

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: P155246

Luminaire Tested: **AVM-F02-LED-E-U-T3-HSS-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P155246  
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-F02-LED-E-U-T3-HSS-7050  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD  
Light Source: (14) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2762 lumens  
Efficiency: N/A  
Efficacy: 50.2 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

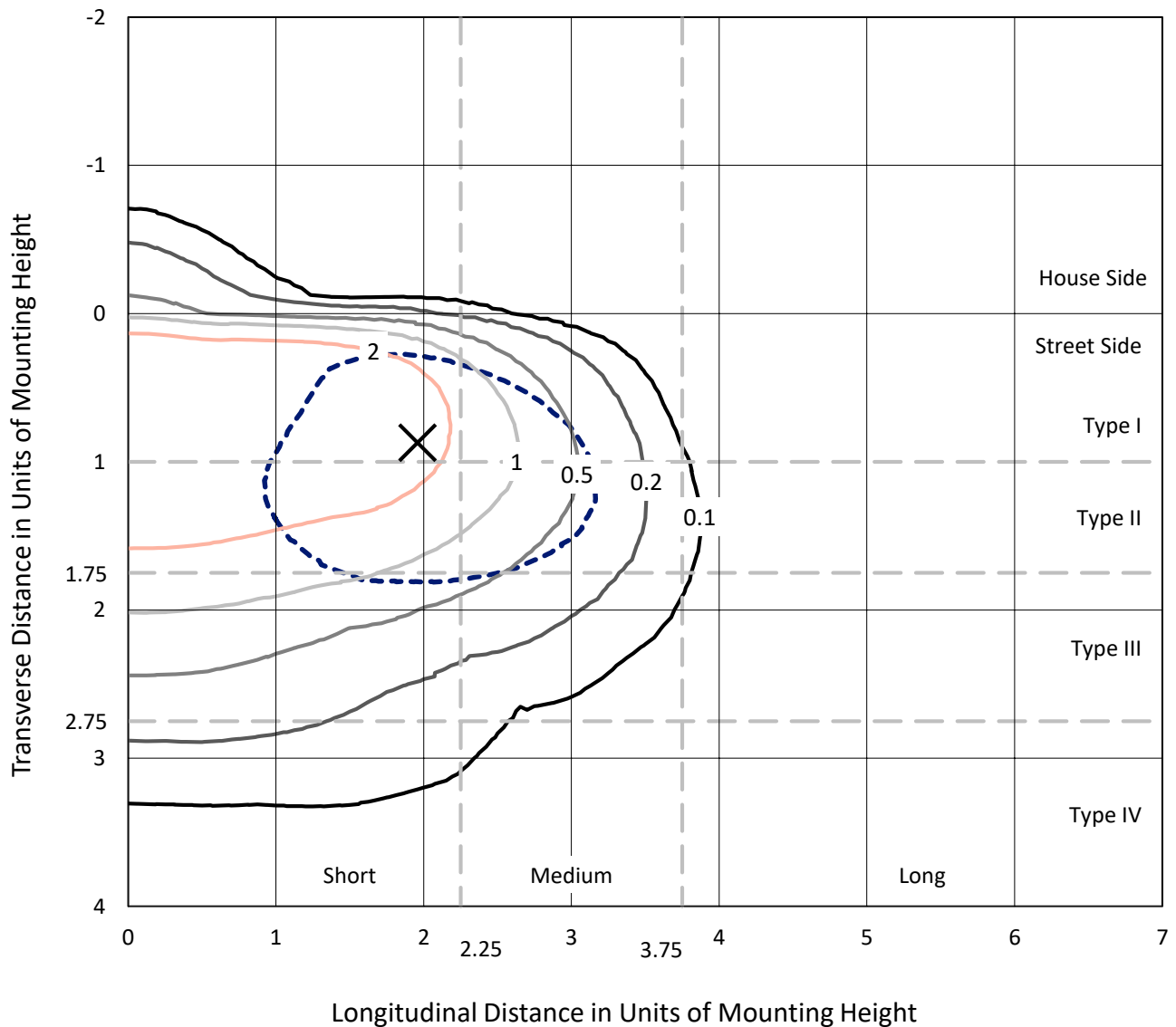
Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

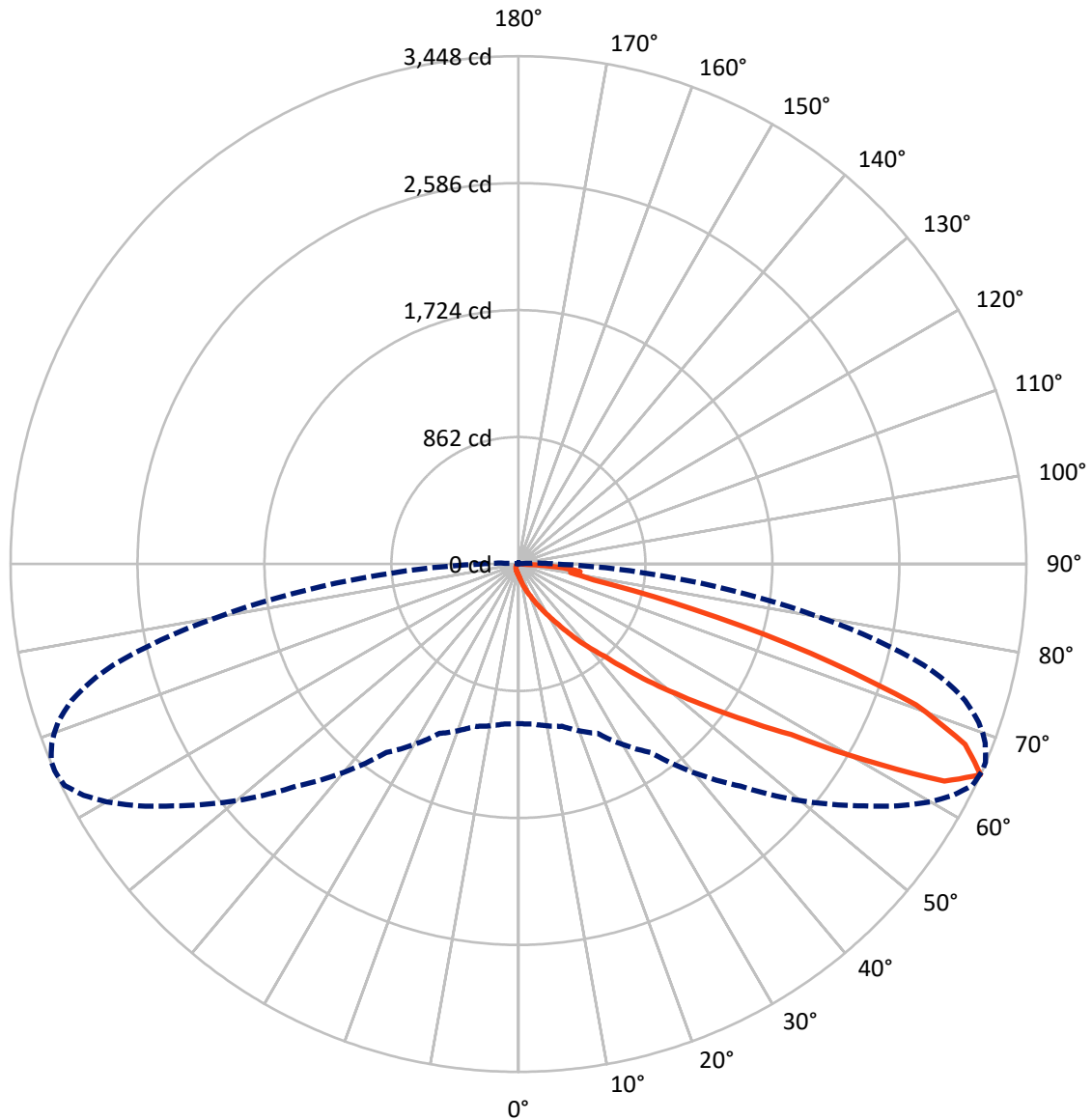
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 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
<b>House Side</b>	Lumens	55.4	0.0	55.4
	% Fixture	2.0	0.0	2.0
<b>Street Side</b>	Lumens	2706.5	0.0	2706.5
	% Fixture	98.0	0.0	98.0
<b>Total</b>	Lumens	2762.0	0.0	2762.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	9.4	0.3
10°-20°	44.9	1.6
20°-30°	102.6	3.7
30°-40°	195.2	7.1
40°-50°	391.8	14.2
50°-60°	693.2	25.1
60°-70°	905.7	32.8
70°-80°	372.4	13.5
80°-90°	46.9	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°	2762.0	100.0
0°-180°	2762.0	100.0



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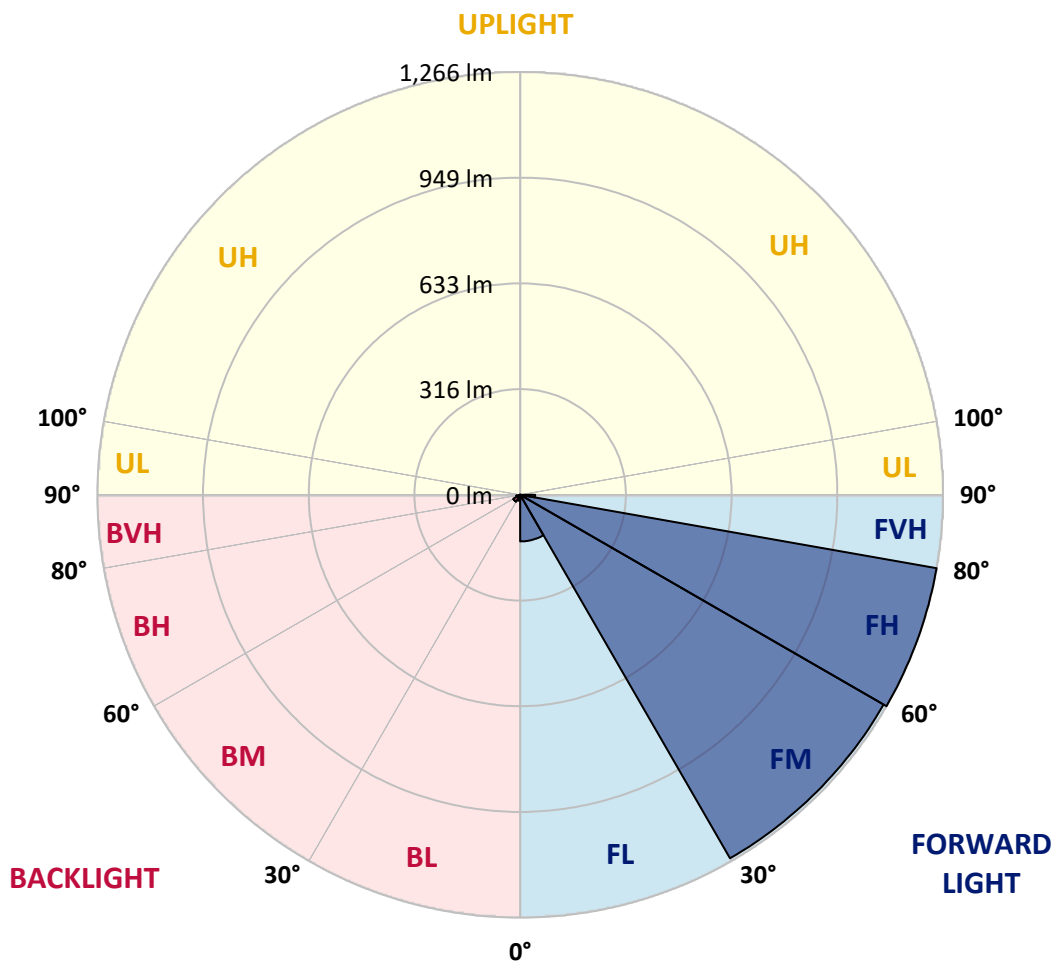
CATALOG NUMBER: AVM-F02-LED-E-U-T3-HSS-7050

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	139.6	5.1			
FM	(30°-60°)	1256.4	45.5			
FH	(60°-80°)	1265.8	45.8			G1/1800
FVH	(80°-90°)	44.8	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°)	12.3	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°	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2.5°	101.6	100.0	100.5	97.1	94.9	92.0	89.8	89.2	88.7	87.5	88.1
5°	146.3	144.6	140.6	133.8	127.6	118.0	108.4	107.9	106.2	104.5	103.3
7.5°	203.3	200.5	196.0	184.7	169.4	152.5	133.3	131.6	129.3	127.1	124.8
10°	269.4	267.7	259.2	246.2	223.1	195.4	163.2	161.5	156.4	153.6	151.3
12.5°	338.8	331.5	328.1	305.5	279.0	241.1	199.9	193.7	189.7	185.8	180.1
15°	391.3	392.5	384.6	366.5	335.4	291.4	240.0	233.2	227.6	220.2	213.5
17.5°	438.8	436.5	428.1	416.8	387.4	342.8	282.9	273.9	264.9	260.9	251.3
20°	477.2	476.1	469.3	458.6	436.0	393.0	328.1	320.8	310.6	303.8	293.1
22.5°	507.7	507.7	503.7	497.5	475.5	441.0	376.1	368.2	358.0	349.6	337.7
25°	532.0	531.4	532.0	529.1	514.5	482.8	425.2	416.2	407.7	397.6	386.3
27.5°	559.6	560.8	559.6	557.9	551.7	526.3	474.9	468.7	459.1	448.4	437.1
30°	602.6	599.2	598.6	597.5	590.1	574.3	526.3	519.0	511.6	504.3	496.4
32.5°	647.7	642.1	640.4	640.4	635.3	621.2	585.6	581.7	570.9	565.3	558.5
35°	699.1	696.9	694.6	695.2	692.9	678.2	648.9	650.0	646.6	635.3	628.5
37.5°	774.2	774.8	770.8	763.5	763.5	750.5	733.6	731.3	722.8	720.0	716.1
40°	881.5	878.7	875.3	864.6	860.6	838.6	822.8	817.1	810.4	809.8	805.3
42.5°	1005.8	1002.4	1002.4	994.5	986.6	960.0	930.1	926.1	918.8	921.1	919.4
45°	1121.0	1123.8	1127.7	1133.4	1134.5	1123.2	1079.7	1074.7	1070.7	1068.4	1066.8
47.5°	1220.4	1225.4	1238.4	1262.7	1293.8	1297.7	1263.3	1249.7	1246.9	1242.9	1239.6
50°	1291.5	1298.8	1328.2	1375.7	1436.1	1473.3	1454.7	1443.4	1442.9	1432.1	1431.0
52.5°	1332.2	1340.1	1388.1	1459.8	1553.5	1626.4	1649.5	1649.0	1647.8	1638.2	1634.3
55°	1341.2	1349.7	1407.3	1505.0	1638.8	1764.7	1853.4	1855.7	1860.7	1857.9	1857.9
57.5°	1316.4	1327.1	1389.8	1510.6	1683.4	1874.3	2068.0	2081.0	2087.2	2109.2	2134.6
60°	1270.6	1278.5	1341.2	1476.2	1691.3	1974.3	2347.0	2388.2	2420.4	2463.9	2505.1
62.5°	1185.9	1201.7	1261.6	1408.4	1667.6	2089.5	2680.1	2756.4	2819.1	2885.1	2964.8
65°	1083.1	1089.9	1140.7	1268.9	1561.4	2133.5	2864.2	2938.8	3019.0	3089.6	3160.7
67.5°	954.4	960.0	1004.1	1058.8	1288.7	1927.4	2683.0	2765.4	2837.7	2895.9	2989.0
70°	625.1	637.6	745.4	799.6	900.7	1424.8	2193.9	2273.6	2328.9	2368.4	2476.3
72.5°	458.0	465.9	509.4	621.2	646.0	842.0	1543.9	1630.3	1650.7	1725.2	1775.5
75°	279.5	299.3	397.6	532.0	629.7	576.6	925.0	966.8	1013.7	1067.9	1115.9
77.5°	56.5	64.4	129.9	366.5	554.0	616.1	552.3	560.2	583.4	588.4	606.5
80°	9.0	9.6	16.9	158.1	320.8	498.1	552.3	545.0	532.0	522.9	513.9
82.5°	4.0	4.5	7.3	40.1	68.3	166.0	477.8	515.0	557.9	581.7	587.9
85°	1.7	1.7	2.8	7.9	10.2	11.3	80.8	106.7	190.3	253.0	291.4
87.5°	1.1	1.1	1.7	1.7	2.3	2.8	4.0	4.0	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°	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2.5°	88.1	87.5	87.5	85.8	85.8	85.3	85.3	84.7	84.7	83.6	84.1
5°	102.8	101.6	100.5	98.8	98.3	97.1	96.0	94.3	93.7	92.6	92.0
7.5°	122.5	121.4	119.2	115.8	113.5	111.2	109.0	106.7	105.0	103.3	102.2
10°	146.8	143.4	142.3	135.5	132.7	128.2	125.4	123.1	119.7	116.9	115.2
12.5°	176.2	173.4	167.7	158.7	154.2	150.2	145.1	140.6	137.2	132.1	128.8
15°	206.7	204.4	196.5	186.4	180.7	173.4	168.3	163.8	156.4	153.0	146.8
17.5°	245.1	238.3	230.4	215.7	208.4	202.2	193.1	186.4	181.8	171.7	166.0
20°	284.6	277.3	267.1	250.7	240.6	231.0	223.6	214.6	205.0	198.2	188.6
22.5°	329.8	317.9	310.0	289.7	277.8	267.7	255.3	245.7	236.1	225.3	214.6
25°	377.8	365.9	356.3	333.2	320.8	310.6	295.9	282.4	270.5	258.6	246.2
27.5°	428.1	417.3	406.6	382.9	372.1	358.0	344.5	328.7	313.4	302.7	285.7
30°	486.2	477.2	465.3	439.9	428.1	413.4	399.3	380.6	365.9	351.3	334.9
32.5°	548.9	541.6	529.1	506.6	492.4	480.0	464.8	446.7	425.8	410.5	391.3
35°	625.1	612.7	605.4	583.9	573.2	559.6	543.8	528.0	506.0	484.5	468.2
37.5°	712.1	706.5	696.9	676.5	668.6	654.5	644.3	628.5	611.6	584.5	567.0
40°	801.3	797.4	788.9	768.6	760.7	751.1	739.2	724.0	703.6	689.5	663.5
42.5°	914.8	908.6	901.9	882.7	867.4	855.5	850.5	837.5	816.0	797.9	777.6
45°	1058.8	1056.0	1047.0	1027.8	1012.5	1004.6	996.7	974.7	960.6	942.5	928.4
47.5°	1232.8	1223.7	1219.2	1197.8	1192.7	1186.5	1166.1	1153.7	1133.4	1119.3	1101.8
50°	1420.8	1411.2	1411.8	1385.8	1386.9	1382.4	1367.2	1352.5	1335.0	1322.6	1311.8
52.5°	1623.0	1627.5	1616.2	1624.1	1615.1	1604.9	1602.1	1584.0	1568.8	1568.2	1553.5
55°	1871.5	1864.1	1867.0	1874.9	1862.4	1873.7	1868.1	1844.9	1845.5	1850.0	1833.1
57.5°	2138.6	2149.3	2172.5	2177.5	2199.0	2184.3	2222.7	2195.1	2212.0	2212.0	2200.7
60°	2530.5	2573.4	2629.3	2672.8	2712.9	2699.9	2750.2	2718.5	2741.1	2721.9	2712.3
62.5°	3002.6	3059.6	3125.7	3196.3	3237.0	3247.1	3239.8	3253.9	3231.9	3217.8	3181.1
65°	3229.6	3286.1	3343.7	3428.4	3439.7	3448.2	3444.8	3421.1	3393.9	3353.9	3305.9
67.5°	3041.0	3120.1	3152.3	3249.9	3282.7	3270.8	3274.8	3244.3	3201.9	3162.4	3091.8
70°	2521.5	2611.8	2628.8	2768.8	2807.8	2864.2	2843.9	2834.9	2788.6	2755.3	2677.3
72.5°	1835.9	1906.5	1900.8	2058.4	2051.6	2074.8	2129.5	2127.3	2078.7	2068.0	2002.5
75°	1130.0	1172.4	1170.1	1281.9	1235.0	1228.3	1243.5	1236.7	1191.0	1143.6	1102.9
77.5°	598.6	617.8	597.5	564.2	560.8	522.9	512.2	511.6	476.6	433.7	402.1
80°	504.3	484.5	460.8	412.2	384.0	358.6	334.9	312.9	289.1	257.5	219.1
82.5°	589.0	579.4	562.5	501.5	472.1	421.3	383.4	347.9	304.4	271.6	222.5
85°	286.9	286.3	299.9	293.7	282.9	280.7	243.4	235.5	218.0	199.9	167.2
87.5°	7.9	5.6	6.8	5.6	6.8	7.3	5.1	11.9	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°	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2.5°	83.6	83.0	82.4	82.4	81.9	81.9	81.3	80.8	80.8	80.2	80.2
5°	90.9	89.8	89.2	88.7	87.5	87.0	85.8	85.3	84.1	83.6	82.4
7.5°	100.0	98.8	96.6	95.4	93.7	93.2	90.4	89.2	88.1	87.0	85.3
10°	111.2	108.4	106.2	103.9	101.1	98.8	96.6	94.9	92.6	89.8	88.7
12.5°	125.4	121.4	118.0	114.1	110.7	107.3	103.3	100.5	97.1	94.3	91.5
15°	141.2	135.5	131.0	125.4	119.7	115.8	111.8	107.9	103.3	99.4	96.0
17.5°	159.3	151.9	145.7	138.9	132.7	127.1	120.3	115.2	110.1	104.5	100.0
20°	178.5	171.1	162.6	155.3	146.3	140.0	131.6	124.8	117.5	111.8	105.6
22.5°	203.9	194.3	183.5	173.4	163.8	154.2	145.1	136.7	127.6	119.2	112.9
25°	233.8	221.9	208.4	198.2	184.7	173.9	162.6	151.9	142.3	131.6	121.4
27.5°	271.1	255.3	240.6	226.5	211.8	198.2	183.5	171.1	158.1	145.7	134.4
30°	314.5	299.3	277.3	261.5	246.8	228.1	213.5	197.1	182.4	164.3	151.9
32.5°	372.1	352.4	329.2	308.3	289.1	268.2	247.9	227.0	207.8	191.4	172.8
35°	447.3	424.1	396.4	369.9	348.4	323.0	297.0	273.3	251.3	227.6	204.4
37.5°	542.1	520.7	490.7	458.6	429.7	399.3	372.1	338.8	309.5	280.7	251.3
40°	636.4	616.7	585.6	551.2	513.9	478.9	444.4	406.6	369.3	333.2	302.7
42.5°	752.8	723.4	690.1	651.1	615.0	573.2	530.3	486.8	442.2	398.7	355.2
45°	899.0	876.4	829.6	787.8	744.9	695.7	642.6	593.0	535.9	484.5	426.9
47.5°	1076.9	1036.3	1001.8	963.4	909.8	862.3	794.6	735.8	664.7	596.3	527.4
50°	1287.0	1264.4	1218.7	1170.7	1112.5	1056.0	989.9	905.2	820.0	747.1	652.8
52.5°	1532.6	1500.5	1471.7	1422.0	1362.7	1290.4	1215.3	1123.2	1018.7	916.0	815.5
55°	1824.0	1801.4	1773.8	1734.2	1658.6	1576.7	1486.3	1376.2	1252.5	1114.2	997.3
57.5°	2200.1	2176.4	2149.9	2068.6	2017.2	1916.6	1785.6	1671.6	1538.3	1361.0	1215.8
60°	2713.5	2681.3	2644.0	2577.9	2470.6	2340.2	2199.6	2030.7	1867.5	1673.8	1483.5
62.5°	3152.3	3100.9	3021.2	2936.0	2807.2	2657.6	2480.8	2282.0	2096.2	1878.2	1666.5
65°	3242.6	3172.0	3078.3	2967.0	2834.3	2665.5	2480.8	2290.5	2071.9	1867.0	1654.1
67.5°	3007.7	2925.8	2829.8	2705.6	2579.1	2405.1	2245.9	2052.2	1846.6	1669.3	1479.0
70°	2621.4	2500.0	2401.7	2269.6	2141.4	2004.7	1837.0	1691.9	1524.7	1361.5	1215.8
72.5°	1968.6	1848.9	1759.7	1654.1	1577.8	1433.3	1310.1	1201.7	1102.9	980.9	873.1
75°	1061.1	971.3	911.5	863.5	795.1	699.7	641.0	566.4	524.6	473.8	424.7
77.5°	346.2	304.9	260.3	216.9	186.4	140.0	135.5	107.9	101.6	98.8	76.2
80°	177.3	136.7	98.8	71.2	54.2	48.0	45.7	43.5	41.2	39.5	36.7
82.5°	177.9	128.8	88.7	61.6	44.6	37.3	35.0	33.9	32.2	30.5	28.2
85°	129.9	96.0	66.1	45.2	31.1	24.8	23.7	22.0	20.9	20.3	18.1
87.5°	8.5	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-F02-LED-E-U-T3-HSS-7050

**CANDELA DISTRIBUTION (continued):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2.5°	79.6	79.1	79.1	78.5	77.9	77.9	77.4	77.4	75.7	72.8	70.6
5°	81.9	80.8	80.2	79.6	79.1	77.9	77.4	76.8	74.0	68.3	63.8
7.5°	83.6	82.4	81.9	80.8	79.1	78.5	77.4	76.2	71.7	63.8	58.7
10°	86.4	84.7	83.0	81.3	79.6	78.5	76.8	75.7	68.9	59.9	54.8
12.5°	89.2	87.0	84.7	81.9	80.2	78.5	76.8	74.5	66.6	56.5	50.8
15°	92.6	89.2	86.4	83.6	80.8	78.5	75.7	74.0	64.4	53.6	48.6
17.5°	96.0	92.0	88.1	84.1	81.3	77.9	75.7	72.8	62.1	51.4	45.7
20°	100.0	94.3	90.4	85.8	81.9	77.9	74.5	71.7	59.9	48.6	42.9
22.5°	105.6	98.8	92.6	87.5	82.4	78.5	74.5	70.6	57.6	46.3	40.7
25°	112.9	104.5	97.1	90.9	84.7	79.6	75.1	71.2	55.9	44.6	37.8
27.5°	123.7	112.9	105.0	96.6	88.7	82.4	76.8	72.3	54.8	42.9	36.1
30°	136.7	125.9	113.5	103.3	94.9	86.4	80.2	73.4	53.6	41.2	33.9
32.5°	155.9	140.6	125.9	113.5	101.6	92.0	83.0	76.2	53.1	38.4	31.6
35°	183.5	162.6	145.1	128.8	112.4	100.5	89.8	80.8	52.5	36.1	29.4
37.5°	223.1	198.2	175.6	152.5	132.1	115.2	100.5	88.7	52.5	34.4	27.1
40°	265.4	233.2	204.4	175.6	149.7	128.2	108.4	93.7	51.4	32.2	24.8
42.5°	313.4	273.9	234.4	198.8	166.6	138.9	115.8	97.7	48.6	29.9	22.6
45°	377.8	325.8	278.4	232.7	190.9	154.7	125.4	102.2	45.7	28.2	20.3
47.5°	458.6	398.1	336.6	279.0	224.2	178.5	139.5	109.6	44.0	26.0	18.6
50°	578.8	493.0	411.7	338.3	268.8	208.9	160.4	120.3	42.4	24.3	16.9
52.5°	711.0	605.4	509.9	415.6	329.2	250.2	184.7	134.4	40.7	22.6	15.2
55°	871.9	742.0	625.7	503.2	392.5	298.2	214.6	150.2	38.4	20.9	14.1
57.5°	1070.7	906.4	768.6	618.9	480.0	360.3	254.7	176.8	36.1	18.6	12.4
60°	1292.6	1106.8	933.5	757.9	589.6	442.7	314.0	214.6	33.9	16.4	10.7
62.5°	1452.5	1248.6	1050.4	853.3	668.6	504.3	362.0	244.0	30.5	14.1	9.6
65°	1450.8	1244.1	1044.7	850.5	670.9	506.6	363.7	249.6	27.1	12.4	8.5
67.5°	1292.6	1118.7	940.8	766.3	609.3	460.8	336.6	231.5	23.2	11.3	7.3
70°	1063.4	925.0	784.4	646.0	520.1	394.7	290.8	201.6	19.8	10.2	6.2
72.5°	776.5	675.4	589.6	491.9	406.0	311.7	232.1	158.1	15.8	8.5	5.6
75°	385.7	345.0	295.9	265.4	226.5	185.2	144.0	92.0	13.0	6.8	5.1
77.5°	73.4	65.5	62.7	54.2	49.7	44.0	39.0	27.7	10.2	5.1	4.5
80°	33.9	31.1	28.2	25.4	22.6	19.2	16.9	14.7	7.9	4.0	5.1
82.5°	26.5	24.3	21.5	19.2	16.9	14.7	12.4	10.7	5.1	3.4	5.1
85°	17.5	15.2	13.6	11.9	10.2	9.0	7.9	6.8	3.4	3.4	3.4
87.5°	5.1	5.1	4.5	4.5	4.0	4.0	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°	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2.5°	68.3	65.5	64.4	63.8	63.8	64.4	63.8
5°	60.4	57.6	56.5	55.3	55.3	55.3	55.9
7.5°	55.3	52.5	50.8	50.3	49.7	50.3	50.3
10°	50.8	48.6	46.3	45.2	45.2	45.2	45.2
12.5°	47.4	44.6	42.4	41.8	41.2	41.2	41.2
15°	44.6	41.2	39.5	38.4	37.8	37.8	38.4
17.5°	41.2	38.4	36.1	35.6	35.6	35.6	35.6
20°	39.0	35.6	33.9	32.8	32.8	32.8	32.8
22.5°	36.1	33.3	31.1	29.9	29.9	29.9	29.9
25°	33.9	31.1	28.8	27.7	27.7	27.7	27.7
27.5°	31.6	28.8	26.5	25.4	25.4	25.4	25.4
30°	29.4	26.5	24.3	23.2	23.2	23.2	23.2
32.5°	27.7	24.3	22.0	20.9	20.9	21.5	20.9
35°	24.8	22.0	19.8	18.6	18.6	18.6	18.6
37.5°	22.6	19.8	17.5	16.4	16.4	16.4	15.8
40°	20.9	17.5	15.2	14.1	13.6	13.6	13.6
42.5°	18.1	14.7	13.0	11.9	11.3	11.3	11.3
45°	16.4	13.0	10.7	9.6	9.6	9.6	9.6
47.5°	14.7	11.3	9.0	7.9	7.9	8.5	8.5
50°	13.0	9.6	7.3	7.3	7.3	7.9	7.9
52.5°	11.3	8.5	6.8	6.8	7.3	7.9	7.9
55°	10.2	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°	4.0	4.0	4.5	5.1	5.6	6.2	6.2
85°	3.4	4.0	4.0	4.5	5.1	6.2	6.2
87.5°	2.8	2.8	3.4	4.0	4.5	5.1	5.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)