

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: STREETWORKS

Report Number: P153170

Luminaire Tested: **AVS-E02-LED-E-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P153170
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVS-E02-LED-E-U-SLL
Description: VISION SITE SMALL LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5564.9 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 52.1
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: 28.75 FT

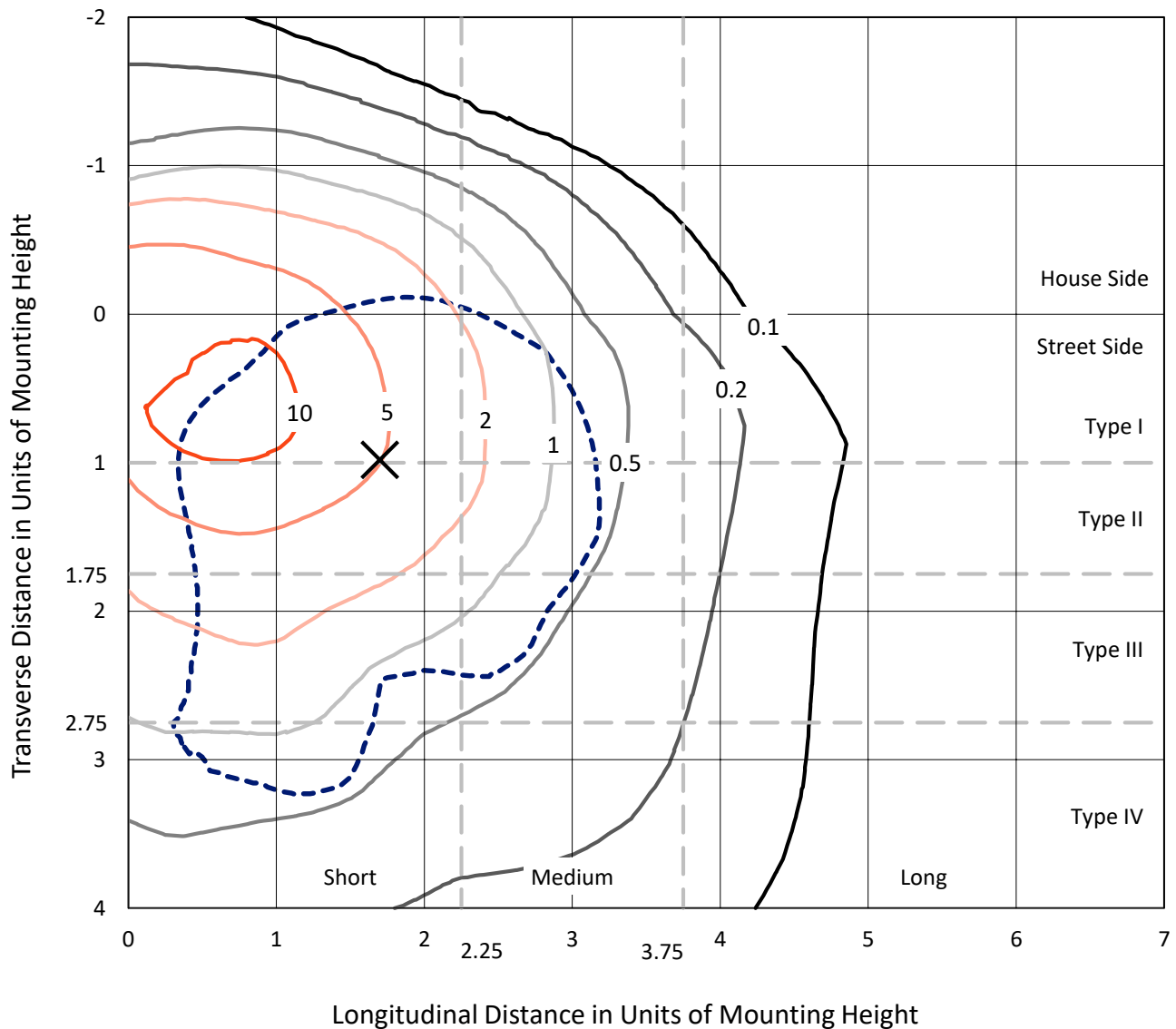


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

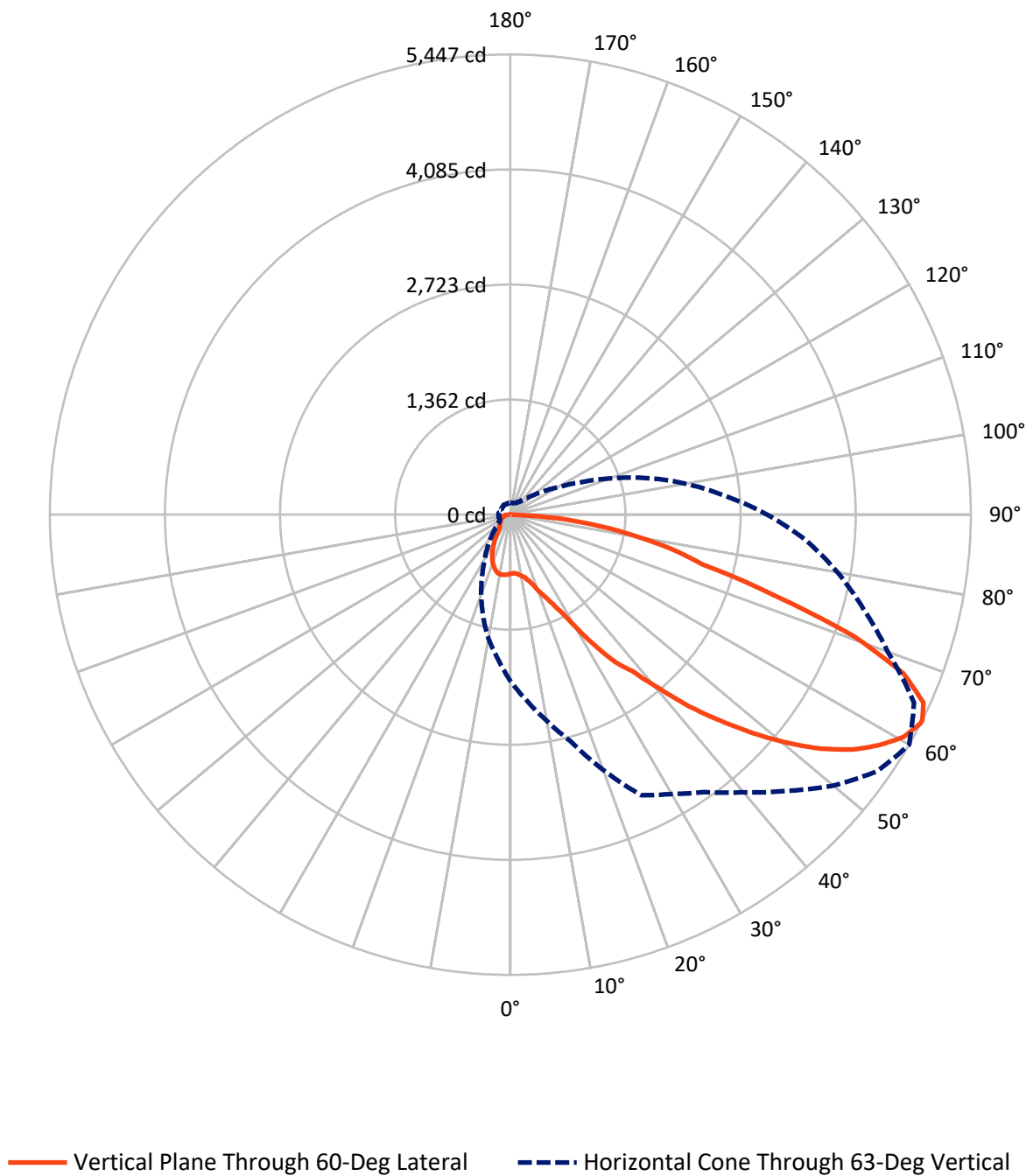


Based on 10 foot mounting height. Maximum calculated value = 13.8 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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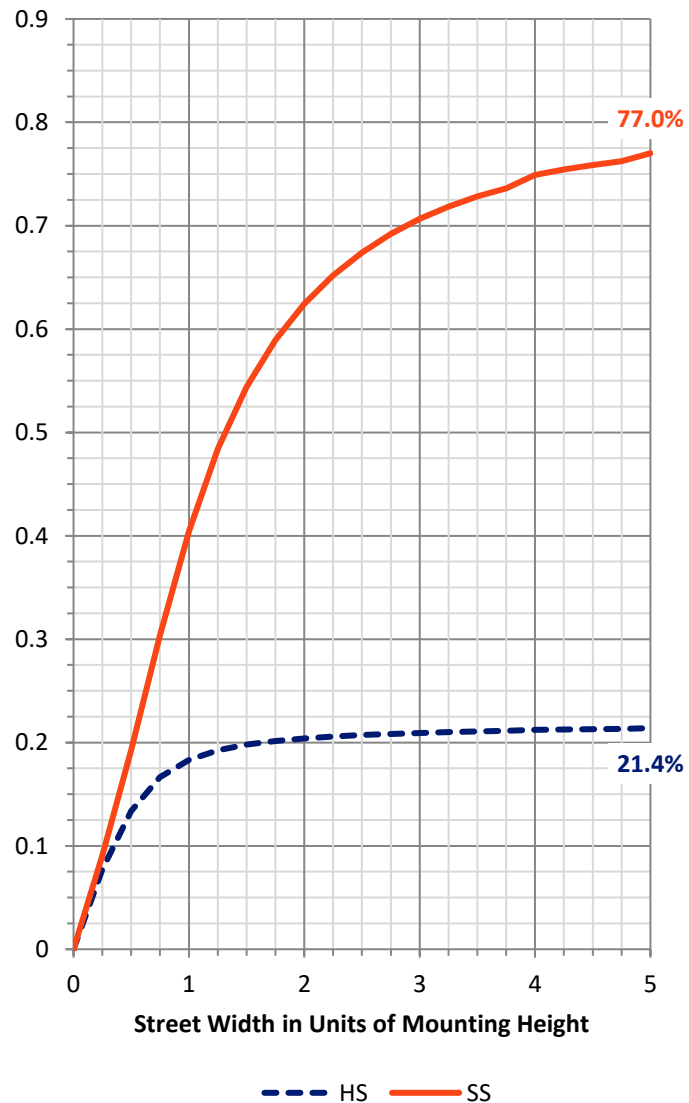
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1206.7	0.0	1206.7
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	4358.2	0.0	4358.2
	% Fixture	78.3	0.0	78.3
Total	Lumens	5564.9	0.0	5564.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.1	1.2
10°-20°	212.0	3.8
20°-30°	376.7	6.8
30°-40°	593.1	10.7
40°-50°	872.9	15.7
50°-60°	1159.5	20.8
60°-70°	1277.2	23.0
70°-80°	801.3	14.4
80°-90°	204.1	3.7
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°	5564.9	100.0
0°-180°	5564.9	100.0

Coefficient of Utilization



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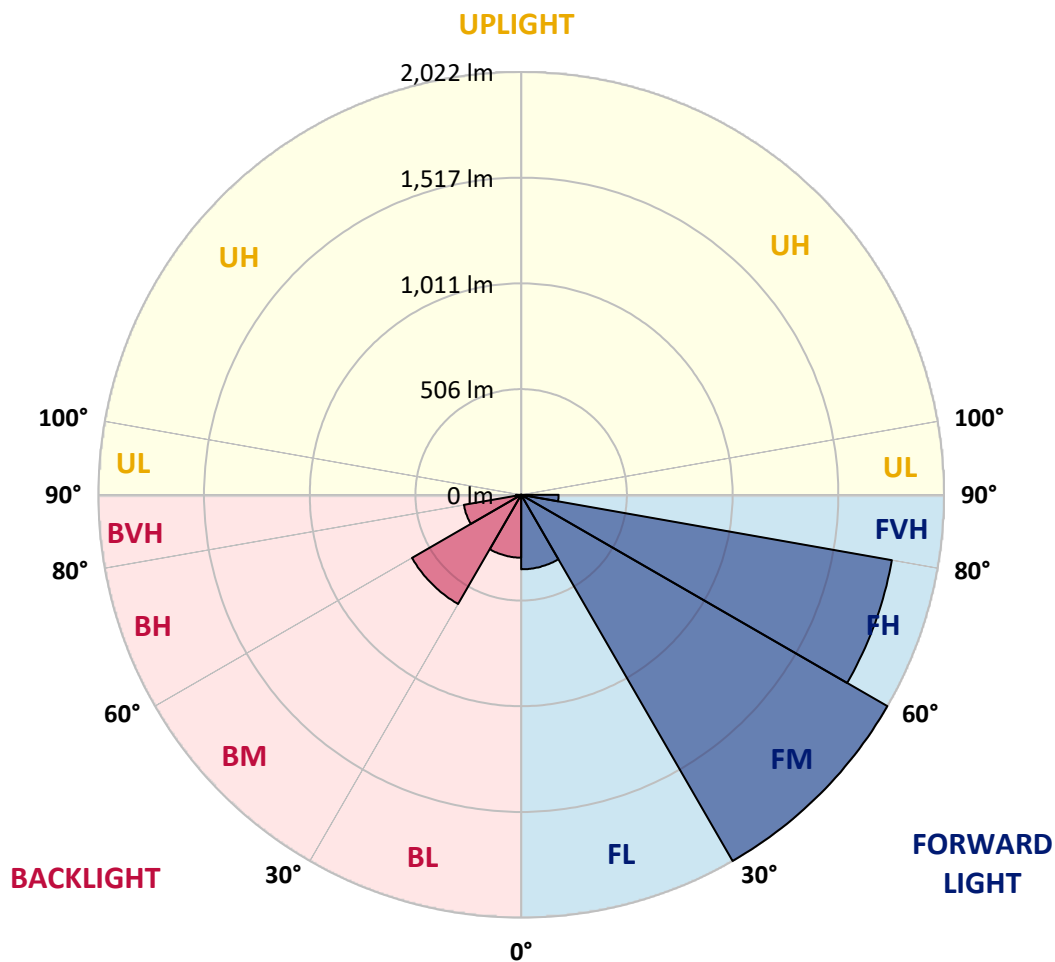
CATALOG NUMBER: AVS-E02-LED-E-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	356.3	6.4			
FM	(30°-60°)	2022.4	36.3			
FH	(60°-80°)	1800.3	32.4			G2/5000
FVH	(80°-90°)	179.1	3.2			G2/225
BL	(0°-30°)	300.4	5.4	B1/500		
BM	(30°-60°)	603.2	10.8	B1/1000		
BH	(60°-80°)	278.2	5.0	B1/500		G1/500
BVH	(80°-90°)	25.0	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4
2.5°	689.9	691.3	691.3	690.7	690.7	692.0	691.3	690.7	688.7	691.3	691.3
5°	684.7	686.0	686.0	687.4	688.7	689.9	689.9	691.3	690.7	693.4	695.3
7.5°	691.3	692.6	695.3	698.7	700.6	705.3	705.3	708.7	710.1	712.0	711.3
10°	700.0	703.3	709.3	714.7	718.7	724.0	728.0	732.6	732.6	734.7	736.0
12.5°	715.3	718.7	725.3	732.0	738.0	744.7	750.7	755.3	760.0	761.3	764.0
15°	740.6	744.7	754.7	764.0	771.3	780.0	788.0	797.3	806.0	808.0	809.3
17.5°	778.7	786.6	794.0	810.7	821.3	832.6	845.3	858.7	861.3	875.3	878.7
20°	832.6	842.7	849.3	870.1	888.0	902.7	921.3	936.7	942.7	956.0	969.3
22.5°	926.0	924.0	934.0	954.7	968.0	997.3	1013.4	1029.3	1037.3	1057.3	1068.0
25°	1051.3	1062.0	1084.0	1086.0	1098.7	1132.6	1153.4	1169.3	1169.9	1176.0	1187.4
27.5°	1174.7	1218.7	1253.4	1272.0	1306.0	1337.3	1336.0	1358.7	1323.3	1330.7	1341.3
30°	1324.0	1397.3	1462.7	1506.6	1541.3	1578.0	1596.0	1608.7	1593.4	1586.6	1574.0
32.5°	1464.0	1566.6	1667.4	1745.3	1809.9	1870.7	1910.7	1928.7	1950.1	2004.0	2023.3
35°	1560.0	1705.3	1830.7	1943.3	2051.3	2148.0	2218.0	2258.0	2242.7	2235.3	2231.3
37.5°	1617.3	1794.7	1951.3	2110.7	2234.7	2379.4	2488.0	2593.4	2617.3	2575.3	2554.7
40°	1653.4	1863.3	2064.7	2252.6	2413.4	2600.0	2734.7	2892.6	3012.6	3028.7	2979.4
42.5°	1670.7	1909.3	2144.0	2356.7	2574.0	2802.7	2973.4	3164.7	3344.0	3467.4	3436.7
45°	1673.4	1939.4	2202.0	2450.7	2709.3	2980.6	3200.6	3412.6	3652.6	3864.0	3870.1
47.5°	1673.4	1962.0	2242.0	2518.7	2830.7	3135.3	3375.3	3626.0	3920.0	4169.9	4246.6
50°	1674.7	1977.3	2279.4	2572.0	2923.3	3266.0	3537.3	3833.4	4142.7	4414.7	4562.7
52.5°	1680.6	1988.7	2308.7	2609.9	2983.3	3358.0	3663.3	4004.7	4312.6	4592.0	4783.3
55°	1694.0	2004.7	2329.9	2633.4	3023.3	3418.0	3754.7	4122.0	4422.7	4706.0	4973.4
57.5°	1731.3	2032.6	2356.0	2654.0	3045.3	3457.3	3818.7	4172.6	4464.7	4760.0	5074.0
60°	1806.0	2092.0	2400.6	2695.3	3082.0	3529.9	3849.3	4138.7	4434.0	4744.0	5096.7
62.5°	1925.3	2184.7	2462.7	2765.3	3186.6	3642.7	3826.0	4037.3	4313.4	4651.3	5016.0
63°	1966.6	2204.7	2476.7	2780.6	3215.3	3663.3	3816.0	4007.4	4288.7	4622.0	4987.4
65°	2082.0	2293.4	2543.3	2858.0	3333.4	3684.0	3738.0	3851.3	4118.0	4454.7	4818.0
67.5°	2297.3	2508.7	2686.6	2988.7	3432.6	3602.7	3496.0	3510.1	3788.7	4137.3	4464.0
70°	2433.4	2685.3	2778.0	3005.3	3414.7	3482.0	3182.7	2997.3	3220.6	3618.0	3904.0
72.5°	2398.0	2687.4	2677.3	2783.3	3054.7	3117.3	2807.4	2515.3	2648.0	2944.7	3129.9
75°	2054.0	2400.0	2326.6	2305.3	2400.6	2442.0	2209.3	2164.7	2332.0	2496.7	2499.4
77.5°	1478.7	1859.4	1773.4	1649.9	1643.3	1738.7	1769.9	2062.7	2310.1	2440.0	2382.7
80°	942.0	1354.7	1265.3	1049.9	1046.6	1170.7	1446.0	1844.0	2106.0	2178.7	2029.3
82.5°	492.0	886.6	920.6	788.0	902.0	1107.4	1376.0	1486.0	1585.3	1595.3	1419.4
85°	306.6	545.3	641.3	662.0	814.7	982.0	980.0	941.3	897.3	768.0	694.7
87.5°	34.7	68.7	104.0	98.7	132.6	186.0	232.0	136.0	95.3	34.7	48.0
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4
2.5°	692.6	693.4	694.0	694.0	697.3	696.7	697.3	698.7	700.6	702.0	703.3
5°	698.0	698.0	700.6	702.7	706.6	709.3	710.7	714.7	719.4	718.0	722.0
7.5°	715.3	714.7	717.3	718.7	722.0	726.6	726.0	729.3	733.4	734.7	738.0
10°	738.7	736.7	736.7	735.3	736.0	734.7	734.7	734.7	737.3	736.7	739.4
12.5°	762.7	762.0	760.6	756.7	756.7	751.3	748.7	745.3	744.7	740.0	740.6
15°	812.0	812.0	809.3	801.3	794.7	790.1	783.3	778.7	772.0	763.3	758.7
17.5°	884.0	874.7	871.3	870.1	859.4	855.3	840.6	825.3	818.0	806.0	799.4
20°	972.0	969.9	956.7	950.1	936.7	918.0	899.4	879.4	867.4	852.6	844.7
22.5°	1071.3	1056.7	1049.9	1040.0	1019.4	998.0	969.9	943.3	924.7	914.7	908.7
25°	1187.4	1172.6	1166.0	1152.6	1127.4	1104.7	1070.1	1038.7	1022.0	1005.3	996.0
27.5°	1341.3	1327.4	1319.4	1284.7	1276.0	1238.7	1196.0	1153.4	1131.3	1106.6	1090.7
30°	1571.3	1572.0	1530.7	1488.7	1445.3	1380.6	1336.0	1288.0	1252.0	1216.7	1181.3
32.5°	1960.0	1860.6	1784.0	1694.0	1600.0	1531.3	1476.0	1418.7	1368.7	1317.3	1258.7
35°	2197.3	2149.3	2049.9	1885.3	1790.7	1707.4	1646.0	1576.7	1515.3	1424.7	1335.3
37.5°	2465.3	2354.0	2233.4	2142.0	2034.7	1938.0	1835.3	1756.7	1650.7	1528.7	1402.0
40°	2856.7	2697.3	2552.0	2429.3	2290.7	2189.3	2074.7	1960.6	1820.0	1643.3	1469.3
42.5°	3265.3	3100.6	2908.7	2749.3	2586.0	2467.4	2325.3	2165.3	1958.7	1740.0	1527.4
45°	3694.0	3474.0	3244.0	3049.3	2879.4	2732.0	2556.0	2344.0	2092.0	1826.6	1581.3
47.5°	4116.7	3864.0	3590.1	3380.6	3159.4	2979.4	2763.3	2495.3	2196.0	1908.7	1635.3
50°	4489.3	4246.0	3916.0	3649.9	3426.0	3204.0	2934.7	2612.0	2278.0	1979.4	1684.0
52.5°	4810.7	4601.3	4254.0	3918.0	3660.0	3410.7	3072.6	2706.0	2360.6	2044.7	1724.0
55°	5046.6	4907.4	4587.4	4170.7	3866.0	3568.7	3189.3	2796.7	2438.7	2096.7	1750.1
57.5°	5224.7	5147.4	4872.6	4408.7	4055.3	3722.0	3310.1	2905.3	2516.0	2141.3	1762.0
60°	5322.0	5343.3	5088.7	4616.7	4222.7	3849.9	3430.7	2998.0	2573.4	2167.4	1755.3
62.5°	5312.6	5443.3	5250.7	4744.7	4320.0	3926.0	3512.0	3041.3	2565.3	2126.0	1694.7
63°	5294.7	5446.6	5268.7	4753.4	4326.0	3928.7	3514.0	3035.3	2548.7	2106.0	1670.7
65°	5139.4	5369.9	5253.4	4714.0	4272.6	3878.7	3472.0	2948.7	2431.3	1998.7	1547.4
67.5°	4723.3	5012.0	4978.7	4436.0	4020.0	3672.0	3257.3	2669.3	2141.3	1734.7	1311.3
70°	4036.0	4307.4	4313.4	3858.0	3510.7	3169.3	2824.7	2172.0	1697.3	1344.7	978.0
72.5°	3093.4	3268.0	3328.7	3028.7	2796.0	2556.0	2246.6	1576.7	1209.9	914.7	636.7
75°	2395.3	2347.4	2346.6	2220.0	2125.3	2008.0	1668.0	1064.0	794.7	594.7	389.3
77.5°	2153.4	1940.0	1733.4	1581.3	1505.3	1466.0	1094.0	641.3	468.7	342.0	224.0
80°	1776.0	1461.3	1180.6	1016.7	951.3	996.7	609.9	346.6	256.7	194.7	145.3
82.5°	1224.7	1016.7	772.6	640.0	549.3	574.7	312.0	177.3	118.7	108.7	89.9
85°	638.0	559.4	472.0	405.3	358.0	314.7	162.0	84.7	49.3	43.3	39.4
87.5°	0.0	0.6	0.0	0.0	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	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4
2.5°	705.3	704.7	706.0	706.6	708.7	710.1	710.7	709.3	711.3	713.4	712.0
5°	724.0	728.7	729.3	731.3	731.3	735.3	735.3	735.3	734.7	735.3	734.0
7.5°	740.0	746.0	746.6	749.3	750.1	754.7	752.6	754.0	754.0	750.7	749.3
10°	742.0	748.0	751.3	754.7	759.4	765.3	765.3	768.7	768.7	766.0	765.3
12.5°	742.7	747.4	750.7	755.3	762.0	770.7	775.3	780.0	782.0	781.3	779.4
15°	756.7	756.7	757.3	761.3	766.0	776.7	783.3	788.7	792.0	790.7	787.4
17.5°	793.4	788.0	784.0	777.3	778.7	784.0	788.0	792.6	793.4	792.0	786.6
20°	836.0	829.3	819.4	808.7	803.3	799.4	796.7	796.7	794.7	788.0	779.4
22.5°	896.7	888.0	874.0	858.0	847.4	834.7	819.4	804.7	788.7	772.6	754.0
25°	980.6	968.7	954.0	929.3	906.6	880.0	848.7	816.0	778.0	744.7	717.3
27.5°	1065.3	1038.7	1000.6	966.6	924.7	884.7	840.0	800.0	751.3	711.3	681.3
30°	1135.3	1084.7	1030.1	976.0	920.6	866.6	813.4	765.3	712.0	671.3	642.0
32.5°	1189.3	1119.4	1043.3	972.6	904.7	838.7	777.3	724.0	670.1	628.0	596.7
35°	1239.4	1142.0	1045.3	958.0	874.0	805.3	736.0	678.0	620.6	576.7	542.7
37.5°	1276.7	1152.6	1033.4	930.7	834.0	757.3	686.6	627.4	568.7	520.6	482.0
40°	1300.6	1146.0	1007.4	891.3	786.6	706.0	634.0	572.6	516.0	463.3	416.7
42.5°	1320.0	1137.3	981.3	855.3	749.3	661.3	587.4	521.3	464.0	406.6	355.3
45°	1348.7	1144.0	969.9	829.9	716.0	623.3	542.0	473.4	413.4	357.3	308.0
47.5°	1376.7	1147.4	953.4	798.7	674.0	584.0	501.3	434.7	373.4	322.0	276.7
50°	1402.0	1145.3	927.4	758.7	633.4	544.7	464.7	398.0	337.3	289.9	247.4
52.5°	1414.0	1134.0	895.3	720.0	600.6	510.1	428.7	364.0	304.0	259.4	220.0
55°	1412.6	1104.7	853.4	683.3	564.7	473.4	393.4	329.3	275.3	234.0	200.0
57.5°	1392.6	1059.4	808.7	642.7	517.3	428.0	352.0	289.9	244.7	209.9	181.3
60°	1350.7	1001.3	750.1	583.3	458.0	372.0	300.6	247.4	210.7	184.0	165.3
62.5°	1272.0	918.0	676.7	500.6	378.0	299.4	237.3	202.7	175.3	159.4	150.7
63°	1248.7	895.3	645.3	480.6	359.4	282.7	224.0	188.0	168.0	154.0	146.0
65°	1132.6	784.0	540.0	388.0	279.4	218.0	180.0	152.6	140.6	134.7	134.0
67.5°	917.3	616.7	382.0	266.0	190.1	157.3	138.0	126.6	121.3	120.0	121.3
70°	644.0	389.3	242.7	176.7	140.6	126.6	118.0	113.4	110.1	110.7	112.0
72.5°	410.7	233.4	166.6	134.0	118.7	111.3	107.4	106.0	105.3	104.7	104.7
75°	234.0	155.3	128.0	116.0	108.0	102.0	98.7	97.3	98.0	98.7	97.3
77.5°	154.7	128.0	114.0	106.0	98.7	92.0	89.9	89.3	90.7	92.0	92.0
80°	122.0	114.0	106.0	98.0	86.0	81.3	82.7	83.3	82.7	83.3	81.3
82.5°	86.0	84.7	86.6	83.3	71.3	67.4	66.0	66.6	65.3	65.3	64.0
85°	40.0	40.0	42.0	42.0	40.6	41.3	44.7	48.7	50.7	48.7	46.0
87.5°	0.0	0.0	0.0	0.0	0.0	6.0	12.0	17.3	18.7	23.3	22.7
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: P153170

CATALOG NUMBER: AVS-E02-LED-E-U-SLL

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4
2.5°	710.1	711.3	710.7	710.1	711.3	710.1	710.7	710.1	710.1	709.3	709.3
5°	732.6	734.7	730.7	729.9	728.7	725.3	725.3	724.0	724.0	721.3	719.4
7.5°	747.4	748.0	744.7	744.0	740.6	737.3	734.7	732.0	731.3	729.3	725.3
10°	761.3	760.0	757.3	754.0	750.7	746.0	742.7	739.4	738.7	735.3	730.7
12.5°	773.4	772.6	767.4	764.0	758.7	754.0	750.1	746.0	744.0	740.0	733.4
15°	781.3	777.3	770.7	764.7	758.7	753.4	748.7	744.0	742.0	737.3	730.7
17.5°	778.0	770.7	762.0	754.7	746.6	740.0	736.0	731.3	728.0	725.3	716.0
20°	766.0	755.3	742.0	733.4	722.7	714.0	711.3	706.6	704.0	694.0	682.0
22.5°	734.7	719.4	702.7	689.9	678.0	669.3	662.7	658.0	651.3	645.3	626.6
25°	695.3	678.0	660.6	645.3	629.3	616.0	604.0	592.6	589.3	576.7	558.7
27.5°	657.3	638.0	620.6	602.7	582.0	565.3	544.7	528.7	518.0	504.7	488.0
30°	616.7	597.3	574.0	550.1	526.0	508.0	484.7	465.3	452.0	438.0	422.7
32.5°	565.3	542.0	514.0	487.4	465.3	444.0	420.6	402.0	388.7	376.0	361.3
35°	506.6	476.0	446.0	416.7	393.4	375.3	354.7	340.6	331.3	320.0	304.7
37.5°	439.4	404.7	372.6	350.1	329.3	312.0	297.3	288.7	278.7	272.6	263.3
40°	371.3	337.3	306.0	285.3	268.0	258.0	249.9	248.0	241.3	233.4	227.4
42.5°	311.3	278.7	248.0	231.3	220.0	217.3	213.4	213.4	209.9	204.0	200.0
45°	270.7	236.7	209.9	198.0	192.0	191.3	189.3	189.3	188.7	186.0	181.3
47.5°	241.3	210.7	190.1	182.7	181.3	180.0	178.0	177.3	176.7	174.7	172.0
50°	214.7	188.7	175.3	172.0	172.6	170.7	168.7	166.6	166.0	164.0	161.3
52.5°	190.1	171.3	162.7	160.6	160.6	160.6	159.4	159.4	158.0	157.3	154.7
55°	176.0	162.0	157.3	156.7	156.0	155.3	154.0	154.0	152.6	152.0	148.7
57.5°	164.0	155.3	152.6	151.3	150.7	149.3	148.7	148.7	148.7	148.7	144.7
60°	154.7	150.7	150.1	148.7	148.0	145.3	144.0	143.3	144.0	144.7	140.6
62.5°	144.7	144.0	143.3	142.0	141.3	138.7	136.7	135.3	136.7	138.0	137.3
63°	142.0	141.3	141.3	140.6	140.0	136.7	134.7	133.4	134.7	136.0	136.0
65°	132.6	133.4	133.4	132.6	132.0	129.9	127.4	126.0	126.6	128.7	129.3
67.5°	122.7	123.3	122.7	123.3	122.7	121.3	119.4	118.0	117.3	118.0	118.7
70°	113.4	114.7	114.0	113.4	112.6	112.6	111.3	109.3	108.7	108.0	108.0
72.5°	105.3	105.3	104.0	104.0	103.3	103.3	102.0	100.0	99.4	99.4	98.0
75°	96.7	96.7	94.7	94.7	93.4	94.0	92.6	90.7	89.9	89.9	89.3
77.5°	91.3	89.3	86.0	85.3	84.7	84.7	84.0	82.0	81.3	81.3	80.6
80°	80.6	76.7	73.4	72.6	73.4	74.7	74.7	73.4	73.4	73.4	73.4
82.5°	62.7	61.3	59.4	58.0	58.0	60.0	62.7	64.0	65.3	66.6	66.6
85°	46.0	46.6	46.0	44.0	43.3	45.3	48.0	50.7	51.3	54.0	53.4
87.5°	24.7	25.3	23.3	22.7	24.7	26.0	28.7	29.3	30.7	31.3	32.0
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: AVS-E02-LED-E-U-SLL

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4
2.5°	708.7	708.0	708.7	707.4	707.4	706.0	704.7	704.0	702.7	702.0	700.6
5°	720.6	718.7	716.7	716.0	713.4	710.7	708.7	705.3	702.7	698.0	696.7
7.5°	728.7	724.0	721.3	720.6	716.7	714.7	710.1	706.0	702.0	696.0	694.0
10°	732.0	727.4	722.7	720.6	716.0	712.6	708.0	702.0	698.7	692.6	691.3
12.5°	736.0	727.4	720.0	714.7	708.0	700.6	696.0	692.6	688.0	684.7	683.3
15°	728.7	717.3	706.0	696.0	685.3	677.3	672.6	667.4	662.0	660.0	660.0
17.5°	708.7	694.0	674.7	662.0	650.7	642.0	636.0	630.7	629.9	627.4	628.7
20°	667.4	648.0	629.3	620.0	613.4	608.0	602.0	599.4	597.3	593.4	592.0
22.5°	609.9	594.0	580.6	574.0	568.7	562.0	556.7	548.7	546.6	542.7	540.6
25°	546.6	534.0	522.7	518.0	514.7	505.3	502.0	491.3	484.0	479.4	482.0
27.5°	483.3	474.0	463.3	457.3	455.3	446.6	443.3	431.3	425.3	425.3	418.7
30°	418.0	409.3	402.7	396.0	394.7	384.0	375.3	370.7	364.0	361.3	356.7
32.5°	356.7	348.0	342.7	339.4	334.0	325.3	316.7	308.7	298.0	294.0	292.0
35°	300.0	293.4	286.6	284.0	276.7	267.4	256.7	249.9	237.3	232.6	230.7
37.5°	256.7	248.7	244.0	236.7	229.3	219.4	211.3	205.3	200.6	198.7	198.7
40°	222.0	216.0	210.7	204.7	198.7	193.4	189.3	188.0	187.4	187.4	188.7
42.5°	196.0	190.7	188.0	184.7	182.7	182.7	182.0	182.7	183.3	184.0	186.0
45°	178.7	175.3	174.0	173.4	174.7	176.0	176.7	178.0	180.6	182.0	182.7
47.5°	169.3	166.6	166.0	166.6	168.7	171.3	174.0	176.0	178.0	178.7	179.4
50°	160.0	156.7	155.3	156.7	159.4	163.3	165.3	168.7	169.9	171.3	169.9
52.5°	152.0	149.3	148.7	148.7	151.3	154.0	156.7	159.4	160.0	160.0	159.4
55°	145.3	143.3	141.3	142.7	144.7	147.4	151.3	153.4	154.7	155.3	155.3
57.5°	140.0	138.0	136.0	137.3	139.4	142.0	146.0	148.0	149.3	151.3	152.0
60°	136.0	133.4	131.3	133.4	135.3	139.4	142.7	144.7	148.0	148.7	148.7
62.5°	132.0	129.3	126.0	128.0	128.0	129.9	133.4	136.0	139.4	140.6	140.6
63°	131.3	128.7	125.3	126.6	126.6	128.0	130.7	133.4	137.3	138.7	138.0
65°	126.0	125.3	122.0	122.0	120.6	122.0	124.0	126.6	128.7	130.7	130.7
67.5°	117.3	116.7	116.0	116.0	116.0	117.3	118.7	120.6	122.7	124.0	123.3
70°	107.4	107.4	107.4	108.0	108.0	109.3	110.1	109.3	111.3	112.6	112.0
72.5°	98.7	98.0	97.3	98.7	98.0	98.0	99.4	98.7	100.6	100.6	101.3
75°	89.3	88.7	88.7	89.3	88.0	86.6	87.4	87.4	88.0	88.0	89.3
77.5°	81.3	81.3	81.3	80.6	79.4	78.7	78.0	78.0	78.0	78.0	78.7
80°	74.0	74.0	74.0	73.4	72.0	70.7	69.3	68.7	68.0	64.7	64.7
82.5°	66.6	66.6	66.6	66.6	66.0	64.7	62.7	57.3	54.7	52.0	52.6
85°	52.6	54.0	55.3	57.3	56.7	56.7	52.6	46.0	42.0	39.4	40.0
87.5°	34.0	30.1	30.1	29.3	28.0	26.6	26.6	22.7	18.7	16.7	17.3
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: AVS-E02-LED-E-U-SLL

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	699.4	0°
2.5°	700.6	699.4	698.0	698.0	696.0	696.0	694.7	697.3	694.7	692.6	692.6	2.5°
5°	695.3	694.0	689.9	689.3	686.6	686.6	686.6	685.3	685.3	684.0	683.3	5°
7.5°	692.0	688.7	685.3	683.3	683.3	682.0	684.7	683.3	684.0	684.0	684.7	7.5°
10°	689.3	686.6	685.3	684.7	684.7	686.6	688.7	689.3	688.7	689.3	689.3	10°
12.5°	682.7	684.0	684.7	687.4	690.7	694.7	699.4	700.0	701.3	701.3	702.7	12.5°
15°	661.3	664.7	668.7	675.3	684.0	692.6	701.3	708.7	715.3	718.7	721.3	15°
17.5°	631.3	634.7	642.0	649.3	660.6	673.4	688.0	700.6	714.7	727.4	740.0	17.5°
20°	590.7	596.0	598.0	611.3	624.7	642.0	659.4	679.4	703.3	727.4	752.0	20°
22.5°	538.0	544.0	553.4	564.0	578.0	599.4	620.0	651.3	683.3	717.3	756.0	22.5°
25°	479.4	486.0	494.0	505.3	519.4	542.0	572.0	605.3	644.7	689.3	737.3	25°
27.5°	418.7	425.3	432.0	440.0	456.0	480.0	515.3	550.1	593.4	642.0	698.0	27.5°
30°	358.0	358.7	362.7	372.6	389.3	420.6	446.6	489.9	535.3	586.6	651.3	30°
32.5°	291.3	290.7	295.3	304.0	320.0	350.1	382.0	424.0	468.7	533.4	600.0	32.5°
35°	232.0	232.0	240.6	249.3	267.4	288.7	316.7	354.0	406.6	466.6	533.4	35°
37.5°	200.6	205.3	210.7	219.4	233.4	249.9	274.7	307.4	348.7	406.0	467.4	37.5°
40°	190.7	193.4	198.0	206.0	218.0	233.4	251.3	276.0	308.0	354.0	409.9	40°
42.5°	186.6	187.4	190.1	196.0	206.6	222.0	240.6	262.7	286.6	319.4	368.0	42.5°
45°	182.7	182.0	183.3	188.0	196.7	214.0	235.3	259.4	283.3	310.7	350.7	45°
47.5°	179.4	179.4	179.4	181.3	189.3	206.6	231.3	259.4	288.0	318.7	358.0	47.5°
50°	169.9	169.3	169.3	170.7	176.7	195.3	224.7	258.7	296.0	336.0	380.6	50°
52.5°	159.4	159.4	160.0	160.6	166.0	184.7	217.3	258.7	305.3	358.7	414.7	52.5°
55°	156.0	156.7	157.3	156.7	160.6	176.7	209.3	254.7	309.3	376.7	451.3	55°
57.5°	153.4	154.7	154.7	154.0	156.7	169.9	201.3	246.6	306.0	383.3	477.3	57.5°
60°	149.3	149.3	149.3	147.4	148.7	160.6	189.3	234.0	295.3	377.3	481.3	60°
62.5°	140.6	140.6	139.4	138.7	138.0	147.4	173.4	215.3	276.0	361.3	471.3	62.5°
63°	138.7	138.0	138.0	136.0	136.0	144.7	169.9	212.6	270.7	357.3	467.4	63°
65°	131.3	131.3	131.3	129.9	129.3	136.0	156.7	194.0	249.9	338.7	447.4	65°
67.5°	123.3	124.0	122.7	122.0	121.3	125.3	141.3	170.7	218.0	299.4	409.9	67.5°
70°	112.0	112.6	112.6	112.0	111.3	114.0	124.0	146.6	180.6	249.3	349.3	70°
72.5°	102.0	103.3	103.3	104.7	104.7	106.6	110.7	122.0	144.7	194.7	274.7	72.5°
75°	91.3	92.0	93.4	94.7	93.4	92.6	93.4	102.0	113.4	144.0	196.0	75°
77.5°	82.0	84.0	84.0	83.3	81.3	80.0	80.0	84.0	93.4	109.3	140.0	77.5°
80°	68.0	71.3	72.0	70.1	68.0	68.0	69.3	72.0	78.0	89.9	106.0	80°
82.5°	54.7	58.0	58.7	59.4	58.7	60.6	60.6	61.3	64.7	74.0	86.6	82.5°
85°	42.0	44.7	46.6	47.4	48.0	48.7	48.0	44.7	46.6	52.6	58.7	85°
87.5°	18.7	19.4	18.0	18.7	18.0	18.7	19.4	16.0	15.3	20.6	21.3	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P153170

NUMBER: AVS-E02-LED-E-U-SLL

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
699.4	699.4	699.4	699.4	699.4	699.4	699.4
692.0	692.0	692.6	691.3	691.3	692.0	689.9
681.3	684.0	684.0	684.0	682.7	684.0	684.7
684.0	686.0	687.4	687.4	686.6	689.3	691.3
687.4	690.7	692.0	692.0	692.0	695.3	700.0
700.0	702.7	704.7	704.7	706.0	710.1	715.3
723.3	726.6	726.6	726.0	729.9	734.7	740.6
749.3	758.7	763.3	762.7	766.0	772.0	778.7
774.0	800.0	811.3	819.4	822.7	830.7	832.6
794.7	838.0	869.3	896.0	908.7	916.7	926.0
787.4	846.0	902.0	956.7	995.3	1034.7	1051.3
757.3	830.7	904.0	984.0	1054.0	1124.0	1174.7
720.6	808.7	907.4	1020.6	1131.3	1238.7	1324.0
678.7	788.0	914.7	1054.7	1200.0	1340.6	1464.0
626.0	748.7	896.7	1058.0	1229.3	1400.0	1560.0
559.4	695.3	854.7	1034.0	1230.7	1426.0	1617.3
492.6	628.0	801.3	999.4	1213.4	1432.0	1653.4
446.0	568.0	747.4	955.3	1185.3	1422.7	1670.7
414.0	524.7	699.4	915.3	1155.3	1406.0	1673.4
411.3	506.0	668.0	886.0	1131.3	1391.3	1673.4
434.0	516.0	657.3	871.3	1121.3	1386.6	1674.7
476.7	556.0	676.7	882.7	1129.3	1392.6	1680.6
528.0	616.7	728.7	922.0	1163.3	1412.6	1694.0
574.7	686.6	817.3	998.0	1225.3	1463.3	1731.3
602.0	746.6	911.3	1104.7	1331.3	1564.0	1806.0
605.3	780.0	994.7	1220.6	1460.0	1679.4	1925.3
602.7	782.7	1005.3	1242.7	1487.4	1708.0	1966.6
588.0	783.3	1035.3	1320.0	1582.0	1828.7	2082.0
550.7	762.0	1046.0	1380.6	1701.3	1987.4	2297.3
486.0	701.3	1014.7	1382.0	1747.4	2076.0	2433.4
390.7	586.0	879.4	1257.3	1626.0	1988.7	2398.0
286.0	430.7	664.7	974.0	1326.6	1655.3	2054.0
190.1	278.7	448.0	694.0	951.3	1191.3	1478.7
130.7	172.6	262.0	417.3	582.0	698.7	942.0
96.0	114.0	145.3	213.4	280.0	344.7	492.0
60.0	65.3	72.6	105.3	150.7	203.3	306.6
16.0	16.7	15.3	20.6	32.6	31.3	34.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)