11614.2	11419.2	11303.4	11047.7	10805.3	10462.7	10112.3
55°	12243.8	12399.4	12478.4	12568.0	12549.6	12481.1	12475.8	12309.8	12199.2	11927.7	11680.0
57.5°	12960.6	13216.2	13461.1	13896.0	13911.7	14064.6	14143.7	14222.7	14243.7	14135.7	14054.1
60°	13872.2	14393.9	14857.6	15766.7	16003.8	16377.9	16620.3	16883.8	17107.7	17126.2	17121.0
62.5°	14515.0	15318.7	16067.0	17416.0	17877.1	18309.3	18633.3	18889.0	19044.3	19202.4	19276.2
63°	14533.6	15413.6	16209.3	17600.5	18085.3	18496.3	18804.6	19041.8	19205.1	19299.8	19347.4
65°	14088.3	15155.4	16103.8	17489.8	17945.6	18359.4	18520.0	18675.5	18754.6	18791.4	18651.7
67.5°	11941.0	12984.3	14090.9	15640.2	16030.1	16525.4	16657.3	16736.3	16773.1	16765.3	16646.7
70°	8929.3	9804.2	11034.6	12805.1	13321.6	13806.4	14106.7	14235.8	14277.9	14264.8	14088.3
72.5°	6233.9	6747.7	7762.1	9733.0	10436.5	11058.2	11429.8	11622.1	11661.6	11582.6	11419.2
75°	5235.4	5261.8	5490.9	6568.5	7227.2	7891.2	8310.1	8431.4	8352.3	8112.5	7696.3
77.5°	4674.1	4732.2	4732.2	4892.8	5021.9	5206.4	5245.9	4950.7	4608.3	4165.6	3807.4
80°	3920.6	4123.5	4265.8	4384.3	4397.4	4360.6	4263.0	4097.1	3833.6	3496.3	3122.2
82.5°	2381.9	2782.4	2945.8	3557.0	3857.3	4060.2	4044.5	3823.0	3622.9	3272.5	2953.6
85°	600.8	648.2	703.5	914.2	1025.0	1251.5	1393.8	1459.7	1483.4	1362.2	1233.1
87.5°	57.9	39.5	65.9	50.1	71.2	52.6	71.2	65.9	81.6	86.9	94.9
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: P164967

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

CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0
2.5°	613.9	611.2	608.6	606.1	603.4	600.8	595.5	595.5	590.2	587.5	585.0
5°	682.4	677.1	674.6	669.3	661.3	656.0	648.2	637.6	629.8	627.0	621.8
7.5°	769.4	756.2	750.9	743.0	732.5	716.6	706.1	698.2	685.1	677.1	661.3
10°	866.9	853.6	837.9	822.1	806.2	787.8	774.6	764.2	743.0	732.5	714.1
12.5°	990.7	967.0	948.5	927.5	906.4	885.3	869.4	837.9	819.4	795.7	779.8
15°	1117.1	1096.0	1075.0	1048.6	1017.0	982.7	967.0	937.9	914.2	877.4	856.3
17.5°	1269.9	1230.4	1198.9	1167.2	1138.2	1106.6	1075.0	1030.2	996.0	964.3	922.2
20°	1420.2	1372.8	1338.4	1296.3	1254.2	1204.2	1167.2	1135.5	1088.2	1046.1	1001.3
22.5°	1580.8	1533.4	1478.1	1436.0	1378.1	1338.4	1288.5	1235.7	1188.3	1133.0	1077.6
25°	1775.8	1725.8	1662.6	1607.2	1541.3	1486.1	1425.4	1364.8	1306.9	1243.7	1172.5
27.5°	2015.7	1962.9	1894.4	1828.5	1741.6	1673.1	1615.2	1533.4	1459.7	1380.6	1298.9
30°	2318.6	2260.6	2176.3	2081.4	1994.6	1918.1	1836.5	1728.5	1646.7	1551.8	1446.6
32.5°	2713.9	2645.3	2532.0	2442.4	2334.4	2234.2	2121.0	2013.0	1897.1	1773.3	1652.0
35°	3211.8	3148.6	3016.8	2885.1	2766.6	2648.0	2505.8	2381.9	2218.6	2068.3	1912.8
37.5°	3728.3	3614.9	3493.8	3351.5	3203.8	3061.6	2887.7	2716.5	2529.4	2366.1	2171.0
40°	4318.4	4181.4	4081.3	3928.5	3720.3	3517.4	3356.8	3143.4	2908.8	2690.1	2461.0
42.5°	5127.4	4974.6	4795.4	4563.5	4413.3	4176.2	3968.0	3715.0	3406.7	3161.8	2885.1
45°	6062.7	5854.6	5680.6	5456.6	5274.9	4979.8	4737.4	4400.2	4091.8	3770.4	3433.1
47.5°	7129.8	6871.5	6618.6	6397.3	6107.5	5817.6	5509.4	5151.0	4755.8	4402.7	4002.2
50°	8354.9	7988.6	7638.2	7353.8	6955.8	6621.3	6286.6	5883.5	5446.1	5040.3	4584.5
52.5°	9717.1	9293.0	8829.3	8391.8	7930.7	7501.3	7098.1	6634.4	6147.0	5651.7	5143.2
55°	11361.3	11042.4	10497.1	9941.1	9324.5	8750.2	8231.0	7656.8	7063.8	6413.1	5878.2
57.5°	13935.5	13780.0	13324.2	12768.3	11964.6	11266.4	10386.4	9682.9	8824.0	7928.2	7237.8
60°	17424.0	17231.5	16976.0	16525.4	15887.8	14939.4	13969.8	12876.3	11569.4	10328.5	9150.7
62.5°	19284.2	19215.5	19007.5	18696.5	18101.1	17352.8	16375.4	15173.8	13698.4	12191.2	10689.4
63°	19339.4	19252.5	19073.3	18757.1	18232.8	17508.3	16549.1	15381.9	13938.1	12402.1	10868.5
65°	18591.2	18557.0	18375.0	18029.9	17671.7	17118.2	16375.4	15371.4	14159.4	12707.7	11182.1
67.5°	16488.6	16385.8	16106.6	16001.1	15750.9	15366.1	14799.7	14109.3	13242.6	12101.6	10784.2
70°	13945.9	13793.1	13442.7	13255.7	12950.1	12707.7	12362.6	11869.8	11334.9	10539.2	9556.5
72.5°	11250.6	10934.4	10613.0	10125.6	9698.7	9266.6	8884.5	8536.8	7949.1	7627.7	6882.1
75°	7306.2	6731.8	6181.3	5443.5	4779.5	4192.0	3620.2	3330.4	2727.0	2481.9	2131.5
77.5°	3467.4	3145.9	2713.9	2379.2	1952.3	1594.1	1301.6	977.4	766.7	600.8	458.4
80°	2798.1	2526.7	2265.9	1962.9	1641.4	1309.4	1003.8	750.9	532.2	368.8	260.8
82.5°	2495.2	2200.0	1878.6	1670.4	1451.8	1188.3	974.9	795.7	587.5	429.4	292.5
85°	969.6	816.8	629.8	513.8	400.5	329.3	297.8	205.4	160.8	126.4	97.4
87.5°	84.3	68.5	55.4	37.0	39.5	21.1	23.7	15.8	13.1	13.1	10.6
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: P164967

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

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0	556.0
2.5°	582.2	579.7	577.0	571.7	571.7	566.6	563.8	561.3	548.0	519.0	495.4
5°	611.2	606.1	600.8	592.8	587.5	579.7	574.4	566.6	537.4	482.2	434.7
7.5°	653.4	642.9	635.0	619.2	611.2	600.8	592.8	579.7	532.2	447.8	382.1
10°	703.5	685.1	671.8	653.4	637.6	624.5	611.2	592.8	526.9	411.0	334.6
12.5°	764.2	743.0	716.6	695.5	674.6	656.0	637.6	613.9	519.0	379.4	297.8
15°	824.6	793.1	774.6	745.6	716.6	690.2	664.0	642.9	521.8	345.1	266.1
17.5°	893.1	861.6	822.1	790.4	758.9	724.6	693.0	650.7	508.5	318.9	242.4
20°	959.0	914.2	877.4	837.9	793.1	750.9	711.4	674.6	497.9	292.5	221.3
22.5°	1030.2	977.4	930.1	880.0	824.6	777.3	729.8	682.4	479.5	268.8	202.9
25°	1117.1	1056.5	988.0	927.5	869.4	811.5	750.9	693.0	461.1	247.7	189.8
27.5°	1222.6	1143.5	1075.0	998.6	917.0	843.2	777.3	714.1	442.7	231.8	176.5
30°	1357.0	1264.6	1167.2	1069.8	982.7	898.4	806.2	727.2	424.2	216.0	163.4
32.5°	1536.2	1420.2	1301.6	1188.3	1072.3	964.3	866.9	764.2	413.6	202.9	150.2
35°	1773.3	1623.0	1478.1	1335.8	1196.2	1064.5	937.9	822.1	413.6	187.0	134.4
37.5°	1997.1	1823.4	1638.9	1462.2	1296.3	1143.5	993.3	853.6	392.6	173.9	121.3
40°	2239.5	2031.4	1815.4	1607.2	1407.0	1217.3	1046.1	885.3	374.1	158.1	108.0
42.5°	2611.0	2347.7	2065.8	1823.4	1583.5	1349.0	1135.5	945.9	350.4	142.2	94.9
45°	3098.6	2763.8	2432.0	2136.8	1831.2	1544.0	1291.0	1056.5	345.1	129.1	81.6
47.5°	3620.2	3225.0	2835.0	2458.2	2100.0	1765.3	1462.2	1180.3	345.1	116.0	71.2
50°	4139.2	3644.0	3227.7	2790.2	2387.2	1991.8	1630.9	1309.4	347.8	105.4	57.9
52.5°	4608.3	4078.7	3612.3	3106.4	2661.1	2202.7	1810.1	1436.0	342.6	92.2	47.4
55°	5259.0	4637.3	4097.1	3538.6	3016.8	2500.5	2055.2	1625.6	345.1	81.6	39.5
57.5°	6457.9	5728.0	5077.3	4344.8	3744.0	3077.4	2537.3	2015.7	376.8	68.5	29.0
60°	8178.4	7229.9	6315.7	5422.4	4658.4	3865.3	3164.3	2550.6	442.7	55.4	21.1
62.5°	9335.0	8094.1	7003.4	6017.9	5129.9	4300.0	3535.8	2837.6	487.4	44.8	13.1
63°	9453.6	8170.6	7074.4	6057.4	5151.0	4321.1	3551.7	2858.7	490.1	42.1	13.1
65°	9677.6	8302.2	7113.9	6065.3	5129.9	4292.2	3541.1	2856.2	495.4	34.2	10.6
67.5°	9422.1	8099.4	6884.8	5838.7	4945.4	4120.8	3409.4	2750.7	492.6	23.7	7.8
70°	8426.1	7330.1	6262.9	5288.0	4476.5	3730.9	3103.8	2508.3	453.1	15.8	5.3
72.5°	6186.6	5440.8	4613.6	3910.1	3372.5	2800.8	2389.8	1883.8	350.4	10.6	2.6
75°	1833.8	1670.4	1404.3	1238.4	1093.4	903.7	803.7	627.0	179.2	5.3	0.0
77.5°	366.2	332.0	297.8	271.4	255.5	218.7	208.2	171.2	73.8	2.6	0.0
80°	192.3	158.1	134.4	118.6	102.7	84.3	71.2	57.9	13.1	0.0	0.0
82.5°	184.5	123.8	89.6	73.8	63.2	50.1	39.5	29.0	7.8	0.0	0.0
85°	68.5	52.6	39.5	31.7	26.4	23.7	18.4	15.8	0.0	0.0	0.0
87.5°	10.6	7.8	7.8	5.3	5.3	2.6	2.6	2.6	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



REPORT NUMBER: P164967

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

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	556.0	556.0	556.0	556.0	556.0	556.0	556.0
2.5°	471.7	450.6	440.0	426.9	426.9	424.2	429.4
5°	392.6	363.7	342.6	326.7	329.3	321.4	324.2
7.5°	332.0	303.0	284.5	274.1	271.4	268.8	268.8
10°	287.2	260.8	245.0	237.1	234.6	234.6	234.6
12.5°	255.5	229.3	216.0	210.7	210.7	208.2	208.2
15°	229.3	208.2	195.0	189.8	189.8	187.0	189.8
17.5°	208.2	187.0	176.5	171.2	171.2	168.6	168.6
20°	189.8	171.2	160.8	152.8	152.8	150.2	152.8
22.5°	173.9	155.5	142.2	137.0	134.4	131.7	134.4
25°	158.1	139.7	126.4	118.6	116.0	116.0	113.3
27.5°	145.0	126.4	110.7	102.7	100.2	100.2	97.4
30°	131.7	110.7	94.9	86.9	84.3	84.3	84.3
32.5°	118.6	94.9	81.6	73.8	71.2	71.2	71.2
35°	105.4	81.6	68.5	60.6	57.9	57.9	57.9
37.5°	89.6	68.5	52.6	47.4	44.8	42.1	42.1
40°	76.5	52.6	39.5	34.2	29.0	29.0	29.0
42.5°	63.2	42.1	29.0	21.1	18.4	15.8	18.4
45°	52.6	31.7	18.4	10.6	7.8	7.8	7.8
47.5°	42.1	21.1	7.8	2.6	2.6	2.6	2.6
50°	31.7	13.1	2.6	0.0	0.0	2.6	2.6
52.5°	23.7	7.8	0.0	0.0	0.0	0.0	0.0
55°	13.1	2.6	0.0	0.0	0.0	0.0	0.0
57.5°	7.8	0.0	0.0	0.0	0.0	0.0	0.0
60°	5.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	2.6	0.0	0.0	0.0	0.0	0.0	0.0
63°	2.6	0.0	0.0	0.0	0.0	0.0	0.0
65°	2.6	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)