

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: P181087

Luminaire Tested: **ICM-E04-LED-E1-SLR-7030**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P181087  
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-E04-LED-E1-SLR-7030  
Description: ICON SITE MEDIUM LED LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (84) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9456.3 lumens  
Efficiency: N/A  
Efficacy: 97.3 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.67' x L: 1' x H: 0.1')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B2 - U0 - G3  
  
Input Watts (W): 97.2  
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

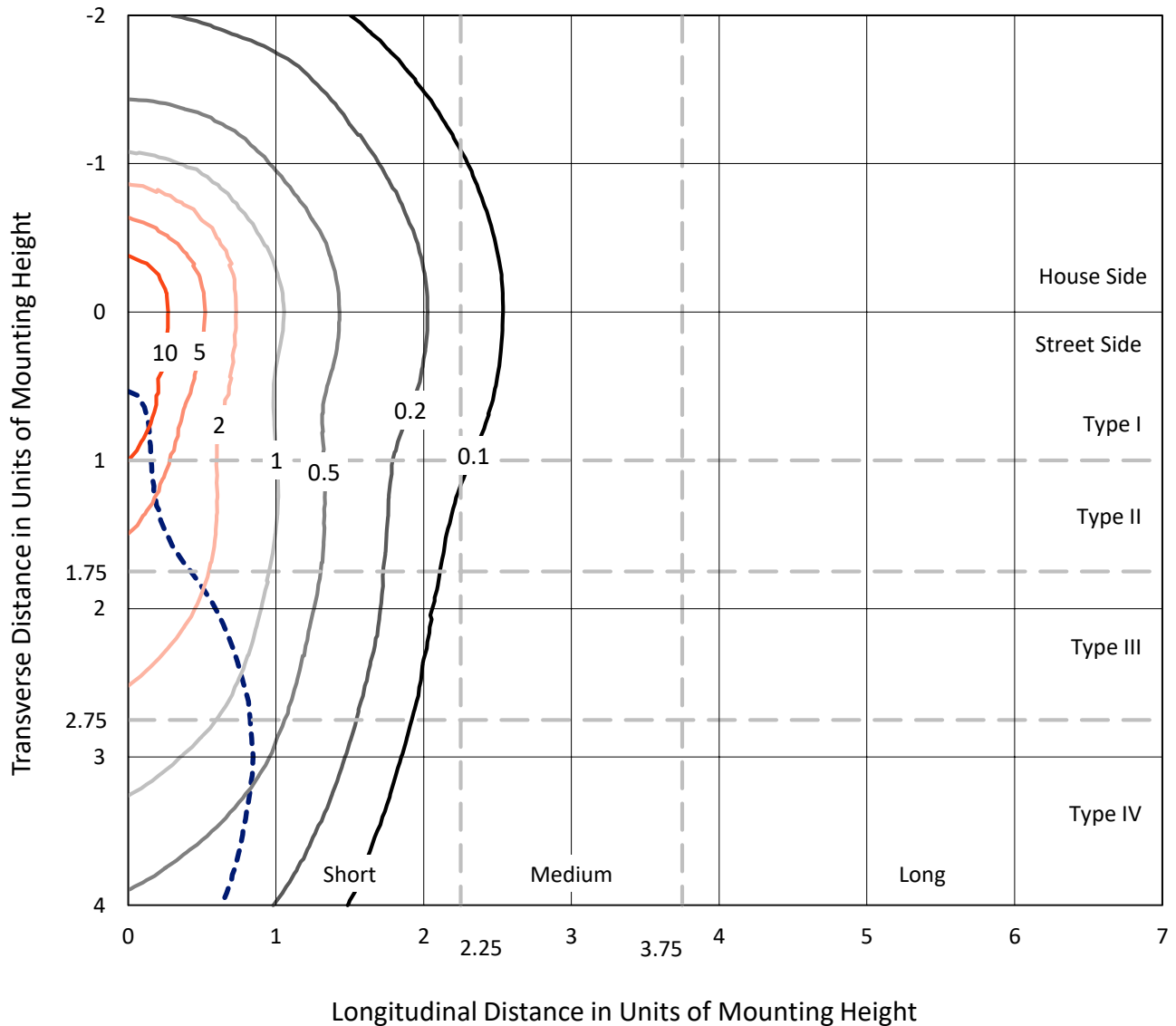


REPORT NUMBER: P181087

CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

### Iso-Footcandle Lines of Horizontal Illumination

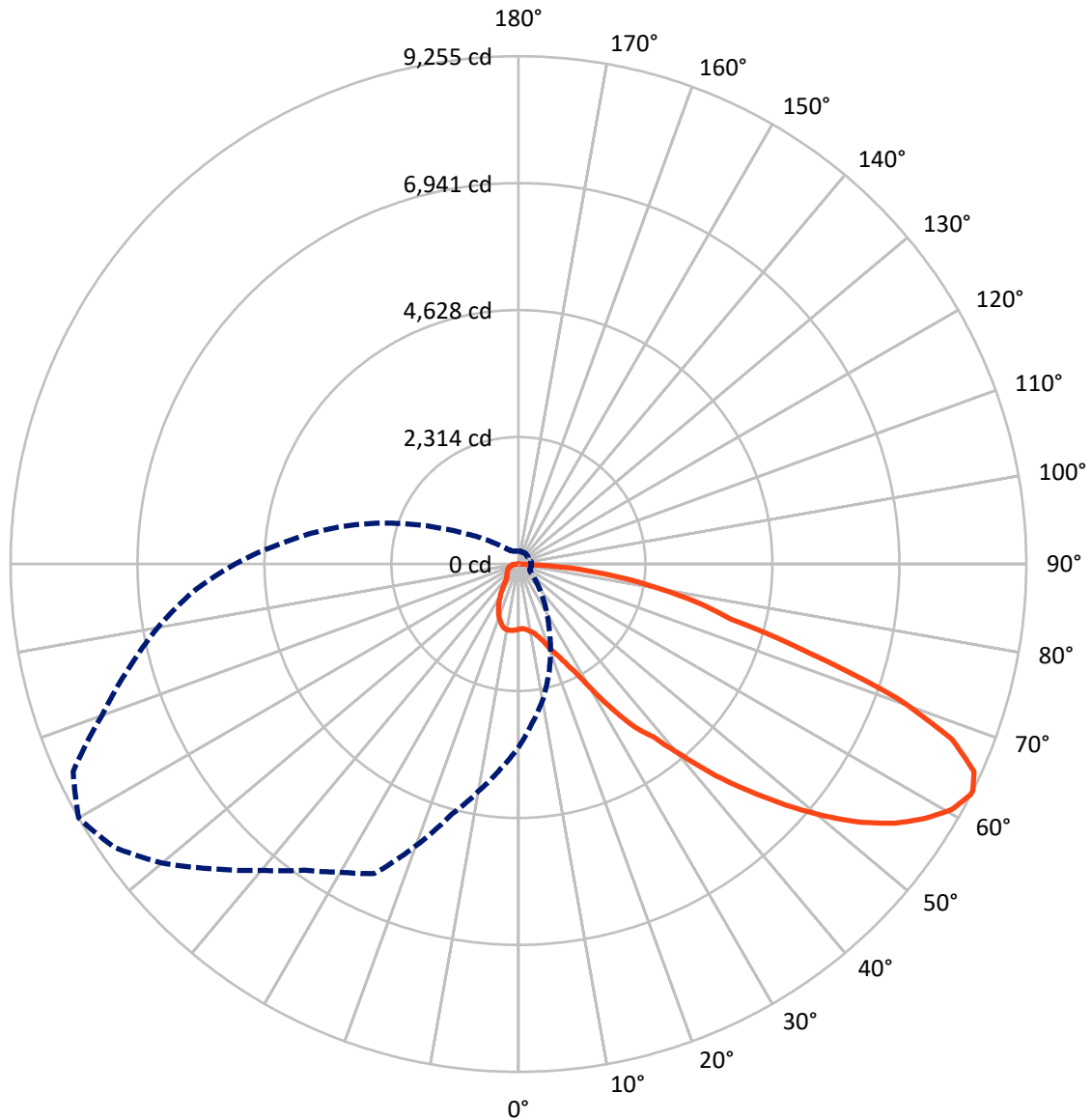
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 14.9 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P181087  
CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P181087

CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2050.6	0.0	2050.6
	% Fixture	21.7	0.0	21.7
<b>Street Side</b>	Lumens	7405.7	0.0	7405.7
	% Fixture	78.3	0.0	78.3
<b>Total</b>	Lumens	9456.3	0.0	9456.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	115.7	1.2
10°-20°	360.3	3.8
20°-30°	640.1	6.8
30°-40°	1007.9	10.7
40°-50°	1483.3	15.7
50°-60°	1970.3	20.8
60°-70°	2170.3	23.0
70°-80°	1361.6	14.4
80°-90°	346.8	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°	9456.3	100.0
0°-180°	9456.3	100.0

**Coefficient of Utilization**



REPORT NUMBER: P181087

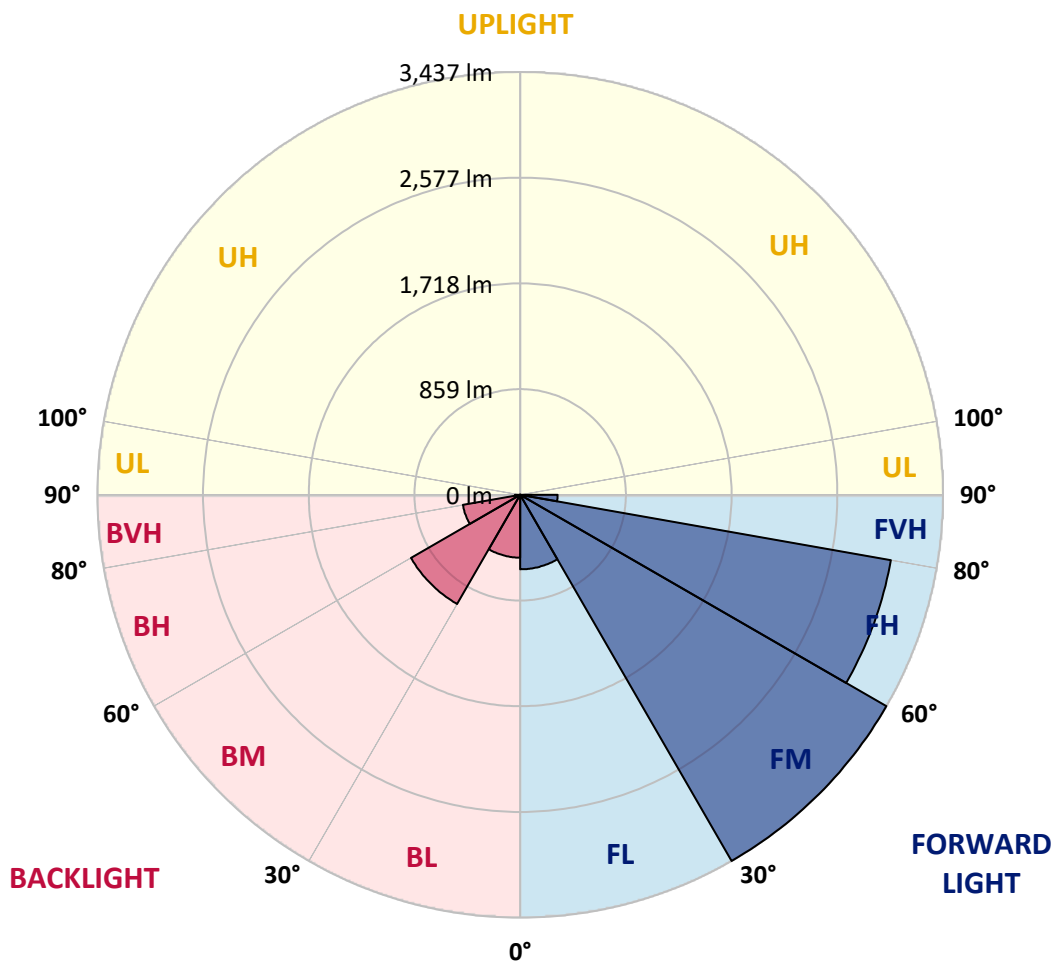
CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	605.5	6.4			
FM (30°-60°)	3436.6	36.3			
FH (60°-80°)	3059.3	32.4			G2/5000
FVH (80°-90°)	304.3	3.2			G3/500
BL (0°-30°)	510.5	5.4	B2/1000		
BM (30°-60°)	1024.9	10.8	B2/2500		
BH (60°-80°)	472.7	5.0	B1/500		G1/500
BVH (80°-90°)	42.5	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: P181087

CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4
2.5°	1172.5	1175.9	1174.8	1174.8	1177.0	1175.9	1175.9	1177.0	1177.0	1180.4	1184.9
5°	1163.4	1162.3	1160.0	1162.3	1162.3	1162.3	1157.8	1161.1	1162.3	1164.6	1164.6
7.5°	1174.8	1171.4	1166.8	1168.0	1168.0	1165.7	1162.3	1163.4	1162.3	1162.3	1161.1
10°	1189.5	1181.6	1175.9	1175.9	1175.9	1173.6	1168.0	1171.4	1171.4	1170.2	1171.4
12.5°	1215.5	1206.5	1199.7	1197.4	1197.4	1194.1	1189.5	1194.1	1191.7	1191.7	1189.5
15°	1258.6	1248.4	1240.5	1233.7	1234.8	1234.8	1229.1	1225.8	1221.2	1215.5	1204.2
17.5°	1323.2	1311.8	1301.7	1296.0	1297.1	1289.2	1273.3	1257.5	1235.9	1214.4	1190.6
20°	1414.9	1411.5	1398.0	1392.3	1378.7	1359.5	1315.3	1277.9	1235.9	1195.2	1154.3
22.5°	1573.5	1557.7	1544.1	1522.5	1477.2	1424.0	1350.3	1284.7	1219.0	1161.1	1106.8
25°	1786.5	1758.2	1691.4	1625.6	1532.8	1437.6	1337.9	1252.9	1171.4	1095.4	1028.7
27.5°	1996.1	1910.0	1791.0	1672.1	1536.1	1411.5	1286.9	1186.1	1090.9	1008.2	934.6
30°	2249.9	2104.9	1922.4	1734.4	1541.8	1374.1	1224.6	1106.8	996.9	909.7	832.7
32.5°	2487.7	2278.2	2039.1	1792.2	1554.2	1339.0	1153.2	1019.5	906.2	796.4	720.5
35°	2650.9	2379.0	2088.9	1797.8	1523.6	1272.2	1063.7	906.2	793.0	691.1	601.6
37.5°	2748.3	2423.2	2091.3	1757.0	1452.3	1181.6	950.4	794.1	689.9	592.5	522.2
40°	2809.4	2433.3	2061.8	1698.1	1361.7	1067.2	837.2	696.7	601.6	523.4	469.0
42.5°	2838.9	2417.5	2014.2	1623.4	1270.0	965.2	757.9	625.3	542.6	487.2	446.3
45°	2843.5	2389.1	1963.2	1555.4	1188.4	891.5	703.5	595.9	527.9	481.5	440.7
47.5°	2843.5	2364.2	1922.4	1505.6	1135.1	859.8	699.0	608.4	541.5	489.4	440.7
50°	2845.7	2356.3	1905.4	1480.7	1117.0	876.8	737.5	646.9	571.0	503.0	439.5
52.5°	2855.9	2366.5	1919.1	1499.9	1149.9	944.7	810.0	704.7	609.5	518.9	439.5
55°	2878.5	2400.5	1976.8	1566.7	1238.2	1047.9	897.2	767.0	640.1	525.7	432.7
57.5°	2942.0	2486.6	2082.2	1695.8	1388.8	1166.8	976.5	811.1	651.4	520.0	419.2
60°	3068.9	2657.7	2262.2	1877.1	1548.6	1268.8	1023.0	818.0	641.2	501.9	397.6
62.5°	3271.6	2853.6	2480.9	2074.2	1690.2	1325.4	1028.7	800.9	614.0	469.0	365.9
63°	3341.9	2902.3	2527.4	2111.6	1708.3	1330.0	1024.1	794.1	607.2	459.9	361.4
65°	3537.9	3107.4	2688.2	2243.0	1759.3	1331.1	999.2	760.1	575.4	424.8	329.7
67.5°	3903.7	3377.0	2891.0	2346.2	1777.4	1294.8	935.7	696.7	508.7	370.4	290.0
70°	4134.9	3527.6	2969.2	2348.4	1724.2	1191.7	825.9	593.6	423.7	307.0	249.2
72.5°	4074.8	3379.3	2763.0	2136.6	1494.2	995.7	663.8	466.7	330.8	245.9	207.4
75°	3490.3	2812.9	2254.3	1655.1	1129.4	731.8	486.0	333.0	244.7	192.6	173.3
77.5°	2512.7	2024.4	1616.6	1179.3	761.3	473.5	322.9	237.9	185.8	158.6	142.7
80°	1600.8	1187.3	988.9	709.1	445.2	293.4	222.0	180.1	152.9	132.6	122.3
82.5°	836.0	585.7	475.8	362.5	247.0	193.7	163.2	147.3	125.8	109.9	104.2
85°	521.1	345.5	256.0	179.0	123.4	111.0	102.0	99.7	89.5	79.3	75.9
87.5°	58.9	53.2	55.5	35.2	26.0	28.3	27.2	36.3	35.2	26.0	27.2
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: P181087

CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4
2.5°	1180.4	1182.7	1182.7	1186.1	1186.1	1188.4	1190.6	1190.6	1192.8	1194.1	1196.3
5°	1166.8	1166.8	1166.8	1171.4	1172.5	1179.3	1181.6	1183.8	1186.1	1194.1	1198.5
7.5°	1163.4	1158.9	1161.1	1161.1	1164.6	1170.2	1175.9	1179.3	1182.7	1192.8	1199.7
10°	1170.2	1166.8	1163.4	1163.4	1164.6	1166.8	1171.4	1174.8	1177.0	1187.3	1192.8
12.5°	1188.4	1180.4	1173.6	1168.0	1163.4	1162.3	1160.0	1161.1	1163.4	1169.1	1177.0
15°	1191.7	1177.0	1162.3	1147.5	1136.3	1129.4	1123.8	1121.5	1121.5	1124.9	1134.0
17.5°	1169.1	1144.2	1122.6	1103.4	1090.9	1078.4	1072.8	1068.3	1066.1	1070.5	1071.6
20°	1120.4	1090.9	1061.5	1038.8	1016.2	1012.8	1003.7	1006.0	1008.2	1015.0	1018.4
22.5°	1053.6	1018.4	982.1	958.4	940.3	924.4	914.2	918.7	922.1	928.9	932.3
25°	972.0	921.0	882.5	858.7	839.4	825.9	814.5	819.1	814.5	822.4	834.9
27.5°	875.7	815.6	774.9	747.6	734.1	722.8	711.4	711.4	722.8	722.8	732.9
30°	759.0	714.8	661.6	633.3	616.3	609.5	608.4	606.1	614.0	618.5	629.9
32.5°	649.1	594.7	543.7	516.6	501.9	494.0	495.1	496.2	499.5	506.4	524.5
35°	538.1	490.5	454.2	423.7	408.9	394.2	394.2	392.0	395.4	403.3	424.8
37.5°	466.7	424.8	396.5	372.7	358.0	348.9	341.0	337.6	337.6	341.0	348.9
40°	427.1	396.5	370.4	350.0	336.5	328.6	324.0	320.6	318.3	318.3	319.4
42.5°	408.9	377.2	351.2	333.0	322.9	318.3	317.2	316.1	312.7	311.5	310.4
45°	399.9	363.6	334.2	319.4	311.5	309.3	310.4	310.4	309.3	307.0	302.5
47.5°	393.1	351.2	321.8	308.1	304.7	304.7	304.7	304.7	303.6	302.5	299.1
50°	381.8	331.9	300.2	290.0	287.7	287.7	288.8	288.8	291.2	288.8	286.6
52.5°	369.3	313.8	282.0	273.0	271.9	270.8	270.8	270.8	271.9	271.9	270.8
55°	355.7	300.2	273.0	266.2	267.4	266.2	265.1	263.9	263.9	262.8	260.6
57.5°	342.1	288.8	266.2	261.7	262.8	262.8	260.6	258.3	257.1	253.8	251.5
60°	321.8	273.0	252.7	250.3	253.8	253.8	253.8	252.7	252.7	251.5	245.9
62.5°	294.5	250.3	234.5	235.6	236.7	239.1	239.1	239.1	239.1	236.7	231.1
63°	288.8	245.9	231.1	231.1	234.5	234.5	235.6	234.5	235.6	233.4	226.6
65°	266.2	231.1	219.8	220.9	223.2	223.2	223.2	222.0	222.0	218.6	215.3
67.5°	240.2	212.9	206.1	207.4	208.5	210.7	209.6	209.6	210.7	208.5	205.0
70°	210.7	193.7	189.2	190.3	191.4	191.4	190.3	190.3	191.4	189.2	185.8
72.5°	188.1	181.2	177.9	177.9	175.6	175.6	173.3	172.2	171.1	171.1	167.6
75°	158.6	157.5	158.6	160.8	158.6	156.4	155.2	151.8	149.5	149.5	148.4
77.5°	135.9	135.9	138.2	141.6	142.7	142.7	139.3	133.7	132.6	132.6	132.6
80°	117.9	115.5	115.5	119.0	122.3	121.2	115.5	109.9	109.9	115.5	116.7
82.5°	103.1	103.1	99.7	100.8	99.7	98.5	92.9	89.5	88.4	92.9	97.4
85°	81.6	82.7	81.6	80.5	79.3	75.9	71.3	68.0	66.9	71.3	78.1
87.5°	32.8	31.7	30.6	31.7	30.6	32.8	31.7	29.5	28.3	31.7	38.5
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: P181087

CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4
2.5°	1197.4	1199.7	1202.0	1202.0	1204.2	1203.1	1204.2	1205.3	1205.3	1206.5	1206.5
5°	1204.2	1207.6	1212.1	1216.7	1217.8	1221.2	1224.6	1222.3	1225.8	1230.2	1230.2
7.5°	1206.5	1214.4	1217.8	1224.6	1225.8	1230.2	1238.2	1232.6	1239.4	1242.7	1243.8
10°	1203.1	1211.0	1216.7	1224.6	1228.0	1235.9	1243.8	1241.6	1249.5	1255.2	1256.3
12.5°	1182.7	1190.6	1203.1	1214.4	1223.4	1235.9	1250.7	1246.1	1257.5	1264.3	1267.6
15°	1143.1	1151.0	1164.6	1182.7	1199.7	1219.0	1238.2	1241.6	1252.9	1260.8	1264.3
17.5°	1080.8	1090.9	1105.7	1124.9	1146.4	1179.3	1204.2	1216.7	1232.6	1237.0	1242.7
20°	1023.0	1033.1	1042.2	1053.6	1069.4	1101.1	1134.0	1158.9	1179.3	1196.3	1200.8
22.5°	946.0	955.0	966.3	975.4	986.7	1009.4	1036.6	1064.8	1096.6	1106.8	1118.1
25°	853.0	858.7	874.5	880.2	888.2	907.4	928.9	949.3	979.9	1001.4	1007.1
27.5°	753.3	759.0	773.8	777.1	787.4	805.5	821.3	829.2	857.6	880.2	898.3
30°	637.8	652.6	670.6	672.9	684.3	695.5	710.3	718.2	744.3	768.1	790.7
32.5°	538.1	552.8	567.5	576.7	582.2	591.4	606.1	614.0	638.9	660.5	683.1
35°	436.2	454.2	470.1	482.6	487.2	498.4	509.8	517.7	543.7	563.0	578.9
37.5°	359.1	372.7	389.7	402.1	414.6	422.5	436.2	447.4	463.4	473.5	490.5
40°	321.8	328.6	337.6	347.8	358.0	367.1	377.2	386.3	396.5	410.0	421.4
42.5°	309.3	310.4	310.4	313.8	319.4	324.0	333.0	339.8	346.6	356.8	362.5
45°	300.2	299.1	296.8	294.5	295.6	298.0	303.6	308.1	316.1	320.6	321.8
47.5°	295.6	291.2	286.6	283.3	282.0	283.3	287.7	292.3	296.8	300.2	301.3
50°	280.9	277.6	270.8	266.2	263.9	266.2	271.9	274.1	278.7	282.0	283.3
52.5°	266.2	261.7	257.1	252.7	252.7	253.8	258.3	262.8	267.4	268.5	270.8
55°	257.1	250.3	245.9	242.4	240.2	243.5	247.0	252.7	258.3	259.4	261.7
57.5°	248.1	241.3	236.7	233.4	231.1	234.5	237.9	245.9	252.7	252.7	252.7
60°	242.4	236.7	230.0	226.6	223.2	226.6	231.1	239.1	245.9	244.7	243.5
62.5°	226.6	220.9	217.5	217.5	214.1	219.8	224.3	233.4	234.5	232.2	230.0
63°	222.0	217.5	215.3	215.3	212.9	218.6	223.2	231.1	231.1	228.8	226.6
65°	210.7	207.4	205.0	207.4	207.4	212.9	214.1	219.8	218.6	215.3	214.1
67.5°	201.7	199.4	197.1	197.1	197.1	198.2	199.4	201.7	200.6	199.4	200.6
70°	186.9	185.8	183.5	183.5	182.4	182.4	182.4	183.5	183.5	184.7	185.8
72.5°	168.8	166.5	166.5	167.6	165.4	166.5	167.6	166.5	168.8	168.8	170.0
75°	148.4	147.3	149.5	151.8	150.7	150.7	151.8	151.8	152.9	152.9	154.0
77.5°	132.6	133.7	134.8	137.1	138.2	138.2	138.2	137.1	138.2	138.2	139.3
80°	117.9	120.1	122.3	124.7	125.8	125.8	125.8	124.7	124.7	124.7	124.7
82.5°	106.5	109.9	112.2	113.3	113.3	113.3	113.3	113.3	113.3	111.0	108.7
85°	89.5	96.3	96.3	97.4	94.0	91.7	89.5	90.6	91.7	87.3	86.1
87.5°	45.3	45.3	47.5	49.9	51.0	51.0	57.8	54.4	53.2	52.1	49.9
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: P181087

CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4
2.5°	1207.6	1206.5	1208.8	1206.5	1207.6	1208.8	1206.5	1209.9	1212.1	1208.8	1205.3
5°	1232.6	1232.6	1238.2	1240.5	1241.6	1248.4	1245.0	1247.3	1249.5	1248.4	1249.5
7.5°	1248.4	1252.9	1258.6	1264.3	1265.4	1271.1	1270.0	1273.3	1275.5	1281.2	1281.2
10°	1262.0	1267.6	1275.5	1281.2	1286.9	1291.4	1293.7	1300.5	1301.7	1306.1	1306.1
12.5°	1274.4	1281.2	1289.2	1298.2	1303.9	1312.9	1314.1	1324.3	1327.7	1328.8	1325.4
15°	1272.2	1280.1	1289.2	1299.4	1309.6	1320.9	1327.7	1337.9	1343.5	1345.8	1340.2
17.5°	1250.7	1257.5	1268.8	1282.4	1294.8	1309.6	1322.1	1336.8	1345.8	1348.1	1347.0
20°	1208.8	1213.3	1228.0	1246.1	1260.8	1283.5	1301.7	1324.3	1339.0	1350.3	1353.8
22.5°	1126.1	1137.4	1152.1	1172.5	1194.1	1222.3	1248.4	1281.2	1312.9	1340.2	1367.4
25°	1026.3	1046.7	1069.4	1096.6	1122.6	1152.1	1181.6	1219.0	1265.4	1322.1	1386.6
27.5°	925.5	960.7	988.9	1024.1	1054.7	1084.1	1117.0	1157.8	1208.8	1276.8	1359.5
30°	823.5	863.3	893.8	934.6	975.4	1015.0	1047.9	1090.9	1140.8	1209.9	1300.5
32.5°	714.8	754.5	790.7	828.1	873.4	921.0	960.7	1013.9	1067.2	1138.5	1230.2
35°	602.7	637.8	668.4	708.0	757.9	808.8	860.9	922.1	979.9	1054.7	1152.1
37.5°	505.2	530.1	559.6	594.7	633.3	687.6	746.5	819.1	884.7	966.3	1066.1
40°	424.8	438.4	455.4	484.8	520.0	573.2	631.0	708.0	787.4	876.8	973.1
42.5°	362.5	369.3	373.9	393.1	421.4	473.5	529.0	603.8	691.1	788.5	885.9
45°	321.8	325.1	326.2	336.5	356.8	402.1	459.9	523.4	607.2	702.3	804.3
47.5°	302.5	305.9	308.1	310.4	322.9	358.0	410.0	470.1	547.2	634.4	738.6
50°	286.6	290.0	293.4	292.3	298.0	320.6	364.7	420.3	492.7	573.2	676.3
52.5°	270.8	273.0	273.0	273.0	276.4	291.2	322.9	373.9	440.7	516.6	618.5
55°	261.7	263.9	265.1	266.2	267.4	275.3	299.1	339.8	397.6	467.9	559.6
57.5°	252.7	253.8	256.0	257.1	259.4	263.9	278.7	308.1	356.8	415.7	492.7
60°	244.7	247.0	251.5	252.7	254.9	256.0	262.8	280.9	312.7	358.0	420.3
62.5°	232.2	235.6	240.2	241.3	243.5	244.7	245.9	256.0	270.8	298.0	344.4
63°	228.8	232.2	237.9	239.1	240.2	240.2	241.3	248.1	261.7	285.5	319.4
65°	216.4	220.9	224.3	225.4	226.6	226.6	225.4	227.7	228.8	239.1	259.4
67.5°	202.8	206.1	208.5	209.6	208.5	209.6	208.5	206.1	203.9	206.1	215.3
70°	189.2	191.4	191.4	192.6	193.7	194.9	192.6	190.3	188.1	186.9	192.6
72.5°	173.3	175.6	175.6	176.7	176.7	179.0	179.0	177.9	177.9	179.0	180.1
75°	157.5	159.7	158.6	160.8	160.8	164.3	164.3	165.4	167.6	166.5	165.4
77.5°	142.7	143.9	143.9	145.0	146.1	151.8	155.2	156.4	156.4	154.0	151.8
80°	126.9	126.9	124.7	123.4	124.7	130.2	137.1	138.2	141.6	140.5	141.6
82.5°	106.5	102.0	98.5	98.5	100.8	104.2	106.5	108.7	111.0	111.0	113.3
85°	81.6	77.0	73.7	74.8	78.1	79.3	78.1	78.1	82.7	86.1	82.7
87.5°	48.7	44.2	42.0	38.5	39.6	43.1	42.0	38.5	39.6	31.7	29.5
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: P181087

CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4
2.5°	1207.6	1206.5	1204.2	1200.8	1199.7	1197.4	1198.5	1195.2	1192.8	1190.6	1187.3
5°	1249.5	1249.5	1242.7	1242.7	1239.4	1238.2	1230.2	1226.9	1220.1	1222.3	1214.4
7.5°	1279.0	1282.4	1274.4	1273.3	1268.8	1267.6	1257.5	1254.1	1248.4	1246.1	1239.4
10°	1300.5	1300.5	1290.3	1282.4	1276.8	1271.1	1260.8	1256.3	1251.8	1252.9	1248.4
12.5°	1317.5	1309.6	1294.8	1283.5	1275.5	1270.0	1262.0	1258.6	1257.5	1265.4	1266.5
15°	1331.1	1319.7	1301.7	1293.7	1286.9	1285.8	1285.8	1289.2	1297.1	1311.8	1323.2
17.5°	1339.0	1332.2	1323.2	1320.9	1332.2	1339.0	1348.1	1358.2	1369.6	1390.0	1402.4
20°	1353.8	1358.2	1365.0	1374.1	1392.3	1409.2	1420.6	1435.4	1448.9	1473.9	1494.2
22.5°	1392.3	1418.3	1439.8	1458.0	1485.1	1508.9	1523.6	1544.1	1554.2	1571.3	1603.0
25°	1442.1	1495.4	1540.7	1579.2	1621.1	1646.1	1666.4	1692.5	1708.3	1736.7	1764.9
27.5°	1427.4	1503.3	1571.3	1642.6	1700.4	1764.9	1810.2	1853.3	1880.5	1922.4	1959.8
30°	1382.1	1472.7	1564.5	1658.5	1750.2	1843.2	1929.2	2007.4	2067.5	2127.5	2188.7
32.5°	1320.9	1425.1	1537.3	1652.8	1772.9	1902.1	2021.0	2138.8	2238.5	2325.7	2410.7
35°	1250.7	1368.5	1485.1	1627.9	1776.3	1940.6	2106.0	2269.1	2420.9	2575.0	2679.2
37.5°	1166.8	1286.9	1417.2	1581.4	1755.9	1958.7	2169.4	2382.3	2597.6	2804.9	2985.0
40°	1077.3	1199.7	1336.8	1514.6	1711.7	1947.4	2210.2	2496.8	2792.5	3092.7	3331.7
42.5°	998.1	1123.8	1273.3	1453.4	1667.5	1932.7	2243.0	2595.4	2956.8	3328.3	3679.5
45°	921.0	1059.2	1216.7	1410.4	1648.3	1943.9	2291.7	2687.1	3104.0	3554.9	3983.1
47.5°	851.9	992.4	1145.3	1357.1	1620.0	1949.6	2339.4	2778.9	3243.4	3731.6	4240.2
50°	789.6	925.5	1076.2	1289.2	1575.8	1946.2	2382.3	2861.6	3363.4	3870.9	4438.4
52.5°	728.4	866.6	1020.7	1223.4	1521.4	1927.0	2402.8	2929.5	3474.4	4011.4	4598.3
55°	668.4	804.3	959.5	1161.1	1450.1	1877.1	2400.5	2973.7	3562.8	4143.9	4752.3
57.5°	598.1	727.3	879.1	1092.1	1374.1	1800.1	2366.5	2994.1	3638.7	4275.4	4937.0
60°	510.9	632.1	778.2	991.3	1274.4	1701.5	2295.2	2982.8	3682.9	4372.8	5094.4
62.5°	403.3	508.7	642.3	850.8	1149.9	1559.9	2161.5	2879.6	3612.7	4359.2	5168.0
63°	380.7	480.3	610.6	816.7	1096.6	1521.4	2121.8	2838.9	3578.6	4330.9	5157.8
65°	305.9	370.4	474.7	659.4	917.6	1332.2	1924.7	2629.3	3396.3	4131.5	5010.5
67.5°	234.5	267.4	322.9	452.0	649.1	1047.9	1558.8	2228.3	2947.6	3638.7	4535.9
70°	200.6	215.3	239.1	300.2	412.4	661.6	1094.3	1661.9	2284.9	2884.2	3690.8
72.5°	182.4	189.2	201.7	227.7	283.3	396.5	697.9	1081.9	1554.2	2056.1	2679.2
75°	167.6	173.3	183.5	197.1	217.5	263.9	397.6	661.6	1010.5	1350.3	1808.0
77.5°	152.9	156.4	167.6	180.1	193.7	217.5	262.8	380.7	581.1	796.4	1089.8
80°	140.5	138.2	146.1	166.5	180.1	193.7	207.4	247.0	330.8	436.2	589.1
82.5°	112.2	114.4	121.2	141.6	147.3	143.9	146.1	152.9	184.7	201.7	301.3
85°	75.9	70.2	69.1	71.3	71.3	68.0	68.0	66.9	73.7	83.8	143.9
87.5°	20.4	10.2	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: P181087  
 CATALOG NUMBER: ICM-E04-LED-E1-SLR-7030

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	0°
2.5°	1184.9	1183.8	1184.9	1179.3	1179.3	1178.1	1177.0	1174.8	1174.8	1170.2	1173.6	2.5°
5°	1207.6	1205.3	1200.8	1194.1	1190.6	1186.1	1186.1	1181.6	1178.1	1173.6	1174.8	5°
7.5°	1233.7	1234.8	1226.9	1221.2	1219.0	1214.4	1215.5	1208.8	1209.9	1206.5	1204.2	7.5°
10°	1248.4	1248.4	1250.7	1249.5	1251.8	1251.8	1255.2	1250.7	1248.4	1245.0	1245.0	10°
12.5°	1272.2	1276.8	1285.8	1285.8	1292.6	1294.8	1296.0	1298.2	1293.7	1291.4	1283.5	12.5°
15°	1331.1	1342.4	1350.3	1361.7	1375.3	1379.8	1379.8	1375.3	1373.0	1369.6	1354.9	15°
17.5°	1428.5	1453.4	1460.2	1478.3	1480.7	1486.3	1502.1	1493.1	1487.5	1463.6	1459.1	17.5°
20°	1528.2	1559.9	1591.6	1614.3	1625.6	1648.3	1651.7	1647.2	1624.5	1601.9	1591.6	20°
22.5°	1648.3	1695.8	1732.1	1767.3	1784.2	1795.5	1820.5	1814.8	1796.7	1762.7	1749.1	22.5°
25°	1818.2	1877.1	1915.6	1958.7	1981.3	1992.7	2017.6	2017.6	1998.3	1988.1	1987.0	25°
27.5°	2032.3	2104.9	2168.3	2183.0	2241.9	2255.5	2279.3	2279.3	2261.1	2248.7	2308.8	27.5°
30°	2270.2	2346.2	2456.0	2529.6	2601.0	2671.3	2670.2	2674.6	2696.2	2707.5	2733.6	30°
32.5°	2508.1	2602.2	2718.8	2878.5	3031.5	3161.8	3330.5	3438.2	3405.3	3313.6	3277.3	32.5°
35°	2796.9	2901.2	3042.8	3203.6	3483.5	3652.3	3733.9	3791.7	3798.4	3810.9	3837.0	35°
37.5°	3118.7	3293.1	3457.4	3639.8	3795.0	4000.1	4189.2	4341.0	4376.2	4447.6	4406.7	37.5°
40°	3525.4	3720.3	3892.5	4128.1	4336.5	4583.5	4854.3	5062.7	5146.5	5119.3	4915.4	40°
42.5°	3951.4	4192.7	4394.3	4671.8	4942.6	5268.9	5548.7	5839.8	5891.9	5682.4	5377.6	42.5°
45°	4343.3	4642.4	4892.8	5181.6	5512.4	5903.3	6277.1	6576.1	6566.0	6206.8	5799.0	45°
47.5°	4695.7	5062.7	5368.6	5744.7	6100.4	6566.0	6995.3	7216.2	7085.9	6661.2	6161.5	47.5°
50°	4986.8	5444.4	5821.7	6202.4	6654.4	7215.1	7628.6	7753.2	7501.7	7039.5	6513.9	50°
52.5°	5221.2	5795.7	6219.3	6657.7	7228.7	7818.9	8174.6	8128.1	7803.0	7328.4	6805.0	52.5°
55°	5419.6	6064.1	6569.3	7087.1	7795.1	8338.8	8575.6	8451.0	7996.8	7515.3	7004.4	55°
57.5°	5624.6	6324.7	6891.1	7491.5	8280.0	8746.7	8878.1	8622.1	8088.5	7586.7	7090.5	57.5°
60°	5829.6	6542.2	7175.4	7845.0	8647.0	9079.8	9043.5	8660.6	8061.4	7534.6	7032.7	60°
62.5°	5967.9	6671.3	7340.8	8062.5	8922.3	9249.6	9027.7	8523.5	7903.9	7329.5	6860.5	62.5°
63°	5971.2	6675.9	7351.0	8077.2	8952.9	9255.3	8997.1	8474.8	7854.0	7287.6	6809.5	63°
65°	5899.9	6590.9	7260.4	8010.4	8926.8	9125.1	8733.1	8187.0	7569.6	6997.6	6544.4	65°
67.5°	5535.1	6239.7	6831.0	7537.9	8460.1	8516.7	8026.2	7585.5	7030.5	6438.0	5964.4	67.5°
70°	4799.8	5385.5	5965.5	6555.8	7329.5	7319.3	6858.3	6633.9	6147.9	5472.8	5093.2	70°
72.5°	3817.7	4343.3	4751.2	5146.5	5656.3	5553.2	5256.4	5318.7	5003.8	4499.7	4274.3	72.5°
75°	2834.3	3412.1	3611.5	3772.4	3987.7	3988.8	4070.4	4247.0	4242.5	3962.7	3678.3	75°
77.5°	1859.0	2491.1	2558.0	2687.1	2945.4	3296.6	3659.1	4048.8	4146.2	3925.3	3505.0	77.5°
80°	1036.6	1693.6	1616.6	1727.5	2006.2	2483.2	3017.9	3448.4	3702.2	3578.6	3133.4	80°
82.5°	530.1	976.5	933.5	1087.5	1312.9	1727.5	2081.0	2411.8	2710.9	2693.9	2525.1	82.5°
85°	275.3	534.7	608.4	688.7	802.1	950.4	1084.1	1180.4	1305.0	1524.8	1599.5	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.1	0.0	81.6	58.9	162.0	231.1	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: P181087

NUMBER: ICM-E04-LED-E1-SLR-7030

**DISTRIBUTION (continued):**

330°	335°	340°	345°	350°	355°	360°
1188.4	1188.4	1188.4	1188.4	1188.4	1188.4	1188.4
1174.8	1175.9	1173.6	1173.6	1174.8	1174.8	1172.5
1172.5	1172.5	1170.2	1168.0	1165.7	1165.7	1163.4
1198.5	1198.5	1190.6	1187.3	1181.6	1177.0	1174.8
1237.0	1230.2	1221.2	1214.4	1205.3	1195.2	1189.5
1275.5	1265.4	1254.1	1243.8	1232.6	1221.2	1215.5
1339.0	1325.4	1310.7	1298.2	1282.4	1265.4	1258.6
1436.5	1414.9	1395.6	1377.5	1349.2	1336.8	1323.2
1565.6	1533.9	1508.9	1478.3	1443.3	1431.9	1414.9
1722.0	1694.7	1644.8	1622.2	1587.1	1570.1	1573.5
1959.8	1924.7	1866.9	1845.4	1842.0	1804.7	1786.5
2270.2	2272.5	2219.3	2161.5	2129.8	2070.8	1996.1
2712.0	2681.4	2619.2	2560.2	2485.5	2374.4	2249.9
3246.7	3178.7	3075.6	2965.8	2833.2	2662.2	2487.7
3769.0	3650.1	3485.8	3302.3	3110.8	2897.8	2650.9
4227.7	4043.1	3797.3	3586.6	3315.8	3049.6	2748.3
4646.9	4418.1	4100.9	3827.8	3508.4	3166.3	2809.4
5052.5	4762.4	4373.9	4004.6	3643.2	3244.5	2838.9
5438.8	5065.0	4603.8	4164.3	3741.8	3295.5	2843.5
5735.6	5327.8	4810.1	4279.9	3809.8	3334.0	2843.5
6010.8	5549.8	4967.6	4370.5	3873.2	3360.0	2845.7
6225.0	5706.2	5069.5	4435.1	3923.0	3379.3	2855.9
6380.2	5808.1	5137.4	4474.7	3959.3	3406.4	2878.5
6489.0	5874.9	5174.8	4509.9	4003.5	3454.1	2942.0
6541.1	5998.5	5237.1	4580.1	4079.4	3554.9	3068.9
6501.4	6189.9	5415.0	4699.0	4184.8	3712.3	3271.6
6484.4	6225.0	5463.8	4725.1	4208.5	3746.3	3341.9
6351.9	6260.1	5664.2	4856.5	4321.8	3897.0	3537.9
5940.6	6121.9	5833.1	5078.5	4565.3	4262.9	3903.7
5408.2	5916.9	5802.5	5106.8	4720.6	4563.1	4134.9
4770.4	5297.1	5190.7	4729.6	4549.5	4566.5	4074.8
3754.3	4149.6	4079.4	3917.4	3953.6	4078.3	3490.3
3007.7	2954.4	2792.5	2803.8	3013.3	3159.5	2512.7
2457.1	1989.3	1778.5	1784.2	2150.2	2302.0	1600.8
2338.2	1881.7	1532.8	1339.0	1564.5	1506.7	836.0
1665.3	1668.7	1384.4	1124.9	1089.8	926.7	521.1
394.2	316.1	225.4	167.6	176.7	116.7	58.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)