

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: P154234

Luminaire Tested: **AVM-F05-LED-E-U-T2-HSS-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P154234  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33723)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: AVM-F05-LED-E-U-T2-HSS-7030  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA W/ HOUSE SIDE SHIELD  
Light Source: (35) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

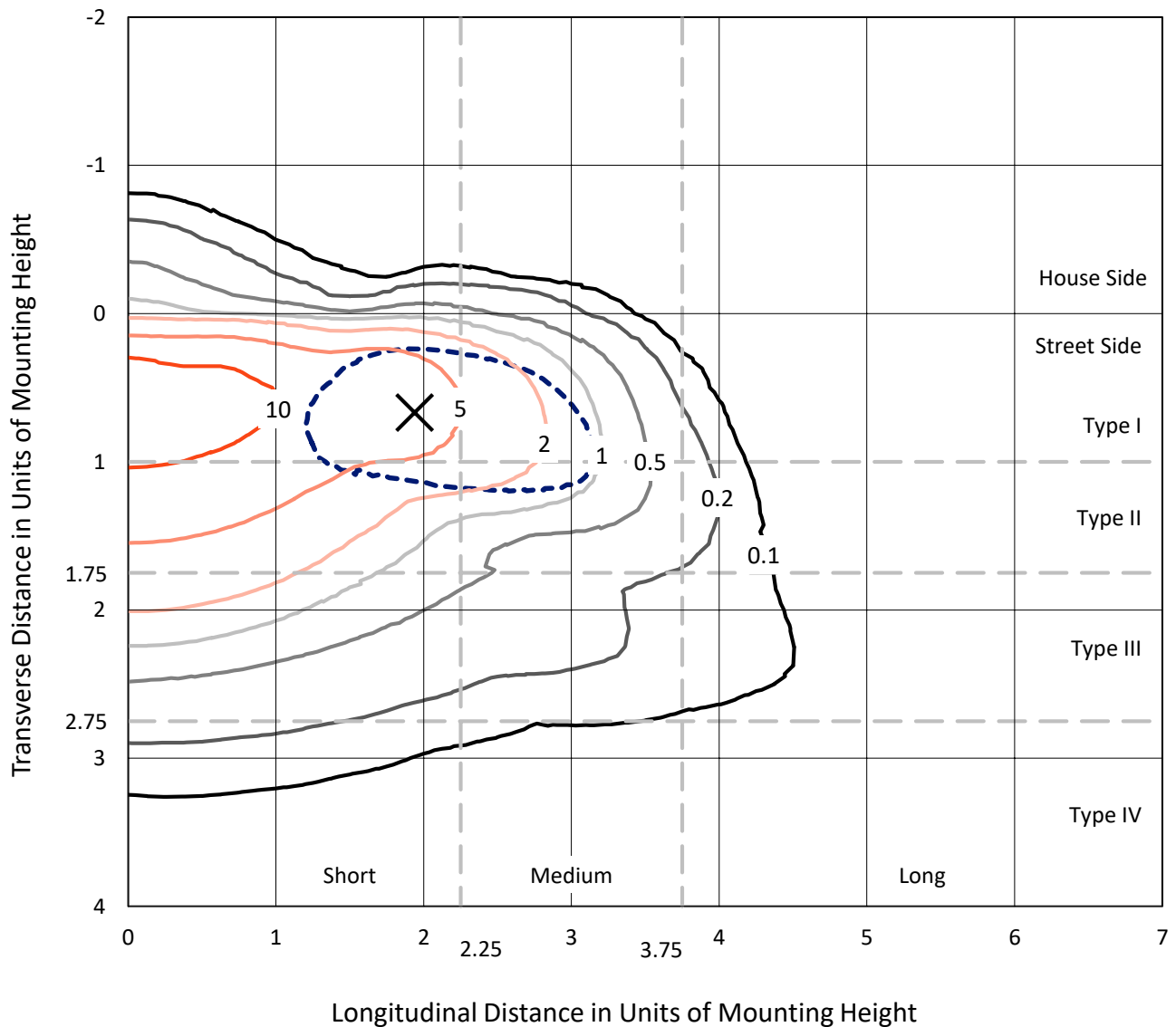
Lumens per Lamp: N/A  
Luminaire Lumens: 6036.8 lumens  
Efficiency: N/A  
Efficacy: 45.3 lumens/watt  
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G2  
  
Input Watts (W): 133.3  
Input Voltage (V): NR  
Input Current (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

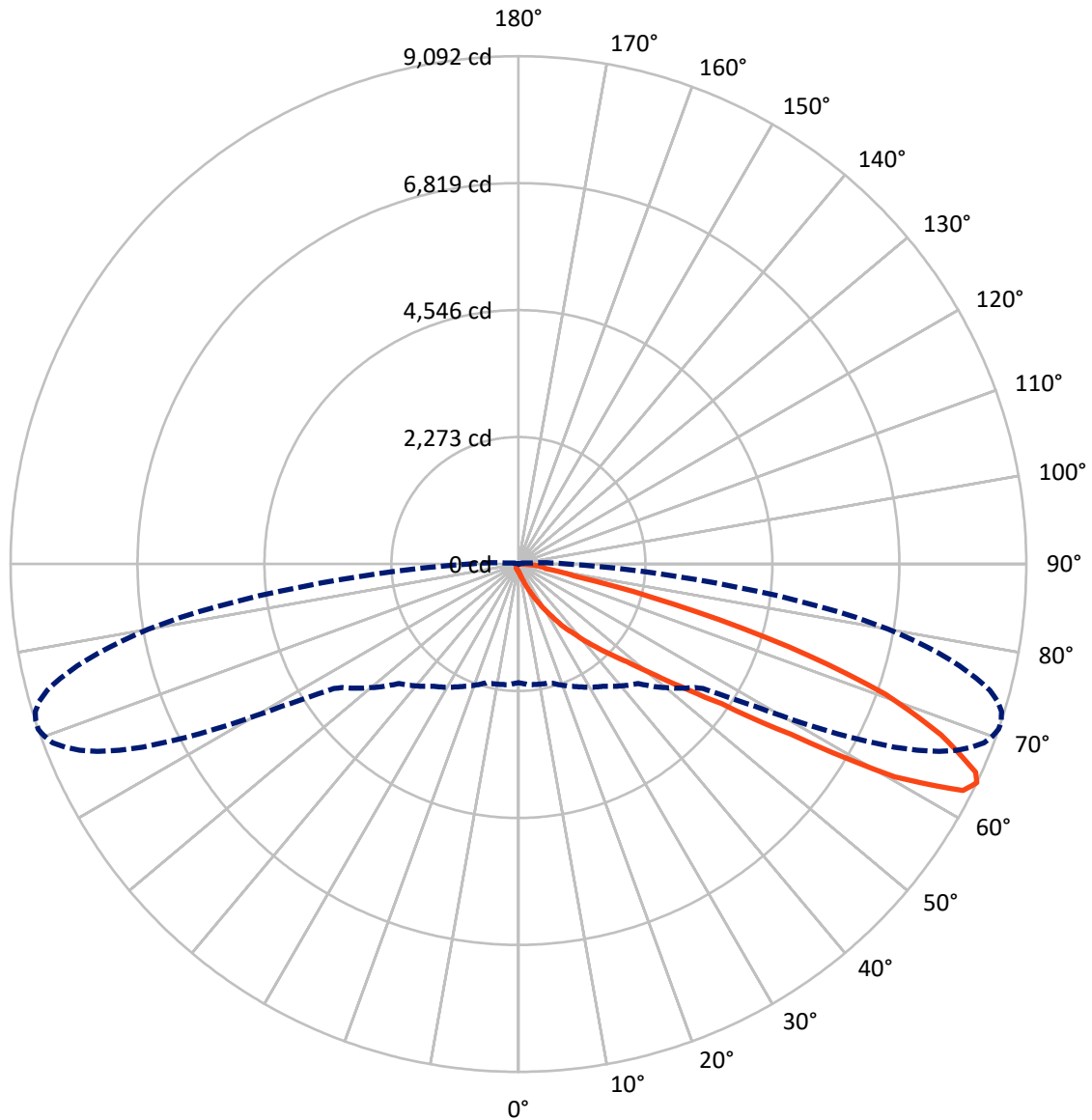
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.8 fc  
 Type II - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 71-Deg Lateral    - - - Horizontal Cone Through 64-Deg Vertical

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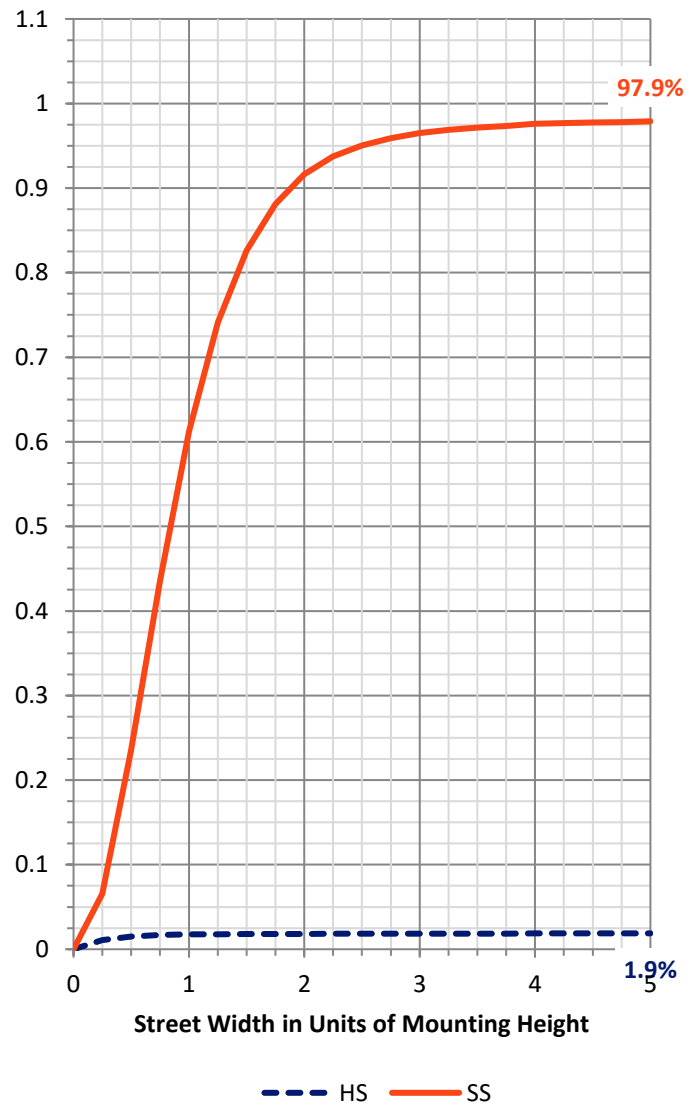
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	115.6	0.0	115.6
	% Fixture	1.9	0.0	1.9
<b>Street Side</b>	Lumens	5921.3	0.0	5921.3
	% Fixture	98.1	0.0	98.1
<b>Total</b>	Lumens	6036.8	0.0	6036.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	18.5	0.3
10°-20°	109.1	1.8
20°-30°	278.8	4.6
30°-40°	563.9	9.3
40°-50°	1030.8	17.1
50°-60°	1605.9	26.6
60°-70°	1785.0	29.6
70°-80°	582.1	9.6
80°-90°	62.6	1.0
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°	6036.8	100.0
0°-180°	6036.8	100.0



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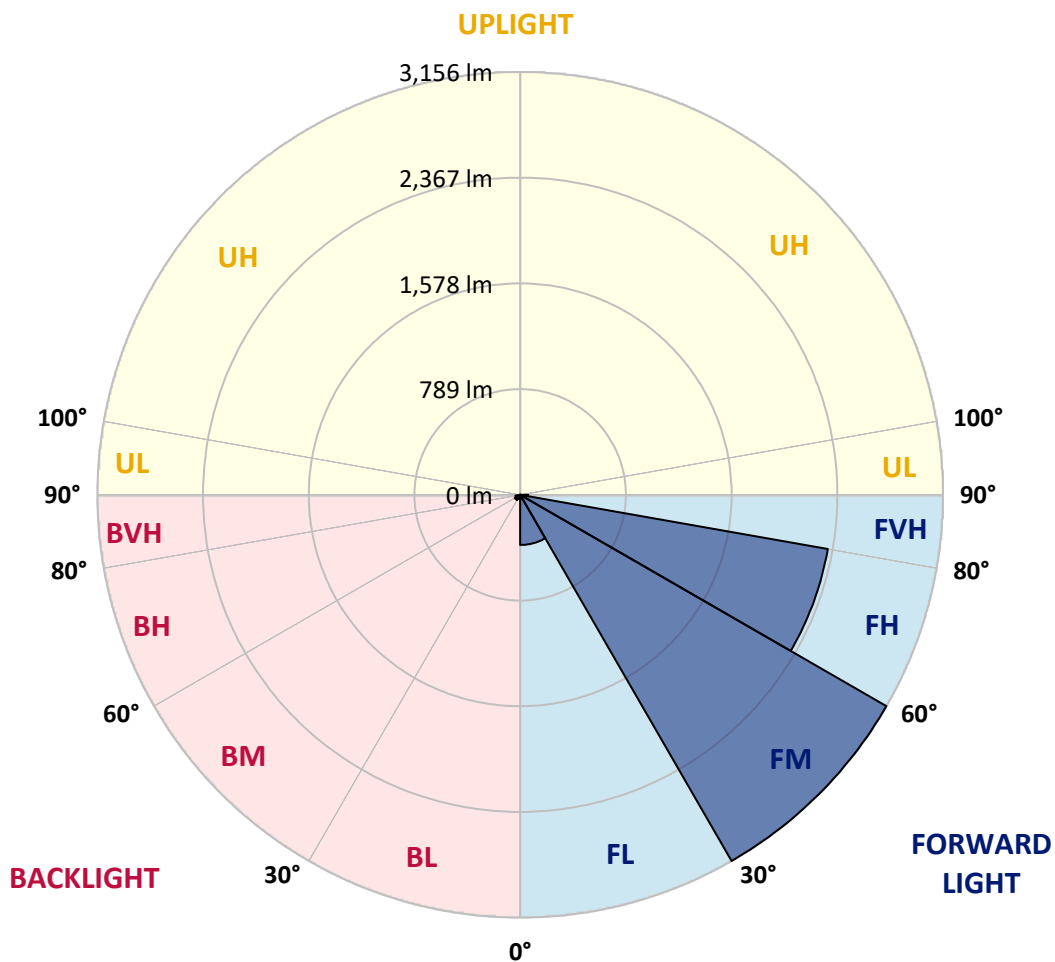
CATALOG NUMBER: AVM-F05-LED-E-U-T2-HSS-7030

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	374.3	6.2			
FM (30°-60°)	3155.9	52.3			
FH (60°-80°)	2331.5	38.6			G2/5000
FVH (80°-90°)	59.6	1.0			G1/100
BL (0°-30°)	32.2	0.5	B0/110		
BM (30°-60°)	44.7	0.7	B0/220		
BH (60°-80°)	35.7	0.6	B0/110		G0/110
BVH (80°-90°)	3.0	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 II Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5
2.5°	181.0	178.4	178.4	174.7	169.6	164.6	159.6	158.3	157.1	155.8	155.8
5°	284.0	274.0	270.2	256.4	238.8	217.4	198.6	193.5	193.5	189.8	187.2
7.5°	446.1	441.1	414.7	400.9	359.4	307.9	253.8	248.8	247.6	242.5	235.0
10°	653.5	643.4	624.6	584.3	508.9	419.7	343.1	330.5	321.7	311.7	301.6
12.5°	860.8	848.2	820.6	755.3	679.9	565.5	442.3	431.0	417.2	403.4	387.0
15°	1068.2	1059.4	1016.6	951.3	853.3	716.3	560.5	540.4	529.1	501.4	488.8
17.5°	1247.9	1236.5	1202.6	1128.5	1026.7	875.9	691.2	666.0	647.2	630.8	600.7
20°	1403.7	1392.4	1359.7	1298.1	1183.8	1035.5	831.9	819.3	785.4	760.3	742.7
22.5°	1499.2	1495.4	1474.1	1415.0	1313.2	1181.3	992.8	972.7	950.0	916.1	896.0
25°	1558.3	1554.5	1541.9	1500.4	1431.3	1334.6	1169.9	1144.8	1124.7	1094.5	1069.4
27.5°	1619.8	1617.3	1607.3	1570.8	1534.4	1474.1	1349.6	1335.8	1291.8	1274.2	1250.4
30°	1721.6	1710.3	1719.1	1701.5	1655.0	1617.3	1530.6	1510.5	1491.7	1461.5	1440.1
32.5°	1883.7	1864.9	1883.7	1864.9	1844.8	1799.5	1716.6	1710.3	1691.5	1672.6	1642.4
35°	2082.3	2074.7	2089.8	2106.2	2089.8	2029.5	1929.0	1910.1	1902.6	1872.4	1861.1
37.5°	2282.1	2295.9	2323.6	2360.0	2349.9	2306.0	2164.0	2146.4	2132.5	2106.2	2086.0
40°	2497.0	2498.2	2557.3	2610.1	2636.5	2610.1	2422.8	2409.0	2390.2	2352.5	2347.4
42.5°	2730.7	2720.7	2764.6	2823.7	2877.7	2914.2	2764.6	2738.3	2711.9	2669.1	2640.2
45°	2938.1	2938.1	2973.2	3028.5	3111.5	3203.2	3125.3	3097.7	3072.5	3037.3	3004.7
47.5°	3091.4	3092.6	3114.0	3194.4	3323.9	3460.8	3463.3	3468.4	3449.5	3408.1	3409.3
50°	3199.4	3185.6	3214.5	3292.4	3442.0	3656.9	3811.4	3820.2	3835.3	3801.4	3811.4
52.5°	3278.6	3272.3	3291.2	3356.5	3506.1	3768.7	4096.7	4134.4	4157.0	4162.0	4203.5
55°	3237.1	3240.9	3286.2	3380.4	3541.3	3842.9	4339.2	4400.8	4453.6	4498.8	4550.4
57.5°	3100.2	3111.5	3190.6	3337.7	3548.8	3903.2	4596.8	4691.1	4790.4	4911.0	5012.8
60°	2881.5	2907.9	3014.7	3220.8	3475.9	3824.0	4673.5	4818.0	4970.1	5153.5	5358.4
62.5°	2561.1	2566.1	2636.5	2836.3	3117.8	3403.0	4321.6	4506.4	4707.4	4972.6	5259.1
64°	2122.5	2167.7	2200.4	2420.3	2671.7	3027.3	3856.7	3984.9	4265.1	4590.6	4951.2
65°	1751.8	1805.8	1832.2	2052.1	2339.9	2679.2	3452.0	3589.0	3884.3	4214.8	4664.7
67.5°	1033.0	996.5	1073.2	1202.6	1443.9	1846.0	2328.6	2432.9	2652.8	3046.1	3405.5
70°	666.0	666.0	736.4	868.3	1092.0	1399.9	1599.7	1555.7	1602.2	1754.3	2008.1
72.5°	427.3	449.9	492.6	604.5	811.8	1173.7	1634.9	1427.6	1319.5	1269.2	1266.7
75°	194.8	207.3	253.8	320.4	433.5	765.3	1648.7	1558.3	1459.0	1363.5	1289.3
77.5°	41.5	47.8	80.4	165.9	211.1	353.1	1169.9	1305.7	1413.7	1445.2	1445.2
80°	21.4	22.6	33.9	77.9	90.5	119.4	451.1	593.1	731.4	913.6	1104.6
82.5°	8.8	10.1	20.1	35.2	37.7	36.4	119.4	150.8	207.3	301.6	449.9
85°	2.5	2.5	8.8	13.8	20.1	16.3	26.4	30.2	39.0	56.5	108.1
87.5°	0.0	0.0	1.3	2.5	3.8	6.3	7.5	7.5	7.5	7.5	7.5
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°	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5
2.5°	154.6	154.6	153.3	152.1	152.1	149.5	149.5	148.3	148.3	147.0	147.0
5°	186.0	183.5	181.0	177.2	175.9	173.4	170.9	168.4	165.9	164.6	162.1
7.5°	231.2	228.7	221.2	216.1	209.9	206.1	201.1	197.3	193.5	191.0	186.0
10°	291.5	282.7	279.0	261.4	257.6	248.8	241.3	236.3	226.2	219.9	213.6
12.5°	377.0	360.7	354.4	324.2	315.4	302.9	294.1	281.5	270.2	262.6	251.3
15°	473.8	461.2	437.3	407.2	390.8	377.0	355.6	345.6	330.5	314.2	297.8
17.5°	589.4	566.8	540.4	501.4	481.3	459.9	439.8	418.5	393.3	378.3	360.7
20°	723.8	700.0	667.3	618.3	594.4	573.0	537.8	522.8	492.6	462.4	439.8
22.5°	870.9	847.0	815.6	760.3	728.9	693.7	664.8	638.4	603.2	573.0	546.6
25°	1036.7	1009.1	985.2	921.1	882.2	845.7	814.3	767.8	737.7	702.5	666.0
27.5°	1225.2	1192.6	1161.1	1090.8	1054.3	1014.1	976.4	927.4	898.5	840.7	806.8
30°	1418.8	1378.6	1345.9	1274.2	1241.6	1200.1	1148.6	1104.6	1055.6	1016.6	961.3
32.5°	1622.3	1589.7	1563.3	1487.9	1446.4	1394.9	1348.4	1301.9	1259.2	1196.3	1146.1
35°	1839.7	1810.8	1781.9	1716.6	1680.1	1641.2	1588.4	1531.9	1472.8	1407.5	1362.2
37.5°	2068.5	2045.8	2023.2	1944.0	1901.3	1859.9	1799.5	1743.0	1690.2	1621.1	1544.4
40°	2308.5	2287.1	2250.7	2185.3	2140.1	2102.4	2047.1	1994.3	1922.7	1846.0	1778.2
42.5°	2610.1	2563.6	2532.2	2460.5	2412.8	2371.3	2322.3	2243.1	2182.8	2091.1	2025.7
45°	2963.2	2919.2	2867.7	2794.8	2735.7	2667.9	2598.8	2544.7	2469.3	2386.4	2302.2
47.5°	3360.3	3325.1	3264.8	3193.2	3134.1	3066.2	2984.6	2915.4	2823.7	2726.9	2612.6
50°	3797.6	3761.2	3721.0	3640.5	3581.5	3517.4	3453.3	3371.6	3288.7	3173.1	3054.9
52.5°	4203.5	4211.1	4187.2	4149.5	4120.6	4054.0	3994.9	3917.0	3844.1	3738.6	3646.8
55°	4604.4	4669.7	4694.9	4731.3	4743.9	4689.8	4688.6	4574.2	4530.2	4468.7	4415.9
57.5°	5133.4	5278.0	5392.3	5613.5	5706.5	5800.7	5818.3	5737.9	5820.8	5714.0	5750.5
60°	5583.3	5848.5	6132.5	6704.3	6990.8	7206.9	7380.3	7508.5	7591.5	7732.2	7739.7
62.5°	5623.5	6040.7	6473.0	7307.5	7699.5	8027.5	8340.4	8559.1	8732.5	8892.1	8931.1
64°	5431.3	5947.8	6473.0	7482.1	7883.0	8247.4	8532.7	8750.1	8927.3	9026.6	9091.9
65°	5081.9	5660.0	6264.4	7366.5	7780.0	8167.0	8439.7	8658.4	8825.5	8924.8	8992.6
67.5°	3764.9	4324.2	4931.1	6214.2	6865.1	7219.5	7568.8	7875.5	8009.9	8135.6	8159.5
70°	2294.7	2700.6	3119.0	4309.1	4913.5	5550.6	5944.0	6392.6	6706.8	6900.3	6964.4
72.5°	1384.8	1525.6	1775.7	2415.3	2994.6	3442.0	3986.1	4414.6	4766.5	4961.3	5059.3
75°	1232.8	1215.2	1247.9	1514.3	1720.4	1989.3	2186.6	2455.5	2672.9	2740.8	2867.7
77.5°	1425.0	1374.8	1323.3	1273.0	1262.9	1237.8	1197.6	1207.6	1112.1	1020.4	1022.9
80°	1269.2	1389.9	1461.5	1408.7	1289.3	1168.7	1020.4	835.7	653.5	540.4	492.6
82.5°	637.1	906.0	1164.9	1421.3	1403.7	1296.9	1133.5	931.2	721.3	554.2	442.3
85°	196.0	348.1	490.1	681.1	790.4	775.4	681.1	662.3	472.5	368.2	284.0
87.5°	8.8	8.8	8.8	7.5	8.8	8.8	8.8	10.1	10.1	11.3	11.3
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):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5
2.5°	147.0	145.8	144.5	143.3	143.3	143.3	142.0	142.0	140.7	140.7	139.5
5°	162.1	159.6	158.3	155.8	155.8	153.3	152.1	150.8	148.3	147.0	145.8
7.5°	182.2	179.7	175.9	172.2	170.9	167.1	163.4	160.9	158.3	155.8	153.3
10°	208.6	203.6	196.0	191.0	187.2	182.2	177.2	173.4	168.4	163.4	160.9
12.5°	242.5	232.5	224.9	216.1	208.6	201.1	192.3	187.2	182.2	174.7	169.6
15°	281.5	271.4	262.6	247.6	235.0	224.9	217.4	206.1	197.3	187.2	179.7
17.5°	348.1	321.7	304.1	289.0	276.5	257.6	242.5	230.0	218.7	206.1	197.3
20°	413.4	390.8	366.9	349.4	321.7	305.4	285.3	267.7	247.6	232.5	217.4
22.5°	508.9	480.0	449.9	423.5	385.8	363.2	336.8	314.2	289.0	263.9	247.6
25°	629.6	586.9	546.6	508.9	473.8	439.8	405.9	369.5	343.1	312.9	285.3
27.5°	756.5	708.8	669.8	620.8	575.5	534.1	491.4	452.4	407.2	368.2	335.5
30°	916.1	850.8	805.5	746.5	701.2	643.4	590.6	539.1	483.8	438.6	392.1
32.5°	1078.2	1034.2	957.6	907.3	839.4	770.3	715.0	656.0	588.1	529.1	472.5
35°	1291.8	1216.4	1152.4	1082.0	1007.8	936.2	864.6	780.4	711.3	638.4	569.3
37.5°	1480.3	1403.7	1329.5	1237.8	1153.6	1078.2	991.5	903.5	821.9	735.1	652.2
40°	1699.0	1603.5	1515.5	1430.1	1325.8	1236.5	1146.1	1036.7	942.5	847.0	749.0
42.5°	1937.8	1841.0	1736.7	1638.7	1524.3	1415.0	1303.2	1193.8	1088.3	972.7	858.3
45°	2199.1	2097.4	1980.5	1868.6	1744.2	1623.6	1490.4	1364.7	1240.3	1110.9	978.9
47.5°	2523.4	2392.7	2284.6	2145.1	1990.5	1863.6	1700.3	1557.0	1415.0	1264.2	1115.9
50°	2943.1	2794.8	2639.0	2484.4	2313.5	2152.7	1971.7	1802.0	1612.3	1443.9	1274.2
52.5°	3499.8	3389.2	3208.2	3031.1	2822.4	2617.6	2368.8	2148.9	1905.1	1690.2	1482.9
55°	4290.2	4217.3	4060.3	3866.7	3684.5	3385.4	3098.9	2757.1	2440.4	2131.3	1839.7
57.5°	5721.6	5642.4	5467.7	5421.2	5141.0	4921.1	4585.5	4143.2	3606.6	3134.1	2662.9
60°	7782.5	7627.9	7457.0	7425.6	7096.3	6865.1	6532.1	6060.9	5555.7	4801.7	4159.5
62.5°	8933.6	8887.1	8748.8	8579.2	8293.9	7950.9	7576.4	7120.2	6607.5	5946.5	5182.4
64°	9088.1	9045.4	8926.0	8735.0	8448.5	8107.9	7693.2	7238.3	6724.4	6121.2	5423.7
65°	8991.4	8931.1	8829.3	8653.3	8386.9	8060.2	7643.0	7181.8	6660.3	6079.7	5431.3
67.5°	8211.0	8183.3	8090.3	7927.0	7759.8	7465.8	7098.8	6686.7	6260.7	5685.1	5153.5
70°	6971.9	6951.8	6833.7	6768.3	6491.9	6305.9	6009.3	5685.1	5308.1	4907.2	4454.8
72.5°	5168.6	5100.8	5005.3	4906.0	4718.7	4463.6	4232.4	3886.8	3692.1	3354.0	3098.9
75°	2740.8	2698.0	2549.8	2342.4	2111.2	1991.8	1751.8	1536.9	1366.0	1289.3	1104.6
77.5°	947.5	863.3	780.4	687.4	545.4	429.8	343.1	274.0	216.1	191.0	159.6
80°	472.5	448.6	422.2	369.5	310.4	250.1	196.0	154.6	126.9	108.1	96.8
82.5°	383.3	339.3	302.9	265.2	212.4	174.7	138.2	113.1	93.0	81.7	71.6
85°	226.2	173.4	131.9	119.4	93.0	80.4	69.1	59.1	50.3	47.8	44.0
87.5°	8.8	11.3	11.3	8.8	11.3	10.1	10.1	8.8	8.8	8.8	8.8
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):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5	134.5
2.5°	139.5	138.2	138.2	137.0	135.7	135.7	135.7	134.5	131.9	126.9	123.2
5°	144.5	143.3	142.0	139.5	138.2	137.0	135.7	135.7	129.4	120.6	114.4
7.5°	150.8	148.3	145.8	143.3	142.0	139.5	137.0	135.7	126.9	115.6	109.3
10°	157.1	153.3	149.5	148.3	144.5	142.0	138.2	135.7	125.7	111.8	103.0
12.5°	164.6	159.6	154.6	150.8	145.8	143.3	139.5	135.7	123.2	108.1	98.0
15°	173.4	165.9	159.6	155.8	150.8	144.5	139.5	135.7	120.6	104.3	93.0
17.5°	184.7	175.9	168.4	160.9	153.3	147.0	142.0	137.0	116.9	99.3	86.7
20°	202.3	191.0	178.4	169.6	159.6	152.1	143.3	137.0	114.4	94.2	81.7
22.5°	226.2	208.6	194.8	179.7	167.1	157.1	147.0	139.5	110.6	89.2	75.4
25°	260.1	237.5	214.9	196.0	179.7	165.9	153.3	143.3	108.1	85.5	71.6
27.5°	297.8	271.4	241.3	218.7	196.0	175.9	162.1	149.5	108.1	82.9	67.9
30°	350.6	312.9	276.5	247.6	217.4	194.8	174.7	158.3	108.1	81.7	64.1
32.5°	414.7	372.0	325.5	284.0	248.8	216.1	191.0	169.6	110.6	79.2	61.6
35°	503.9	441.1	385.8	334.3	287.8	250.1	217.4	188.5	114.4	77.9	57.8
37.5°	574.3	498.9	428.5	369.5	315.4	268.9	227.5	196.0	110.6	72.9	54.0
40°	658.5	573.0	487.6	413.4	351.9	291.5	243.8	206.1	108.1	66.6	49.0
42.5°	760.3	653.5	554.2	470.0	393.3	321.7	265.2	218.7	108.1	62.8	45.2
45°	855.8	738.9	628.3	522.8	433.5	354.4	285.3	232.5	106.8	59.1	40.2
47.5°	973.9	835.7	706.2	584.3	481.3	384.5	306.6	245.0	105.6	55.3	36.4
50°	1113.4	945.0	799.2	653.5	527.8	421.0	331.8	258.9	103.0	51.5	32.7
52.5°	1268.0	1087.0	901.0	732.6	585.6	459.9	355.6	271.4	99.3	47.8	28.9
55°	1541.9	1293.1	1073.2	864.6	673.6	517.7	390.8	290.3	95.5	44.0	25.1
57.5°	2199.1	1787.0	1475.3	1161.1	887.2	664.8	486.3	344.3	90.5	39.0	20.1
60°	3453.3	2773.4	2244.4	1760.6	1342.1	1020.4	716.3	508.9	96.8	32.7	17.6
62.5°	4429.7	3648.1	2974.5	2367.5	1838.5	1397.4	1043.0	760.3	139.5	28.9	13.8
64°	4684.8	3893.1	3174.3	2538.4	1988.0	1533.1	1163.7	859.6	179.7	28.9	12.6
65°	4722.5	3968.5	3245.9	2601.3	2039.6	1569.6	1198.8	892.2	196.0	30.2	11.3
67.5°	4566.7	3924.5	3267.3	2627.7	2078.5	1619.8	1246.6	943.7	221.2	28.9	8.8
70°	3988.6	3516.1	2975.8	2458.0	1960.4	1539.4	1198.8	914.8	231.2	27.6	7.5
72.5°	2714.4	2388.9	2069.7	1702.8	1364.7	1124.7	874.6	644.7	162.1	22.6	6.3
75°	904.8	882.2	789.2	598.2	502.7	408.4	326.7	251.3	61.6	13.8	6.3
77.5°	150.8	129.4	113.1	108.1	90.5	88.0	76.7	61.6	26.4	8.8	6.3
80°	88.0	80.4	70.4	62.8	55.3	49.0	41.5	35.2	16.3	6.3	7.5
82.5°	65.3	57.8	51.5	45.2	39.0	33.9	28.9	23.9	8.8	6.3	7.5
85°	37.7	32.7	28.9	25.1	20.1	17.6	15.1	12.6	6.3	6.3	6.3
87.5°	7.5	7.5	6.3	6.3	6.3	6.3	6.3	5.0	6.3	6.3	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-F05-LED-E-U-T2-HSS-7030

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	134.5	134.5	134.5	134.5	134.5	134.5	134.5
2.5°	120.6	116.9	115.6	115.6	115.6	115.6	115.6
5°	110.6	106.8	104.3	103.0	103.0	103.0	103.0
7.5°	103.0	98.0	95.5	93.0	93.0	91.7	91.7
10°	95.5	90.5	86.7	84.2	82.9	82.9	82.9
12.5°	89.2	84.2	79.2	76.7	76.7	75.4	75.4
15°	84.2	76.7	72.9	70.4	70.4	69.1	69.1
17.5°	77.9	71.6	67.9	65.3	64.1	64.1	64.1
20°	71.6	65.3	61.6	60.3	59.1	59.1	57.8
22.5°	66.6	60.3	56.5	55.3	54.0	54.0	52.8
25°	61.6	55.3	51.5	50.3	49.0	47.8	47.8
27.5°	57.8	51.5	47.8	45.2	44.0	42.7	42.7
30°	54.0	46.5	42.7	40.2	39.0	37.7	37.7
32.5°	50.3	42.7	37.7	35.2	33.9	32.7	32.7
35°	45.2	37.7	32.7	31.4	30.2	28.9	27.6
37.5°	41.5	32.7	28.9	26.4	25.1	23.9	23.9
40°	36.4	28.9	25.1	22.6	20.1	18.8	18.8
42.5°	32.7	25.1	21.4	17.6	16.3	15.1	15.1
45°	28.9	22.6	17.6	13.8	12.6	11.3	11.3
47.5°	25.1	18.8	13.8	11.3	10.1	8.8	8.8
50°	21.4	15.1	10.1	7.5	8.8	7.5	7.5
52.5°	18.8	11.3	7.5	7.5	7.5	7.5	7.5
55°	15.1	8.8	6.3	6.3	7.5	7.5	7.5
57.5°	12.6	6.3	5.0	6.3	6.3	6.3	6.3
60°	8.8	5.0	5.0	6.3	6.3	6.3	6.3
62.5°	7.5	5.0	5.0	5.0	6.3	6.3	6.3
64°	6.3	5.0	5.0	5.0	6.3	6.3	6.3
65°	6.3	5.0	5.0	5.0	6.3	6.3	6.3
67.5°	6.3	5.0	5.0	5.0	6.3	6.3	6.3
70°	5.0	5.0	5.0	5.0	6.3	6.3	6.3
72.5°	5.0	5.0	5.0	5.0	6.3	6.3	6.3
75°	5.0	5.0	5.0	5.0	6.3	6.3	6.3
77.5°	5.0	5.0	5.0	6.3	6.3	6.3	6.3
80°	5.0	5.0	5.0	6.3	6.3	6.3	6.3
82.5°	5.0	5.0	5.0	6.3	6.3	6.3	6.3
85°	5.0	5.0	5.0	6.3	6.3	6.3	6.3
87.5°	5.0	5.0	5.0	6.3	6.3	6.3	6.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)