

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: P155238

Luminaire Tested: **AVM-E02-LED-E-U-T3-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155238
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33724)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: AVM-E02-LED-E-U-T3-HSS-8030
Description: VISION SITE MEDIUM LED LUMINAIRE
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2752 lumens
Efficiency: N/A
Efficacy: 52.8 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

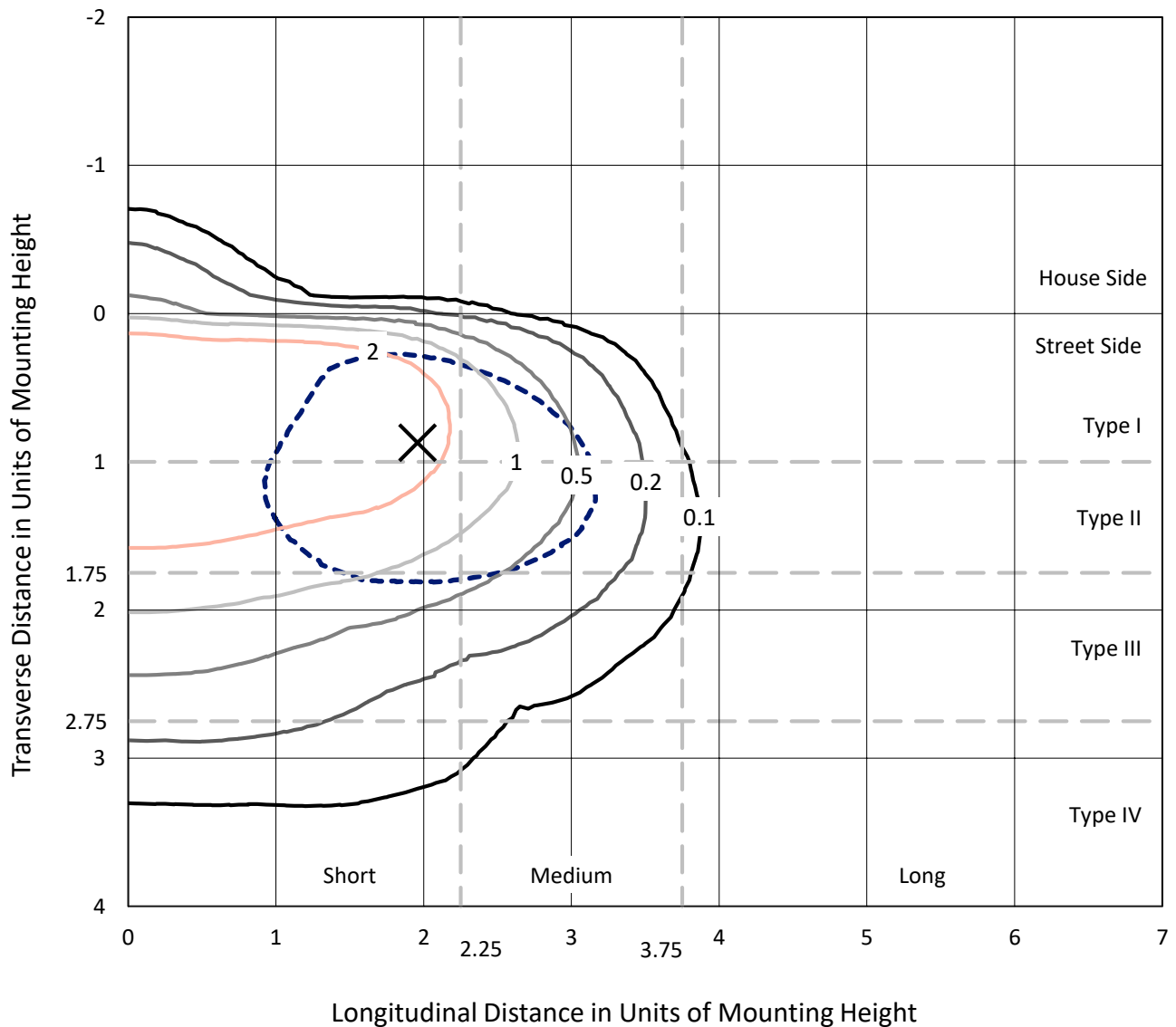
Input Watts (W): 52.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

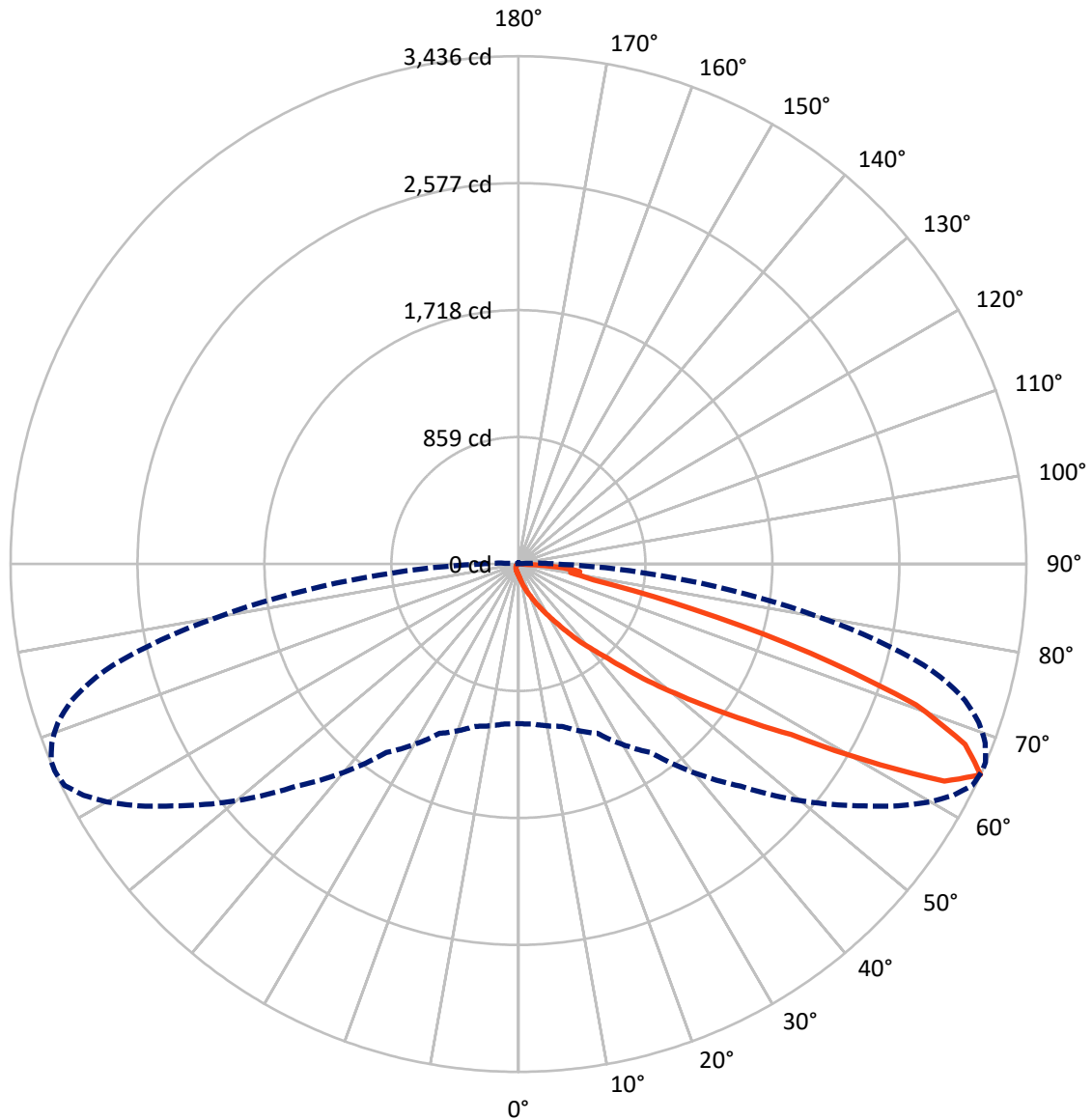
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 4 fc
 Type III - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical



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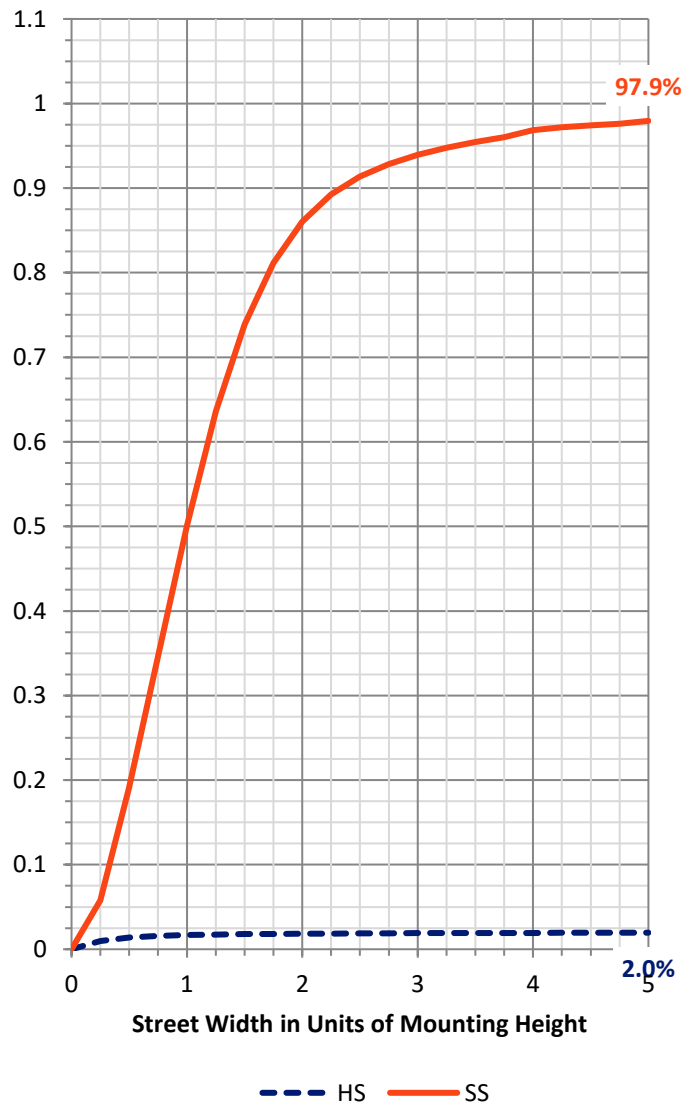
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	55.3	0.0	55.3
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	2696.7	0.0	2696.7
	% Fixture	98.0	0.0	98.0
Total	Lumens	2752.0	0.0	2752.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.4	0.3
10°-20°	44.7	1.6
20°-30°	102.2	3.7
30°-40°	194.5	7.1
40°-50°	390.3	14.2
50°-60°	690.7	25.1
60°-70°	902.4	32.8
70°-80°	371.0	13.5
80°-90°	46.7	1.7
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°	2752.0	100.0
0°-180°	2752.0	100.0



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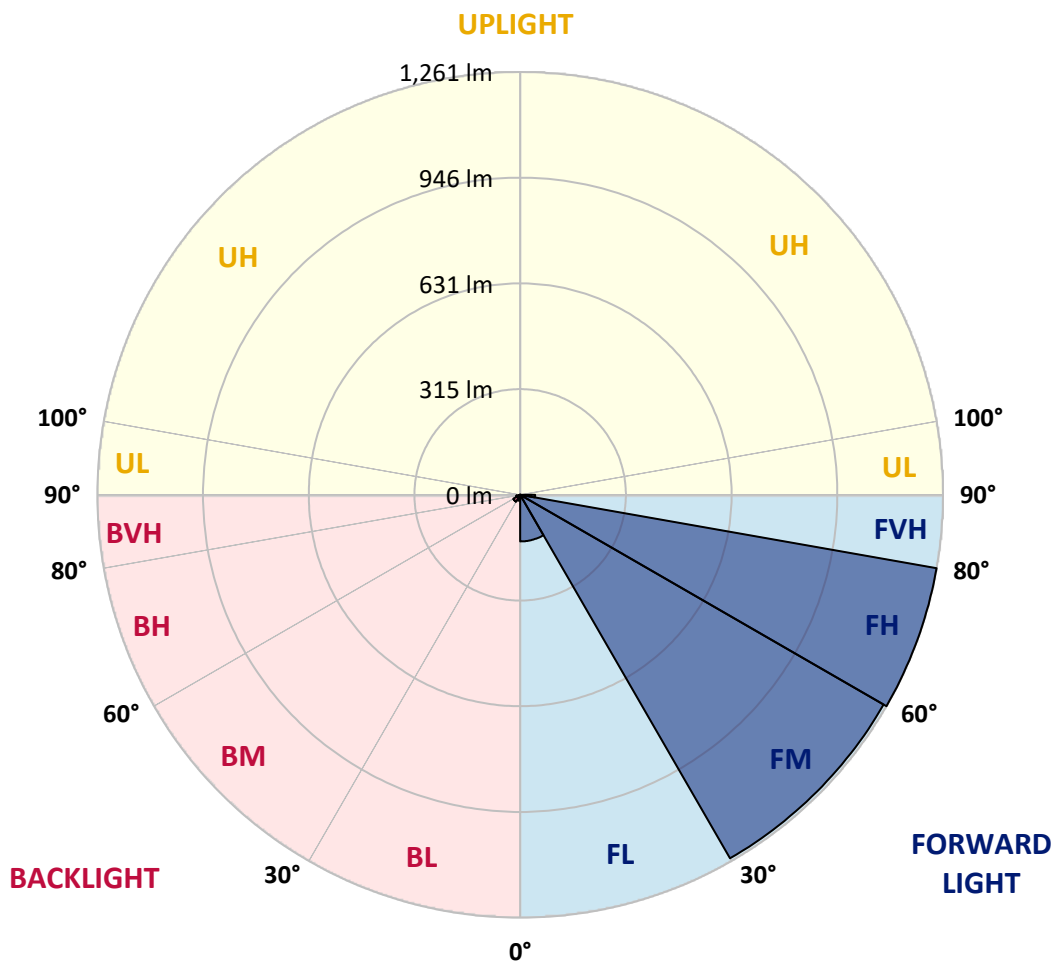
CATALOG NUMBER: AVM-E02-LED-E-U-T3-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	139.1	5.1			
FM	(30°-60°)	1251.8	45.5			
FH	(60°-80°)	1261.2	45.8			G1/1800
FVH	(80°-90°)	44.7	1.6			G1/100
BL	(0°-30°)	17.3	0.6	B0/110		
BM	(30°-60°)	23.7	0.9	B0/220		
BH	(60°-80°)	12.2	0.4	B0/110		G0/110
BVH	(80°-90°)	2.1	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2.5°	101.3	99.6	100.2	96.8	94.5	91.7	89.5	88.9	88.3	87.2	87.8
5°	145.7	144.0	140.1	133.4	127.2	117.6	108.0	107.5	105.8	104.1	103.0
7.5°	202.6	199.7	195.2	184.0	168.8	151.9	132.8	131.1	128.8	126.6	124.3
10°	268.4	266.7	258.3	245.3	222.3	194.7	162.6	160.9	155.9	153.0	150.8
12.5°	337.6	330.3	326.9	304.4	278.0	240.3	199.2	193.0	189.1	185.1	179.5
15°	389.9	391.0	383.2	365.2	334.2	290.3	239.1	232.4	226.8	219.4	212.7
17.5°	437.2	434.9	426.5	415.2	386.0	341.5	281.9	272.9	263.9	259.9	250.4
20°	475.4	474.3	467.6	456.9	434.4	391.6	326.9	319.6	309.5	302.7	292.0
22.5°	505.8	505.8	501.9	495.7	473.8	439.4	374.7	366.9	356.7	348.3	336.5
25°	530.0	529.5	530.0	527.2	512.6	481.1	423.7	414.7	406.2	396.1	384.9
27.5°	557.6	558.7	557.6	555.9	549.7	524.4	473.2	467.0	457.4	446.8	435.5
30°	600.4	597.0	596.4	595.3	588.0	572.2	524.4	517.1	509.8	502.5	494.6
32.5°	645.4	639.7	638.1	638.1	633.0	618.9	583.5	579.5	568.8	563.2	556.5
35°	696.6	694.3	692.1	692.6	690.4	675.8	646.5	647.6	644.2	633.0	626.2
37.5°	771.4	772.0	768.0	760.7	760.7	747.8	730.9	728.6	720.2	717.4	713.5
40°	878.3	875.5	872.1	861.4	857.5	835.6	819.8	814.2	807.4	806.9	802.4
42.5°	1002.1	998.7	998.7	990.8	983.0	956.5	926.7	922.8	915.4	917.7	916.0
45°	1116.9	1119.7	1123.6	1129.3	1130.4	1119.1	1075.8	1070.7	1066.8	1064.6	1062.9
47.5°	1215.9	1221.0	1233.9	1258.1	1289.1	1293.0	1258.7	1245.2	1242.4	1238.4	1235.0
50°	1286.8	1294.1	1323.4	1370.6	1430.8	1468.0	1449.4	1438.2	1437.6	1426.9	1425.8
52.5°	1327.3	1335.2	1383.0	1454.5	1547.9	1620.5	1643.5	1643.0	1641.8	1632.3	1628.3
55°	1336.3	1344.8	1402.2	1499.5	1632.8	1758.3	1846.7	1848.9	1854.0	1851.2	1851.2
57.5°	1311.6	1322.3	1384.7	1505.1	1677.3	1867.5	2060.5	2073.4	2079.6	2101.5	2126.9
60°	1266.0	1273.9	1336.3	1470.8	1685.2	1967.1	2338.4	2379.5	2411.6	2454.9	2496.0
62.5°	1181.6	1197.3	1257.0	1403.3	1661.5	2081.8	2670.4	2746.3	2808.8	2874.6	2954.0
65°	1079.2	1085.9	1136.6	1264.3	1555.8	2125.7	2853.8	2928.1	3008.0	3078.3	3149.2
67.5°	950.9	956.5	1000.4	1055.0	1284.0	1920.4	2673.2	2755.3	2827.4	2885.3	2978.2
70°	622.9	635.2	742.7	796.7	897.4	1419.6	2185.9	2265.3	2320.4	2359.8	2467.3
72.5°	456.3	464.2	507.5	618.9	643.7	838.9	1538.3	1624.4	1644.7	1718.9	1769.0
75°	278.5	298.2	396.1	530.0	627.4	574.5	921.6	963.3	1010.0	1064.0	1111.8
77.5°	56.3	64.1	129.4	365.2	552.0	613.9	550.3	558.2	581.2	586.3	604.3
80°	9.0	9.6	16.9	157.5	319.6	496.3	550.3	543.0	530.0	521.0	512.0
82.5°	3.9	4.5	7.3	39.9	68.1	165.4	476.0	513.1	555.9	579.5	585.7
85°	1.7	1.7	2.8	7.9	10.1	11.3	80.5	106.3	189.6	252.1	290.3
87.5°	1.1	1.1	1.7	1.7	2.3	2.8	3.9	3.9	4.5	5.1	7.3
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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CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2.5°	87.8	87.2	87.2	85.5	85.5	85.0	85.0	84.4	84.4	83.3	83.8
5°	102.4	101.3	100.2	98.5	97.9	96.8	95.7	94.0	93.4	92.3	91.7
7.5°	122.1	121.0	118.7	115.3	113.1	110.8	108.6	106.3	104.7	103.0	101.8
10°	146.3	142.9	141.8	135.0	132.2	127.7	124.9	122.7	119.3	116.5	114.8
12.5°	175.6	172.7	167.1	158.1	153.6	149.7	144.6	140.1	136.7	131.7	128.3
15°	205.9	203.7	195.8	185.7	180.1	172.7	167.7	163.2	155.9	152.5	146.3
17.5°	244.2	237.4	229.6	214.9	207.6	201.4	192.4	185.7	181.2	171.0	165.4
20°	283.6	276.3	266.1	249.8	239.7	230.1	222.8	213.8	204.2	197.5	187.9
22.5°	328.6	316.8	308.9	288.6	276.8	266.7	254.3	244.8	235.2	224.5	213.8
25°	376.4	364.6	355.0	332.0	319.6	309.5	294.8	281.3	269.5	257.7	245.3
27.5°	426.5	415.8	405.1	381.5	370.8	356.7	343.2	327.5	312.3	301.6	284.7
30°	484.5	475.4	463.6	438.3	426.5	411.9	397.8	379.2	364.6	350.0	333.7
32.5°	546.9	539.6	527.2	504.7	490.6	478.3	463.1	445.1	424.2	409.1	389.9
35°	622.9	610.5	603.2	581.8	571.1	557.6	541.8	526.1	504.1	482.8	466.4
37.5°	709.5	703.9	694.3	674.1	666.2	652.1	642.0	626.2	609.4	582.4	564.9
40°	798.4	794.5	786.0	765.8	757.9	748.3	736.5	721.3	701.1	687.0	661.1
42.5°	911.5	905.3	898.6	879.4	864.2	852.4	847.4	834.4	813.0	795.0	774.8
45°	1055.0	1052.2	1043.2	1024.0	1008.9	1001.0	993.1	971.2	957.1	939.1	925.0
47.5°	1228.3	1219.3	1214.8	1193.4	1188.3	1182.1	1161.9	1149.5	1129.3	1115.2	1097.8
50°	1415.7	1406.1	1406.7	1380.8	1381.9	1377.4	1362.2	1347.6	1330.1	1317.8	1307.1
52.5°	1617.1	1621.6	1610.3	1618.2	1609.2	1599.1	1596.3	1578.3	1563.1	1562.5	1547.9
55°	1864.7	1857.3	1860.2	1868.0	1855.7	1866.9	1861.3	1838.2	1838.8	1843.3	1826.4
57.5°	2130.8	2141.5	2164.6	2169.6	2191.0	2176.4	2214.6	2187.1	2203.9	2203.9	2192.7
60°	2521.3	2564.0	2619.7	2663.1	2703.0	2690.1	2740.2	2708.6	2731.2	2712.0	2702.5
62.5°	2991.7	3048.5	3114.3	3184.7	3225.2	3235.3	3228.0	3242.1	3220.1	3206.0	3169.5
65°	3217.9	3274.1	3331.5	3415.9	3427.2	3435.6	3432.2	3408.6	3381.6	3341.6	3293.8
67.5°	3029.9	3108.7	3140.8	3238.1	3270.7	3258.9	3262.9	3232.5	3190.3	3150.9	3080.6
70°	2512.3	2602.3	2619.2	2758.7	2797.5	2853.8	2833.6	2824.6	2778.4	2745.2	2667.6
72.5°	1829.2	1899.5	1893.9	2050.9	2044.1	2067.2	2121.8	2119.5	2071.2	2060.5	1995.2
75°	1125.9	1168.1	1165.8	1277.2	1230.5	1223.8	1239.0	1232.2	1186.7	1139.4	1098.9
77.5°	596.4	615.6	595.3	562.1	558.7	521.0	510.3	509.8	474.9	432.1	400.6
80°	502.5	482.8	459.1	410.7	382.6	357.3	333.7	311.7	288.1	256.6	218.3
82.5°	586.9	577.3	560.4	499.6	470.4	419.7	382.0	346.6	303.3	270.6	221.7
85°	285.8	285.3	298.8	292.6	281.9	279.6	242.5	234.6	217.2	199.2	166.5
87.5°	7.9	5.6	6.8	5.6	6.8	7.3	5.1	11.8	7.3	6.8	7.9
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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CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2.5°	83.3	82.7	82.1	82.1	81.6	81.6	81.0	80.5	80.5	79.9	79.9
5°	90.6	89.5	88.9	88.3	87.2	86.6	85.5	85.0	83.8	83.3	82.1
7.5°	99.6	98.5	96.2	95.1	93.4	92.8	90.0	88.9	87.8	86.6	85.0
10°	110.8	108.0	105.8	103.5	100.7	98.5	96.2	94.5	92.3	89.5	88.3
12.5°	124.9	121.0	117.6	113.7	110.3	106.9	103.0	100.2	96.8	94.0	91.2
15°	140.7	135.0	130.5	124.9	119.3	115.3	111.4	107.5	103.0	99.0	95.7
17.5°	158.7	151.4	145.2	138.4	132.2	126.6	119.8	114.8	109.7	104.1	99.6
20°	177.8	170.5	162.0	154.7	145.7	139.5	131.1	124.3	117.0	111.4	105.2
22.5°	203.1	193.6	182.9	172.7	163.2	153.6	144.6	136.2	127.2	118.7	112.5
25°	232.9	221.1	207.6	197.5	184.0	173.3	162.0	151.4	141.8	131.1	121.0
27.5°	270.1	254.3	239.7	225.6	211.0	197.5	182.9	170.5	157.5	145.2	133.9
30°	313.4	298.2	276.3	260.5	245.9	227.3	212.7	196.4	181.7	163.7	151.4
32.5°	370.8	351.1	328.0	307.2	288.1	267.3	247.0	226.2	207.1	190.7	172.2
35°	445.6	422.6	395.0	368.5	347.2	321.8	296.0	272.3	250.4	226.8	203.7
37.5°	540.2	518.8	489.0	456.9	428.2	397.8	370.8	337.6	308.3	279.6	250.4
40°	634.1	614.4	583.5	549.2	512.0	477.1	442.8	405.1	368.0	332.0	301.6
42.5°	750.0	720.8	687.6	648.7	612.7	571.1	528.3	485.0	440.6	397.2	353.9
45°	895.8	873.2	826.5	784.9	742.1	693.2	640.3	590.8	534.0	482.8	425.4
47.5°	1073.0	1032.5	998.2	959.9	906.4	859.2	791.7	733.1	662.3	594.2	525.5
50°	1282.3	1259.8	1214.2	1166.4	1108.4	1052.2	986.3	901.9	817.0	744.4	650.4
52.5°	1527.1	1495.0	1466.3	1416.8	1357.7	1285.7	1210.8	1119.1	1015.0	912.6	812.5
55°	1817.4	1794.9	1767.3	1727.9	1652.5	1570.9	1480.9	1371.2	1248.0	1110.1	993.7
57.5°	2192.1	2168.5	2142.0	2061.0	2009.8	1909.7	1779.1	1665.5	1532.7	1356.0	1211.4
60°	2703.6	2671.5	2634.4	2568.5	2461.6	2331.7	2191.6	2023.3	1860.7	1667.7	1478.1
62.5°	3140.8	3089.6	3010.2	2925.3	2797.0	2647.9	2471.8	2273.7	2088.6	1871.4	1660.4
65°	3230.8	3160.5	3067.1	2956.2	2824.0	2655.8	2471.8	2282.2	2064.4	1860.2	1648.0
67.5°	2996.7	2915.1	2819.5	2695.7	2569.7	2396.4	2237.7	2044.7	1839.9	1663.2	1473.6
70°	2611.9	2490.9	2393.0	2261.3	2133.6	1997.4	1830.3	1685.7	1519.2	1356.6	1211.4
72.5°	1961.4	1842.2	1753.3	1648.0	1572.1	1428.0	1305.4	1197.3	1098.9	977.3	869.9
75°	1057.2	967.8	908.1	860.3	792.2	697.1	638.6	564.3	522.7	472.1	423.1
77.5°	344.9	303.8	259.4	216.1	185.7	139.5	135.0	107.5	101.3	98.5	76.0
80°	176.7	136.2	98.5	70.9	54.0	47.8	45.6	43.3	41.1	39.4	36.6
82.5°	177.2	128.3	88.3	61.3	44.5	37.1	34.9	33.8	32.1	30.4	28.1
85°	129.4	95.7	65.8	45.0	30.9	24.8	23.6	21.9	20.8	20.3	18.0
87.5°	8.4	6.2	5.6	5.1	5.1	5.1	5.6	5.1	5.6	5.6	5.1
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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CATALOG NUMBER: AVM-E02-LED-E-U-T3-HSS-8030

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2.5°	79.3	78.8	78.8	78.2	77.6	77.6	77.1	77.1	75.4	72.6	70.3
5°	81.6	80.5	79.9	79.3	78.8	77.6	77.1	76.5	73.7	68.1	63.6
7.5°	83.3	82.1	81.6	80.5	78.8	78.2	77.1	76.0	71.5	63.6	58.5
10°	86.1	84.4	82.7	81.0	79.3	78.2	76.5	75.4	68.6	59.6	54.6
12.5°	88.9	86.6	84.4	81.6	79.9	78.2	76.5	74.3	66.4	56.3	50.6
15°	92.3	88.9	86.1	83.3	80.5	78.2	75.4	73.7	64.1	53.5	48.4
17.5°	95.7	91.7	87.8	83.8	81.0	77.6	75.4	72.6	61.9	51.2	45.6
20°	99.6	94.0	90.0	85.5	81.6	77.6	74.3	71.5	59.6	48.4	42.8
22.5°	105.2	98.5	92.3	87.2	82.1	78.2	74.3	70.3	57.4	46.1	40.5
25°	112.5	104.1	96.8	90.6	84.4	79.3	74.8	70.9	55.7	44.5	37.7
27.5°	123.2	112.5	104.7	96.2	88.3	82.1	76.5	72.0	54.6	42.8	36.0
30°	136.2	125.5	113.1	103.0	94.5	86.1	79.9	73.1	53.5	41.1	33.8
32.5°	155.3	140.1	125.5	113.1	101.3	91.7	82.7	76.0	52.9	38.3	31.5
35°	182.9	162.0	144.6	128.3	112.0	100.2	89.5	80.5	52.3	36.0	29.3
37.5°	222.3	197.5	175.0	151.9	131.7	114.8	100.2	88.3	52.3	34.3	27.0
40°	264.5	232.4	203.7	175.0	149.1	127.7	108.0	93.4	51.2	32.1	24.8
42.5°	312.3	272.9	233.5	198.1	166.0	138.4	115.3	97.3	48.4	29.8	22.5
45°	376.4	324.7	277.4	231.8	190.2	154.2	124.9	101.8	45.6	28.1	20.3
47.5°	456.9	396.7	335.3	278.0	223.4	177.8	139.0	109.2	43.9	25.9	18.6
50°	576.7	491.2	410.2	337.0	267.8	208.2	159.8	119.8	42.2	24.2	16.9
52.5°	708.4	603.2	508.1	414.1	328.0	249.3	184.0	133.9	40.5	22.5	15.2
55°	868.7	739.3	623.4	501.3	391.0	297.1	213.8	149.7	38.3	20.8	14.1
57.5°	1066.8	903.1	765.8	616.7	478.3	359.0	253.8	176.1	36.0	18.6	12.4
60°	1287.9	1102.8	930.1	755.1	587.4	441.1	312.8	213.8	33.8	16.3	10.7
62.5°	1447.2	1244.0	1046.5	850.2	666.2	502.5	360.7	243.1	30.4	14.1	9.6
65°	1445.5	1239.5	1040.9	847.4	668.4	504.7	362.4	248.7	27.0	12.4	8.4
67.5°	1287.9	1114.6	937.4	763.5	607.1	459.1	335.3	230.7	23.1	11.3	7.3
70°	1059.5	921.6	781.5	643.7	518.2	393.3	289.8	200.9	19.7	10.1	6.2
72.5°	773.7	672.9	587.4	490.1	404.6	310.6	231.3	157.5	15.8	8.4	5.6
75°	384.3	343.8	294.8	264.5	225.6	184.6	143.5	91.7	12.9	6.8	5.1
77.5°	73.1	65.3	62.5	54.0	49.5	43.9	38.8	27.6	10.1	5.1	4.5
80°	33.8	30.9	28.1	25.3	22.5	19.1	16.9	14.6	7.9	3.9	5.1
82.5°	26.4	24.2	21.4	19.1	16.9	14.6	12.4	10.7	5.1	3.4	5.1
85°	17.4	15.2	13.5	11.8	10.1	9.0	7.9	6.8	3.4	3.4	3.4
87.5°	5.1	5.1	4.5	4.5	3.9	3.9	3.4	3.4	2.8	2.8	2.8
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):

	125°	135°	145°	155°	165°	175°	180°
0°	76.5	76.5	76.5	76.5	76.5	76.5	76.5
2.5°	68.1	65.3	64.1	63.6	63.6	64.1	63.6
5°	60.2	57.4	56.3	55.1	55.1	55.1	55.7
7.5°	55.1	52.3	50.6	50.1	49.5	50.1	50.1
10°	50.6	48.4	46.1	45.0	45.0	45.0	45.0
12.5°	47.3	44.5	42.2	41.6	41.1	41.1	41.1
15°	44.5	41.1	39.4	38.3	37.7	37.7	38.3
17.5°	41.1	38.3	36.0	35.4	35.4	35.4	35.4
20°	38.8	35.4	33.8	32.6	32.6	32.6	32.6
22.5°	36.0	33.2	30.9	29.8	29.8	29.8	29.8
25°	33.8	30.9	28.7	27.6	27.6	27.6	27.6
27.5°	31.5	28.7	26.4	25.3	25.3	25.3	25.3
30°	29.3	26.4	24.2	23.1	23.1	23.1	23.1
32.5°	27.6	24.2	21.9	20.8	20.8	21.4	20.8
35°	24.8	21.9	19.7	18.6	18.6	18.6	18.6
37.5°	22.5	19.7	17.4	16.3	16.3	16.3	15.8
40°	20.8	17.4	15.2	14.1	13.5	13.5	13.5
42.5°	18.0	14.6	12.9	11.8	11.3	11.3	11.3
45°	16.3	12.9	10.7	9.6	9.6	9.6	9.6
47.5°	14.6	11.3	9.0	7.9	7.9	8.4	8.4
50°	12.9	9.6	7.3	7.3	7.3	7.9	7.9
52.5°	11.3	8.4	6.8	6.8	7.3	7.9	7.9
55°	10.1	7.3	6.2	6.8	7.3	7.9	7.9
57.5°	9.0	6.2	6.2	6.8	7.3	7.9	7.9
60°	7.9	5.6	5.6	6.2	7.3	7.9	7.9
62.5°	6.8	5.6	5.6	6.2	7.3	7.9	7.9
65°	6.2	5.6	5.6	6.2	7.3	7.9	7.9
67.5°	5.6	5.1	5.6	6.2	6.8	7.3	7.3
70°	5.1	5.1	5.6	6.2	6.8	7.3	7.3
72.5°	5.1	5.1	5.1	5.6	6.2	6.8	6.8
75°	5.1	5.1	5.1	5.6	6.2	6.8	6.8
77.5°	5.1	4.5	4.5	5.1	6.2	6.8	6.8
80°	5.1	4.5	4.5	5.1	5.6	6.8	6.8
82.5°	3.9	3.9	4.5	5.1	5.6	6.2	6.2
85°	3.4	3.9	3.9	4.5	5.1	6.2	6.2
87.5°	2.8	2.8	3.4	3.9	4.5	5.1	5.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)