

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: P154196

Luminaire Tested: **AVM-F01-LED-E-U-T2-HSS-7050**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P154196  
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-F01-LED-E-U-T2-HSS-7050  
Description: VISION SITE MEDIUM LED LUMINAIRE  
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 2 AREA W/ HOUSE SIDE SHIELD  
Light Source: (7) 5000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1356.4 lumens  
Efficiency: N/A  
Efficacy: 52.4 lumens/watt  
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')  
IES Classification: Type II - Short - Non-Cutoff  
BUG Rating: B0 - U0 - G1

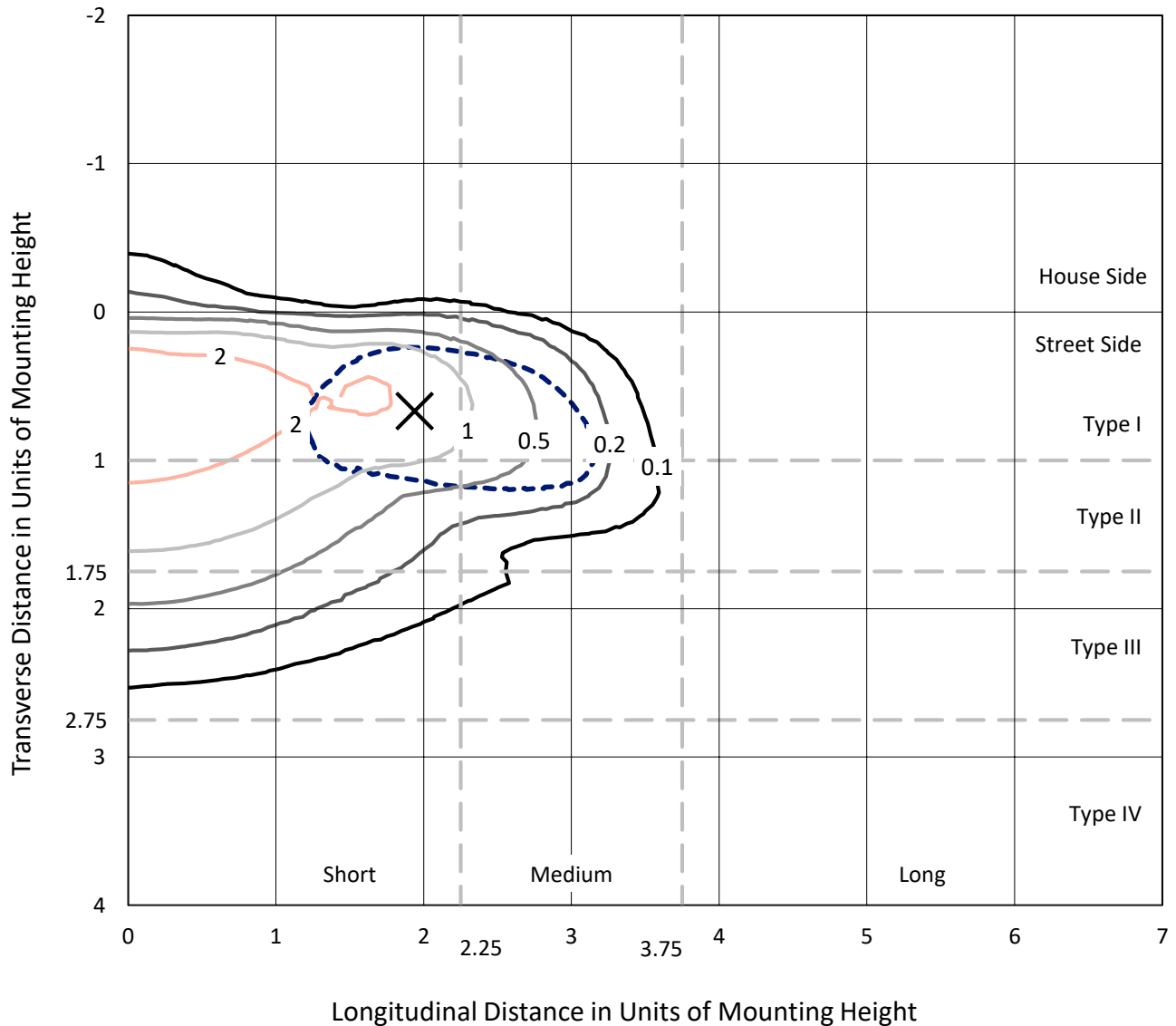
Input Watts (W): 25.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: P154196  
 CATALOG NUMBER: AVM-F01-LED-E-U-T2-HSS-7050

### Iso-Footcandle Lines of Horizontal Illumination

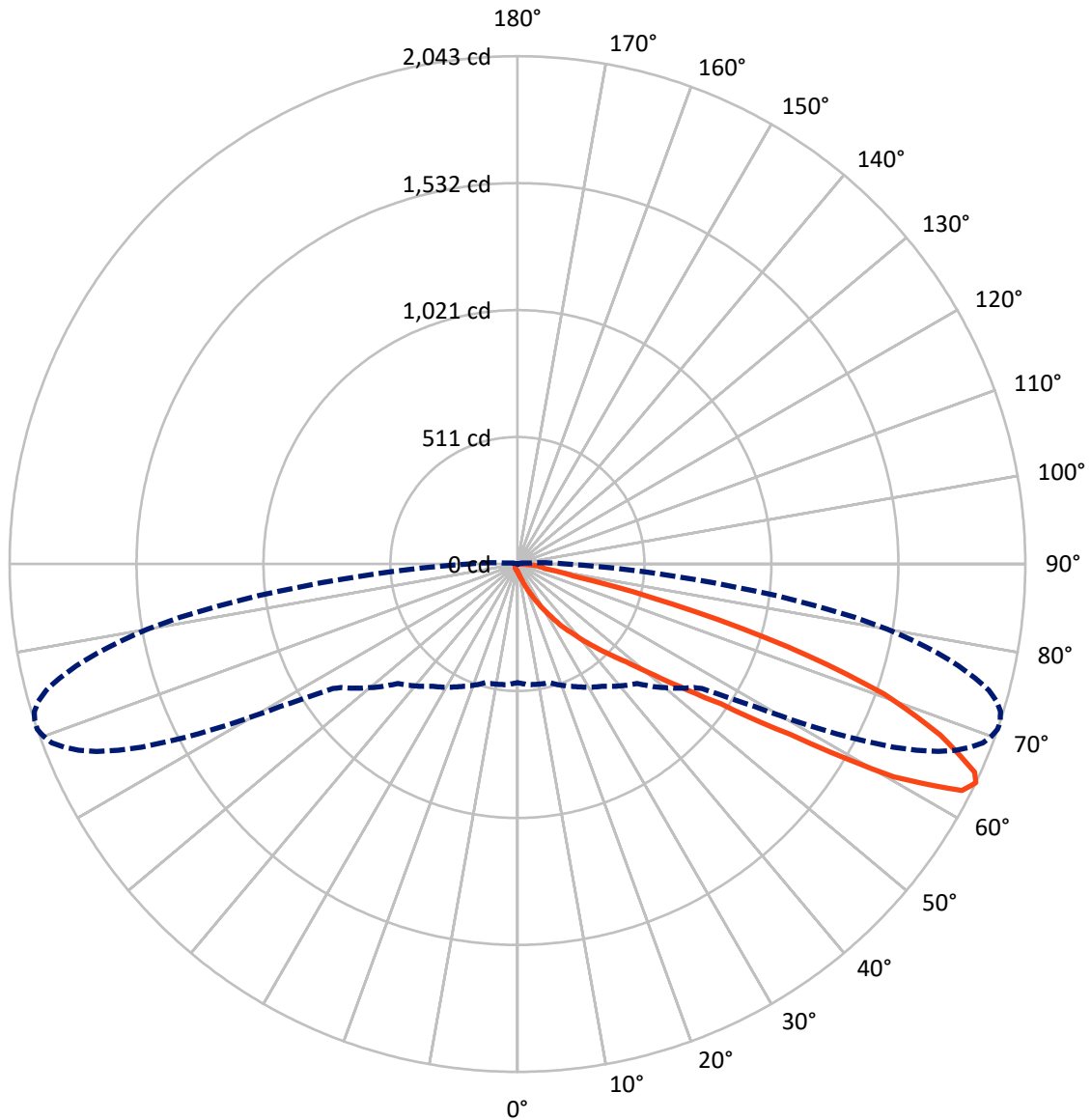
✕ Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.6 fc  
 Type II - Short - Non-Cutoff

REPORT NUMBER: P154196  
CATALOG NUMBER: AVM-F01-LED-E-U-T2-HSS-7050

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P154196

CATALOG NUMBER: AVM-F01-LED-E-U-T2-HSS-7050

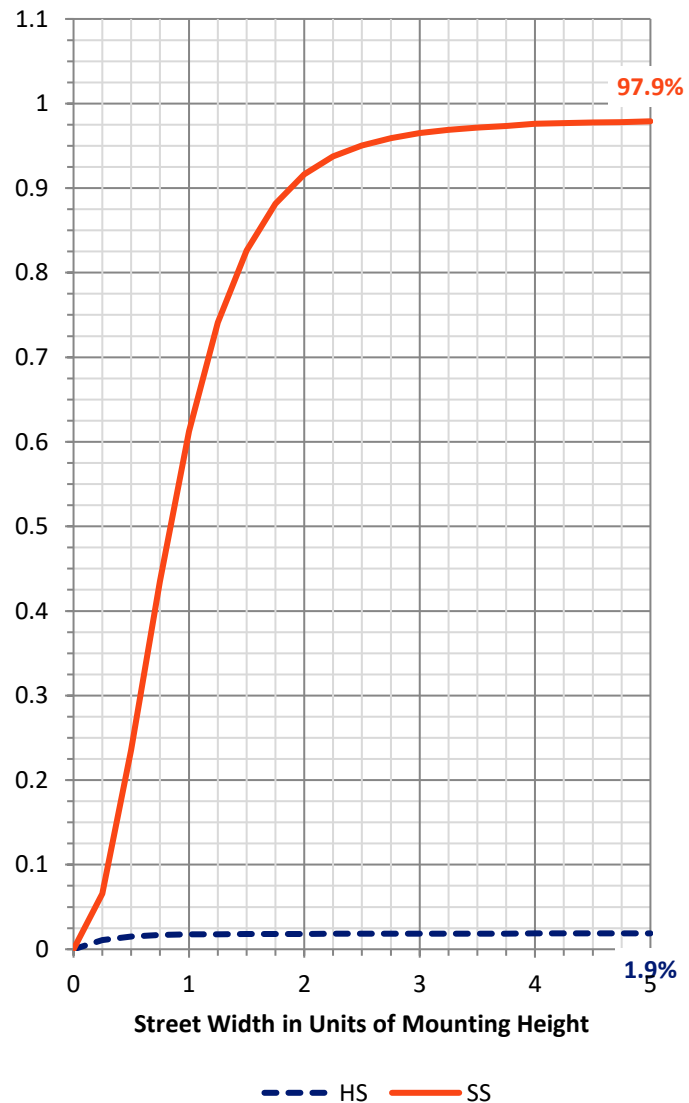
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	25.9	0.0	25.9
	% Fixture	1.9	0.0	1.9
<b>Street Side</b>	Lumens	1330.5	0.0	1330.5
	% Fixture	98.1	0.0	98.1
<b>Total</b>	Lumens	1356.4	0.0	1356.4
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	4.2	0.3
10°-20°	24.5	1.8
20°-30°	62.6	4.6
30°-40°	126.7	9.3
40°-50°	231.6	17.1
50°-60°	360.8	26.6
60°-70°	401.1	29.6
70°-80°	130.8	9.6
80°-90°	14.1	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°	1356.4	100.0
0°-180°	1356.4	100.0



REPORT NUMBER: P154196

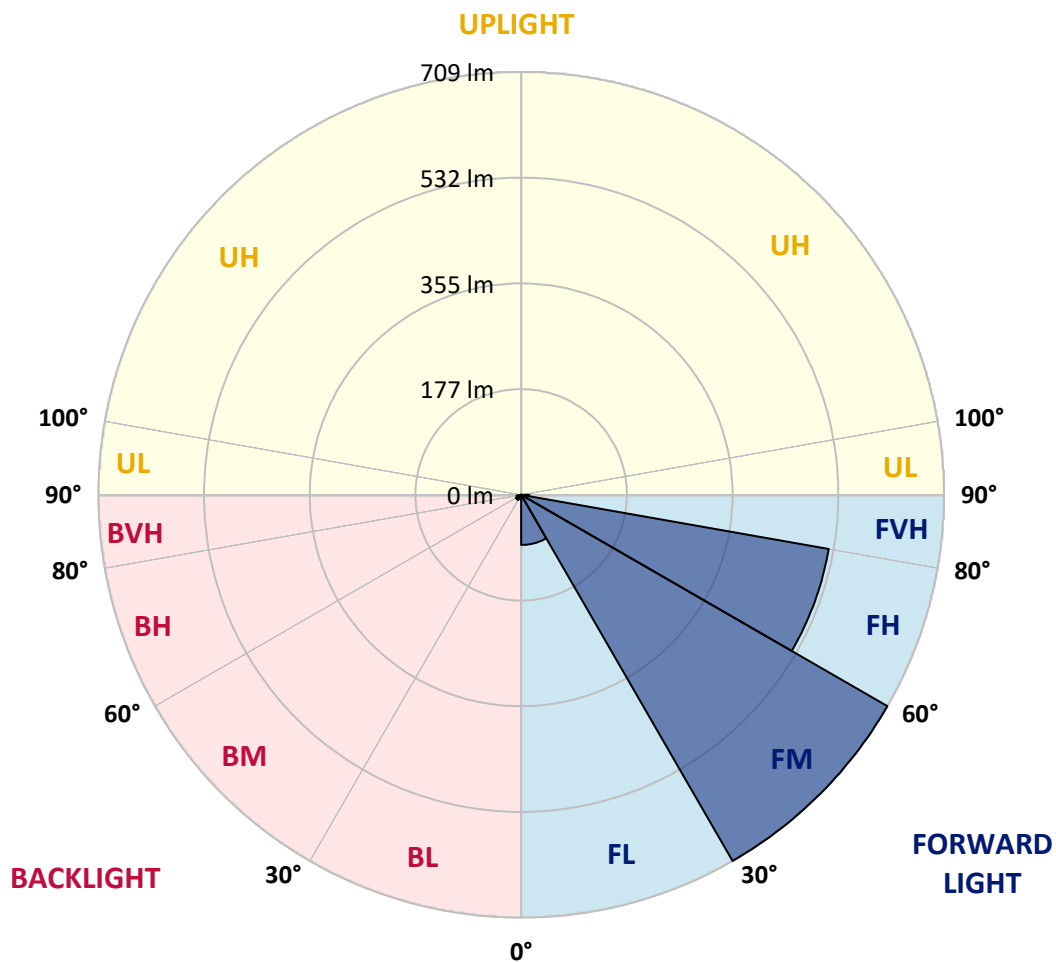
CATALOG NUMBER: AVM-F01-LED-E-U-T2-HSS-7050

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	84.1	6.2			
FM	(30°-60°)	709.1	52.3			
FH	(60°-80°)	523.9	38.6			G0/660
FVH	(80°-90°)	13.4	1.0			G1/100
BL	(0°-30°)	7.2	0.5	B0/110		
BM	(30°-60°)	10.0	0.7	B0/220		
BH	(60°-80°)	8.0	0.6	B0/110		G0/110
BVH	(80°-90°)	0.7	0.0			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 II Short





REPORT NUMBER: P154196  
 CATALOG NUMBER: AVM-F01-LED-E-U-T2-HSS-7050

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
2.5°	40.7	40.1	40.1	39.2	38.1	37.0	35.9	35.6	35.3	35.0	35.0
5°	63.8	61.6	60.7	57.6	53.6	48.8	44.6	43.5	43.5	42.6	42.1
7.5°	100.2	99.1	93.2	90.1	80.8	69.2	57.0	55.9	55.6	54.5	52.8
10°	146.8	144.6	140.3	131.3	114.4	94.3	77.1	74.3	72.3	70.0	67.8
12.5°	193.4	190.6	184.4	169.7	152.8	127.1	99.4	96.8	93.7	90.6	87.0
15°	240.0	238.0	228.4	213.7	191.7	160.9	125.9	121.4	118.9	112.7	109.8
17.5°	280.4	277.8	270.2	253.6	230.7	196.8	155.3	149.7	145.4	141.7	135.0
20°	315.4	312.9	305.5	291.7	266.0	232.7	186.9	184.1	176.5	170.8	166.9
22.5°	336.9	336.0	331.2	317.9	295.1	265.4	223.1	218.5	213.5	205.8	201.3
25°	350.1	349.3	346.5	337.1	321.6	299.9	262.9	257.2	252.7	245.9	240.3
27.5°	364.0	363.4	361.1	352.9	344.8	331.2	303.3	300.1	290.3	286.3	280.9
30°	386.8	384.3	386.3	382.3	371.9	363.4	343.9	339.4	335.2	328.4	323.6
32.5°	423.3	419.0	423.3	419.0	414.5	404.3	385.7	384.3	380.1	375.8	369.0
35°	467.9	466.2	469.6	473.2	469.6	456.0	433.4	429.2	427.5	420.7	418.2
37.5°	512.8	515.9	522.1	530.3	528.0	518.1	486.2	482.3	479.2	473.2	468.7
40°	561.0	561.3	574.6	586.5	592.4	586.5	544.4	541.3	537.0	528.6	527.4
42.5°	613.6	611.3	621.2	634.5	646.6	654.8	621.2	615.3	609.3	599.7	593.2
45°	660.2	660.2	668.1	680.5	699.1	719.7	702.2	696.0	690.4	682.5	675.1
47.5°	694.6	694.9	699.7	717.8	746.8	777.6	778.2	779.3	775.1	765.8	766.0
50°	718.9	715.8	722.3	739.8	773.4	821.7	856.4	858.4	861.8	854.1	856.4
52.5°	736.7	735.3	739.5	754.2	787.8	846.8	920.5	929.0	934.0	935.2	944.5
55°	727.4	728.2	738.4	759.5	795.7	863.5	975.0	988.8	1000.7	1010.8	1022.4
57.5°	696.6	699.1	716.9	749.9	797.4	877.0	1032.9	1054.0	1076.4	1103.5	1126.3
60°	647.4	653.4	677.4	723.7	781.0	859.2	1050.1	1082.6	1116.7	1158.0	1204.0
62.5°	575.4	576.6	592.4	637.3	700.5	764.6	971.0	1012.5	1057.7	1117.3	1181.7
64°	476.9	487.1	494.4	543.8	600.3	680.2	866.6	895.4	958.3	1031.5	1112.5
65°	393.6	405.7	411.7	461.1	525.8	602.0	775.6	806.4	872.8	947.0	1048.1
67.5°	232.1	223.9	241.1	270.2	324.4	414.8	523.2	546.6	596.1	684.4	765.2
70°	149.7	149.7	165.5	195.1	245.4	314.5	359.4	349.6	360.0	394.2	451.2
72.5°	96.0	101.1	110.7	135.8	182.4	263.7	367.3	320.8	296.5	285.2	284.6
75°	43.8	46.6	57.0	72.0	97.4	172.0	370.5	350.1	327.8	306.4	289.7
77.5°	9.3	10.7	18.1	37.3	47.4	79.3	262.9	293.4	317.7	324.7	324.7
80°	4.8	5.1	7.6	17.5	20.3	26.8	101.4	133.3	164.3	205.3	248.2
82.5°	2.0	2.3	4.5	7.9	8.5	8.2	26.8	33.9	46.6	67.8	101.1
85°	0.6	0.6	2.0	3.1	4.5	3.7	5.9	6.8	8.8	12.7	24.3
87.5°	0.0	0.0	0.3	0.6	0.8	1.4	1.7	1.7	1.7	1.7	1.7
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: P154196  
 CATALOG NUMBER: AVM-F01-LED-E-U-T2-HSS-7050

**CANDELA DISTRIBUTION (continued):**

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
2.5°	34.7	34.7	34.4	34.2	34.2	33.6	33.6	33.3	33.3	33.0	33.0
5°	41.8	41.2	40.7	39.8	39.5	39.0	38.4	37.8	37.3	37.0	36.4
7.5°	52.0	51.4	49.7	48.6	47.2	46.3	45.2	44.3	43.5	42.9	41.8
10°	65.5	63.5	62.7	58.7	57.9	55.9	54.2	53.1	50.8	49.4	48.0
12.5°	84.7	81.0	79.6	72.8	70.9	68.0	66.1	63.2	60.7	59.0	56.5
15°	106.4	103.6	98.3	91.5	87.8	84.7	79.9	77.6	74.3	70.6	66.9
17.5°	132.4	127.3	121.4	112.7	108.1	103.3	98.8	94.0	88.4	85.0	81.0
20°	162.6	157.3	149.9	138.9	133.6	128.8	120.8	117.5	110.7	103.9	98.8
22.5°	195.7	190.3	183.3	170.8	163.8	155.9	149.4	143.4	135.5	128.8	122.8
25°	232.9	226.7	221.4	207.0	198.2	190.0	183.0	172.5	165.7	157.8	149.7
27.5°	275.3	268.0	260.9	245.1	236.9	227.9	219.4	208.4	201.9	188.9	181.3
30°	318.8	309.7	302.4	286.3	279.0	269.7	258.1	248.2	237.2	228.4	216.0
32.5°	364.5	357.2	351.3	334.3	325.0	313.4	303.0	292.5	282.9	268.8	257.5
35°	413.4	406.9	400.4	385.7	377.5	368.8	356.9	344.2	330.9	316.2	306.1
37.5°	464.8	459.7	454.6	436.8	427.2	417.9	404.3	391.6	379.8	364.2	347.0
40°	518.7	513.9	505.7	491.0	480.9	472.4	460.0	448.1	432.0	414.8	399.5
42.5°	586.5	576.0	569.0	552.9	542.1	532.8	521.8	504.0	490.5	469.8	455.2
45°	665.8	655.9	644.3	628.0	614.7	599.4	583.9	571.8	554.8	536.2	517.3
47.5°	755.0	747.1	733.6	717.5	704.2	689.0	670.6	655.1	634.5	612.7	587.0
50°	853.3	845.1	836.1	818.0	804.7	790.3	775.9	757.6	738.9	713.0	686.4
52.5°	944.5	946.2	940.8	932.3	925.9	910.9	897.6	880.1	863.7	840.0	819.4
55°	1034.6	1049.2	1054.9	1063.1	1065.9	1053.8	1053.5	1027.8	1017.9	1004.1	992.2
57.5°	1153.4	1185.9	1211.6	1261.3	1282.2	1303.4	1307.3	1289.2	1307.9	1283.9	1292.1
60°	1254.5	1314.1	1377.9	1506.4	1570.8	1619.3	1658.3	1687.1	1705.7	1737.4	1739.0
62.5°	1263.6	1357.3	1454.4	1641.9	1730.0	1803.7	1874.0	1923.1	1962.1	1998.0	2006.7
64°	1220.4	1336.4	1454.4	1681.2	1771.2	1853.1	1917.2	1966.1	2005.9	2028.2	2042.9
65°	1141.9	1271.7	1407.6	1655.2	1748.1	1835.0	1896.3	1945.5	1983.0	2005.3	2020.6
67.5°	845.9	971.6	1108.0	1396.3	1542.5	1622.1	1700.6	1769.5	1799.8	1828.0	1833.4
70°	515.6	606.8	700.8	968.2	1104.0	1247.2	1335.6	1436.4	1506.9	1550.4	1564.8
72.5°	311.2	342.8	399.0	542.7	672.9	773.4	895.6	991.9	1071.0	1114.8	1136.8
75°	277.0	273.0	280.4	340.2	386.5	447.0	491.3	551.7	600.6	615.8	644.3
77.5°	320.2	308.9	297.3	286.0	283.8	278.1	269.1	271.3	249.9	229.3	229.8
80°	285.2	312.3	328.4	316.5	289.7	262.6	229.3	187.8	146.8	121.4	110.7
82.5°	143.2	203.6	261.7	319.3	315.4	291.4	254.7	209.2	162.1	124.5	99.4
85°	44.0	78.2	110.1	153.0	177.6	174.2	153.0	148.8	106.2	82.7	63.8
87.5°	2.0	2.0	2.0	1.7	2.0	2.0	2.0	2.3	2.3	2.5	2.5
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: P154196  
 CATALOG NUMBER: AVM-F01-LED-E-U-T2-HSS-7050

**CANDELA DISTRIBUTION (continued):**

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
2.5°	33.0	32.8	32.5	32.2	32.2	32.2	31.9	31.9	31.6	31.6	31.3
5°	36.4	35.9	35.6	35.0	35.0	34.4	34.2	33.9	33.3	33.0	32.8
7.5°	40.9	40.4	39.5	38.7	38.4	37.6	36.7	36.1	35.6	35.0	34.4
10°	46.9	45.7	44.0	42.9	42.1	40.9	39.8	39.0	37.8	36.7	36.1
12.5°	54.5	52.2	50.5	48.6	46.9	45.2	43.2	42.1	40.9	39.2	38.1
15°	63.2	61.0	59.0	55.6	52.8	50.5	48.8	46.3	44.3	42.1	40.4
17.5°	78.2	72.3	68.3	64.9	62.1	57.9	54.5	51.7	49.1	46.3	44.3
20°	92.9	87.8	82.4	78.5	72.3	68.6	64.1	60.1	55.6	52.2	48.8
22.5°	114.4	107.9	101.1	95.2	86.7	81.6	75.7	70.6	64.9	59.3	55.6
25°	141.5	131.9	122.8	114.4	106.4	98.8	91.2	83.0	77.1	70.3	64.1
27.5°	170.0	159.3	150.5	139.5	129.3	120.0	110.4	101.6	91.5	82.7	75.4
30°	205.8	191.2	181.0	167.7	157.6	144.6	132.7	121.1	108.7	98.5	88.1
32.5°	242.3	232.4	215.2	203.9	188.6	173.1	160.7	147.4	132.1	118.9	106.2
35°	290.3	273.3	258.9	243.1	226.5	210.4	194.3	175.3	159.8	143.4	127.9
37.5°	332.6	315.4	298.7	278.1	259.2	242.3	222.8	203.0	184.7	165.2	146.5
40°	381.7	360.3	340.5	321.3	297.9	277.8	257.5	232.9	211.8	190.3	168.3
42.5°	435.4	413.7	390.2	368.2	342.5	317.9	292.8	268.2	244.5	218.5	192.9
45°	494.1	471.3	445.0	419.9	391.9	364.8	334.9	306.6	278.7	249.6	220.0
47.5°	567.0	537.6	513.3	482.0	447.3	418.7	382.0	349.8	317.9	284.1	250.7
50°	661.3	628.0	593.0	558.2	519.8	483.7	443.0	404.9	362.3	324.4	286.3
52.5°	786.4	761.5	720.9	681.0	634.2	588.2	532.2	482.8	428.1	379.8	333.2
55°	964.0	947.6	912.3	868.8	827.9	760.7	696.3	619.5	548.3	478.9	413.4
57.5°	1285.6	1267.8	1228.5	1218.1	1155.1	1105.7	1030.3	930.9	810.4	704.2	598.3
60°	1748.6	1713.9	1675.5	1668.5	1594.5	1542.5	1467.7	1361.8	1248.3	1078.9	934.6
62.5°	2007.3	1996.8	1965.8	1927.7	1863.6	1786.5	1702.3	1599.8	1484.6	1336.1	1164.4
64°	2042.0	2032.4	2005.6	1962.7	1898.3	1821.8	1728.6	1626.4	1510.9	1375.4	1218.7
65°	2020.3	2006.7	1983.9	1944.3	1884.5	1811.0	1717.3	1613.7	1496.5	1366.1	1220.4
67.5°	1844.9	1838.7	1817.8	1781.1	1743.6	1677.5	1595.0	1502.4	1406.7	1277.4	1158.0
70°	1566.5	1562.0	1535.5	1520.8	1458.7	1416.9	1350.2	1277.4	1192.7	1102.6	1001.0
72.5°	1161.3	1146.1	1124.6	1102.3	1060.3	1002.9	951.0	873.3	829.6	753.6	696.3
75°	615.8	606.2	572.9	526.3	474.4	447.5	393.6	345.3	306.9	289.7	248.2
77.5°	212.9	194.0	175.3	154.5	122.5	96.6	77.1	61.6	48.6	42.9	35.9
80°	106.2	100.8	94.9	83.0	69.7	56.2	44.0	34.7	28.5	24.3	21.7
82.5°	86.1	76.2	68.0	59.6	47.7	39.2	31.1	25.4	20.9	18.4	16.1
85°	50.8	39.0	29.6	26.8	20.9	18.1	15.5	13.3	11.3	10.7	9.9
87.5°	2.0	2.5	2.5	2.0	2.5	2.3	2.3	2.0	2.0	2.0	2.0
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: P154196

CATALOG NUMBER: AVM-F01-LED-E-U-T2-HSS-7050

**CANDELA DISTRIBUTION (continued):**

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
2.5°	31.3	31.1	31.1	30.8	30.5	30.5	30.5	30.2	29.6	28.5	27.7
5°	32.5	32.2	31.9	31.3	31.1	30.8	30.5	30.5	29.1	27.1	25.7
7.5°	33.9	33.3	32.8	32.2	31.9	31.3	30.8	30.5	28.5	26.0	24.6
10°	35.3	34.4	33.6	33.3	32.5	31.9	31.1	30.5	28.2	25.1	23.2
12.5°	37.0	35.9	34.7	33.9	32.8	32.2	31.3	30.5	27.7	24.3	22.0
15°	39.0	37.3	35.9	35.0	33.9	32.5	31.3	30.5	27.1	23.4	20.9
17.5°	41.5	39.5	37.8	36.1	34.4	33.0	31.9	30.8	26.3	22.3	19.5
20°	45.5	42.9	40.1	38.1	35.9	34.2	32.2	30.8	25.7	21.2	18.4
22.5°	50.8	46.9	43.8	40.4	37.6	35.3	33.0	31.3	24.8	20.0	16.9
25°	58.4	53.4	48.3	44.0	40.4	37.3	34.4	32.2	24.3	19.2	16.1
27.5°	66.9	61.0	54.2	49.1	44.0	39.5	36.4	33.6	24.3	18.6	15.2
30°	78.8	70.3	62.1	55.6	48.8	43.8	39.2	35.6	24.3	18.4	14.4
32.5°	93.2	83.6	73.1	63.8	55.9	48.6	42.9	38.1	24.8	17.8	13.8
35°	113.2	99.1	86.7	75.1	64.7	56.2	48.8	42.4	25.7	17.5	13.0
37.5°	129.0	112.1	96.3	83.0	70.9	60.4	51.1	44.0	24.8	16.4	12.1
40°	148.0	128.8	109.6	92.9	79.1	65.5	54.8	46.3	24.3	15.0	11.0
42.5°	170.8	146.8	124.5	105.6	88.4	72.3	59.6	49.1	24.3	14.1	10.2
45°	192.3	166.0	141.2	117.5	97.4	79.6	64.1	52.2	24.0	13.3	9.0
47.5°	218.8	187.8	158.7	131.3	108.1	86.4	68.9	55.1	23.7	12.4	8.2
50°	250.2	212.3	179.6	146.8	118.6	94.6	74.5	58.2	23.2	11.6	7.3
52.5°	284.9	244.2	202.5	164.6	131.6	103.3	79.9	61.0	22.3	10.7	6.5
55°	346.5	290.5	241.1	194.3	151.3	116.3	87.8	65.2	21.5	9.9	5.6
57.5°	494.1	401.5	331.5	260.9	199.3	149.4	109.3	77.4	20.3	8.8	4.5
60°	775.9	623.2	504.3	395.6	301.6	229.3	160.9	114.4	21.7	7.3	4.0
62.5°	995.3	819.7	668.3	532.0	413.1	314.0	234.4	170.8	31.3	6.5	3.1
64°	1052.6	874.7	713.2	570.4	446.7	344.5	261.5	193.1	40.4	6.5	2.8
65°	1061.1	891.7	729.3	584.5	458.3	352.7	269.4	200.5	44.0	6.8	2.5
67.5°	1026.1	881.8	734.1	590.4	467.0	364.0	280.1	212.1	49.7	6.5	2.0
70°	896.2	790.0	668.6	552.3	440.5	345.9	269.4	205.6	52.0	6.2	1.7
72.5°	609.9	536.8	465.0	382.6	306.6	252.7	196.5	144.8	36.4	5.1	1.4
75°	203.3	198.2	177.3	134.4	112.9	91.8	73.4	56.5	13.8	3.1	1.4
77.5°	33.9	29.1	25.4	24.3	20.3	19.8	17.2	13.8	5.9	2.0	1.4
80°	19.8	18.1	15.8	14.1	12.4	11.0	9.3	7.9	3.7	1.4	1.7
82.5°	14.7	13.0	11.6	10.2	8.8	7.6	6.5	5.4	2.0	1.4	1.7
85°	8.5	7.3	6.5	5.6	4.5	4.0	3.4	2.8	1.4	1.4	1.4
87.5°	1.7	1.7	1.4	1.4	1.4	1.4	1.4	1.1	1.4	1.4	1.1
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: P154196

CATALOG NUMBER: AVM-F01-LED-E-U-T2-HSS-7050

**CANDELA DISTRIBUTION (continued):**

	125°	135°	145°	155°	165°	175°	180°
0°	30.2	30.2	30.2	30.2	30.2	30.2	30.2
2.5°	27.1	26.3	26.0	26.0	26.0	26.0	26.0
5°	24.8	24.0	23.4	23.2	23.2	23.2	23.2
7.5°	23.2	22.0	21.5	20.9	20.9	20.6	20.6
10°	21.5	20.3	19.5	18.9	18.6	18.6	18.6
12.5°	20.0	18.9	17.8	17.2	17.2	16.9	16.9
15°	18.9	17.2	16.4	15.8	15.8	15.5	15.5
17.5°	17.5	16.1	15.2	14.7	14.4	14.4	14.4
20°	16.1	14.7	13.8	13.6	13.3	13.3	13.0
22.5°	15.0	13.6	12.7	12.4	12.1	12.1	11.9
25°	13.8	12.4	11.6	11.3	11.0	10.7	10.7
27.5°	13.0	11.6	10.7	10.2	9.9	9.6	9.6
30°	12.1	10.4	9.6	9.0	8.8	8.5	8.5
32.5°	11.3	9.6	8.5	7.9	7.6	7.3	7.3
35°	10.2	8.5	7.3	7.1	6.8	6.5	6.2
37.5°	9.3	7.3	6.5	5.9	5.6	5.4	5.4
40°	8.2	6.5	5.6	5.1	4.5	4.2	4.2
42.5°	7.3	5.6	4.8	4.0	3.7	3.4	3.4
45°	6.5	5.1	4.0	3.1	2.8	2.5	2.5
47.5°	5.6	4.2	3.1	2.5	2.3	2.0	2.0
50°	4.8	3.4	2.3	1.7	2.0	1.7	1.7
52.5°	4.2	2.5	1.7	1.7	1.7	1.7	1.7
55°	3.4	2.0	1.4	1.4	1.7	1.7	1.7
57.5°	2.8	1.4	1.1	1.4	1.4	1.4	1.4
60°	2.0	1.1	1.1	1.4	1.4	1.4	1.4
62.5°	1.7	1.1	1.1	1.1	1.4	1.4	1.4
64°	1.4	1.1	1.1	1.1	1.4	1.4	1.4
65°	1.4	1.1	1.1	1.1	1.4	1.4	1.4
67.5°	1.4	1.1	1.1	1.1	1.4	1.4	1.4
70°	1.1	1.1	1.1	1.1	1.4	1.4	1.4
72.5°	1.1	1.1	1.1	1.1	1.4	1.4	1.4
75°	1.1	1.1	1.1	1.1	1.4	1.4	1.4
77.5°	1.1	1.1	1.1	1.4	1.4	1.4	1.4
80°	1.1	1.1	1.1	1.4	1.4	1.4	1.4
82.5°	1.1	1.1	1.1	1.4	1.4	1.4	1.4
85°	1.1	1.1	1.1	1.4	1.4	1.4	1.4
87.5°	1.1	1.1	1.1	1.4	1.4	1.4	1.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)