

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: INVUE

Report Number: P181102

Luminaire Tested: **ICM-F05-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181102
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33681)
Test Lab: INNOVATION CENTER-P3
Issue Date: 03/03/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ICM-F05-LED-E1-SLR-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (35) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9758 lumens
Efficiency: N/A
Efficacy: 73.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.83' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

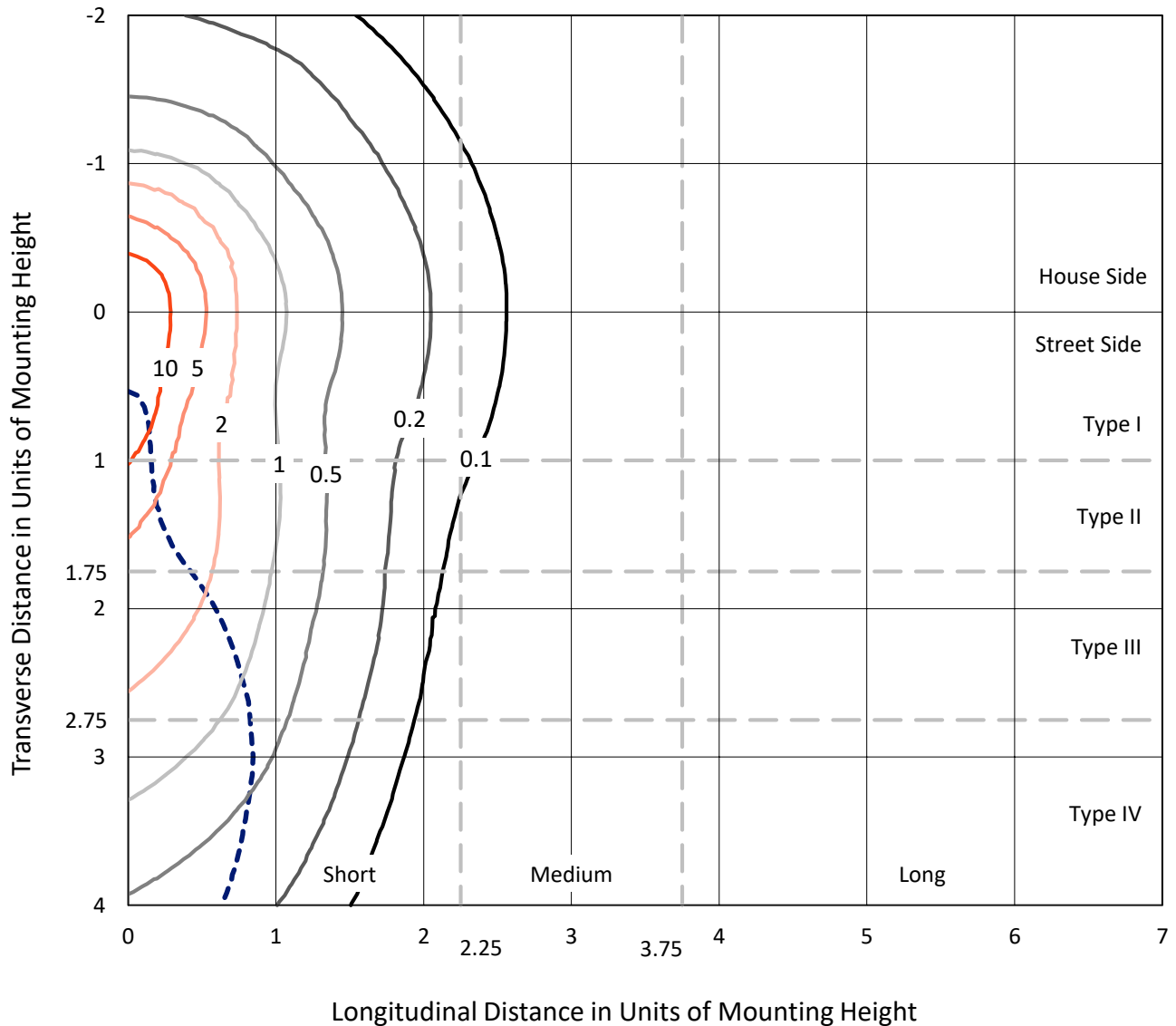
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P181102
 CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

Iso-Footcandle Lines of Horizontal Illumination

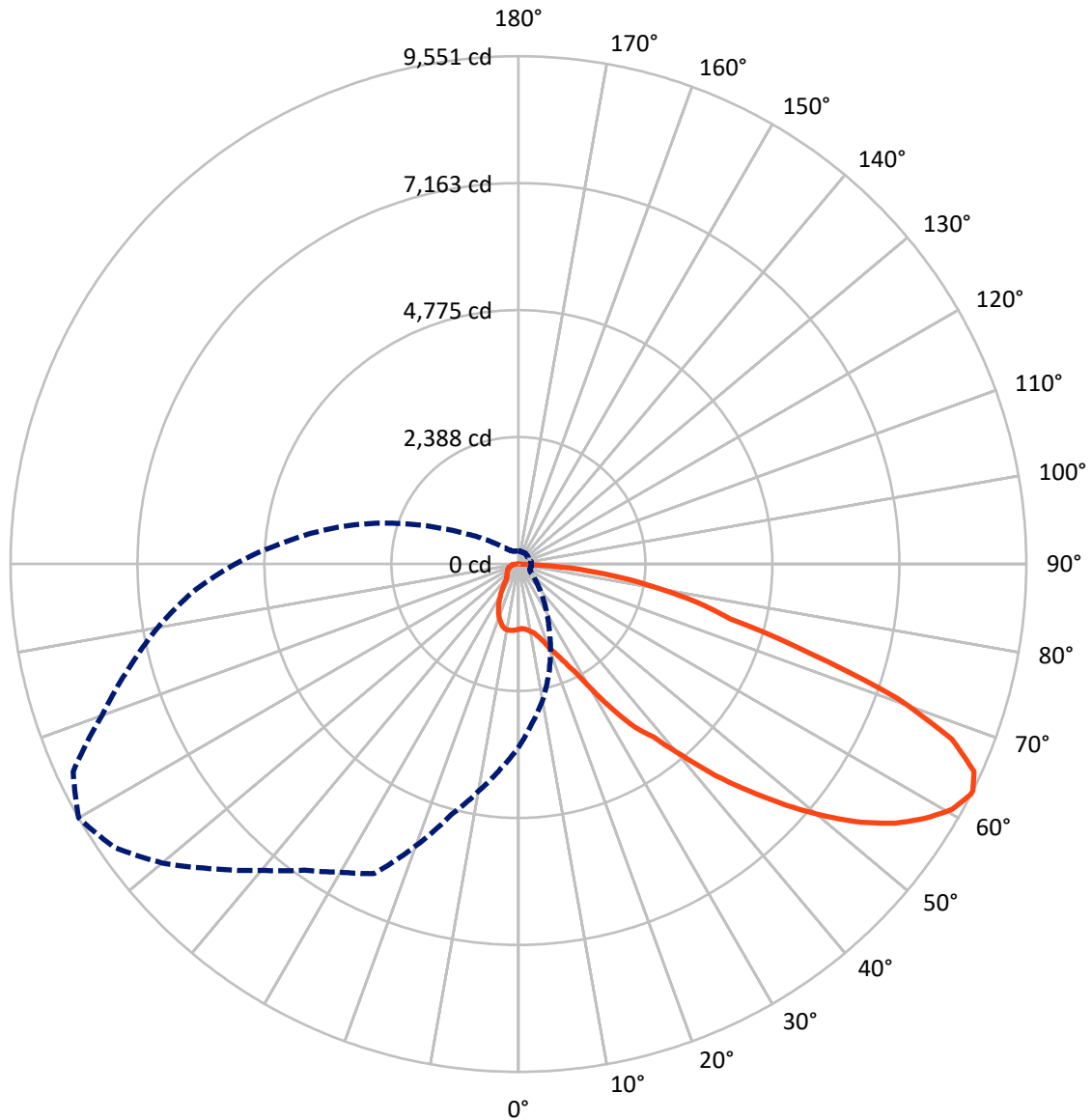
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.4 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181102
CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

Luminous Intensity Polar Plot



— Vertical Plane Through 300-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

REPORT NUMBER: P181102

CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2116.0	0.0	2116.0
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	7642.0	0.0	7642.0
	% Fixture	78.3	0.0	78.3
Total	Lumens	9758.0	0.0	9758.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.4	1.2
10°-20°	371.8	3.8
20°-30°	660.5	6.8
30°-40°	1040.1	10.7
40°-50°	1530.7	15.7
50°-60°	2033.2	20.8
60°-70°	2239.5	23.0
70°-80°	1405.1	14.4
80°-90°	357.9	3.7
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°	9758.0	100.0
0°-180°	9758.0	100.0



REPORT NUMBER: P181102

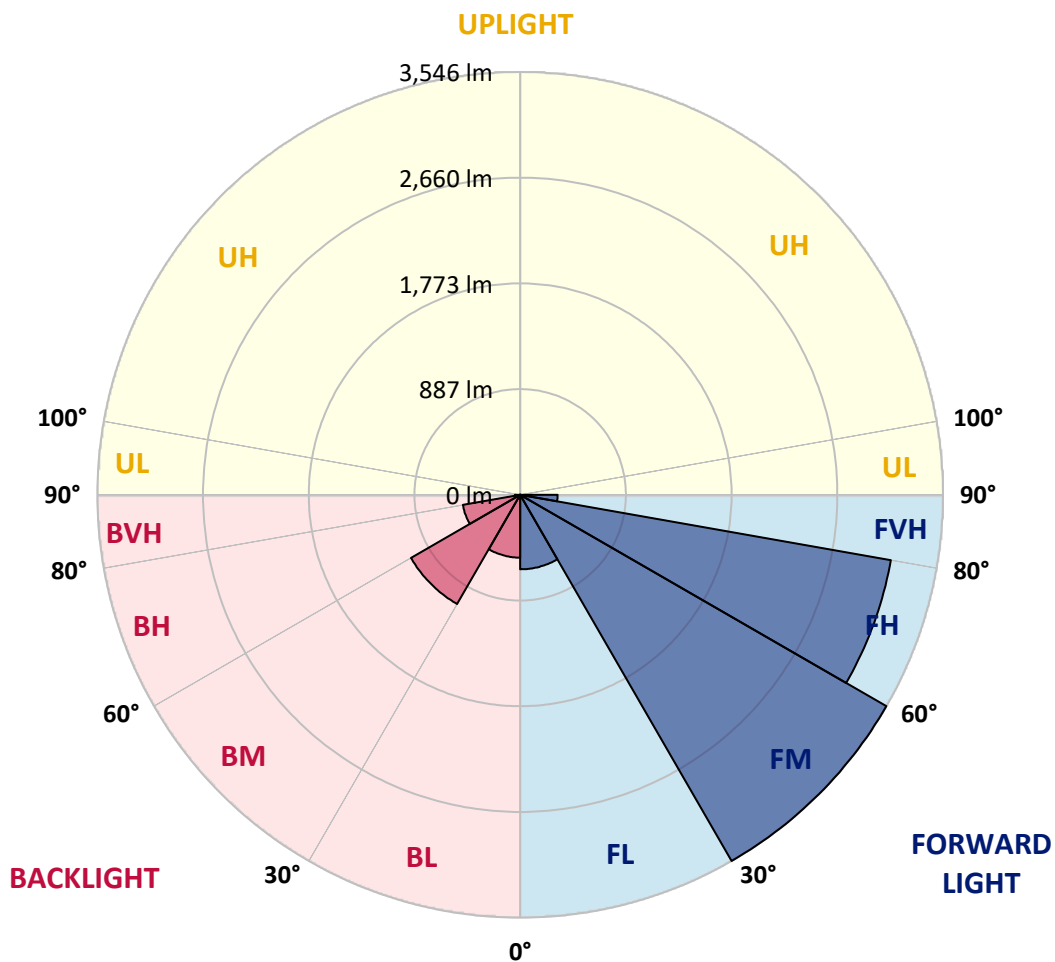
CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	624.8	6.4			
FM	(30°-60°)	3546.3	36.3			
FH	(60°-80°)	3156.9	32.4			G2/5000
FVH	(80°-90°)	314.0	3.2			G3/500
BL	(0°-30°)	526.8	5.4	B2/1000		
BM	(30°-60°)	1057.6	10.8	B2/2500		
BH	(60°-80°)	487.7	5.0	B1/500		G1/500
BVH	(80°-90°)	43.8	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short





REPORT NUMBER: P181102

CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2
2.5°	1209.9	1213.4	1212.3	1212.3	1214.6	1213.4	1213.4	1214.6	1214.6	1218.1	1222.8
5°	1200.6	1199.4	1197.0	1199.4	1199.4	1199.4	1194.7	1198.2	1199.4	1201.7	1201.7
7.5°	1212.3	1208.8	1204.1	1205.2	1205.2	1202.9	1199.4	1200.6	1199.4	1199.4	1198.2
10°	1227.4	1219.3	1213.4	1213.4	1213.4	1211.1	1205.2	1208.8	1208.8	1207.5	1208.8
12.5°	1254.3	1244.9	1238.0	1235.6	1235.6	1232.1	1227.4	1232.1	1229.8	1229.8	1227.4
15°	1298.7	1288.2	1280.0	1273.0	1274.2	1274.2	1268.4	1264.8	1260.2	1254.3	1242.6
17.5°	1365.4	1353.7	1343.2	1337.3	1338.5	1330.3	1314.0	1297.6	1275.4	1253.1	1228.6
20°	1460.1	1456.6	1442.5	1436.7	1422.7	1402.8	1357.2	1318.6	1275.4	1233.3	1191.2
22.5°	1623.7	1607.4	1593.3	1571.1	1524.4	1469.4	1393.4	1325.6	1257.9	1198.2	1142.1
25°	1843.5	1814.2	1745.3	1677.5	1581.7	1483.5	1380.6	1292.9	1208.8	1130.4	1061.4
27.5°	2059.7	1970.9	1848.2	1725.4	1585.1	1456.6	1328.0	1223.9	1125.8	1040.4	964.4
30°	2321.6	2172.0	1983.7	1789.7	1591.0	1418.0	1263.6	1142.1	1028.8	938.7	859.2
32.5°	2567.1	2350.8	2104.2	1849.3	1603.8	1381.8	1190.1	1052.1	935.2	821.8	743.4
35°	2735.5	2454.9	2155.6	1855.2	1572.3	1312.8	1097.7	935.2	818.3	713.1	620.7
37.5°	2835.9	2500.5	2158.0	1813.1	1498.6	1219.3	980.8	819.4	711.9	611.4	538.9
40°	2899.1	2511.0	2127.5	1752.3	1405.1	1101.2	863.9	718.9	620.7	540.1	484.0
42.5°	2929.5	2494.6	2078.4	1675.2	1310.4	996.0	782.1	645.3	559.9	502.7	460.6
45°	2934.2	2465.4	2025.9	1605.0	1226.2	920.0	726.0	614.9	544.7	496.8	454.7
47.5°	2934.2	2439.6	1983.7	1553.6	1171.4	887.3	721.3	627.7	558.8	505.0	454.7
50°	2936.5	2431.5	1966.2	1527.8	1152.7	904.8	761.0	667.5	589.2	519.1	453.6
52.5°	2947.0	2442.1	1980.3	1547.7	1186.5	975.0	835.8	727.1	628.9	535.4	453.6
55°	2970.4	2477.1	2039.9	1616.8	1277.7	1081.3	925.9	791.4	660.5	542.4	446.5
57.5°	3035.8	2566.0	2148.6	1750.0	1433.2	1204.1	1007.6	837.0	672.2	536.6	432.6
60°	3166.8	2742.4	2334.4	1937.0	1598.0	1309.3	1055.6	844.0	661.7	517.9	410.3
62.5°	3376.0	2944.7	2560.1	2140.4	1744.1	1367.7	1061.4	826.5	633.6	484.0	377.6
63°	3448.5	2995.0	2608.0	2179.0	1762.8	1372.4	1056.8	819.4	626.6	474.6	372.9
65°	3650.7	3206.5	2774.0	2314.6	1815.5	1373.6	1031.1	784.4	593.9	438.3	340.2
67.5°	4028.3	3484.8	2983.3	2420.9	1834.2	1336.2	965.6	718.9	524.8	382.2	299.3
70°	4266.8	3640.2	3063.9	2423.3	1779.2	1229.8	852.2	612.6	437.2	316.8	257.2
72.5°	4204.9	3487.1	2851.2	2204.8	1541.9	1027.5	685.0	481.6	341.3	253.7	214.0
75°	3601.7	2902.6	2326.2	1707.9	1165.5	755.2	501.5	343.7	252.5	198.7	178.9
77.5°	2592.9	2088.9	1668.1	1216.9	785.6	488.7	333.1	245.5	191.7	163.6	147.3
80°	1651.8	1225.1	1020.6	731.8	459.4	302.8	229.1	185.9	157.8	136.7	126.2
82.5°	862.7	604.4	491.0	374.0	254.9	199.9	168.4	152.0	129.8	113.4	107.5
85°	537.8	356.6	264.2	184.7	127.4	114.6	105.2	102.9	92.4	81.9	78.3
87.5°	60.7	55.0	57.3	36.3	26.9	29.2	28.1	37.4	36.3	26.9	28.1
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: P181102

CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2
2.5°	1218.1	1220.4	1220.4	1223.9	1223.9	1226.2	1228.6	1228.6	1231.0	1232.1	1234.4
5°	1204.1	1204.1	1204.1	1208.8	1209.9	1216.9	1219.3	1221.6	1223.9	1232.1	1236.8
7.5°	1200.6	1195.9	1198.2	1198.2	1201.7	1207.5	1213.4	1216.9	1220.4	1231.0	1238.0
10°	1207.5	1204.1	1200.6	1200.6	1201.7	1204.1	1208.8	1212.3	1214.6	1225.1	1231.0
12.5°	1226.2	1218.1	1211.1	1205.2	1200.6	1199.4	1197.0	1198.2	1200.6	1206.4	1214.6
15°	1229.8	1214.6	1199.4	1184.2	1172.5	1165.5	1159.6	1157.3	1157.3	1160.8	1170.1
17.5°	1206.4	1180.7	1158.4	1138.6	1125.8	1112.8	1107.1	1102.3	1100.0	1104.7	1105.9
20°	1156.1	1125.8	1095.4	1072.0	1048.6	1045.1	1035.7	1038.1	1040.4	1047.4	1050.9
22.5°	1087.2	1050.9	1013.5	988.9	970.2	953.9	943.4	948.0	951.5	958.6	962.1
25°	1003.0	950.4	910.6	886.1	866.2	852.2	840.5	845.2	840.5	848.7	861.6
27.5°	903.6	841.7	799.6	771.5	757.5	745.8	734.1	734.1	745.8	745.8	756.4
30°	783.3	737.6	682.7	653.5	635.9	628.9	627.7	625.4	633.6	638.2	650.0
32.5°	669.9	613.7	561.1	533.0	517.9	509.7	510.9	512.0	515.5	522.5	541.2
35°	555.3	506.1	468.7	437.2	422.0	406.8	406.8	404.5	408.0	416.2	438.3
37.5°	481.6	438.3	409.1	384.6	369.4	360.0	351.9	348.4	348.4	351.9	360.0
40°	440.7	409.1	382.2	361.2	347.2	339.0	334.3	330.8	328.5	328.5	329.7
42.5°	422.0	389.3	362.4	343.7	333.1	328.5	327.4	326.1	322.6	321.5	320.3
45°	412.7	375.3	344.8	329.7	321.5	319.2	320.3	320.3	319.2	316.8	312.1
47.5°	405.7	362.4	332.0	318.0	314.4	314.4	314.4	314.4	313.3	312.1	308.7
50°	394.0	342.5	309.8	299.3	296.9	296.9	298.0	298.0	300.5	298.0	295.7
52.5°	381.1	323.8	291.1	281.8	280.6	279.4	279.4	279.4	280.6	280.6	279.4
55°	367.1	309.8	281.8	274.7	275.9	274.7	273.6	272.4	272.4	271.2	268.8
57.5°	353.0	298.0	274.7	270.0	271.2	271.2	268.8	266.5	265.4	261.9	259.5
60°	332.0	281.8	260.7	258.3	261.9	261.9	261.9	260.7	260.7	259.5	253.7
62.5°	303.9	258.3	242.0	243.2	244.3	246.7	246.7	246.7	246.7	244.3	238.5
63°	298.0	253.7	238.5	238.5	242.0	242.0	243.2	242.0	243.2	240.8	233.8
65°	274.7	238.5	226.8	227.9	230.3	230.3	230.3	229.1	229.1	225.6	222.1
67.5°	247.8	219.8	212.7	214.0	215.1	217.4	216.3	216.3	217.4	215.1	211.6
70°	217.4	199.9	195.3	196.4	197.6	197.6	196.4	196.4	197.6	195.3	191.7
72.5°	194.0	187.1	183.5	183.5	181.2	181.2	178.9	177.7	176.6	176.6	173.0
75°	163.6	162.5	163.6	166.0	163.6	161.3	160.2	156.7	154.3	154.3	153.1
77.5°	140.3	140.3	142.6	146.1	147.3	147.3	143.8	138.0	136.7	136.7	136.7
80°	121.6	119.3	119.3	122.7	126.2	125.1	119.3	113.4	113.4	119.3	120.4
82.5°	106.4	106.4	102.9	104.0	102.9	101.7	95.8	92.4	91.2	95.8	100.6
85°	84.2	85.3	84.2	83.0	81.9	78.3	73.7	70.1	68.9	73.7	80.7
87.5°	33.9	32.7	31.5	32.7	31.5	33.9	32.7	30.4	29.2	32.7	39.7
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: P181102

CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2
2.5°	1235.6	1238.0	1240.3	1240.3	1242.6	1241.5	1242.6	1243.8	1243.8	1244.9	1244.9
5°	1242.6	1246.1	1250.8	1255.4	1256.7	1260.2	1263.6	1261.3	1264.8	1269.5	1269.5
7.5°	1244.9	1253.1	1256.7	1263.6	1264.8	1269.5	1277.7	1271.8	1278.9	1282.4	1283.5
10°	1241.5	1249.7	1255.4	1263.6	1267.2	1275.4	1283.5	1281.2	1289.4	1295.3	1296.4
12.5°	1220.4	1228.6	1241.5	1253.1	1262.5	1275.4	1290.5	1285.9	1297.6	1304.6	1308.1
15°	1179.5	1187.7	1201.7	1220.4	1238.0	1257.9	1277.7	1281.2	1292.9	1301.1	1304.6
17.5°	1115.2	1125.8	1140.9	1160.8	1183.0	1216.9	1242.6	1255.4	1271.8	1276.6	1282.4
20°	1055.6	1066.1	1075.4	1087.2	1103.5	1136.3	1170.1	1195.9	1216.9	1234.4	1239.2
22.5°	976.1	985.5	997.1	1006.5	1018.1	1041.6	1069.6	1098.9	1131.5	1142.1	1153.8
25°	880.3	886.1	902.4	908.3	916.5	936.4	958.6	979.6	1011.2	1033.4	1039.3
27.5°	777.4	783.3	798.4	802.0	812.5	831.2	847.5	855.7	884.9	908.3	927.0
30°	658.1	673.3	692.0	694.4	706.1	717.8	732.9	741.1	768.0	792.6	815.9
32.5°	555.3	570.4	585.7	595.0	600.8	610.2	625.4	633.6	659.4	681.5	704.9
35°	450.0	468.7	485.1	498.0	502.7	514.3	526.0	534.2	561.1	581.0	597.4
37.5°	370.6	384.6	402.1	415.0	427.8	436.0	450.0	461.8	478.1	488.7	506.1
40°	332.0	339.0	348.4	358.9	369.4	378.8	389.3	398.6	409.1	423.2	434.9
42.5°	319.2	320.3	320.3	323.8	329.7	334.3	343.7	350.7	357.7	368.2	374.0
45°	309.8	308.7	306.2	303.9	305.1	307.4	313.3	318.0	326.1	330.8	332.0
47.5°	305.1	300.5	295.7	292.3	291.1	292.3	296.9	301.6	306.2	309.8	311.0
50°	290.0	286.4	279.4	274.7	272.4	274.7	280.6	282.9	287.5	291.1	292.3
52.5°	274.7	270.0	265.4	260.7	260.7	261.9	266.5	271.2	275.9	277.0	279.4
55°	265.4	258.3	253.7	250.1	247.8	251.4	254.9	260.7	266.5	267.7	270.0
57.5°	256.0	249.0	244.3	240.8	238.5	242.0	245.5	253.7	260.7	260.7	260.7
60°	250.1	244.3	237.3	233.8	230.3	233.8	238.5	246.7	253.7	252.5	251.4
62.5°	233.8	227.9	224.5	224.5	220.9	226.8	231.4	240.8	242.0	239.6	237.3
63°	229.1	224.5	222.1	222.1	219.8	225.6	230.3	238.5	238.5	236.1	233.8
65°	217.4	214.0	211.6	214.0	214.0	219.8	220.9	226.8	225.6	222.1	220.9
67.5°	208.1	205.8	203.4	203.4	203.4	204.6	205.8	208.1	206.9	205.8	206.9
70°	192.8	191.7	189.4	189.4	188.2	188.2	188.2	189.4	189.4	190.5	191.7
72.5°	174.1	171.8	171.8	173.0	170.7	171.8	173.0	171.8	174.1	174.1	175.3
75°	153.1	152.0	154.3	156.7	155.4	155.4	156.7	156.7	157.8	157.8	159.0
77.5°	136.7	138.0	139.1	141.5	142.6	142.6	142.6	141.5	142.6	142.6	143.8
80°	121.6	123.9	126.2	128.6	129.8	129.8	129.8	128.6	128.6	128.6	128.6
82.5°	109.9	113.4	115.7	116.9	116.9	116.9	116.9	116.9	116.9	114.6	112.2
85°	92.4	99.3	99.3	100.6	97.0	94.7	92.4	93.5	94.7	90.0	88.8
87.5°	46.8	46.8	49.1	51.4	52.6	52.6	59.6	56.1	55.0	53.8	51.4
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: P181102

CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2
2.5°	1246.1	1244.9	1247.4	1244.9	1246.1	1247.4	1244.9	1248.5	1250.8	1247.4	1243.8
5°	1271.8	1271.8	1277.7	1280.0	1281.2	1288.2	1284.8	1287.1	1289.4	1288.2	1289.4
7.5°	1288.2	1292.9	1298.7	1304.6	1305.8	1311.6	1310.4	1314.0	1316.3	1322.1	1322.1
10°	1302.2	1308.1	1316.3	1322.1	1328.0	1332.7	1335.0	1342.0	1343.2	1347.8	1347.8
12.5°	1315.1	1322.1	1330.3	1339.6	1345.5	1354.9	1356.0	1366.5	1370.1	1371.3	1367.7
15°	1312.8	1320.9	1330.3	1340.8	1351.4	1363.1	1370.1	1380.6	1386.4	1388.8	1382.9
17.5°	1290.5	1297.6	1309.3	1323.3	1336.2	1351.4	1364.2	1379.5	1388.8	1391.1	1390.0
20°	1247.4	1252.0	1267.2	1285.9	1301.1	1324.5	1343.2	1366.5	1381.8	1393.4	1396.9
22.5°	1162.0	1173.7	1188.8	1209.9	1232.1	1261.3	1288.2	1322.1	1354.9	1382.9	1411.0
25°	1059.1	1080.1	1103.5	1131.5	1158.4	1188.8	1219.3	1257.9	1305.8	1364.2	1430.8
27.5°	955.1	991.3	1020.6	1056.8	1088.3	1118.7	1152.7	1194.7	1247.4	1317.5	1402.8
30°	849.9	890.8	922.3	964.4	1006.5	1047.4	1081.3	1125.8	1177.2	1248.5	1342.0
32.5°	737.6	778.5	815.9	854.5	901.3	950.4	991.3	1046.2	1101.2	1174.8	1269.5
35°	621.9	658.1	689.7	730.6	782.1	834.7	888.5	951.5	1011.2	1088.3	1188.8
37.5°	521.4	547.1	577.5	613.7	653.5	709.6	770.3	845.2	912.9	997.1	1100.0
40°	438.3	452.4	470.0	500.3	536.6	591.5	651.2	730.6	812.5	904.8	1004.2
42.5°	374.0	381.1	385.8	405.7	434.9	488.7	546.0	623.1	713.1	813.6	914.1
45°	332.0	335.5	336.7	347.2	368.2	415.0	474.6	540.1	626.6	724.7	830.0
47.5°	312.1	315.6	318.0	320.3	333.1	369.4	423.2	485.1	564.7	654.6	762.1
50°	295.7	299.3	302.8	301.6	307.4	330.8	376.4	433.7	508.5	591.5	697.9
52.5°	279.4	281.8	281.8	281.8	285.2	300.5	333.1	385.8	454.7	533.0	638.2
55°	270.0	272.4	273.6	274.7	275.9	284.1	308.7	350.7	410.3	482.8	577.5
57.5°	260.7	261.9	264.2	265.4	267.7	272.4	287.5	318.0	368.2	429.0	508.5
60°	252.5	254.9	259.5	260.7	263.0	264.2	271.2	290.0	322.6	369.4	433.7
62.5°	239.6	243.2	247.8	249.0	251.4	252.5	253.7	264.2	279.4	307.4	355.4
63°	236.1	239.6	245.5	246.7	247.8	247.8	249.0	256.0	270.0	294.6	329.7
65°	223.3	227.9	231.4	232.7	233.8	233.8	232.7	235.0	236.1	246.7	267.7
67.5°	209.2	212.7	215.1	216.3	215.1	216.3	215.1	212.7	210.4	212.7	222.1
70°	195.3	197.6	197.6	198.7	199.9	201.0	198.7	196.4	194.0	192.8	198.7
72.5°	178.9	181.2	181.2	182.3	182.3	184.7	184.7	183.5	183.5	184.7	185.9
75°	162.5	164.8	163.6	166.0	166.0	169.5	169.5	170.7	173.0	171.8	170.7
77.5°	147.3	148.5	148.5	149.7	150.8	156.7	160.2	161.3	161.3	159.0	156.7
80°	130.9	130.9	128.6	127.4	128.6	134.4	141.5	142.6	146.1	144.9	146.1
82.5°	109.9	105.2	101.7	101.7	104.0	107.5	109.9	112.2	114.6	114.6	116.9
85°	84.2	79.5	76.0	77.1	80.7	81.9	80.7	80.7	85.3	88.8	85.3
87.5°	50.2	45.6	43.3	39.7	40.9	44.5	43.3	39.7	40.9	32.7	30.4
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: P181102

CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2
2.5°	1246.1	1244.9	1242.6	1239.2	1238.0	1235.6	1236.8	1233.3	1231.0	1228.6	1225.1
5°	1289.4	1289.4	1282.4	1282.4	1278.9	1277.7	1269.5	1266.1	1259.0	1261.3	1253.1
7.5°	1319.8	1323.3	1315.1	1314.0	1309.3	1308.1	1297.6	1294.1	1288.2	1285.9	1278.9
10°	1342.0	1342.0	1331.5	1323.3	1317.5	1311.6	1301.1	1296.4	1291.7	1292.9	1288.2
12.5°	1359.5	1351.4	1336.2	1324.5	1316.3	1310.4	1302.2	1298.7	1297.6	1305.8	1306.9
15°	1373.6	1361.9	1343.2	1335.0	1328.0	1326.8	1326.8	1330.3	1338.5	1353.7	1365.4
17.5°	1381.8	1374.7	1365.4	1363.1	1374.7	1381.8	1391.1	1401.6	1413.3	1434.3	1447.2
20°	1396.9	1401.6	1408.7	1418.0	1436.7	1454.2	1465.9	1481.1	1495.2	1520.8	1541.9
22.5°	1436.7	1463.5	1485.8	1504.5	1532.6	1557.1	1572.3	1593.3	1603.8	1621.4	1654.1
25°	1488.1	1543.1	1589.9	1629.6	1672.8	1698.5	1719.5	1746.4	1762.8	1792.1	1821.3
27.5°	1472.9	1551.3	1621.4	1695.1	1754.6	1821.3	1868.0	1912.5	1940.5	1983.7	2022.3
30°	1426.1	1519.7	1614.3	1711.4	1806.1	1902.0	1990.8	2071.5	2133.4	2195.4	2258.5
32.5°	1363.1	1470.6	1586.3	1705.6	1829.5	1962.7	2085.5	2207.1	2310.0	2399.9	2487.6
35°	1290.5	1412.1	1532.6	1679.8	1832.9	2002.5	2173.1	2341.5	2498.2	2657.1	2764.7
37.5°	1204.1	1328.0	1462.4	1631.9	1811.9	2021.2	2238.6	2458.3	2680.5	2894.4	3080.3
40°	1111.7	1238.0	1379.5	1562.9	1766.3	2009.5	2280.7	2576.5	2881.6	3191.4	3438.0
42.5°	1029.9	1159.6	1314.0	1499.8	1720.8	1994.3	2314.6	2678.2	3051.1	3434.5	3796.9
45°	950.4	1093.0	1255.4	1455.4	1700.8	2006.0	2364.9	2772.9	3203.0	3668.3	4110.2
47.5°	879.1	1024.0	1181.9	1400.5	1671.6	2011.8	2414.0	2867.6	3346.8	3850.6	4375.6
50°	814.8	955.1	1110.5	1330.3	1626.1	2008.3	2458.3	2952.9	3470.7	3994.4	4580.1
52.5°	751.6	894.2	1053.2	1262.5	1570.0	1988.5	2479.5	3023.0	3585.3	4139.4	4745.0
55°	689.7	830.0	990.1	1198.2	1496.3	1937.0	2477.1	3068.6	3676.5	4276.1	4903.9
57.5°	617.2	750.5	907.2	1126.9	1418.0	1857.5	2442.1	3089.6	3754.8	4411.7	5094.4
60°	527.3	652.3	803.1	1022.9	1315.1	1755.8	2368.4	3078.0	3800.4	4512.3	5257.0
62.5°	416.2	524.8	662.8	877.9	1186.5	1609.7	2230.4	2971.6	3727.9	4498.3	5333.0
63°	392.7	495.6	630.1	842.8	1131.5	1570.0	2189.5	2929.5	3692.9	4469.1	5322.5
65°	315.6	382.2	489.8	680.4	946.9	1374.7	1986.2	2713.2	3504.7	4263.3	5170.5
67.5°	242.0	275.9	333.1	466.4	669.9	1081.3	1608.6	2299.4	3041.7	3754.8	4680.6
70°	206.9	222.1	246.7	309.8	425.5	682.7	1129.2	1714.9	2357.9	2976.2	3808.6
72.5°	188.2	195.3	208.1	235.0	292.3	409.1	720.1	1116.4	1603.8	2121.7	2764.7
75°	173.0	178.9	189.4	203.4	224.5	272.4	410.3	682.7	1042.7	1393.4	1865.7
77.5°	157.8	161.3	173.0	185.9	199.9	224.5	271.2	392.7	599.7	821.8	1124.6
80°	144.9	142.6	150.8	171.8	185.9	199.9	214.0	254.9	341.3	450.0	607.9
82.5°	115.7	118.0	125.1	146.1	152.0	148.5	150.8	157.8	190.5	208.1	311.0
85°	78.3	72.5	71.3	73.7	73.7	70.1	70.1	68.9	76.0	86.5	148.5
87.5°	21.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P181102
 CATALOG NUMBER: ICM-F05-LED-E1-SLR-7030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	0°
2.5°	1222.8	1221.6	1222.8	1216.9	1216.9	1215.7	1214.6	1212.3	1212.3	1207.5	1211.1	2.5°
5°	1246.1	1243.8	1239.2	1232.1	1228.6	1223.9	1223.9	1219.3	1215.7	1211.1	1212.3	5°
7.5°	1273.0	1274.2	1266.1	1260.2	1257.9	1253.1	1254.3	1247.4	1248.5	1244.9	1242.6	7.5°
10°	1288.2	1288.2	1290.5	1289.4	1291.7	1291.7	1295.3	1290.5	1288.2	1284.8	1284.8	10°
12.5°	1312.8	1317.5	1326.8	1326.8	1333.8	1336.2	1337.3	1339.6	1335.0	1332.7	1324.5	12.5°
15°	1373.6	1385.2	1393.4	1405.1	1419.2	1423.8	1423.8	1419.2	1416.8	1413.3	1398.1	15°
17.5°	1474.1	1499.8	1506.8	1525.5	1527.8	1533.7	1550.1	1540.8	1534.9	1510.3	1505.7	17.5°
20°	1576.9	1609.7	1642.4	1665.8	1677.5	1700.8	1704.4	1699.7	1676.3	1652.9	1642.4	20°
22.5°	1700.8	1750.0	1787.4	1823.6	1841.1	1852.8	1878.5	1872.8	1854.1	1819.0	1804.9	22.5°
25°	1876.2	1937.0	1976.8	2021.2	2044.6	2056.3	2082.0	2082.0	2062.1	2051.5	2050.4	25°
27.5°	2097.1	2172.0	2237.4	2252.7	2313.4	2327.5	2352.0	2352.0	2333.3	2320.5	2382.4	27.5°
30°	2342.6	2420.9	2534.3	2610.3	2684.0	2756.5	2755.3	2760.0	2782.2	2793.9	2820.8	30°
32.5°	2588.1	2685.1	2805.6	2970.4	3128.2	3262.6	3436.9	3547.9	3514.0	3419.3	3381.9	32.5°
35°	2886.3	2993.8	3139.9	3305.9	3594.6	3768.9	3853.0	3912.6	3919.7	3932.5	3959.4	35°
37.5°	3218.3	3398.3	3567.7	3755.9	3916.1	4127.7	4322.9	4479.6	4515.8	4589.4	4547.4	37.5°
40°	3637.9	3839.0	4016.7	4259.8	4474.9	4729.7	5009.1	5224.2	5310.7	5282.6	5072.2	40°
42.5°	4077.4	4326.4	4534.5	4820.9	5100.3	5437.0	5725.7	6026.2	6079.9	5863.7	5549.2	42.5°
45°	4481.9	4790.5	5048.9	5346.9	5688.3	6091.6	6477.3	6786.0	6775.5	6404.9	5984.0	45°
47.5°	4845.4	5224.2	5539.8	5927.9	6295.0	6775.5	7218.5	7446.5	7312.0	6873.6	6358.2	47.5°
50°	5145.9	5618.2	6007.5	6400.2	6866.6	7445.3	7872.0	8000.6	7741.1	7264.1	6721.7	50°
52.5°	5387.8	5980.6	6417.7	6870.2	7459.3	8068.3	8435.4	8387.5	8052.0	7562.2	7022.1	52.5°
55°	5592.4	6257.6	6778.9	7313.2	8043.8	8604.9	8849.3	8720.7	8251.9	7755.1	7227.9	55°
57.5°	5804.0	6526.5	7110.9	7730.6	8544.1	9025.7	9161.4	8897.2	8346.6	7828.7	7316.7	57.5°
60°	6015.7	6750.9	7404.4	8095.2	8922.9	9369.5	9332.1	8936.9	8318.6	7774.9	7257.1	60°
62.5°	6158.3	6884.1	7575.0	8319.7	9206.9	9544.8	9315.7	8795.5	8156.0	7563.4	7079.4	62.5°
63°	6161.7	6888.9	7585.5	8334.9	9238.6	9550.7	9284.1	8745.2	8104.6	7520.1	7026.8	63°
65°	6088.1	6801.2	7492.0	8265.9	9211.6	9416.2	9011.8	8448.3	7811.2	7220.9	6753.3	65°
67.5°	5711.7	6438.8	7049.0	7778.5	8730.0	8788.4	8282.3	7827.6	7254.7	6643.4	6154.7	67.5°
70°	4953.1	5557.3	6155.9	6765.0	7563.4	7552.9	7077.1	6845.6	6344.1	5647.4	5255.8	70°
72.5°	3939.5	4481.9	4902.7	5310.7	5836.8	5730.4	5424.1	5488.4	5163.4	4643.2	4410.6	72.5°
75°	2924.9	3521.0	3726.7	3892.8	4114.8	4116.0	4200.2	4382.5	4377.9	4089.1	3795.7	75°
77.5°	1918.3	2570.6	2639.6	2772.9	3039.4	3401.8	3775.8	4178.0	4278.5	4050.5	3616.9	77.5°
80°	1069.6	1747.6	1668.1	1782.7	2070.2	2562.4	3114.2	3558.4	3820.3	3692.9	3233.4	80°
82.5°	547.1	1007.6	963.3	1122.2	1354.9	1782.7	2147.5	2488.8	2797.4	2779.8	2605.7	82.5°
85°	284.1	551.7	627.7	710.7	827.6	980.8	1118.7	1218.1	1346.7	1573.5	1650.6	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.2	0.0	84.2	60.7	167.2	238.5	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



IUMBER: P181102

NUMBER: ICM-F05-LED-E1-SLR-7030

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1226.2	1226.2	1226.2	1226.2	1226.2	1226.2	1226.2
1212.3	1213.4	1211.1	1211.1	1212.3	1212.3	1209.9
1209.9	1209.9	1207.5	1205.2	1202.9	1202.9	1200.6
1236.8	1236.8	1228.6	1225.1	1219.3	1214.6	1212.3
1276.6	1269.5	1260.2	1253.1	1243.8	1233.3	1227.4
1316.3	1305.8	1294.1	1283.5	1271.8	1260.2	1254.3
1381.8	1367.7	1352.6	1339.6	1323.3	1305.8	1298.7
1482.2	1460.1	1440.2	1421.5	1392.3	1379.5	1365.4
1615.5	1582.8	1557.1	1525.5	1489.3	1477.6	1460.1
1776.8	1748.8	1697.4	1674.0	1637.8	1620.2	1623.7
2022.3	1986.2	1926.5	1904.3	1900.8	1862.2	1843.5
2342.6	2345.0	2290.1	2230.4	2197.7	2136.9	2059.7
2798.5	2767.0	2702.7	2641.9	2564.8	2450.2	2321.6
3350.3	3280.2	3173.8	3060.4	2923.6	2747.1	2567.1
3889.2	3766.4	3597.0	3407.6	3210.1	2990.3	2735.5
4362.6	4172.1	3918.4	3701.0	3421.6	3146.9	2835.9
4795.2	4559.1	4231.7	3950.0	3620.4	3267.4	2899.1
5213.7	4914.4	4513.4	4132.4	3759.5	3348.0	2929.5
5612.3	5226.5	4750.7	4297.2	3861.1	3400.6	2934.2
5918.5	5497.8	4963.6	4416.4	3931.3	3440.3	2934.2
6202.6	5726.9	5126.0	4510.0	3996.8	3467.2	2936.5
6423.6	5888.2	5231.2	4576.6	4048.2	3487.1	2947.0
6583.8	5993.4	5301.3	4617.5	4085.6	3515.2	2970.4
6695.9	6062.4	5339.9	4653.7	4131.2	3564.2	3035.8
6749.7	6189.8	5404.2	4726.3	4209.5	3668.3	3166.8
6708.8	6387.4	5587.8	4849.0	4318.3	3830.8	3376.0
6691.3	6423.6	5638.1	4875.8	4342.8	3865.9	3448.5
6554.6	6459.9	5845.0	5011.5	4459.7	4021.3	3650.7
6130.2	6317.2	6019.1	5240.6	4711.0	4398.9	4028.3
5580.8	6105.6	5987.6	5269.8	4871.2	4708.7	4266.8
4922.6	5466.2	5356.3	4880.5	4694.6	4712.2	4204.9
3874.1	4282.0	4209.5	4042.4	4079.7	4208.4	3601.7
3103.6	3048.8	2881.6	2893.2	3109.5	3260.3	2592.9
2535.6	2052.8	1835.3	1841.1	2218.7	2375.4	1651.8
2412.8	1941.7	1581.7	1381.8	1614.3	1554.8	862.7
1718.4	1722.0	1428.5	1160.8	1124.6	956.2	537.8
406.8	326.1	232.7	173.0	182.3	120.4	60.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)