

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: P155228

Luminaire Tested: **AVM-E01-LED-E-U-T3-HSS-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P155228
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-E01-LED-E-U-T3-HSS-8030
Description: VISION SITE MEDIUM LED LUMINAIRE
(1) LIGHTBARS WITH AccuLED OPTICS - TYPE 3 AREA W/ HOUSE SIDE SHIELD
Light Source: (21) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1376 lumens
Efficiency: N/A
Efficacy: 55.7 lumens/watt
Luminous Opening: Rectangular (W 0.17' x L: 1' x H: 0')
IES Classification: Type III - Short - Non-Cutoff
BUG Rating: B0 - U0 - G1

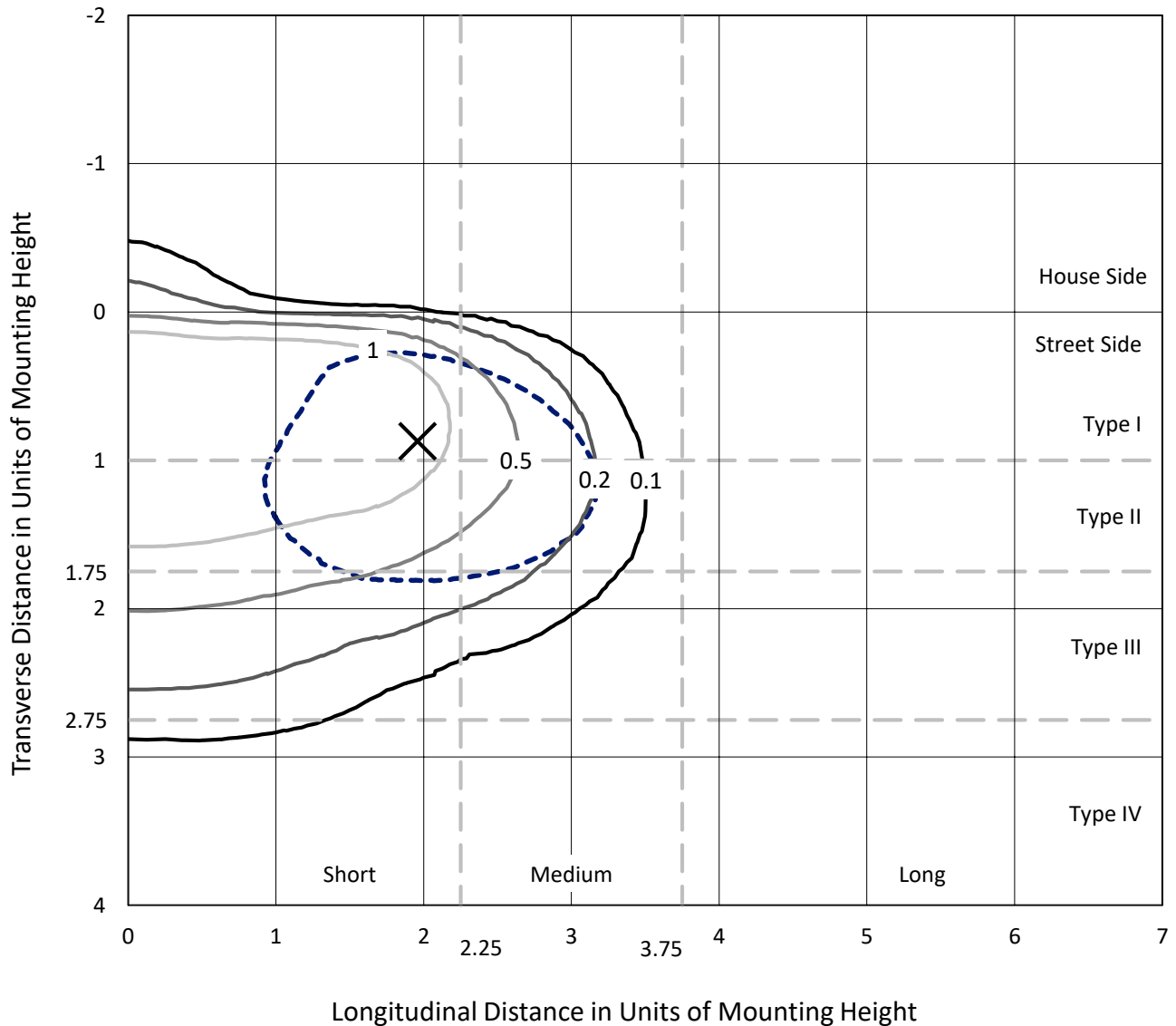
Input Watts (W): 24.7
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P155228
 CATALOG NUMBER: AVM-E01-LED-E-U-T3-HSS-8030

Iso-Footcandle Lines of Horizontal Illumination

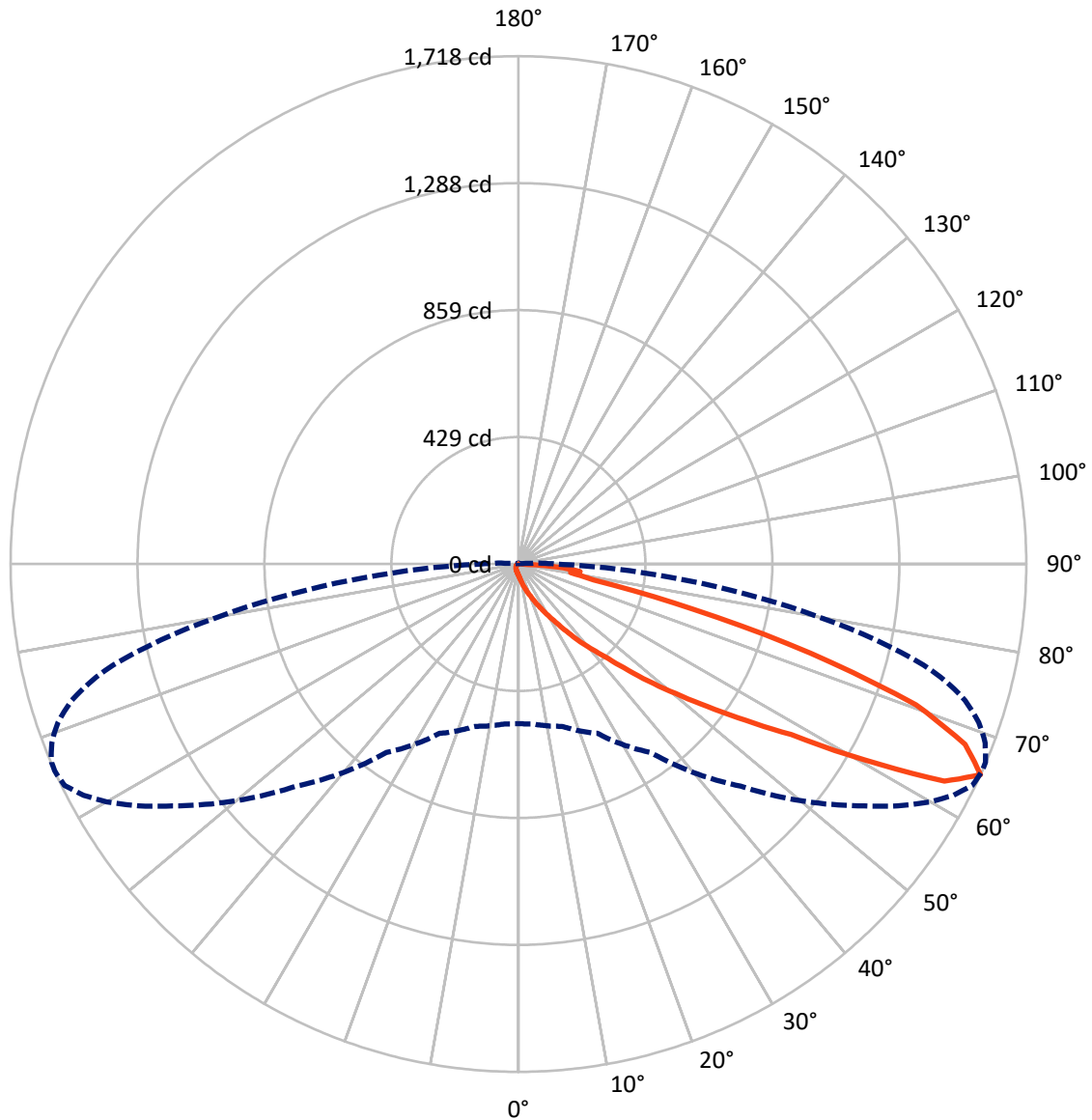
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2 fc
 Type III - Short - Non-Cutoff

REPORT NUMBER: P155228
CATALOG NUMBER: AVM-E01-LED-E-U-T3-HSS-8030

Luminous Intensity Polar Plot



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



REPORT NUMBER: P155228

CATALOG NUMBER: AVM-E01-LED-E-U-T3-HSS-8030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	27.6	0.0	27.6
	% Fixture	2.0	0.0	2.0
Street Side	Lumens	1348.3	0.0	1348.3
	% Fixture	98.0	0.0	98.0
Total	Lumens	1376.0	0.0	1376.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.7	0.3
10°-20°	22.4	1.6
20°-30°	51.1	3.7
30°-40°	97.2	7.1
40°-50°	195.2	14.2
50°-60°	345.3	25.1
60°-70°	451.2	32.8
70°-80°	185.5	13.5
80°-90°	23.4	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°	1376.0	100.0
0°-180°	1376.0	100.0



REPORT NUMBER: P155228

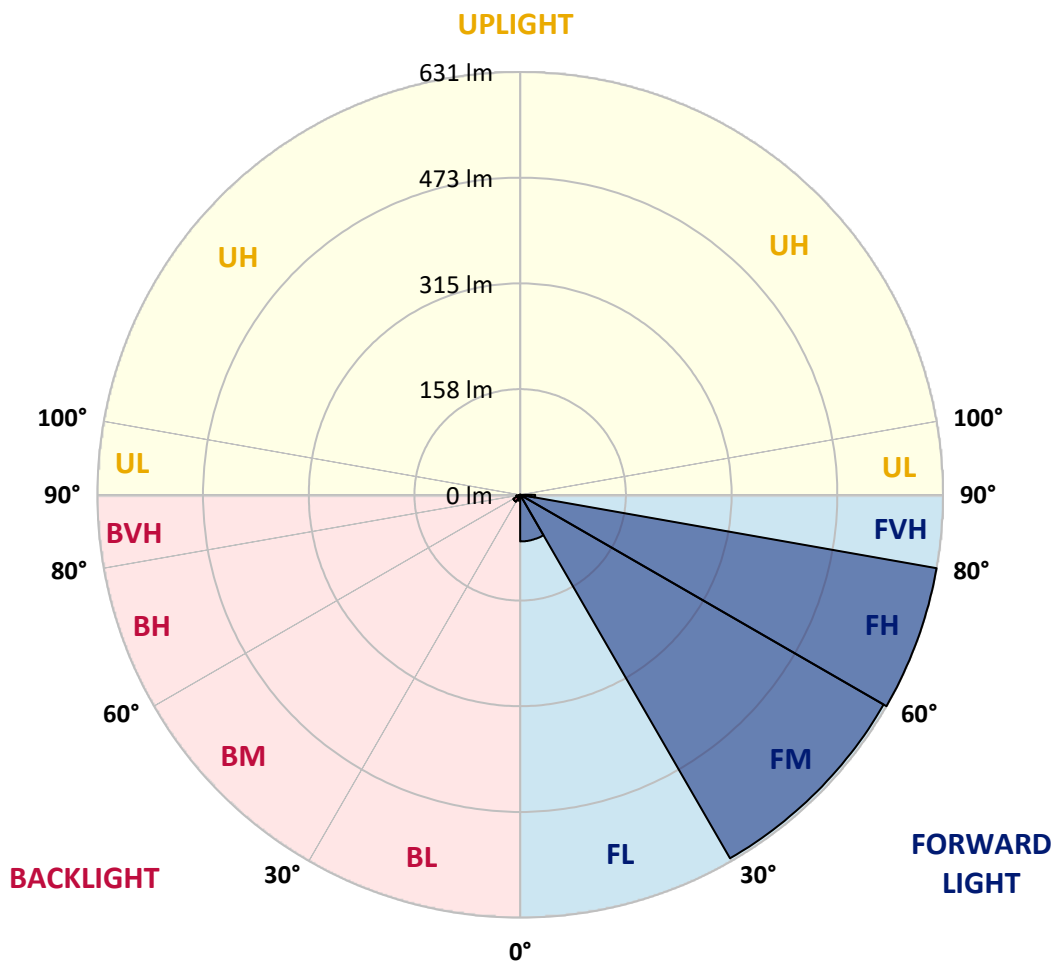
CATALOG NUMBER: AVM-E01-LED-E-U-T3-HSS-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	69.5	5.1			
FM	(30°-60°)	625.9	45.5			
FH	(60°-80°)	630.6	45.8			G0/660
FVH	(80°-90°)	22.3	1.6			G1/100
BL	(0°-30°)	8.6	0.6	B0/110		
BM	(30°-60°)	11.8	0.9	B0/220		
BH	(60°-80°)	6.1	0.4	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G1

Type III Short





REPORT NUMBER: P155228

CATALOG NUMBER: AVM-E01-LED-E-U-T3-HSS-8030

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	57°	58°	59°
0°	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
2.5°	50.6	49.8	50.1	48.4	47.3	45.9	44.7	44.5	44.2	43.6	43.9
5°	72.9	72.0	70.1	66.7	63.6	58.8	54.0	53.7	52.9	52.0	51.5
7.5°	101.3	99.9	97.6	92.0	84.4	76.0	66.4	65.5	64.4	63.3	62.2
10°	134.2	133.4	129.1	122.7	111.1	97.3	81.3	80.5	77.9	76.5	75.4
12.5°	168.8	165.1	163.5	152.2	139.0	120.1	99.6	96.5	94.5	92.6	89.7
15°	195.0	195.5	191.6	182.6	167.1	145.2	119.6	116.2	113.4	109.7	106.3
17.5°	218.6	217.5	213.2	207.6	193.0	170.8	140.9	136.4	131.9	130.0	125.2
20°	237.7	237.2	233.8	228.4	217.2	195.8	163.5	159.8	154.7	151.4	146.0
22.5°	252.9	252.9	250.9	247.9	236.9	219.7	187.4	183.4	178.4	174.1	168.2
25°	265.0	264.7	265.0	263.6	256.3	240.5	211.8	207.3	203.1	198.1	192.4
27.5°	278.8	279.4	278.8	278.0	274.9	262.2	236.6	233.5	228.7	223.4	217.7
30°	300.2	298.5	298.2	297.6	294.0	286.1	262.2	258.5	254.9	251.2	247.3
32.5°	322.7	319.9	319.0	319.0	316.5	309.5	291.7	289.8	284.4	281.6	278.2
35°	348.3	347.2	346.0	346.3	345.2	337.9	323.2	323.8	322.1	316.5	313.1
37.5°	385.7	386.0	384.0	380.4	380.4	373.9	365.4	364.3	360.1	358.7	356.7
40°	439.2	437.7	436.1	430.7	428.7	417.8	409.9	407.1	403.7	403.4	401.2
42.5°	501.0	499.4	499.4	495.4	491.5	478.3	463.4	461.4	457.7	458.8	458.0
45°	558.4	559.8	561.8	564.6	565.2	559.6	537.9	535.4	533.4	532.3	531.4
47.5°	608.0	610.5	617.0	629.1	644.5	646.5	629.3	622.6	621.2	619.2	617.5
50°	643.4	647.1	661.7	685.3	715.4	734.0	724.7	719.1	718.8	713.5	712.9
52.5°	663.7	667.6	691.5	727.2	773.9	810.2	821.8	821.5	820.9	816.1	814.2
55°	668.2	672.4	701.1	749.7	816.4	879.2	923.3	924.5	927.0	925.6	925.6
57.5°	655.8	661.1	692.4	752.6	838.6	933.7	1030.2	1036.7	1039.8	1050.8	1063.4
60°	633.0	636.9	668.2	735.4	842.6	983.5	1169.2	1189.7	1205.8	1227.4	1248.0
62.5°	590.8	598.7	628.5	701.6	830.8	1040.9	1335.2	1373.2	1404.4	1437.3	1477.0
65°	539.6	543.0	568.3	632.1	777.9	1062.9	1426.9	1464.0	1504.0	1539.2	1574.6
67.5°	475.4	478.3	500.2	527.5	642.0	960.2	1336.6	1377.7	1413.7	1442.7	1489.1
70°	311.4	317.6	371.4	398.4	448.7	709.8	1093.0	1132.6	1160.2	1179.9	1233.6
72.5°	228.2	232.1	253.8	309.5	321.8	419.5	769.2	812.2	822.3	859.5	884.5
75°	139.3	149.1	198.1	265.0	313.7	287.2	460.8	481.6	505.0	532.0	555.9
77.5°	28.1	32.1	64.7	182.6	276.0	306.9	275.1	279.1	290.6	293.1	302.1
80°	4.5	4.8	8.4	78.8	159.8	248.1	275.1	271.5	265.0	260.5	256.0
82.5°	2.0	2.3	3.7	20.0	34.0	82.7	238.0	256.6	278.0	289.8	292.9
85°	0.8	0.8	1.4	3.9	5.1	5.6	40.2	53.2	94.8	126.0	145.2
87.5°	0.6	0.6	0.8	0.8	1.1	1.4	2.0	2.0	2.3	2.5	3.7
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: P155228

CATALOG NUMBER: AVM-E01-LED-E-U-T3-HSS-8030

CANDELA DISTRIBUTION (continued):

	60°	61°	62°	64°	65°	66°	67°	68°	69°	70°	71°
0°	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
2.5°	43.9	43.6	43.6	42.8	42.8	42.5	42.5	42.2	42.2	41.6	41.9
5°	51.2	50.6	50.1	49.2	49.0	48.4	47.8	47.0	46.7	46.1	45.9
7.5°	61.0	60.5	59.4	57.7	56.5	55.4	54.3	53.2	52.3	51.5	50.9
10°	73.1	71.5	70.9	67.5	66.1	63.9	62.5	61.3	59.6	58.2	57.4
12.5°	87.8	86.4	83.6	79.1	76.8	74.8	72.3	70.1	68.4	65.8	64.1
15°	103.0	101.8	97.9	92.8	90.0	86.4	83.8	81.6	77.9	76.2	73.1
17.5°	122.1	118.7	114.8	107.5	103.8	100.7	96.2	92.8	90.6	85.5	82.7
20°	141.8	138.1	133.1	124.9	119.8	115.1	111.4	106.9	102.1	98.7	94.0
22.5°	164.3	158.4	154.5	144.3	138.4	133.4	127.2	122.4	117.6	112.3	106.9
25°	188.2	182.3	177.5	166.0	159.8	154.7	147.4	140.7	134.8	128.8	122.7
27.5°	213.2	207.9	202.6	190.7	185.4	178.4	171.6	163.7	156.1	150.8	142.4
30°	242.2	237.7	231.8	219.2	213.2	205.9	198.9	189.6	182.3	175.0	166.8
32.5°	273.5	269.8	263.6	252.4	245.3	239.1	231.5	222.5	212.1	204.5	195.0
35°	311.4	305.2	301.6	290.9	285.6	278.8	270.9	263.0	252.1	241.4	233.2
37.5°	354.8	351.9	347.2	337.0	333.1	326.1	321.0	313.1	304.7	291.2	282.5
40°	399.2	397.2	393.0	382.9	379.0	374.2	368.3	360.7	350.5	343.5	330.6
42.5°	455.8	452.7	449.3	439.7	432.1	426.2	423.7	417.2	406.5	397.5	387.4
45°	527.5	526.1	521.6	512.0	504.4	500.5	496.5	485.6	478.5	469.5	462.5
47.5°	614.1	609.6	607.4	596.7	594.2	591.1	580.9	574.8	564.6	557.6	548.9
50°	707.8	703.0	703.3	690.4	690.9	688.7	681.1	673.8	665.1	658.9	653.5
52.5°	808.5	810.8	805.2	809.1	804.6	799.5	798.1	789.1	781.5	781.3	773.9
55°	932.3	928.7	930.1	934.0	927.8	933.5	930.6	919.1	919.4	921.6	913.2
57.5°	1065.4	1070.7	1082.3	1084.8	1095.5	1088.2	1107.3	1093.5	1102.0	1102.0	1096.3
60°	1260.6	1282.0	1309.9	1331.5	1351.5	1345.0	1370.1	1354.3	1365.6	1356.0	1351.2
62.5°	1495.8	1524.2	1557.2	1592.3	1612.6	1617.6	1614.0	1621.0	1610.1	1603.0	1584.7
65°	1608.9	1637.1	1665.8	1708.0	1713.6	1717.8	1716.1	1704.3	1690.8	1670.8	1646.9
67.5°	1515.0	1554.3	1570.4	1619.1	1635.4	1629.5	1631.4	1616.2	1595.1	1575.4	1540.3
70°	1256.1	1301.2	1309.6	1379.4	1398.8	1426.9	1416.8	1412.3	1389.2	1372.6	1333.8
72.5°	914.6	949.8	947.0	1025.4	1022.1	1033.6	1060.9	1059.8	1035.6	1030.2	997.6
75°	562.9	584.0	582.9	638.6	615.3	611.9	619.5	616.1	593.3	569.7	549.4
77.5°	298.2	307.8	297.6	281.0	279.4	260.5	255.2	254.9	237.4	216.1	200.3
80°	251.2	241.4	229.6	205.4	191.3	178.6	166.8	155.9	144.0	128.3	109.2
82.5°	293.4	288.6	280.2	249.8	235.2	209.9	191.0	173.3	151.6	135.3	110.8
85°	142.9	142.6	149.4	146.3	140.9	139.8	121.3	117.3	108.6	99.6	83.3
87.5°	3.9	2.8	3.4	2.8	3.4	3.7	2.5	5.9	3.7	3.4	3.9
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: P155228

CATALOG NUMBER: AVM-E01-LED-E-U-T3-HSS-8030

CANDELA DISTRIBUTION (continued):

	72°	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°
0°	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
2.5°	41.6	41.4	41.1	41.1	40.8	40.8	40.5	40.2	40.2	39.9	39.9
5°	45.3	44.7	44.5	44.2	43.6	43.3	42.8	42.5	41.9	41.6	41.1
7.5°	49.8	49.2	48.1	47.5	46.7	46.4	45.0	44.5	43.9	43.3	42.5
10°	55.4	54.0	52.9	51.8	50.4	49.2	48.1	47.3	46.1	44.7	44.2
12.5°	62.5	60.5	58.8	56.8	55.1	53.5	51.5	50.1	48.4	47.0	45.6
15°	70.3	67.5	65.3	62.5	59.6	57.7	55.7	53.7	51.5	49.5	47.8
17.5°	79.3	75.7	72.6	69.2	66.1	63.3	59.9	57.4	54.9	52.0	49.8
20°	88.9	85.2	81.0	77.4	72.9	69.8	65.5	62.2	58.5	55.7	52.6
22.5°	101.6	96.8	91.4	86.4	81.6	76.8	72.3	68.1	63.6	59.4	56.3
25°	116.5	110.6	103.8	98.7	92.0	86.6	81.0	75.7	70.9	65.5	60.5
27.5°	135.0	127.2	119.8	112.8	105.5	98.7	91.4	85.2	78.8	72.6	67.0
30°	156.7	149.1	138.1	130.3	122.9	113.7	106.3	98.2	90.9	81.9	75.7
32.5°	185.4	175.6	164.0	153.6	144.0	133.6	123.5	113.1	103.5	95.4	86.1
35°	222.8	211.3	197.5	184.3	173.6	160.9	148.0	136.2	125.2	113.4	101.8
37.5°	270.1	259.4	244.5	228.4	214.1	198.9	185.4	168.8	154.2	139.8	125.2
40°	317.1	307.2	291.7	274.6	256.0	238.6	221.4	202.6	184.0	166.0	150.8
42.5°	375.0	360.4	343.8	324.4	306.4	285.6	264.2	242.5	220.3	198.6	177.0
45°	447.9	436.6	413.3	392.5	371.1	346.6	320.2	295.4	267.0	241.4	212.7
47.5°	536.5	516.2	499.1	479.9	453.2	429.6	395.8	366.6	331.1	297.1	262.8
50°	641.2	629.9	607.1	583.2	554.2	526.1	493.2	451.0	408.5	372.2	325.2
52.5°	763.5	747.5	733.1	708.4	678.9	642.8	605.4	559.6	507.5	456.3	406.2
55°	908.7	897.4	883.7	864.0	826.3	785.5	740.5	685.6	624.0	555.1	496.8
57.5°	1096.1	1084.2	1071.0	1030.5	1004.9	954.8	889.6	832.7	766.3	678.0	605.7
60°	1351.8	1335.8	1317.2	1284.3	1230.8	1165.8	1095.8	1011.7	930.4	833.9	739.1
62.5°	1570.4	1544.8	1505.1	1462.6	1398.5	1323.9	1235.9	1136.9	1044.3	935.7	830.2
65°	1615.4	1580.2	1533.5	1478.1	1412.0	1327.9	1235.9	1141.1	1032.2	930.1	824.0
67.5°	1498.4	1457.6	1409.7	1347.9	1284.8	1198.2	1118.9	1022.4	920.0	831.6	736.8
70°	1305.9	1245.4	1196.5	1130.7	1066.8	998.7	915.2	842.9	759.6	678.3	605.7
72.5°	980.7	921.1	876.6	824.0	786.0	714.0	652.7	598.7	549.4	488.7	434.9
75°	528.6	483.9	454.1	430.2	396.1	348.6	319.3	282.2	261.4	236.0	211.6
77.5°	172.5	151.9	129.7	108.0	92.8	69.8	67.5	53.7	50.6	49.2	38.0
80°	88.3	68.1	49.2	35.4	27.0	23.9	22.8	21.7	20.5	19.7	18.3
82.5°	88.6	64.1	44.2	30.7	22.2	18.6	17.4	16.9	16.0	15.2	14.1
85°	64.7	47.8	32.9	22.5	15.5	12.4	11.8	11.0	10.4	10.1	9.0
87.5°	4.2	3.1	2.8	2.5	2.5	2.5	2.8	2.5	2.8	2.8	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: P155228

CATALOG NUMBER: AVM-E01-LED-E-U-T3-HSS-8030

CANDELA DISTRIBUTION (continued):

	83°	84°	85°	86°	87°	88°	89°	90°	95°	105°	115°
0°	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
2.5°	39.7	39.4	39.4	39.1	38.8	38.8	38.5	38.5	37.7	36.3	35.2
5°	40.8	40.2	39.9	39.7	39.4	38.8	38.5	38.3	36.9	34.0	31.8
7.5°	41.6	41.1	40.8	40.2	39.4	39.1	38.5	38.0	35.7	31.8	29.3
10°	43.0	42.2	41.4	40.5	39.7	39.1	38.3	37.7	34.3	29.8	27.3
12.5°	44.5	43.3	42.2	40.8	39.9	39.1	38.3	37.1	33.2	28.1	25.3
15°	46.1	44.5	43.0	41.6	40.2	39.1	37.7	36.9	32.1	26.7	24.2
17.5°	47.8	45.9	43.9	41.9	40.5	38.8	37.7	36.3	30.9	25.6	22.8
20°	49.8	47.0	45.0	42.8	40.8	38.8	37.1	35.7	29.8	24.2	21.4
22.5°	52.6	49.2	46.1	43.6	41.1	39.1	37.1	35.2	28.7	23.1	20.3
25°	56.3	52.0	48.4	45.3	42.2	39.7	37.4	35.4	27.9	22.2	18.8
27.5°	61.6	56.3	52.3	48.1	44.2	41.1	38.3	36.0	27.3	21.4	18.0
30°	68.1	62.7	56.5	51.5	47.3	43.0	39.9	36.6	26.7	20.5	16.9
32.5°	77.6	70.1	62.7	56.5	50.6	45.9	41.4	38.0	26.4	19.1	15.8
35°	91.4	81.0	72.3	64.1	56.0	50.1	44.7	40.2	26.2	18.0	14.6
37.5°	111.1	98.7	87.5	76.0	65.8	57.4	50.1	44.2	26.2	17.2	13.5
40°	132.2	116.2	101.8	87.5	74.6	63.9	54.0	46.7	25.6	16.0	12.4
42.5°	156.1	136.4	116.8	99.0	83.0	69.2	57.7	48.7	24.2	14.9	11.3
45°	188.2	162.3	138.7	115.9	95.1	77.1	62.5	50.9	22.8	14.1	10.1
47.5°	228.4	198.3	167.7	139.0	111.7	88.9	69.5	54.6	21.9	12.9	9.3
50°	288.4	245.6	205.1	168.5	133.9	104.1	79.9	59.9	21.1	12.1	8.4
52.5°	354.2	301.6	254.0	207.1	164.0	124.6	92.0	67.0	20.3	11.3	7.6
55°	434.4	369.7	311.7	250.7	195.5	148.5	106.9	74.8	19.1	10.4	7.0
57.5°	533.4	451.5	382.9	308.3	239.1	179.5	126.9	88.1	18.0	9.3	6.2
60°	644.0	551.4	465.0	377.5	293.7	220.6	156.4	106.9	16.9	8.2	5.3
62.5°	723.6	622.0	523.3	425.1	333.1	251.2	180.3	121.5	15.2	7.0	4.8
65°	722.7	619.8	520.5	423.7	334.2	252.4	181.2	124.3	13.5	6.2	4.2
67.5°	644.0	557.3	468.7	381.8	303.6	229.6	167.7	115.3	11.5	5.6	3.7
70°	529.7	460.8	390.8	321.8	259.1	196.6	144.9	100.4	9.8	5.1	3.1
72.5°	386.8	336.5	293.7	245.0	202.3	155.3	115.6	78.8	7.9	4.2	2.8
75°	192.1	171.9	147.4	132.2	112.8	92.3	71.7	45.9	6.5	3.4	2.5
77.5°	36.6	32.6	31.2	27.0	24.8	21.9	19.4	13.8	5.1	2.5	2.3
80°	16.9	15.5	14.1	12.7	11.3	9.6	8.4	7.3	3.9	2.0	2.5
82.5°	13.2	12.1	10.7	9.6	8.4	7.3	6.2	5.3	2.5	1.7	2.5
85°	8.7	7.6	6.8	5.9	5.1	4.5	3.9	3.4	1.7	1.7	1.7
87.5°	2.5	2.5	2.3	2.3	2.0	2.0	1.7	1.7	1.4	1.4	1.4
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: P155228

CATALOG NUMBER: AVM-E01-LED-E-U-T3-HSS-8030

CANDELA DISTRIBUTION (continued):

	125°	135°	145°	155°	165°	175°	180°
0°	38.3	38.3	38.3	38.3	38.3	38.3	38.3
2.5°	34.0	32.6	32.1	31.8	31.8	32.1	31.8
5°	30.1	28.7	28.1	27.6	27.6	27.6	27.9
7.5°	27.6	26.2	25.3	25.0	24.8	25.0	25.0
10°	25.3	24.2	23.1	22.5	22.5	22.5	22.5
12.5°	23.6	22.2	21.1	20.8	20.5	20.5	20.5
15°	22.2	20.5	19.7	19.1	18.8	18.8	19.1
17.5°	20.5	19.1	18.0	17.7	17.7	17.7	17.7
20°	19.4	17.7	16.9	16.3	16.3	16.3	16.3
22.5°	18.0	16.6	15.5	14.9	14.9	14.9	14.9
25°	16.9	15.5	14.3	13.8	13.8	13.8	13.8
27.5°	15.8	14.3	13.2	12.7	12.7	12.7	12.7
30°	14.6	13.2	12.1	11.5	11.5	11.5	11.5
32.5°	13.8	12.1	11.0	10.4	10.4	10.7	10.4
35°	12.4	11.0	9.8	9.3	9.3	9.3	9.3
37.5°	11.3	9.8	8.7	8.2	8.2	8.2	7.9
40°	10.4	8.7	7.6	7.0	6.8	6.8	6.8
42.5°	9.0	7.3	6.5	5.9	5.6	5.6	5.6
45°	8.2	6.5	5.3	4.8	4.8	4.8	4.8
47.5°	7.3	5.6	4.5	3.9	3.9	4.2	4.2
50°	6.5	4.8	3.7	3.7	3.7	3.9	3.9
52.5°	5.6	4.2	3.4	3.4	3.7	3.9	3.9
55°	5.1	3.7	3.1	3.4	3.7	3.9	3.9
57.5°	4.5	3.1	3.1	3.4	3.7	3.9	3.9
60°	3.9	2.8	2.8	3.1	3.7	3.9	3.9
62.5°	3.4	2.8	2.8	3.1	3.7	3.9	3.9
65°	3.1	2.8	2.8	3.1	3.7	3.9	3.9
67.5°	2.8	2.5	2.8	3.1	3.4	3.7	3.7
70°	2.5	2.5	2.8	3.1	3.4	3.7	3.7
72.5°	2.5	2.5	2.5	2.8	3.1	3.4	3.4
75°	2.5	2.5	2.5	2.8	3.1	3.4	3.4
77.5°	2.5	2.3	2.3	2.5	3.1	3.4	3.4
80°	2.5	2.3	2.3	2.5	2.8	3.4	3.4
82.5°	2.0	2.0	2.3	2.5	2.8	3.1	3.1
85°	1.7	2.0	2.0	2.3	2.5	3.1	3.1
87.5°	1.4	1.4	1.7	2.0	2.3	2.5	2.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)