

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: P155264

Luminaire Tested: **AVM-F04-LED-E-U-T3-HSS-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155264
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-F04-LED-E-U-T3-HSS-7030
Description: VISION SITE MEDIUM LED LUMINAIRE
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (28) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4917 lumens
Efficiency: N/A
Efficacy: 48.1 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G2

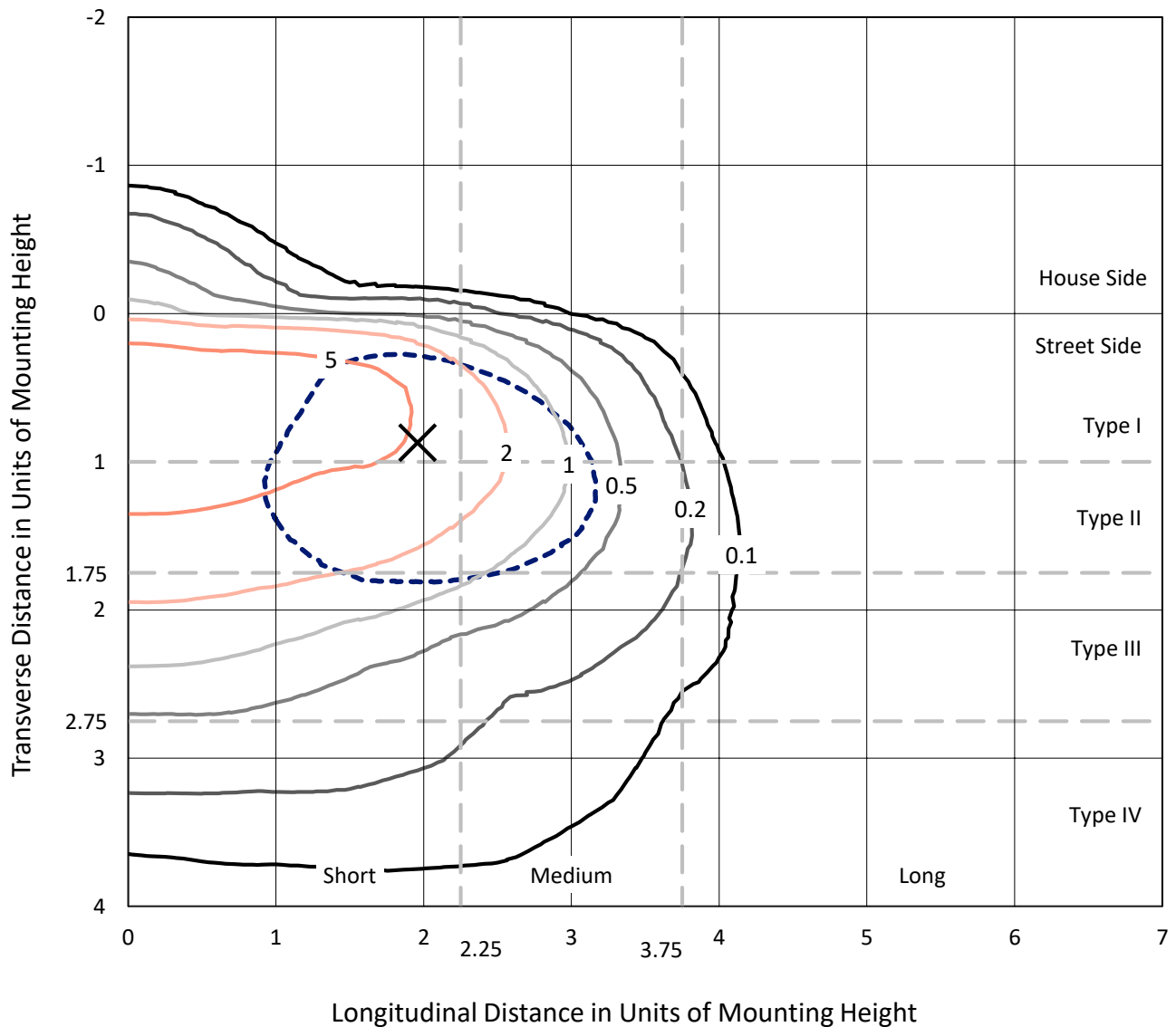
Input Watts (W): 102.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

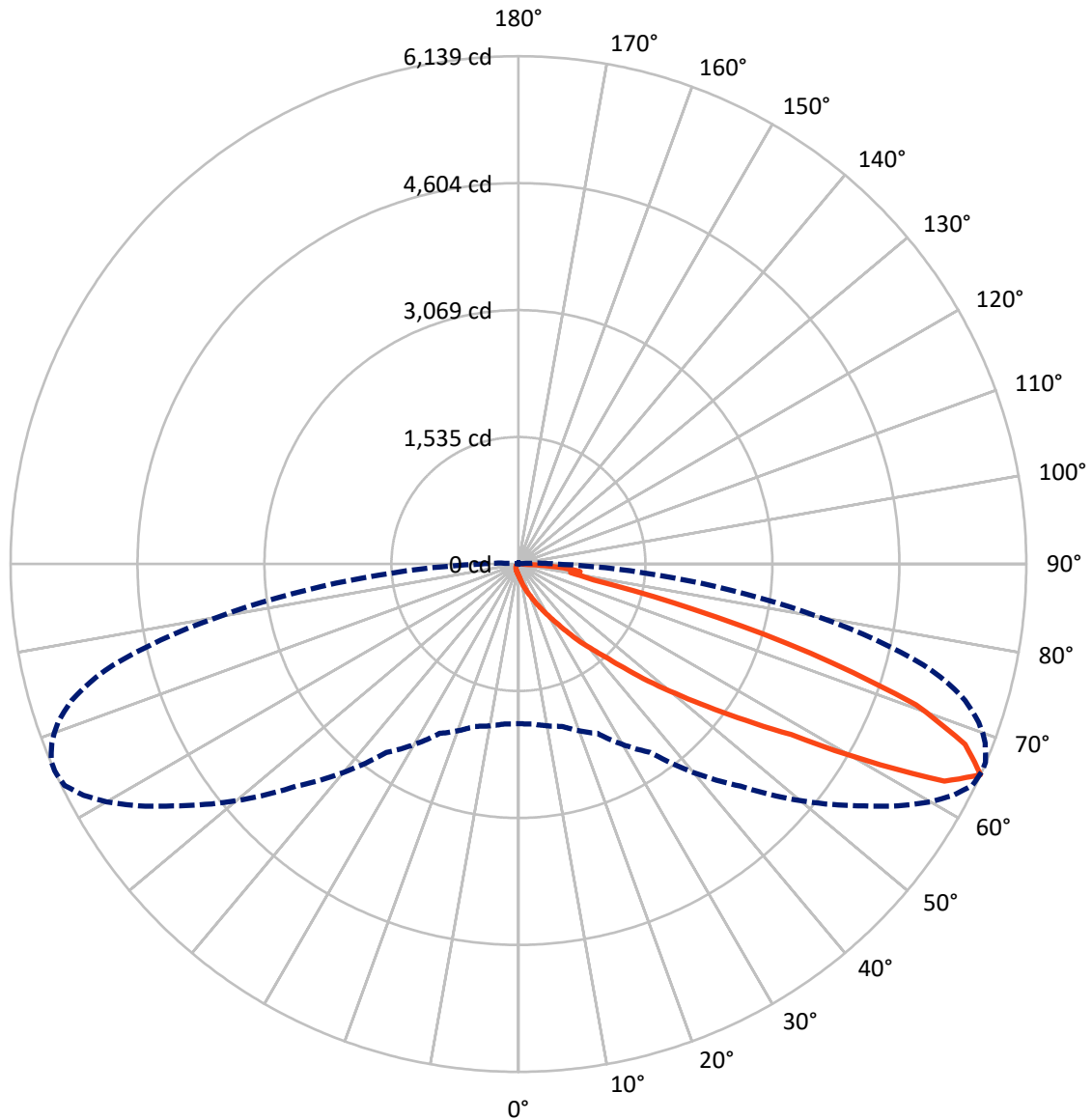
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.1 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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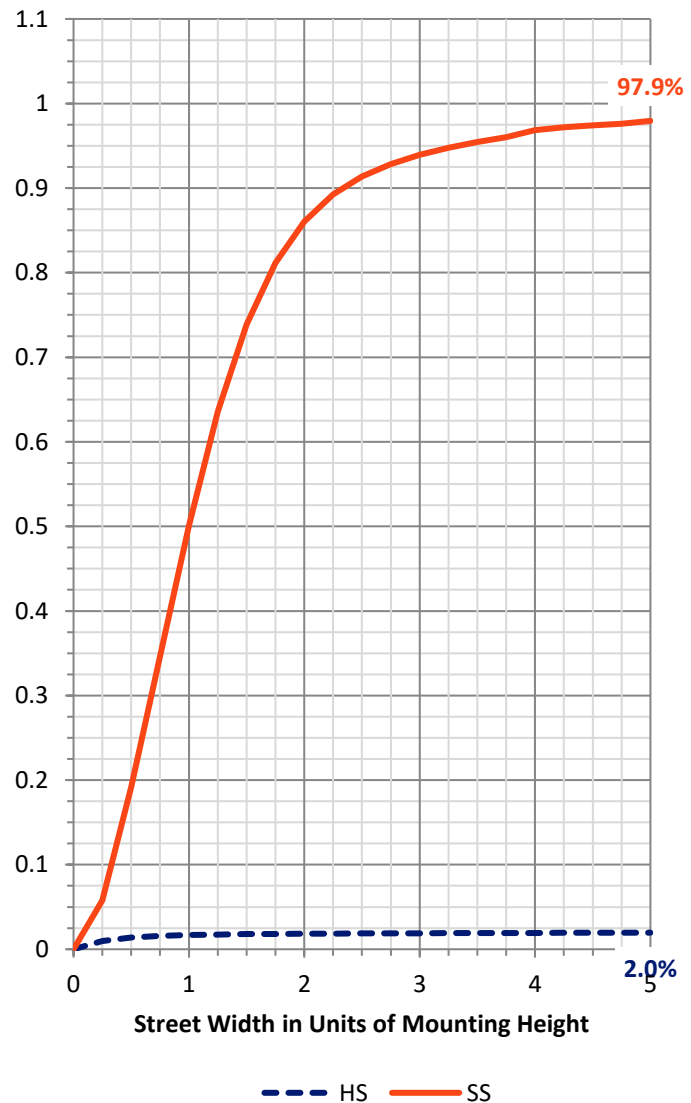
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	98.7	0.0	98.7
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	4818.3	0.0	4818.3
	% Fixture	98.0	0.0	98.0
Total	Lumens	4917.0	0.0	4917.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.7	0.3
10°-20°	80.0	1.6
20°-30°	182.6	3.7
30°-40°	347.5	7.1
40°-50°	697.4	14.2
50°-60°	1234.0	25.1
60°-70°	1612.3	32.8
70°-80°	662.9	13.5
80°-90°	83.5	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°	4917.0	100.0
0°-180°	4917.0	100.0



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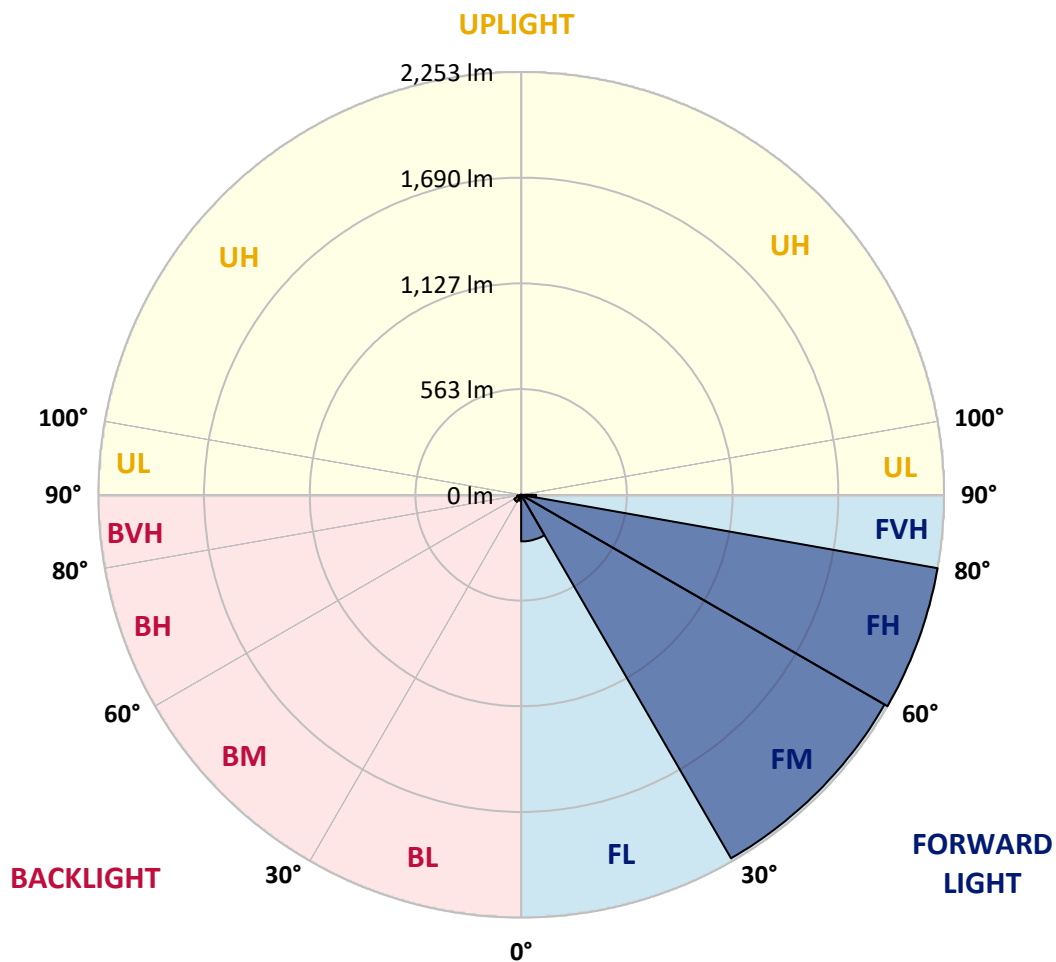
CATALOG NUMBER: AVM-F04-LED-E-U-T3-HSS-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	248.4	5.1			
FM	(30°-60°)	2236.6	45.5			
FH	(60°-80°)	2253.4	45.8			G2/5000
FVH	(80°-90°)	79.8	1.6			G1/100
BL	(0°-30°)	30.9	0.6	B0/110		
BM	(30°-60°)	42.3	0.9	B0/220		
BH	(60°-80°)	21.8	0.4	B0/110		G0/110
BVH	(80°-90°)	3.7	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-G2

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7
2.5°	181.0	177.9	178.9	172.9	168.9	163.9	159.8	158.8	157.8	155.8	156.8
5°	260.4	257.4	250.3	238.3	227.2	210.1	193.0	192.0	189.0	186.0	184.0
7.5°	361.9	356.9	348.8	328.7	301.6	271.4	237.3	234.2	230.2	226.2	222.2
10°	479.5	476.5	461.4	438.3	397.1	347.8	290.5	287.5	278.5	273.4	269.4
12.5°	603.2	590.1	584.1	543.9	496.6	429.3	355.9	344.8	337.8	330.8	320.7
15°	696.7	698.7	684.6	652.5	597.2	518.7	427.3	415.2	405.1	392.1	380.0
17.5°	781.1	777.1	762.0	741.9	689.7	610.2	503.7	487.6	471.5	464.5	447.4
20°	849.5	847.5	835.4	816.3	776.1	699.7	584.1	571.0	552.9	540.9	521.8
22.5°	903.8	903.8	896.7	885.7	846.5	785.2	669.5	655.5	637.4	622.3	601.2
25°	947.0	946.0	947.0	942.0	915.9	859.6	757.0	740.9	725.8	707.7	687.6
27.5°	996.3	998.3	996.3	993.3	982.2	937.0	845.5	834.4	817.3	798.2	778.1
30°	1072.7	1066.6	1065.6	1063.6	1050.6	1022.4	937.0	923.9	910.8	897.8	883.7
32.5°	1153.1	1143.1	1140.0	1140.0	1131.0	1105.9	1042.5	1035.5	1016.4	1006.3	994.3
35°	1244.6	1240.6	1236.5	1237.6	1233.5	1207.4	1155.1	1157.1	1151.1	1131.0	1118.9
37.5°	1378.3	1379.3	1372.3	1359.2	1359.2	1336.1	1305.9	1301.9	1286.8	1281.8	1274.8
40°	1569.3	1564.3	1558.3	1539.2	1532.1	1492.9	1464.8	1454.7	1442.6	1441.6	1433.6
42.5°	1790.5	1784.5	1784.5	1770.4	1756.3	1709.1	1655.8	1648.7	1635.7	1639.7	1636.7
45°	1995.6	2000.6	2007.6	2017.7	2019.7	1999.6	1922.2	1913.1	1906.1	1902.1	1899.1
47.5°	2172.5	2181.6	2204.7	2247.9	2303.2	2310.2	2248.9	2224.8	2219.8	2212.7	2206.7
50°	2299.2	2312.2	2364.5	2449.0	2556.5	2622.9	2589.7	2569.6	2568.6	2549.5	2547.5
52.5°	2371.6	2385.6	2471.1	2598.8	2765.6	2895.3	2936.6	2935.5	2933.5	2916.4	2909.4
55°	2387.6	2402.7	2505.3	2679.2	2917.5	3141.6	3299.5	3303.5	3312.5	3307.5	3307.5
57.5°	2343.4	2362.5	2474.1	2689.2	2996.9	3336.7	3681.5	3704.6	3715.7	3754.9	3800.1
60°	2262.0	2276.1	2387.6	2627.9	3010.9	3514.6	4178.1	4251.5	4308.8	4386.2	4459.6
62.5°	2111.2	2139.3	2245.9	2507.3	2968.7	3719.7	4771.3	4907.0	5018.6	5136.2	5278.0
65°	1928.2	1940.3	2030.8	2259.0	2779.7	3798.1	5099.0	5231.7	5374.5	5500.1	5626.8
67.5°	1699.0	1709.1	1787.5	1885.0	2294.2	3431.2	4776.3	4923.1	5051.8	5155.3	5321.2
70°	1112.9	1135.0	1327.0	1423.5	1603.5	2536.4	3905.7	4047.4	4146.0	4216.3	4408.3
72.5°	815.3	829.4	906.8	1105.9	1150.1	1498.9	2748.6	2902.4	2938.6	3071.3	3160.7
75°	497.6	532.8	707.7	947.0	1120.9	1026.4	1646.7	1721.1	1804.6	1901.1	1986.5
77.5°	100.5	114.6	231.2	652.5	986.2	1096.8	983.2	997.3	1038.5	1047.5	1079.7
80°	16.1	17.1	30.2	281.5	571.0	886.7	983.2	970.1	947.0	930.9	914.8
82.5°	7.0	8.0	13.1	71.4	121.6	295.6	850.5	916.9	993.3	1035.5	1046.5
85°	3.0	3.0	5.0	14.1	18.1	20.1	143.8	190.0	338.8	450.4	518.7
87.5°	2.0	2.0	3.0	3.0	4.0	5.0	7.0	7.0	8.0	9.0	13.1
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):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7
2.5°	156.8	155.8	155.8	152.8	152.8	151.8	151.8	150.8	150.8	148.8	149.8
5°	183.0	181.0	178.9	175.9	174.9	172.9	170.9	167.9	166.9	164.9	163.9
7.5°	218.2	216.1	212.1	206.1	202.1	198.0	194.0	190.0	187.0	184.0	182.0
10°	261.4	255.4	253.3	241.3	236.3	228.2	223.2	219.2	213.1	208.1	205.1
12.5°	313.7	308.6	298.6	282.5	274.5	267.4	258.4	250.3	244.3	235.2	229.2
15°	367.9	363.9	349.9	331.8	321.7	308.6	299.6	291.5	278.5	272.4	261.4
17.5°	436.3	424.2	410.2	384.0	371.0	359.9	343.8	331.8	323.7	305.6	295.6
20°	506.7	493.6	475.5	446.4	428.3	411.2	398.1	382.0	364.9	352.9	335.8
22.5°	587.1	566.0	551.9	515.7	494.6	476.5	454.4	437.3	420.2	401.1	382.0
25°	672.6	651.5	634.4	593.1	571.0	552.9	526.8	502.7	481.6	460.4	438.3
27.5°	762.0	742.9	723.8	681.6	662.5	637.4	613.2	585.1	558.0	538.9	508.7
30°	865.6	849.5	828.4	783.1	762.0	735.9	710.8	677.6	651.5	625.3	596.2
32.5°	977.2	964.1	942.0	901.8	876.6	854.5	827.4	795.2	758.0	730.9	696.7
35°	1112.9	1090.8	1077.7	1039.5	1020.4	996.3	968.1	940.0	900.8	862.6	833.4
37.5°	1267.7	1257.7	1240.6	1204.4	1190.3	1165.2	1147.1	1118.9	1088.8	1040.5	1009.3
40°	1426.6	1419.5	1404.4	1368.2	1354.2	1337.1	1316.0	1288.8	1252.6	1227.5	1181.3
42.5°	1628.6	1617.6	1605.5	1571.3	1544.2	1523.1	1514.0	1490.9	1452.7	1420.5	1384.3
45°	1885.0	1880.0	1863.9	1829.7	1802.5	1788.5	1774.4	1735.2	1710.1	1677.9	1652.8
47.5°	2194.6	2178.5	2170.5	2132.3	2123.2	2112.2	2076.0	2053.9	2017.7	1992.6	1961.4
50°	2529.4	2512.3	2513.3	2467.1	2469.1	2461.0	2433.9	2407.8	2376.6	2354.5	2335.4
52.5°	2889.3	2897.3	2877.2	2891.3	2875.2	2857.1	2852.1	2819.9	2792.8	2791.8	2765.6
55°	3331.6	3318.6	3323.6	3337.7	3315.6	3335.7	3325.6	3284.4	3285.4	3293.4	3263.3
57.5°	3807.2	3826.3	3867.5	3876.5	3914.7	3888.6	3957.0	3907.7	3937.9	3937.9	3917.8
60°	4504.9	4581.3	4680.8	4758.2	4829.6	4806.5	4895.9	4839.6	4879.8	4845.7	4828.6
62.5°	5345.3	5446.8	5564.5	5690.1	5762.5	5780.6	5767.5	5792.7	5753.5	5728.3	5663.0
65°	5749.5	5850.0	5952.5	6103.3	6123.4	6138.5	6132.5	6090.3	6042.0	5970.6	5885.2
67.5°	5413.7	5554.4	5611.7	5785.6	5844.0	5822.8	5829.9	5775.6	5700.2	5629.8	5504.2
70°	4488.8	4649.6	4679.8	4929.1	4998.5	5099.0	5062.8	5046.7	4964.3	4905.0	4766.2
72.5°	3268.3	3394.0	3383.9	3664.4	3652.3	3693.6	3791.1	3787.1	3700.6	3681.5	3564.9
75°	2011.7	2087.1	2083.0	2282.1	2198.6	2186.6	2213.7	2201.7	2120.2	2035.8	1963.4
77.5°	1065.6	1099.8	1063.6	1004.3	998.3	930.9	911.8	910.8	848.5	772.1	715.8
80°	897.8	862.6	820.3	733.9	683.6	638.4	596.2	556.9	514.7	458.4	390.1
82.5°	1048.6	1031.5	1001.3	892.7	840.5	750.0	682.6	619.3	541.9	483.6	396.1
85°	510.7	509.7	533.8	522.8	503.7	499.6	433.3	419.2	388.1	355.9	297.6
87.5°	14.1	10.1	12.1	10.1	12.1	13.1	9.0	21.1	13.1	12.1	14.1
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°	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7
2.5°	148.8	147.8	146.8	146.8	145.8	145.8	144.8	143.8	143.8	142.8	142.8
5°	161.9	159.8	158.8	157.8	155.8	154.8	152.8	151.8	149.8	148.8	146.8
7.5°	177.9	175.9	171.9	169.9	166.9	165.9	160.9	158.8	156.8	154.8	151.8
10°	198.0	193.0	189.0	185.0	180.0	175.9	171.9	168.9	164.9	159.8	157.8
12.5°	223.2	216.1	210.1	203.1	197.0	191.0	184.0	178.9	172.9	167.9	162.9
15°	251.3	241.3	233.2	223.2	213.1	206.1	199.1	192.0	184.0	176.9	170.9
17.5°	283.5	270.4	259.4	247.3	236.3	226.2	214.1	205.1	196.0	186.0	177.9
20°	317.7	304.6	289.5	276.5	260.4	249.3	234.2	222.2	209.1	199.1	188.0
22.5°	362.9	345.8	326.7	308.6	291.5	274.5	258.4	243.3	227.2	212.1	201.1
25°	416.2	395.1	371.0	352.9	328.7	309.6	289.5	270.4	253.3	234.2	216.1
27.5°	482.6	454.4	428.3	403.1	377.0	352.9	326.7	304.6	281.5	259.4	239.3
30°	560.0	532.8	493.6	465.5	439.3	406.2	380.0	350.9	324.7	292.5	270.4
32.5°	662.5	627.3	586.1	548.9	514.7	477.5	441.3	404.1	370.0	340.8	307.6
35°	796.2	755.0	705.7	658.5	620.3	575.0	528.8	486.6	447.4	405.1	363.9
37.5°	965.1	926.9	873.6	816.3	765.1	710.8	662.5	603.2	550.9	499.6	447.4
40°	1133.0	1097.8	1042.5	981.2	914.8	852.5	791.2	723.8	657.5	593.1	538.9
42.5°	1340.1	1287.8	1228.5	1159.1	1094.8	1020.4	944.0	866.6	787.2	709.8	632.3
45°	1600.5	1560.3	1476.8	1402.4	1326.0	1238.6	1144.1	1055.6	954.1	862.6	760.0
47.5°	1917.2	1844.8	1783.4	1715.1	1619.6	1535.1	1414.5	1309.9	1183.3	1061.6	939.0
50°	2291.1	2250.9	2169.5	2084.0	1980.5	1880.0	1762.3	1611.5	1459.7	1330.0	1162.2
52.5°	2728.5	2671.1	2619.9	2531.4	2425.8	2297.2	2163.5	1999.6	1813.6	1630.6	1451.7
55°	3247.2	3207.0	3157.7	3087.4	2952.6	2806.9	2646.0	2450.0	2229.8	1983.5	1775.4
57.5°	3916.7	3874.5	3827.3	3682.5	3591.0	3412.1	3178.8	2975.8	2738.5	2422.8	2164.5
60°	4830.6	4773.3	4706.9	4589.3	4398.3	4166.1	3915.7	3615.1	3324.6	2979.8	2641.0
62.5°	5611.7	5520.2	5378.5	5226.7	4997.5	4731.1	4416.4	4062.5	3731.8	3343.7	2966.7
65°	5772.6	5646.9	5480.0	5282.0	5045.7	4745.1	4416.4	4077.6	3688.5	3323.6	2944.6
67.5°	5354.4	5208.6	5037.7	4816.5	4591.3	4281.7	3998.2	3653.3	3287.4	2971.7	2632.9
70°	4666.7	4450.6	4275.6	4040.4	3812.2	3568.9	3270.3	3012.0	2714.4	2423.8	2164.5
72.5°	3504.6	3291.4	3132.6	2944.6	2808.9	2551.5	2332.4	2139.3	1963.4	1746.2	1554.2
75°	1889.0	1729.2	1622.6	1537.1	1415.5	1245.6	1141.0	1008.3	933.9	843.5	756.0
77.5°	616.3	542.9	463.5	386.0	331.8	249.3	241.3	192.0	181.0	175.9	135.7
80°	315.7	243.3	175.9	126.7	96.5	85.5	81.4	77.4	73.4	70.4	65.3
82.5°	316.7	229.2	157.8	109.6	79.4	66.4	62.3	60.3	57.3	54.3	50.3
85°	231.2	170.9	117.6	80.4	55.3	44.2	42.2	39.2	37.2	36.2	32.2
87.5°	15.1	11.1	10.1	9.0	9.0	9.0	10.1	9.0	10.1	10.1	9.0
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: AVM-F04-LED-E-U-T3-HSS-7030

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7
2.5°	141.8	140.7	140.7	139.7	138.7	138.7	137.7	137.7	134.7	129.7	125.7
5°	145.8	143.8	142.8	141.8	140.7	138.7	137.7	136.7	131.7	121.6	113.6
7.5°	148.8	146.8	145.8	143.8	140.7	139.7	137.7	135.7	127.7	113.6	104.6
10°	153.8	150.8	147.8	144.8	141.8	139.7	136.7	134.7	122.6	106.6	97.5
12.5°	158.8	154.8	150.8	145.8	142.8	139.7	136.7	132.7	118.6	100.5	90.5
15°	164.9	158.8	153.8	148.8	143.8	139.7	134.7	131.7	114.6	95.5	86.5
17.5°	170.9	163.9	156.8	149.8	144.8	138.7	134.7	129.7	110.6	91.5	81.4
20°	177.9	167.9	160.9	152.8	145.8	138.7	132.7	127.7	106.6	86.5	76.4
22.5°	188.0	175.9	164.9	155.8	146.8	139.7	132.7	125.7	102.5	82.4	72.4
25°	201.1	186.0	172.9	161.9	150.8	141.8	133.7	126.7	99.5	79.4	67.4
27.5°	220.2	201.1	187.0	171.9	157.8	146.8	136.7	128.7	97.5	76.4	64.3
30°	243.3	224.2	202.1	184.0	168.9	153.8	142.8	130.7	95.5	73.4	60.3
32.5°	277.5	250.3	224.2	202.1	181.0	163.9	147.8	135.7	94.5	68.4	56.3
35°	326.7	289.5	258.4	229.2	200.1	178.9	159.8	143.8	93.5	64.3	52.3
37.5°	397.1	352.9	312.7	271.4	235.2	205.1	178.9	157.8	93.5	61.3	48.3
40°	472.5	415.2	363.9	312.7	266.4	228.2	193.0	166.9	91.5	57.3	44.2
42.5°	558.0	487.6	417.2	353.9	296.6	247.3	206.1	173.9	86.5	53.3	40.2
45°	672.6	580.1	495.6	414.2	339.8	275.5	223.2	182.0	81.4	50.3	36.2
47.5°	816.3	708.8	599.2	496.6	399.1	317.7	248.3	195.0	78.4	46.2	33.2
50°	1030.5	877.6	732.9	602.2	478.5	372.0	285.5	214.1	75.4	43.2	30.2
52.5°	1265.7	1077.7	907.8	739.9	586.1	445.4	328.7	239.3	72.4	40.2	27.1
55°	1552.2	1321.0	1113.9	895.7	698.7	530.8	382.0	267.4	68.4	37.2	25.1
57.5°	1906.1	1613.5	1368.2	1101.8	854.5	641.4	453.4	314.7	64.3	33.2	22.1
60°	2301.2	1970.4	1661.8	1349.1	1049.6	788.2	559.0	382.0	60.3	29.2	19.1
62.5°	2585.7	2222.8	1869.9	1519.0	1190.3	897.8	644.4	434.3	54.3	25.1	17.1
65°	2582.7	2214.7	1859.9	1514.0	1194.3	901.8	647.4	444.4	48.3	22.1	15.1
67.5°	2301.2	1991.5	1674.9	1364.2	1084.7	820.3	599.2	412.2	41.2	20.1	13.1
70°	1893.0	1646.7	1396.4	1150.1	925.9	702.7	517.7	358.9	35.2	18.1	11.1
72.5°	1382.3	1202.4	1049.6	875.6	722.8	554.9	413.2	281.5	28.1	15.1	10.1
75°	686.6	614.3	526.8	472.5	403.1	329.7	256.4	163.9	23.1	12.1	9.0
77.5°	130.7	116.6	111.6	96.5	88.5	78.4	69.4	49.3	18.1	9.0	8.0
80°	60.3	55.3	50.3	45.2	40.2	34.2	30.2	26.1	14.1	7.0	9.0
82.5°	47.3	43.2	38.2	34.2	30.2	26.1	22.1	19.1	9.0	6.0	9.0
85°	31.2	27.1	24.1	21.1	18.1	16.1	14.1	12.1	6.0	6.0	6.0
87.5°	9.0	9.0	8.0	8.0	7.0	7.0	6.0	6.0	5.0	5.0	5.0
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: AVM-F04-LED-E-U-T3-HSS-7030

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	136.7	136.7	136.7	136.7	136.7	136.7	136.7
2.5°	121.6	116.6	114.6	113.6	113.6	114.6	113.6
5°	107.6	102.5	100.5	98.5	98.5	98.5	99.5
7.5°	98.5	93.5	90.5	89.5	88.5	89.5	89.5
10°	90.5	86.5	82.4	80.4	80.4	80.4	80.4
12.5°	84.4	79.4	75.4	74.4	73.4	73.4	73.4
15°	79.4	73.4	70.4	68.4	67.4	67.4	68.4
17.5°	73.4	68.4	64.3	63.3	63.3	63.3	63.3
20°	69.4	63.3	60.3	58.3	58.3	58.3	58.3
22.5°	64.3	59.3	55.3	53.3	53.3	53.3	53.3
25°	60.3	55.3	51.3	49.3	49.3	49.3	49.3
27.5°	56.3	51.3	47.3	45.2	45.2	45.2	45.2
30°	52.3	47.3	43.2	41.2	41.2	41.2	41.2
32.5°	49.3	43.2	39.2	37.2	37.2	38.2	37.2
35°	44.2	39.2	35.2	33.2	33.2	33.2	33.2
37.5°	40.2	35.2	31.2	29.2	29.2	29.2	28.1
40°	37.2	31.2	27.1	25.1	24.1	24.1	24.1
42.5°	32.2	26.1	23.1	21.1	20.1	20.1	20.1
45°	29.2	23.1	19.1	17.1	17.1	17.1	17.1
47.5°	26.1	20.1	16.1	14.1	14.1	15.1	15.1
50°	23.1	17.1	13.1	13.1	13.1	14.1	14.1
52.5°	20.1	15.1	12.1	12.1	13.1	14.1	14.1
55°	18.1	13.1	11.1	12.1	13.1	14.1	14.1
57.5°	16.1	11.1	11.1	12.1	13.1	14.1	14.1
60°	14.1	10.1	10.1	11.1	13.1	14.1	14.1
62.5°	12.1	10.1	10.1	11.1	13.1	14.1	14.1
65°	11.1	10.1	10.1	11.1	13.1	14.1	14.1
67.5°	10.1	9.0	10.1	11.1	12.1	13.1	13.1
70°	9.0	9.0	10.1	11.1	12.1	13.1	13.1
72.5°	9.0	9.0	9.0	10.1	11.1	12.1	12.1
75°	9.0	9.0	9.0	10.1	11.1	12.1	12.1
77.5°	9.0	8.0	8.0	9.0	11.1	12.1	12.1
80°	9.0	8.0	8.0	9.0	10.1	12.1	12.1
82.5°	7.0	7.0	8.0	9.0	10.1	11.1	11.1
85°	6.0	7.0	7.0	8.0	9.0	11.1	11.1
87.5°	5.0	5.0	6.0	7.0	8.0	9.0	9.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)