

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: P181111

Luminaire Tested: **ICM-F06-LED-E1-SLR-8030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181111
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-F06-LED-E1-SLR-8030
Description: ICON SITE MEDIUM LED LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (42) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10820.4 lumens
Efficiency: N/A
Efficacy: 69.1 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1' x L: 1' x H: 0.1')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 156.5
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

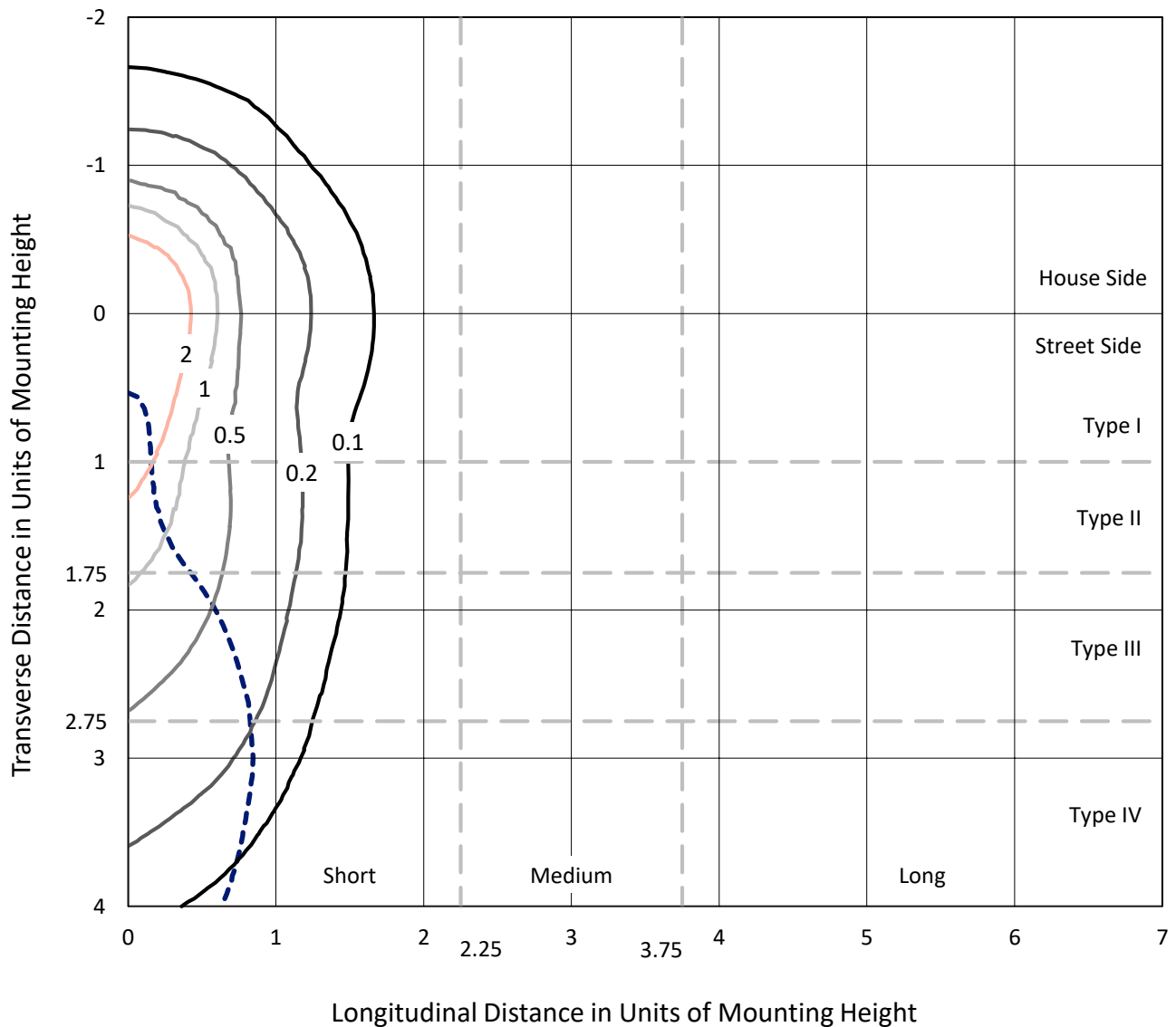


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Iso-Footcandle Lines of Horizontal Illumination

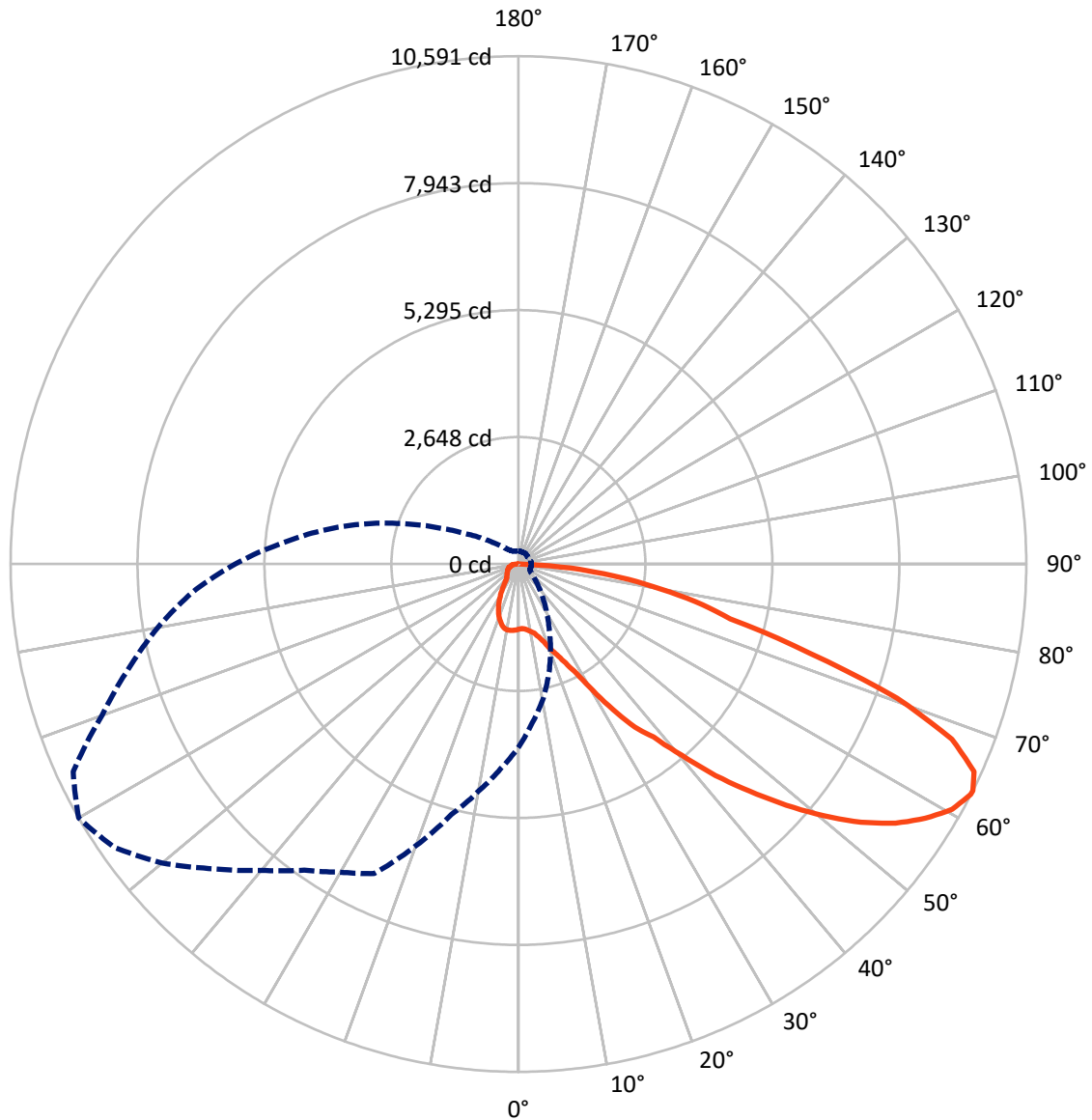
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.3 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2346.4	0.0	2346.4
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	8474.0	0.0	8474.0
	% Fixture	78.3	0.0	78.3
Total	Lumens	10820.4	0.0	10820.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	132.4	1.2
10°-20°	412.2	3.8
20°-30°	732.4	6.8
30°-40°	1153.3	10.7
40°-50°	1697.3	15.7
50°-60°	2254.5	20.8
60°-70°	2483.4	23.0
70°-80°	1558.0	14.4
80°-90°	396.8	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°	10820.4	100.0
0°-180°	10820.4	100.0

Coefficient of Utilization



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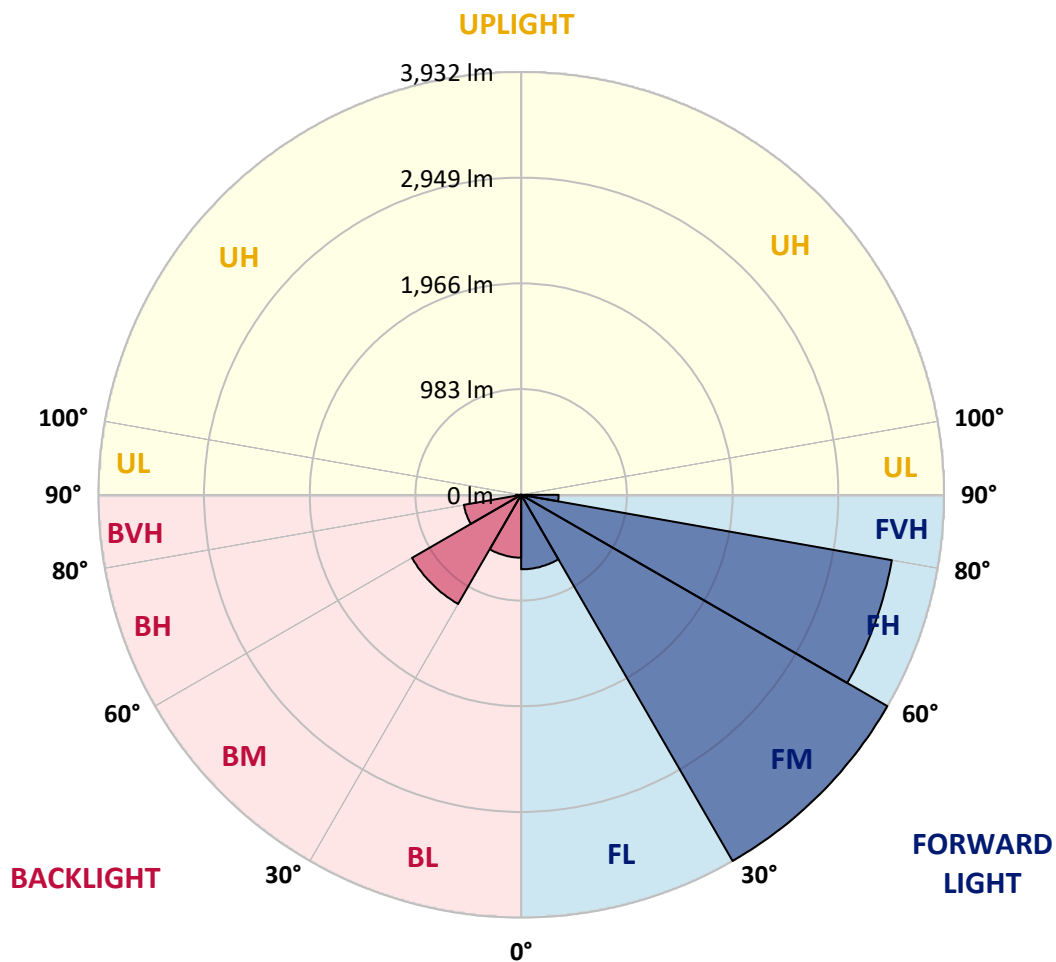
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	692.8	6.4			
FM (30°-60°)	3932.4	36.3			
FH (60°-80°)	3500.6	32.4			G2/5000
FVH (80°-90°)	348.2	3.2			G3/500
BL (0°-30°)	584.2	5.4	B2/1000		
BM (30°-60°)	1172.8	10.8	B2/2500		
BH (60°-80°)	540.8	5.0	B2/1000		G2/1000
BVH (80°-90°)	48.6	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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1341.6	1345.5	1344.2	1344.2	1346.8	1345.5	1345.5	1346.8	1346.8	1350.7	1355.9
5°	1331.3	1330.0	1327.4	1330.0	1330.0	1330.0	1324.8	1328.7	1330.0	1332.6	1332.6
7.5°	1344.2	1340.3	1335.2	1336.5	1336.5	1333.9	1330.0	1331.3	1330.0	1330.0	1328.7
10°	1361.0	1352.0	1345.5	1345.5	1345.5	1342.9	1336.5	1340.3	1340.3	1339.1	1340.3
12.5°	1390.9	1380.5	1372.8	1370.1	1370.1	1366.2	1361.0	1366.2	1363.6	1363.6	1361.0
15°	1440.1	1428.5	1419.5	1411.6	1412.9	1412.9	1406.4	1402.5	1397.4	1390.9	1378.0
17.5°	1514.1	1501.0	1489.4	1482.9	1484.2	1475.2	1457.0	1438.9	1414.2	1389.6	1362.3
20°	1619.0	1615.2	1599.5	1593.1	1577.6	1555.5	1504.9	1462.1	1414.2	1367.5	1320.8
22.5°	1800.5	1782.3	1766.8	1742.2	1690.3	1629.4	1545.1	1470.0	1394.8	1328.7	1266.4
25°	2044.2	2011.8	1935.4	1860.1	1753.9	1644.9	1530.9	1433.7	1340.3	1253.5	1177.0
27.5°	2284.0	2185.5	2049.4	1913.3	1757.7	1615.2	1472.6	1357.2	1248.3	1153.7	1069.4
30°	2574.3	2408.5	2199.7	1984.6	1764.2	1572.4	1401.2	1266.4	1140.8	1040.9	952.8
32.5°	2846.6	2606.8	2333.2	2050.7	1778.4	1532.2	1319.6	1166.6	1037.0	911.3	824.4
35°	3033.2	2722.2	2390.3	2057.1	1743.5	1455.7	1217.2	1037.0	907.4	790.7	688.3
37.5°	3144.8	2772.7	2392.9	2010.5	1661.8	1352.0	1087.5	908.7	789.4	678.0	597.6
40°	3214.7	2784.4	2359.2	1943.1	1558.1	1221.0	958.0	797.2	688.3	598.9	536.7
42.5°	3248.4	2766.2	2304.8	1857.5	1453.1	1104.4	867.2	715.5	620.9	557.4	510.7
45°	3253.6	2733.8	2246.4	1779.7	1359.8	1020.2	804.9	681.9	604.1	550.9	504.3
47.5°	3253.6	2705.3	2199.7	1722.7	1298.9	983.8	799.8	696.1	619.6	560.0	504.3
50°	3256.2	2696.2	2180.3	1694.2	1278.1	1003.3	843.8	740.2	653.3	575.5	503.0
52.5°	3267.8	2707.9	2195.8	1716.3	1315.7	1081.1	926.8	806.2	697.4	593.7	503.0
55°	3293.8	2746.8	2262.0	1792.8	1416.8	1199.1	1026.6	877.6	732.4	601.5	495.2
57.5°	3366.3	2845.3	2382.5	1940.5	1589.2	1335.2	1117.4	928.1	745.3	595.0	479.6
60°	3511.6	3041.0	2588.7	2147.9	1772.0	1451.8	1170.5	935.9	733.7	574.2	455.0
62.5°	3743.6	3265.3	2838.8	2373.4	1934.1	1516.7	1177.0	916.5	702.6	536.7	418.7
63°	3823.9	3321.0	2891.9	2416.2	1954.8	1521.8	1171.8	908.7	694.8	526.2	413.5
65°	4048.2	3555.6	3076.0	2566.6	2013.1	1523.1	1143.3	869.8	658.5	486.1	377.2
67.5°	4466.9	3864.1	3308.0	2684.6	2033.9	1481.6	1070.7	797.2	582.1	423.9	331.8
70°	4731.4	4036.6	3397.5	2687.2	1972.9	1363.6	944.9	679.3	484.8	351.3	285.2
72.5°	4662.6	3866.7	3161.6	2444.8	1709.8	1139.4	759.6	534.0	378.5	281.3	237.2
75°	3993.8	3218.6	2579.6	1893.9	1292.4	837.4	556.1	381.1	280.0	220.4	198.3
77.5°	2875.1	2316.4	1849.8	1349.4	871.1	541.9	369.4	272.2	212.6	181.5	163.3
80°	1831.6	1358.5	1131.6	811.4	509.4	335.7	254.0	206.1	175.0	151.6	140.0
82.5°	956.7	670.1	544.5	414.8	282.6	221.7	186.7	168.6	143.9	125.8	119.3
85°	596.3	395.4	292.9	204.8	141.3	127.1	116.7	114.0	102.4	90.7	86.9
87.5°	67.4	60.9	63.5	40.2	29.8	32.4	31.1	41.5	40.2	29.8	31.1
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1350.7	1353.3	1353.3	1357.2	1357.2	1359.8	1362.3	1362.3	1364.9	1366.2	1368.8
5°	1335.2	1335.2	1335.2	1340.3	1341.6	1349.4	1352.0	1354.6	1357.2	1366.2	1371.5
7.5°	1331.3	1326.1	1328.7	1328.7	1332.6	1339.1	1345.5	1349.4	1353.3	1364.9	1372.8
10°	1339.1	1335.2	1331.3	1331.3	1332.6	1335.2	1340.3	1344.2	1346.8	1358.5	1364.9
12.5°	1359.8	1350.7	1342.9	1336.5	1331.3	1330.0	1327.4	1328.7	1331.3	1337.8	1346.8
15°	1363.6	1346.8	1330.0	1313.1	1300.2	1292.4	1285.9	1283.3	1283.3	1287.2	1297.6
17.5°	1337.8	1309.2	1284.6	1262.5	1248.3	1234.1	1227.5	1222.3	1219.8	1224.9	1226.2
20°	1282.0	1248.3	1214.6	1188.7	1162.7	1158.9	1148.5	1151.1	1153.7	1161.5	1165.3
22.5°	1205.5	1165.3	1123.8	1096.7	1075.9	1057.8	1046.1	1051.3	1055.2	1062.9	1066.8
25°	1112.2	1053.9	1009.8	982.6	960.6	944.9	932.0	937.2	932.0	941.1	955.4
27.5°	1002.1	933.3	886.6	855.5	840.0	827.0	814.1	814.1	827.0	827.0	838.7
30°	868.5	818.0	757.0	724.7	705.1	697.4	696.1	693.5	702.6	707.7	720.7
32.5°	742.8	680.6	622.2	591.1	574.2	565.2	566.4	567.7	571.6	579.4	600.2
35°	615.7	561.3	519.8	484.8	467.9	451.1	451.1	448.5	452.4	461.5	486.1
37.5°	534.0	486.1	453.7	426.5	409.6	399.3	390.1	386.3	386.3	390.1	399.3
40°	488.7	453.7	423.9	400.6	385.0	375.9	370.7	366.9	364.3	364.3	365.6
42.5°	467.9	431.6	401.9	381.1	369.4	364.3	363.0	361.7	357.8	356.5	355.2
45°	457.6	416.1	382.4	365.6	356.5	353.9	355.2	355.2	353.9	351.3	346.1
47.5°	449.8	401.9	368.1	352.6	348.7	348.7	348.7	348.7	347.4	346.1	342.2
50°	436.8	379.8	343.5	331.8	329.2	329.2	330.5	330.5	333.1	330.5	327.9
52.5°	422.6	359.1	322.8	312.4	311.1	309.8	309.8	309.8	311.1	311.1	309.8
55°	407.0	343.5	312.4	304.7	306.0	304.7	303.4	302.0	302.0	300.7	298.1
57.5°	391.4	330.5	304.7	299.4	300.7	300.7	298.1	295.5	294.2	290.3	287.8
60°	368.1	312.4	289.0	286.5	290.3	290.3	290.3	289.0	289.0	287.8	281.3
62.5°	337.0	286.5	268.3	269.6	270.9	273.5	273.5	273.5	273.5	270.9	264.5
63°	330.5	281.3	264.5	264.5	268.3	268.3	269.6	268.3	269.6	267.1	259.3
65°	304.7	264.5	251.4	252.7	255.4	255.4	255.4	254.0	254.0	250.1	246.3
67.5°	274.8	243.7	235.9	237.2	238.5	241.1	239.8	239.8	241.1	238.5	234.6
70°	241.1	221.7	216.5	217.8	219.1	219.1	217.8	217.8	219.1	216.5	212.6
72.5°	215.2	207.4	203.5	203.5	200.9	200.9	198.3	197.0	195.7	195.7	191.8
75°	181.5	180.2	181.5	184.1	181.5	178.9	177.6	173.7	171.1	171.1	169.8
77.5°	155.5	155.5	158.1	162.0	163.3	163.3	159.4	152.9	151.6	151.6	151.6
80°	134.8	132.2	132.2	136.1	140.0	138.7	132.2	125.8	125.8	132.2	133.5
82.5°	118.0	118.0	114.0	115.3	114.0	112.7	106.3	102.4	101.1	106.3	111.4
85°	93.3	94.6	93.3	92.0	90.7	86.9	81.7	77.8	76.5	81.7	89.4
87.5°	37.6	36.3	35.0	36.3	35.0	37.6	36.3	33.7	32.4	36.3	44.1
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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CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1370.1	1372.8	1375.4	1375.4	1378.0	1376.7	1378.0	1379.3	1379.3	1380.5	1380.5
5°	1378.0	1381.8	1387.0	1392.2	1393.5	1397.4	1401.2	1398.7	1402.5	1407.7	1407.7
7.5°	1380.5	1389.6	1393.5	1401.2	1402.5	1407.7	1416.8	1410.3	1418.1	1422.0	1423.3
10°	1376.7	1385.7	1392.2	1401.2	1405.1	1414.2	1423.3	1420.7	1429.8	1436.3	1437.6
12.5°	1353.3	1362.3	1376.7	1389.6	1399.9	1414.2	1431.1	1425.9	1438.9	1446.6	1450.5
15°	1307.9	1317.0	1332.6	1353.3	1372.8	1394.8	1416.8	1420.7	1433.7	1442.7	1446.6
17.5°	1236.7	1248.3	1265.1	1287.2	1311.8	1349.4	1378.0	1392.2	1410.3	1415.5	1422.0
20°	1170.5	1182.1	1192.6	1205.5	1223.6	1260.0	1297.6	1326.1	1349.4	1368.8	1374.1
22.5°	1082.3	1092.8	1105.7	1116.1	1129.0	1155.0	1186.1	1218.5	1254.8	1266.4	1279.4
25°	976.1	982.6	1000.8	1007.2	1016.3	1038.3	1062.9	1086.2	1121.3	1145.9	1152.4
27.5°	862.1	868.5	885.3	889.2	900.9	921.7	939.8	948.8	981.3	1007.2	1027.9
30°	729.8	746.6	767.4	770.0	783.0	795.9	812.7	821.9	851.6	878.9	904.7
32.5°	615.7	632.6	649.4	659.8	666.2	676.7	693.5	702.6	731.1	755.7	781.7
35°	499.1	519.8	538.0	552.2	557.4	570.3	583.4	592.4	622.2	644.3	662.4
37.5°	410.9	426.5	446.0	460.2	474.4	483.5	499.1	512.0	530.1	541.9	561.3
40°	368.1	375.9	386.3	398.0	409.6	420.0	431.6	442.0	453.7	469.2	482.2
42.5°	353.9	355.2	355.2	359.1	365.6	370.7	381.1	388.8	396.7	408.3	414.8
45°	343.5	342.2	339.6	337.0	338.3	340.9	347.4	352.6	361.7	366.9	368.1
47.5°	338.3	333.1	327.9	324.1	322.8	324.1	329.2	334.4	339.6	343.5	344.8
50°	321.5	317.6	309.8	304.7	302.0	304.7	311.1	313.7	318.9	322.8	324.1
52.5°	304.7	299.4	294.2	289.0	289.0	290.3	295.5	300.7	306.0	307.3	309.8
55°	294.2	286.5	281.3	277.4	274.8	278.7	282.6	289.0	295.5	296.8	299.4
57.5°	283.9	276.1	270.9	267.1	264.5	268.3	272.2	281.3	289.0	289.0	289.0
60°	277.4	270.9	263.2	259.3	255.4	259.3	264.5	273.5	281.3	280.0	278.7
62.5°	259.3	252.7	248.8	248.8	245.0	251.4	256.7	267.1	268.3	265.8	263.2
63°	254.0	248.8	246.3	246.3	243.7	250.1	255.4	264.5	264.5	261.9	259.3
65°	241.1	237.2	234.6	237.2	237.2	243.7	245.0	251.4	250.1	246.3	245.0
67.5°	230.7	228.2	225.6	225.6	225.6	226.9	228.2	230.7	229.4	228.2	229.4
70°	213.9	212.6	210.0	210.0	208.7	208.7	208.7	210.0	210.0	211.3	212.6
72.5°	193.1	190.5	190.5	191.8	189.2	190.5	191.8	190.5	193.1	193.1	194.4
75°	169.8	168.6	171.1	173.7	172.4	172.4	173.7	173.7	175.0	175.0	176.3
77.5°	151.6	152.9	154.2	156.8	158.1	158.1	158.1	156.8	158.1	158.1	159.4
80°	134.8	137.4	140.0	142.6	143.9	143.9	143.9	142.6	142.6	142.6	142.6
82.5°	121.9	125.8	128.4	129.6	129.6	129.6	129.6	129.6	129.6	127.1	124.5
85°	102.4	110.1	110.1	111.4	107.6	105.0	102.4	103.7	105.0	99.8	98.5
87.5°	51.8	51.8	54.4	57.0	58.3	58.3	66.1	62.2	60.9	59.6	57.0
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: ICM-F06-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1381.8	1380.5	1383.1	1380.5	1381.8	1383.1	1380.5	1384.4	1387.0	1383.1	1379.3
5°	1410.3	1410.3	1416.8	1419.5	1420.7	1428.5	1424.6	1427.2	1429.8	1428.5	1429.8
7.5°	1428.5	1433.7	1440.1	1446.6	1447.9	1454.4	1453.1	1457.0	1459.5	1466.1	1466.1
10°	1444.0	1450.5	1459.5	1466.1	1472.6	1477.8	1480.3	1488.1	1489.4	1494.6	1494.6
12.5°	1458.3	1466.1	1475.2	1485.5	1492.0	1502.3	1503.6	1515.4	1519.2	1520.5	1516.7
15°	1455.7	1464.8	1475.2	1486.8	1498.5	1511.5	1519.2	1530.9	1537.4	1539.9	1533.5
17.5°	1431.1	1438.9	1451.8	1467.4	1481.6	1498.5	1512.8	1529.6	1539.9	1542.5	1541.2
20°	1383.1	1388.3	1405.1	1425.9	1442.7	1468.7	1489.4	1515.4	1532.2	1545.1	1549.0
22.5°	1288.5	1301.4	1318.3	1341.6	1366.2	1398.7	1428.5	1466.1	1502.3	1533.5	1564.6
25°	1174.4	1197.8	1223.6	1254.8	1284.6	1318.3	1352.0	1394.8	1447.9	1512.8	1586.6
27.5°	1059.1	1099.3	1131.6	1171.8	1206.8	1240.6	1278.1	1324.8	1383.1	1460.8	1555.5
30°	942.4	987.7	1022.7	1069.4	1116.1	1161.5	1199.1	1248.3	1305.3	1384.4	1488.1
32.5°	818.0	863.4	904.7	947.5	999.4	1053.9	1099.3	1160.2	1221.0	1302.7	1407.7
35°	689.6	729.8	764.7	810.1	867.2	925.5	985.1	1055.2	1121.3	1206.8	1318.3
37.5°	578.1	606.6	640.4	680.6	724.7	786.8	854.2	937.2	1012.4	1105.7	1219.8
40°	486.1	501.7	521.1	554.8	595.0	655.9	722.1	810.1	900.9	1003.3	1113.5
42.5°	414.8	422.6	427.7	449.8	482.2	541.9	605.4	690.9	790.7	902.2	1013.7
45°	368.1	372.0	373.3	385.0	408.3	460.2	526.2	598.9	694.8	803.7	920.4
47.5°	346.1	350.0	352.6	355.2	369.4	409.6	469.2	538.0	626.1	725.9	845.1
50°	327.9	331.8	335.7	334.4	340.9	366.9	417.4	480.9	563.9	655.9	773.9
52.5°	309.8	312.4	312.4	312.4	316.3	333.1	369.4	427.7	504.3	591.1	707.7
55°	299.4	302.0	303.4	304.7	306.0	315.0	342.2	388.8	455.0	535.4	640.4
57.5°	289.0	290.3	292.9	294.2	296.8	302.0	318.9	352.6	408.3	475.7	563.9
60°	280.0	282.6	287.8	289.0	291.6	292.9	300.7	321.5	357.8	409.6	480.9
62.5°	265.8	269.6	274.8	276.1	278.7	280.0	281.3	292.9	309.8	340.9	394.0
63°	261.9	265.8	272.2	273.5	274.8	274.8	276.1	283.9	299.4	326.7	365.6
65°	247.6	252.7	256.7	258.0	259.3	259.3	258.0	260.6	261.9	273.5	296.8
67.5°	232.0	235.9	238.5	239.8	238.5	239.8	238.5	235.9	233.3	235.9	246.3
70°	216.5	219.1	219.1	220.4	221.7	223.0	220.4	217.8	215.2	213.9	220.4
72.5°	198.3	200.9	200.9	202.2	202.2	204.8	204.8	203.5	203.5	204.8	206.1
75°	180.2	182.8	181.5	184.1	184.1	188.0	188.0	189.2	191.8	190.5	189.2
77.5°	163.3	164.7	164.7	166.0	167.3	173.7	177.6	178.9	178.9	176.3	173.7
80°	145.2	145.2	142.6	141.3	142.6	149.0	156.8	158.1	162.0	160.7	162.0
82.5°	121.9	116.7	112.7	112.7	115.3	119.3	121.9	124.5	127.1	127.1	129.6
85°	93.3	88.2	84.3	85.6	89.4	90.7	89.4	89.4	94.6	98.5	94.6
87.5°	55.7	50.5	48.0	44.1	45.4	49.3	48.0	44.1	45.4	36.3	33.7
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: ICM-F06-LED-E1-SLR-8030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
2.5°	1381.8	1380.5	1378.0	1374.1	1372.8	1370.1	1371.5	1367.5	1364.9	1362.3	1358.5
5°	1429.8	1429.8	1422.0	1422.0	1418.1	1416.8	1407.7	1403.8	1396.1	1398.7	1389.6
7.5°	1463.5	1467.4	1458.3	1457.0	1451.8	1450.5	1438.9	1435.0	1428.5	1425.9	1418.1
10°	1488.1	1488.1	1476.5	1467.4	1460.8	1454.4	1442.7	1437.6	1432.4	1433.7	1428.5
12.5°	1507.5	1498.5	1481.6	1468.7	1459.5	1453.1	1444.0	1440.1	1438.9	1447.9	1449.2
15°	1523.1	1510.1	1489.4	1480.3	1472.6	1471.3	1471.3	1475.2	1484.2	1501.0	1514.1
17.5°	1532.2	1524.4	1514.1	1511.5	1524.4	1532.2	1542.5	1554.2	1567.2	1590.5	1604.8
20°	1549.0	1554.2	1562.0	1572.4	1593.1	1612.6	1625.5	1642.3	1657.9	1686.4	1709.8
22.5°	1593.1	1622.9	1647.5	1668.3	1699.4	1726.6	1743.5	1766.8	1778.4	1797.9	1834.2
25°	1650.1	1711.1	1762.9	1807.0	1855.0	1883.5	1906.8	1936.6	1954.8	1987.2	2019.5
27.5°	1633.3	1720.1	1797.9	1879.5	1945.7	2019.5	2071.5	2120.7	2151.8	2199.7	2242.5
30°	1581.4	1685.1	1790.2	1897.7	2002.7	2109.0	2207.5	2296.9	2365.7	2434.3	2504.4
32.5°	1511.5	1630.7	1759.0	1891.3	2028.7	2176.4	2312.6	2447.4	2561.4	2661.2	2758.4
35°	1431.1	1565.9	1699.4	1862.7	2032.6	2220.5	2409.8	2596.4	2770.1	2946.4	3065.7
37.5°	1335.2	1472.6	1621.6	1809.6	2009.2	2241.2	2482.3	2726.1	2972.3	3209.5	3415.6
40°	1232.8	1372.8	1529.6	1733.1	1958.6	2228.3	2529.0	2856.9	3195.3	3538.8	3812.3
42.5°	1142.0	1285.9	1457.0	1663.1	1908.1	2211.5	2566.6	2969.7	3383.3	3808.4	4210.3
45°	1053.9	1212.0	1392.2	1613.9	1886.1	2224.4	2622.3	3074.7	3551.7	4067.7	4557.6
47.5°	974.8	1135.5	1310.5	1552.9	1853.7	2230.9	2676.8	3179.7	3711.2	4269.9	4851.9
50°	903.4	1059.1	1231.4	1475.2	1803.1	2227.0	2726.1	3274.3	3848.6	4429.3	5078.7
52.5°	833.5	991.6	1167.9	1399.9	1740.8	2204.9	2749.4	3352.1	3975.7	4590.1	5261.5
55°	764.7	920.4	1098.0	1328.7	1659.2	2147.9	2746.8	3402.7	4076.8	4741.7	5437.8
57.5°	684.5	832.2	1005.9	1249.6	1572.4	2059.7	2707.9	3426.0	4163.6	4892.1	5649.1
60°	584.7	723.4	890.5	1134.2	1458.3	1947.0	2626.2	3413.0	4214.2	5003.6	5829.2
62.5°	461.5	582.1	735.0	973.5	1315.7	1784.9	2473.2	3295.1	4133.8	4988.0	5913.5
63°	435.5	549.6	698.7	934.6	1254.8	1740.8	2427.9	3248.4	4094.9	4955.6	5901.9
65°	350.0	423.9	543.2	754.4	1050.0	1524.4	2202.3	3008.6	3886.2	4727.5	5733.3
67.5°	268.3	306.0	369.4	517.2	742.8	1199.1	1783.6	2549.8	3372.9	4163.6	5190.3
70°	229.4	246.3	273.5	343.5	471.8	757.0	1252.2	1901.6	2614.5	3300.3	4223.2
72.5°	208.7	216.5	230.7	260.6	324.1	453.7	798.5	1238.0	1778.4	2352.8	3065.7
75°	191.8	198.3	210.0	225.6	248.8	302.0	455.0	757.0	1156.3	1545.1	2068.8
77.5°	175.0	178.9	191.8	206.1	221.7	248.8	300.7	435.5	665.0	911.3	1247.0
80°	160.7	158.1	167.3	190.5	206.1	221.7	237.2	282.6	378.5	499.1	674.1
82.5°	128.4	130.9	138.7	162.0	168.6	164.7	167.3	175.0	211.3	230.7	344.8
85°	86.9	80.4	79.1	81.7	81.7	77.8	77.8	76.5	84.3	95.9	164.7
87.5°	23.3	11.6	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

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 CATALOG NUMBER: ICM-F06-LED-E1-SLR-8030

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	0°
2.5°	1355.9	1354.6	1355.9	1349.4	1349.4	1348.1	1346.8	1344.2	1344.2	1339.1	1342.9	2.5°
5°	1381.8	1379.3	1374.1	1366.2	1362.3	1357.2	1357.2	1352.0	1348.1	1342.9	1344.2	5°
7.5°	1411.6	1412.9	1403.8	1397.4	1394.8	1389.6	1390.9	1383.1	1384.4	1380.5	1378.0	7.5°
10°	1428.5	1428.5	1431.1	1429.8	1432.4	1432.4	1436.3	1431.1	1428.5	1424.6	1424.6	10°
12.5°	1455.7	1460.8	1471.3	1471.3	1479.1	1481.6	1482.9	1485.5	1480.3	1477.8	1468.7	12.5°
15°	1523.1	1536.1	1545.1	1558.1	1573.7	1578.8	1578.8	1573.7	1571.1	1567.2	1550.3	15°
17.5°	1634.6	1663.1	1670.9	1691.6	1694.2	1700.7	1718.8	1708.5	1702.0	1674.8	1669.6	17.5°
20°	1748.7	1784.9	1821.2	1847.2	1860.1	1886.1	1890.0	1884.8	1858.8	1832.9	1821.2	20°
22.5°	1886.1	1940.5	1982.0	2022.2	2041.6	2054.6	2083.1	2076.6	2055.8	2016.9	2001.4	22.5°
25°	2080.5	2147.9	2192.0	2241.2	2267.2	2280.1	2308.7	2308.7	2286.6	2274.9	2273.6	25°
27.5°	2325.5	2408.5	2481.0	2497.9	2565.3	2580.9	2608.1	2608.1	2587.4	2573.0	2641.8	27.5°
30°	2597.7	2684.6	2810.2	2894.5	2976.2	3056.6	3055.3	3060.5	3085.1	3098.1	3127.8	30°
32.5°	2869.9	2977.5	3111.0	3293.8	3468.8	3617.9	3811.0	3934.2	3896.6	3791.6	3750.1	32.5°
35°	3200.5	3319.7	3481.8	3665.8	3986.0	4179.2	4272.5	4338.5	4346.4	4360.6	4390.4	35°
37.5°	3568.6	3768.2	3956.2	4164.9	4342.4	4577.1	4793.6	4967.3	5007.5	5089.1	5042.4	37.5°
40°	4034.0	4257.0	4454.0	4723.6	4962.1	5244.7	5554.5	5793.0	5888.9	5857.8	5624.5	40°
42.5°	4521.3	4797.4	5028.2	5345.8	5655.6	6028.9	6349.1	6682.2	6741.8	6502.1	6153.3	42.5°
45°	4969.9	5312.0	5598.5	5929.1	6307.6	6754.8	7182.6	7524.8	7513.2	7102.2	6635.6	45°
47.5°	5373.0	5793.0	6143.0	6573.3	6980.3	7513.2	8004.4	8257.2	8108.1	7622.0	7050.4	47.5°
50°	5706.2	6229.8	6661.4	7097.1	7614.2	8255.9	8729.0	8871.6	8583.9	8054.9	7453.5	50°
52.5°	5974.5	6631.7	7116.5	7618.1	8271.4	8946.8	9353.8	9300.7	8928.6	8385.5	7786.7	52.5°
55°	6201.3	6938.9	7517.0	8109.4	8919.6	9541.7	9812.7	9670.1	9150.3	8599.4	8014.7	55°
57.5°	6435.9	7237.0	7885.2	8572.1	9474.4	10008.4	10158.8	9865.8	9255.3	8681.1	8113.3	57.5°
60°	6670.6	7485.9	8210.5	8976.6	9894.4	10389.6	10348.1	9909.9	9224.1	8621.4	8047.2	60°
62.5°	6828.7	7633.7	8399.8	9225.5	10209.4	10584.0	10329.9	9753.1	9044.0	8386.8	7850.2	62.5°
63°	6832.6	7638.8	8411.4	9242.3	10244.3	10590.5	10294.9	9697.4	8986.9	8338.8	7791.9	63°
65°	6750.9	7541.6	8307.8	9165.8	10214.6	10441.4	9992.9	9368.1	8661.6	8007.0	7488.5	65°
67.5°	6333.5	7139.8	7816.4	8625.4	9680.4	9745.3	9184.0	8679.8	8044.6	7366.6	6824.8	67.5°
70°	5492.2	6162.5	6826.1	7501.4	8386.8	8375.1	7847.6	7590.9	7034.8	6262.3	5827.9	70°
72.5°	4368.4	4969.9	5436.5	5888.9	6472.2	6354.3	6014.6	6085.9	5725.6	5148.8	4890.8	72.5°
75°	3243.3	3904.3	4132.5	4316.6	4562.8	4564.1	4657.4	4859.7	4854.4	4534.4	4209.0	75°
77.5°	2127.2	2850.4	2927.0	3074.7	3370.3	3772.1	4186.9	4632.9	4744.3	4491.6	4010.6	77.5°
80°	1186.1	1937.9	1849.8	1976.8	2295.6	2841.4	3453.2	3945.8	4236.2	4094.9	3585.4	80°
82.5°	606.6	1117.4	1068.1	1244.4	1502.3	1976.8	2381.2	2759.7	3102.0	3082.5	2889.3	82.5°
85°	315.0	611.8	696.1	788.1	917.8	1087.5	1240.6	1350.7	1493.3	1744.8	1830.3	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.3	0.0	93.3	67.4	185.4	264.5	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°



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DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1359.8	1359.8	1359.8	1359.8	1359.8	1359.8	1359.8
1344.2	1345.5	1342.9	1342.9	1344.2	1344.2	1341.6
1341.6	1341.6	1339.1	1336.5	1333.9	1333.9	1331.3
1371.5	1371.5	1362.3	1358.5	1352.0	1346.8	1344.2
1415.5	1407.7	1397.4	1389.6	1379.3	1367.5	1361.0
1459.5	1447.9	1435.0	1423.3	1410.3	1397.4	1390.9
1532.2	1516.7	1499.7	1485.5	1467.4	1447.9	1440.1
1643.6	1619.0	1597.0	1576.3	1543.8	1529.6	1514.1
1791.5	1755.2	1726.6	1691.6	1651.5	1638.4	1619.0
1970.3	1939.2	1882.2	1856.3	1816.1	1796.7	1800.5
2242.5	2202.3	2136.2	2111.6	2107.7	2064.9	2044.2
2597.7	2600.3	2539.4	2473.2	2436.9	2369.6	2284.0
3103.3	3068.2	2996.9	2929.5	2844.0	2716.9	2574.3
3715.1	3637.3	3519.4	3393.6	3242.0	3046.3	2846.6
4312.7	4176.6	3988.6	3778.6	3559.6	3315.8	3033.2
4837.6	4626.4	4345.0	4103.9	3794.2	3489.5	3144.8
5317.2	5055.4	4692.5	4380.0	4014.5	3623.1	3214.7
5781.3	5449.5	5004.9	4582.3	4168.8	3712.5	3248.4
6223.4	5795.6	5268.0	4765.1	4281.5	3770.8	3253.6
6562.9	6096.3	5503.9	4897.2	4359.3	3814.9	3253.6
6878.0	6350.4	5684.1	5001.0	4431.9	3844.7	3256.2
7122.9	6529.2	5800.8	5074.8	4489.0	3866.7	3267.8
7300.5	6645.9	5878.5	5120.2	4530.4	3897.9	3293.8
7425.0	6722.4	5921.3	5160.4	4581.0	3952.3	3366.3
7484.6	6863.7	5992.6	5240.8	4667.8	4067.7	3511.6
7439.2	7082.7	6196.1	5376.9	4788.4	4247.8	3743.6
7419.8	7122.9	6251.9	5406.7	4815.6	4286.7	3823.9
7268.1	7163.1	6481.3	5557.1	4945.2	4459.1	4048.2
6797.6	7005.0	6674.5	5811.1	5223.9	4877.8	4466.9
6188.3	6770.4	6639.5	5843.6	5401.5	5221.3	4731.4
5458.5	6061.3	5939.5	5411.8	5205.8	5225.2	4662.6
4295.8	4748.2	4667.8	4482.4	4523.9	4666.5	3993.8
3441.6	3380.7	3195.3	3208.2	3448.0	3615.3	2875.1
2811.6	2276.2	2035.1	2041.6	2460.3	2634.0	1831.6
2675.5	2153.1	1753.9	1532.2	1790.2	1724.0	956.7
1905.5	1909.4	1584.0	1287.2	1247.0	1060.4	596.3
451.1	361.7	258.0	191.8	202.2	133.5	67.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)