

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: P181097

Luminaire Tested: **ICM-E05-LED-E1-SLR-7030**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P181097
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-E05-LED-E1-SLR-7030
Description: ICON SITE MEDIUM LED LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - 90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (105) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11820.3 lumens
Efficiency: N/A
Efficacy: 92.9 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

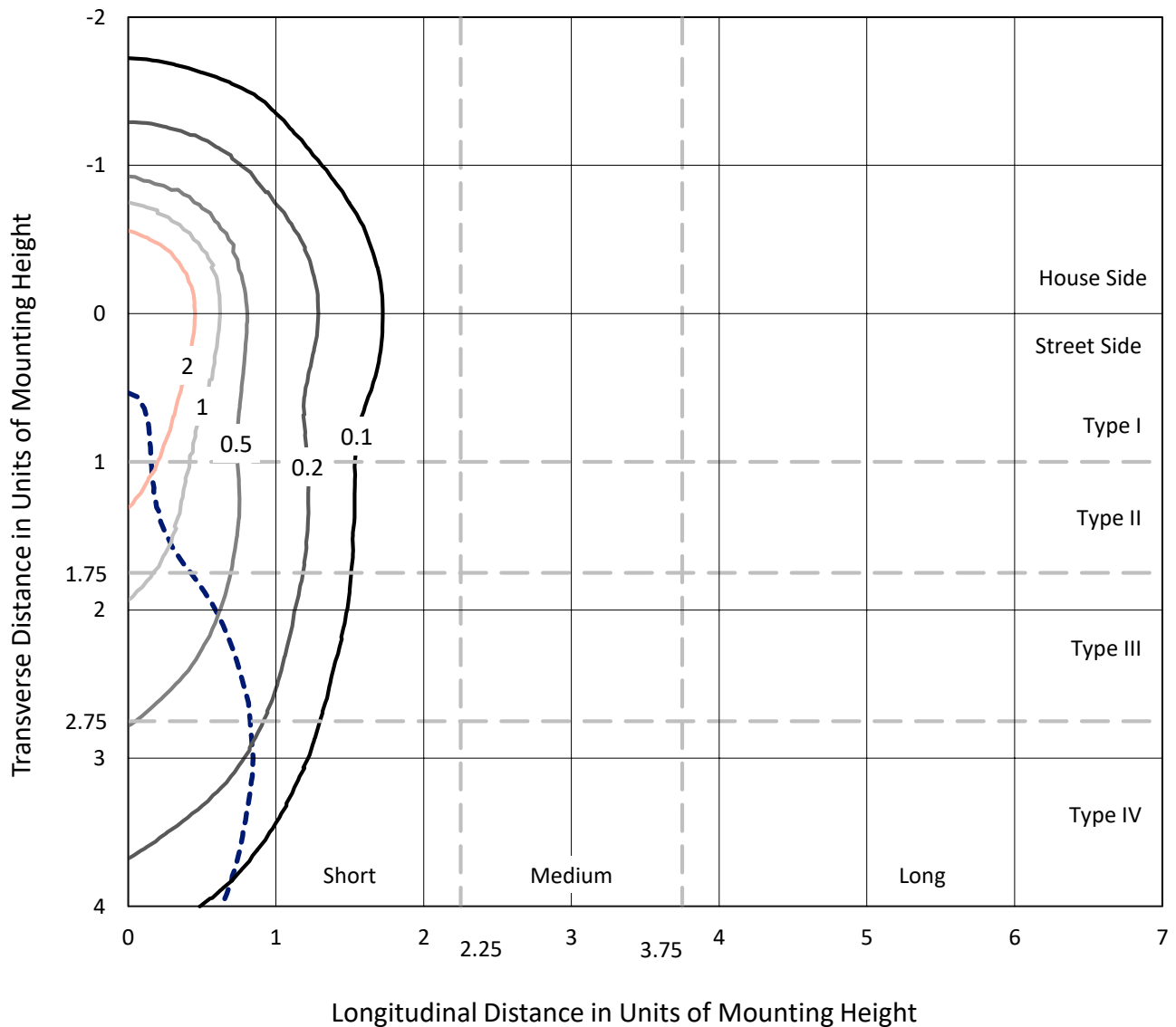
Input Watts (W): 127.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

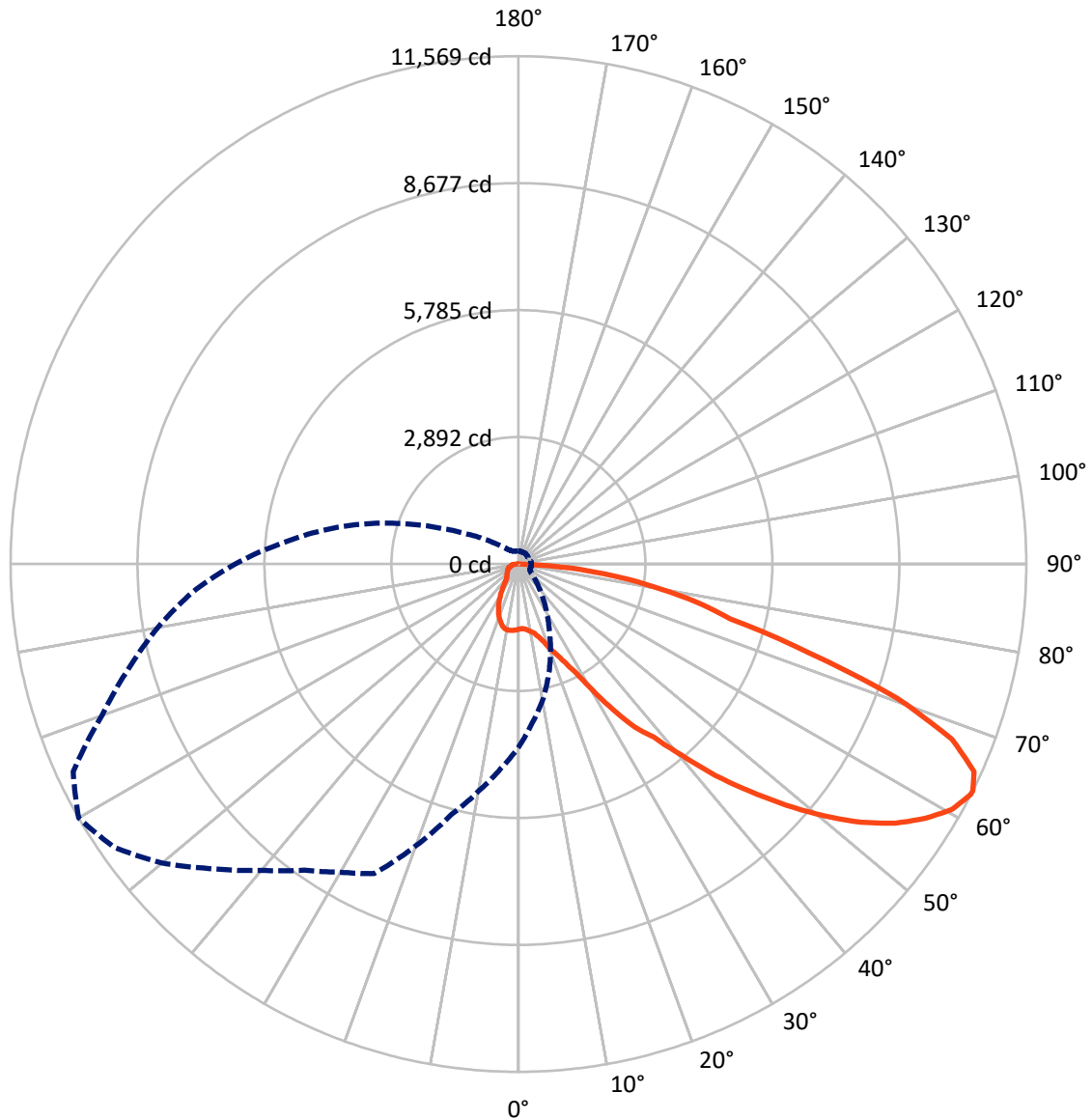
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.7 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	2563.2	0.0	2563.2
	% Fixture	21.7	0.0	21.7
Street Side	Lumens	9257.1	0.0	9257.1
	% Fixture	78.3	0.0	78.3
Total	Lumens	11820.3	0.0	11820.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.6	1.2
10°-20°	450.3	3.8
20°-30°	800.1	6.8
30°-40°	1259.9	10.7
40°-50°	1854.2	15.7
50°-60°	2462.9	20.8
60°-70°	2712.9	23.0
70°-80°	1702.0	14.4
80°-90°	433.5	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°	11820.3	100.0
0°-180°	11820.3	100.0



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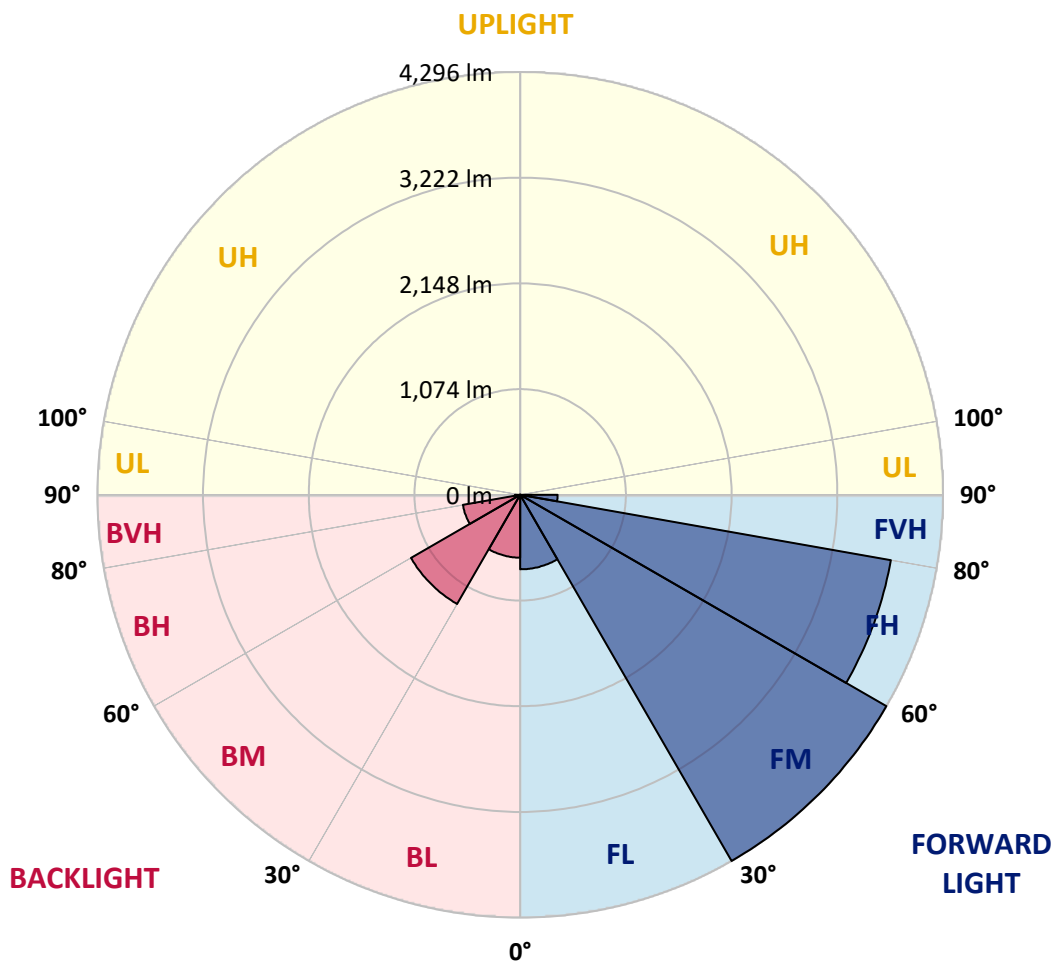
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	756.9	6.4			
FM	(30°-60°)	4295.8	36.3			
FH	(60°-80°)	3824.1	32.4			G2/5000
FVH	(80°-90°)	380.4	3.2			G3/500
BL	(0°-30°)	638.1	5.4	B2/1000		
BM	(30°-60°)	1281.1	10.8	B2/2500		
BH	(60°-80°)	590.8	5.0	B2/1000		G2/1000
BVH	(80°-90°)	53.1	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°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1465.6	1469.9	1468.5	1468.5	1471.3	1469.9	1469.9	1471.3	1471.3	1475.5	1481.2
5°	1454.3	1452.8	1450.1	1452.8	1452.8	1452.8	1447.2	1451.5	1452.8	1455.7	1455.7
7.5°	1468.5	1464.2	1458.5	1459.9	1459.9	1457.1	1452.8	1454.3	1452.8	1452.8	1451.5
10°	1486.9	1476.9	1469.9	1469.9	1469.9	1467.1	1459.9	1464.2	1464.2	1462.8	1464.2
12.5°	1519.5	1508.1	1499.6	1496.8	1496.8	1492.6	1486.9	1492.6	1489.7	1489.7	1486.9
15°	1573.2	1560.5	1550.6	1542.1	1543.5	1543.5	1536.4	1532.2	1526.5	1519.5	1505.3
17.5°	1654.0	1639.8	1627.1	1620.0	1621.4	1611.5	1591.6	1571.8	1544.9	1518.1	1488.3
20°	1768.7	1764.4	1747.5	1740.3	1723.4	1699.3	1644.0	1597.3	1544.9	1494.0	1443.0
22.5°	1966.9	1947.1	1930.1	1903.2	1846.5	1780.0	1687.9	1605.8	1523.6	1451.5	1383.5
25°	2233.1	2197.7	2114.2	2032.0	1915.9	1796.9	1672.4	1566.1	1464.2	1369.3	1285.8
27.5°	2495.1	2387.5	2238.8	2090.1	1920.2	1764.4	1608.7	1482.6	1363.6	1260.3	1168.3
30°	2812.3	2631.0	2403.1	2168.0	1927.3	1717.7	1530.8	1383.5	1246.1	1137.1	1040.8
32.5°	3109.7	2847.6	2548.9	2240.2	1942.8	1673.8	1441.6	1274.4	1132.8	995.4	900.7
35°	3313.6	2973.7	2611.2	2247.3	1904.6	1590.2	1329.7	1132.8	991.3	863.8	751.9
37.5°	3435.4	3028.9	2614.1	2196.3	1815.4	1476.9	1188.1	992.7	862.4	740.6	652.8
40°	3511.8	3041.7	2577.2	2122.7	1702.1	1334.0	1046.4	870.9	751.9	654.2	586.2
42.5°	3548.7	3021.9	2517.8	2029.2	1587.4	1206.5	947.4	781.7	678.3	608.9	558.0
45°	3554.3	2986.4	2454.1	1944.3	1485.4	1114.4	879.4	744.8	659.9	601.9	550.9
47.5°	3554.3	2955.3	2403.1	1882.0	1418.9	1074.8	873.7	760.4	676.8	611.7	550.9
50°	3557.1	2945.4	2381.8	1850.8	1396.2	1096.0	921.9	808.6	713.7	628.7	549.4
52.5°	3569.9	2958.2	2398.8	1874.9	1437.3	1181.0	1012.5	880.7	761.9	648.6	549.4
55°	3598.2	3000.6	2471.0	1958.4	1547.7	1309.9	1121.5	958.7	800.1	657.0	540.9
57.5°	3677.5	3108.2	2602.7	2119.8	1736.1	1458.5	1220.7	1013.9	814.2	650.0	523.9
60°	3836.1	3322.1	2827.8	2346.4	1935.7	1586.0	1278.7	1022.4	801.5	627.4	497.0
62.5°	4089.6	3567.0	3101.1	2592.8	2112.8	1656.8	1285.8	1001.1	767.5	586.2	457.4
63°	4177.3	3627.9	3159.2	2639.6	2135.5	1662.4	1280.1	992.7	759.0	574.9	451.7
65°	4422.4	3884.2	3360.3	2803.8	2199.2	1663.8	1248.9	950.1	719.4	531.0	412.1
67.5°	4879.8	4221.2	3613.8	2932.7	2221.8	1618.5	1169.7	870.9	635.8	463.1	362.5
70°	5168.6	4409.6	3711.5	2935.5	2155.3	1489.7	1032.3	742.1	529.6	383.7	311.5
72.5°	5093.5	4224.1	3453.8	2670.7	1867.7	1244.8	829.8	583.4	413.5	307.3	259.2
75°	4362.9	3516.0	2818.0	2068.8	1411.8	914.8	607.4	416.3	305.9	240.7	216.7
77.5°	3140.9	2530.5	2020.8	1474.1	951.6	591.9	403.5	297.4	232.2	198.2	178.4
80°	2000.8	1484.0	1236.2	886.4	556.5	366.8	277.6	225.1	191.2	165.7	152.9
82.5°	1045.0	732.1	594.7	453.1	308.7	242.1	203.9	184.1	157.2	137.4	130.2
85°	651.4	431.9	320.0	223.7	154.3	138.8	127.4	124.7	111.9	99.2	94.9
87.5°	73.7	66.5	69.4	43.9	32.6	35.4	34.0	45.3	43.9	32.6	34.0
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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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1475.5	1478.3	1478.3	1482.6	1482.6	1485.4	1488.3	1488.3	1491.1	1492.6	1495.4
5°	1458.5	1458.5	1458.5	1464.2	1465.6	1474.1	1476.9	1479.8	1482.6	1492.6	1498.1
7.5°	1454.3	1448.7	1451.5	1451.5	1455.7	1462.8	1469.9	1474.1	1478.3	1491.1	1499.6
10°	1462.8	1458.5	1454.3	1454.3	1455.7	1458.5	1464.2	1468.5	1471.3	1484.0	1491.1
12.5°	1485.4	1475.5	1467.1	1459.9	1454.3	1452.8	1450.1	1451.5	1454.3	1461.4	1471.3
15°	1489.7	1471.3	1452.8	1434.4	1420.3	1411.8	1404.8	1401.9	1401.9	1406.1	1417.5
17.5°	1461.4	1430.2	1403.4	1379.3	1363.6	1348.1	1341.0	1335.4	1332.5	1338.1	1339.5
20°	1400.5	1363.6	1326.8	1298.5	1270.2	1266.0	1254.6	1257.5	1260.3	1268.8	1273.0
22.5°	1316.9	1273.0	1227.7	1198.0	1175.4	1155.5	1142.8	1148.4	1152.7	1161.1	1165.4
25°	1215.0	1151.3	1103.1	1073.4	1049.3	1032.3	1018.1	1023.8	1018.1	1028.1	1043.6
27.5°	1094.6	1019.5	968.6	934.6	917.6	903.4	889.3	889.3	903.4	903.4	916.2
30°	948.7	893.5	827.0	791.5	770.3	761.9	760.4	757.6	767.5	773.1	787.4
32.5°	811.4	743.4	679.7	645.7	627.4	617.4	618.8	620.2	624.5	632.9	655.6
35°	672.7	613.1	567.8	529.6	511.2	492.7	492.7	490.0	494.2	504.1	531.0
37.5°	583.4	531.0	495.6	465.9	447.4	436.2	426.2	422.0	422.0	426.2	436.2
40°	533.9	495.6	463.1	437.6	420.6	410.7	405.0	400.7	398.0	398.0	399.4
42.5°	511.2	471.5	439.0	416.3	403.5	398.0	396.5	395.1	390.8	389.4	388.0
45°	499.9	454.5	417.8	399.4	389.4	386.6	388.0	388.0	386.6	383.7	378.0
47.5°	491.4	439.0	402.1	385.2	380.9	380.9	380.9	380.9	379.5	378.0	373.9
50°	477.2	414.9	375.3	362.5	359.7	359.7	361.1	361.1	363.9	361.1	358.2
52.5°	461.7	392.3	352.6	341.3	339.8	338.4	338.4	338.4	339.8	339.8	338.4
55°	444.7	375.3	341.3	332.7	334.2	332.7	331.4	330.0	330.0	328.6	325.7
57.5°	427.6	361.1	332.7	327.1	328.6	328.6	325.7	322.9	321.5	317.2	314.3
60°	402.1	341.3	315.8	312.9	317.2	317.2	317.2	315.8	315.8	314.3	307.3
62.5°	368.2	312.9	293.1	294.5	296.0	298.8	298.8	298.8	298.8	296.0	288.8
63°	361.1	307.3	288.8	288.8	293.1	293.1	294.5	293.1	294.5	291.7	283.3
65°	332.7	288.8	274.7	276.1	279.0	279.0	279.0	277.6	277.6	273.3	269.0
67.5°	300.2	266.2	257.7	259.2	260.6	263.4	262.0	262.0	263.4	260.6	256.3
70°	263.4	242.1	236.5	237.9	239.4	239.4	237.9	237.9	239.4	236.5	232.2
72.5°	235.1	226.6	222.3	222.3	219.4	219.4	216.7	215.3	213.9	213.9	209.6
75°	198.2	196.8	198.2	201.1	198.2	195.4	194.0	189.8	186.9	186.9	185.5
77.5°	170.0	170.0	172.7	177.0	178.4	178.4	174.1	167.1	165.7	165.7	165.7
80°	147.3	144.5	144.5	148.7	152.9	151.5	144.5	137.4	137.4	144.5	145.9
82.5°	128.8	128.8	124.7	126.0	124.7	123.2	116.1	111.9	110.4	116.1	121.8
85°	102.0	103.3	102.0	100.6	99.2	94.9	89.2	84.9	83.5	89.2	97.7
87.5°	41.0	39.6	38.2	39.6	38.2	41.0	39.6	36.8	35.4	39.6	48.2
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°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1496.8	1499.6	1502.4	1502.4	1505.3	1503.8	1505.3	1506.7	1506.7	1508.1	1508.1
5°	1505.3	1509.5	1515.2	1520.8	1522.2	1526.5	1530.8	1527.9	1532.2	1537.9	1537.9
7.5°	1508.1	1518.1	1522.2	1530.8	1532.2	1537.9	1547.7	1540.7	1549.1	1553.4	1554.8
10°	1503.8	1513.8	1520.8	1530.8	1535.0	1544.9	1554.8	1552.0	1561.9	1569.0	1570.4
12.5°	1478.3	1488.3	1503.8	1518.1	1529.3	1544.9	1563.4	1557.7	1571.8	1580.3	1584.6
15°	1428.8	1438.7	1455.7	1478.3	1499.6	1523.6	1547.7	1552.0	1566.1	1576.1	1580.3
17.5°	1350.9	1363.6	1382.1	1406.1	1433.0	1474.1	1505.3	1520.8	1540.7	1546.3	1553.4
20°	1278.7	1291.4	1302.8	1316.9	1336.8	1376.4	1417.5	1448.7	1474.1	1495.4	1501.0
22.5°	1182.4	1193.8	1207.9	1219.3	1233.4	1261.7	1295.7	1331.1	1370.7	1383.5	1397.7
25°	1066.3	1073.4	1093.2	1100.3	1110.1	1134.2	1161.1	1186.6	1224.8	1251.8	1258.9
27.5°	941.7	948.7	967.2	971.4	984.2	1006.8	1026.6	1036.6	1071.9	1100.3	1122.9
30°	797.2	815.6	838.3	841.1	855.3	869.5	887.9	897.8	930.3	960.1	988.4
32.5°	672.7	691.1	709.4	720.7	727.8	739.2	757.6	767.5	798.6	825.6	853.9
35°	545.2	567.8	587.6	603.3	608.9	623.1	637.2	647.2	679.7	703.8	723.6
37.5°	448.9	465.9	487.2	502.7	518.2	528.2	545.2	559.4	579.2	591.9	613.1
40°	402.1	410.7	422.0	434.7	447.4	458.8	471.5	482.9	495.6	512.7	526.8
42.5°	386.6	388.0	388.0	392.3	399.4	405.0	416.3	424.8	433.3	446.0	453.1
45°	375.3	373.9	371.0	368.2	369.6	372.5	379.5	385.2	395.1	400.7	402.1
47.5°	369.6	363.9	358.2	354.0	352.6	354.0	359.7	365.3	371.0	375.3	376.7
50°	351.2	347.0	338.4	332.7	330.0	332.7	339.8	342.7	348.4	352.6	354.0
52.5°	332.7	327.1	321.5	315.8	315.8	317.2	322.9	328.6	334.2	335.6	338.4
55°	321.5	312.9	307.3	303.1	300.2	304.5	308.7	315.8	322.9	324.3	327.1
57.5°	310.1	301.6	296.0	291.7	288.8	293.1	297.4	307.3	315.8	315.8	315.8
60°	303.1	296.0	287.4	283.3	279.0	283.3	288.8	298.8	307.3	305.9	304.5
62.5°	283.3	276.1	271.9	271.9	267.6	274.7	280.4	291.7	293.1	290.3	287.4
63°	277.6	271.9	269.0	269.0	266.2	273.3	279.0	288.8	288.8	286.0	283.3
65°	263.4	259.2	256.3	259.2	259.2	266.2	267.6	274.7	273.3	269.0	267.6
67.5°	252.1	249.2	246.4	246.4	246.4	247.8	249.2	252.1	250.6	249.2	250.6
70°	233.7	232.2	229.4	229.4	228.0	228.0	228.0	229.4	229.4	230.8	232.2
72.5°	211.0	208.2	208.2	209.6	206.7	208.2	209.6	208.2	211.0	211.0	212.4
75°	185.5	184.1	186.9	189.8	188.4	188.4	189.8	189.8	191.2	191.2	192.6
77.5°	165.7	167.1	168.5	171.3	172.7	172.7	172.7	171.3	172.7	172.7	174.1
80°	147.3	150.1	152.9	155.7	157.2	157.2	157.2	155.7	155.7	155.7	155.7
82.5°	133.1	137.4	140.2	141.6	141.6	141.6	141.6	141.6	141.6	138.8	135.9
85°	111.9	120.4	120.4	121.8	117.5	114.7	111.9	113.3	114.7	109.0	107.6
87.5°	56.7	56.7	59.4	62.3	63.7	63.7	72.2	68.0	66.5	65.1	62.3
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-E05-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1509.5	1508.1	1510.9	1508.1	1509.5	1510.9	1508.1	1512.4	1515.2	1510.9	1506.7
5°	1540.7	1540.7	1547.7	1550.6	1552.0	1560.5	1556.3	1559.1	1561.9	1560.5	1561.9
7.5°	1560.5	1566.1	1573.2	1580.3	1581.8	1588.8	1587.4	1591.6	1594.5	1601.6	1601.6
10°	1577.5	1584.6	1594.5	1601.6	1608.7	1614.3	1617.1	1625.6	1627.1	1632.8	1632.8
12.5°	1593.0	1601.6	1611.5	1622.8	1629.9	1641.2	1642.6	1655.4	1659.6	1661.0	1656.8
15°	1590.2	1600.1	1611.5	1624.2	1636.9	1651.1	1659.6	1672.4	1679.5	1682.2	1675.2
17.5°	1563.4	1571.8	1586.0	1603.0	1618.5	1636.9	1652.6	1671.0	1682.2	1685.1	1683.7
20°	1510.9	1516.6	1535.0	1557.7	1576.1	1604.4	1627.1	1655.4	1673.8	1687.9	1692.2
22.5°	1407.5	1421.7	1440.1	1465.6	1492.6	1527.9	1560.5	1601.6	1641.2	1675.2	1709.2
25°	1283.0	1308.5	1336.8	1370.7	1403.4	1440.1	1476.9	1523.6	1581.8	1652.6	1733.2
27.5°	1156.9	1200.8	1236.2	1280.1	1318.3	1355.2	1396.2	1447.2	1510.9	1595.9	1699.3
30°	1029.5	1079.1	1117.3	1168.3	1219.3	1268.8	1309.9	1363.6	1426.0	1512.4	1625.6
32.5°	893.5	943.1	988.4	1035.2	1091.8	1151.3	1200.8	1267.4	1334.0	1423.2	1537.9
35°	753.3	797.2	835.4	885.0	947.4	1011.1	1076.2	1152.7	1224.8	1318.3	1440.1
37.5°	631.5	662.7	699.5	743.4	791.5	859.5	933.2	1023.8	1106.0	1207.9	1332.5
40°	531.0	548.0	569.2	606.1	650.0	716.6	788.7	885.0	984.2	1096.0	1216.4
42.5°	453.1	461.7	467.3	491.4	526.8	591.9	661.3	754.8	863.8	985.6	1107.4
45°	402.1	406.4	407.8	420.6	446.0	502.7	574.9	654.2	759.0	878.0	1005.4
47.5°	378.0	382.3	385.2	388.0	403.5	447.4	512.7	587.6	683.9	793.0	923.3
50°	358.2	362.5	366.8	365.3	372.5	400.7	456.0	525.4	616.0	716.6	845.4
52.5°	338.4	341.3	341.3	341.3	345.5	363.9	403.5	467.3	550.9	645.7	773.1
55°	327.1	330.0	331.4	332.7	334.2	344.1	373.9	424.8	497.0	584.8	699.5
57.5°	315.8	317.2	320.0	321.5	324.3	330.0	348.4	385.2	446.0	519.7	616.0
60°	305.9	308.7	314.3	315.8	318.6	320.0	328.6	351.2	390.8	447.4	525.4
62.5°	290.3	294.5	300.2	301.6	304.5	305.9	307.3	320.0	338.4	372.5	430.5
63°	286.0	290.3	297.4	298.8	300.2	300.2	301.6	310.1	327.1	356.8	399.4
65°	270.4	276.1	280.4	281.8	283.3	283.3	281.8	284.7	286.0	298.8	324.3
67.5°	253.5	257.7	260.6	262.0	260.6	262.0	260.6	257.7	254.9	257.7	269.0
70°	236.5	239.4	239.4	240.7	242.1	243.5	240.7	237.9	235.1	233.7	240.7
72.5°	216.7	219.4	219.4	220.9	220.9	223.7	223.7	222.3	222.3	223.7	225.1
75°	196.8	199.6	198.2	201.1	201.1	205.3	205.3	206.7	209.6	208.2	206.7
77.5°	178.4	179.8	179.8	181.2	182.7	189.8	194.0	195.4	195.4	192.6	189.8
80°	158.6	158.6	155.7	154.3	155.7	162.9	171.3	172.7	177.0	175.6	177.0
82.5°	133.1	127.4	123.2	123.2	126.0	130.2	133.1	135.9	138.8	138.8	141.6
85°	102.0	96.3	92.0	93.5	97.7	99.2	97.7	97.7	103.3	107.6	103.3
87.5°	60.9	55.3	52.4	48.2	49.6	53.8	52.4	48.2	49.6	39.6	36.8
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-E05-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
2.5°	1509.5	1508.1	1505.3	1501.0	1499.6	1496.8	1498.1	1494.0	1491.1	1488.3	1484.0
5°	1561.9	1561.9	1553.4	1553.4	1549.1	1547.7	1537.9	1533.6	1525.1	1527.9	1518.1
7.5°	1598.7	1603.0	1593.0	1591.6	1586.0	1584.6	1571.8	1567.5	1560.5	1557.7	1549.1
10°	1625.6	1625.6	1612.8	1603.0	1595.9	1588.8	1576.1	1570.4	1564.8	1566.1	1560.5
12.5°	1646.9	1636.9	1618.5	1604.4	1594.5	1587.4	1577.5	1573.2	1571.8	1581.8	1583.2
15°	1663.8	1649.7	1627.1	1617.1	1608.7	1607.3	1607.3	1611.5	1621.4	1639.8	1654.0
17.5°	1673.8	1665.3	1654.0	1651.1	1665.3	1673.8	1685.1	1697.9	1712.0	1737.5	1753.0
20°	1692.2	1697.9	1706.3	1717.7	1740.3	1761.6	1775.7	1794.2	1811.2	1842.2	1867.7
22.5°	1740.3	1772.9	1799.8	1822.4	1856.5	1886.2	1904.6	1930.1	1942.8	1964.1	2003.7
25°	1802.6	1869.2	1925.9	1974.0	2026.3	2057.5	2083.0	2115.5	2135.5	2170.8	2206.2
27.5°	1784.2	1879.1	1964.1	2053.3	2125.5	2206.2	2262.9	2316.7	2350.6	2403.1	2449.8
30°	1727.5	1840.8	1955.5	2073.1	2187.8	2303.9	2411.5	2509.2	2584.3	2659.4	2735.8
32.5°	1651.1	1781.4	1921.6	2066.1	2216.1	2377.6	2526.2	2673.5	2798.2	2907.2	3013.3
35°	1563.4	1710.6	1856.5	2034.9	2220.4	2425.7	2632.5	2836.4	3026.1	3218.7	3349.0
37.5°	1458.5	1608.7	1771.5	1976.8	2194.9	2448.4	2711.7	2978.0	3247.0	3506.2	3731.3
40°	1346.7	1499.6	1671.0	1893.2	2139.6	2434.2	2762.7	3120.9	3490.5	3865.8	4164.6
42.5°	1247.5	1404.8	1591.6	1816.8	2084.5	2415.8	2803.8	3244.2	3695.9	4160.4	4599.4
45°	1151.3	1324.0	1520.8	1763.0	2060.4	2430.0	2864.7	3358.9	3880.0	4443.6	4978.8
47.5°	1064.8	1240.5	1431.6	1696.5	2024.9	2437.0	2924.1	3473.6	4054.2	4664.5	5300.3
50°	987.0	1156.9	1345.2	1611.5	1969.8	2432.8	2978.0	3577.0	4204.3	4838.6	5548.1
52.5°	910.5	1083.3	1275.8	1529.3	1901.8	2408.7	3003.5	3661.9	4343.0	5014.3	5747.8
55°	835.4	1005.4	1199.4	1451.5	1812.6	2346.4	3000.6	3717.1	4453.5	5179.9	5940.3
57.5°	747.6	909.1	1098.9	1365.0	1717.7	2250.2	2958.2	3742.6	4548.4	5344.2	6171.2
60°	638.6	790.1	972.8	1239.1	1593.0	2126.9	2868.9	3728.5	4603.6	5466.0	6368.0
62.5°	504.1	635.8	802.9	1063.4	1437.3	1949.9	2701.9	3599.6	4515.8	5449.0	6460.0
63°	475.8	600.4	763.3	1020.9	1370.7	1901.8	2652.3	3548.7	4473.3	5413.6	6447.3
65°	382.3	463.1	593.3	824.1	1147.0	1665.3	2405.9	3286.6	4245.3	5164.3	6263.2
67.5°	293.1	334.2	403.5	565.0	811.4	1309.9	1948.5	2785.4	3684.6	4548.4	5669.9
70°	250.6	269.0	298.8	375.3	515.4	827.0	1367.9	2077.3	2856.2	3605.2	4613.5
72.5°	228.0	236.5	252.1	284.7	354.0	495.6	872.3	1352.3	1942.8	2570.2	3349.0
75°	209.6	216.7	229.4	246.4	271.9	330.0	497.0	827.0	1263.1	1687.9	2260.0
77.5°	191.2	195.4	209.6	225.1	242.1	271.9	328.6	475.8	726.4	995.4	1362.2
80°	175.6	172.7	182.7	208.2	225.1	242.1	259.2	308.7	413.5	545.2	736.4
82.5°	140.2	143.0	151.5	177.0	184.1	179.8	182.7	191.2	230.8	252.1	376.7
85°	94.9	87.8	86.4	89.2	89.2	84.9	84.9	83.5	92.0	104.7	179.8
87.5°	25.5	12.7	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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REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	0°
2.5°	1481.2	1479.8	1481.2	1474.1	1474.1	1472.7	1471.3	1468.5	1468.5	1462.8	1467.1	2.5°
5°	1509.5	1506.7	1501.0	1492.6	1488.3	1482.6	1482.6	1476.9	1472.7	1467.1	1468.5	5°
7.5°	1542.1	1543.5	1533.6	1526.5	1523.6	1518.1	1519.5	1510.9	1512.4	1508.1	1505.3	7.5°
10°	1560.5	1560.5	1563.4	1561.9	1564.8	1564.8	1569.0	1563.4	1560.5	1556.3	1556.3	10°
12.5°	1590.2	1595.9	1607.3	1607.3	1615.7	1618.5	1620.0	1622.8	1617.1	1614.3	1604.4	12.5°
15°	1663.8	1678.1	1687.9	1702.1	1719.1	1724.8	1724.8	1719.1	1716.3	1712.0	1693.6	15°
17.5°	1785.7	1816.8	1825.3	1847.9	1850.8	1857.9	1877.7	1866.3	1859.3	1829.5	1823.9	17.5°
20°	1910.2	1949.9	1989.6	2017.9	2032.0	2060.4	2064.6	2059.0	2030.6	2002.3	1989.6	20°
22.5°	2060.4	2119.8	2165.1	2209.0	2230.2	2244.5	2275.6	2268.5	2245.9	2203.4	2186.4	22.5°
25°	2272.8	2346.4	2394.5	2448.4	2476.7	2490.8	2522.0	2522.0	2497.9	2485.1	2483.7	25°
27.5°	2540.4	2631.0	2710.3	2728.8	2802.3	2819.4	2849.1	2849.1	2826.4	2810.9	2885.9	27.5°
30°	2837.8	2932.7	3070.0	3162.1	3251.3	3339.1	3337.6	3343.3	3370.3	3384.4	3417.0	30°
32.5°	3135.2	3252.7	3398.5	3598.2	3789.3	3952.2	4163.2	4297.7	4256.7	4142.0	4096.7	32.5°
35°	3496.2	3626.5	3803.6	4004.6	4354.4	4565.3	4667.3	4739.6	4748.0	4763.7	4796.2	35°
37.5°	3898.4	4116.5	4321.8	4549.8	4743.7	5000.1	5236.6	5426.4	5470.3	5559.5	5508.5	37.5°
40°	4406.7	4650.4	4865.6	5160.1	5420.7	5729.3	6067.8	6328.3	6433.2	6399.2	6144.2	40°
42.5°	4939.2	5240.8	5492.9	5839.8	6178.3	6586.1	6935.9	7299.8	7364.9	7102.9	6722.0	42.5°
45°	5429.1	5803.0	6115.9	6477.1	6890.6	7379.0	7846.4	8220.2	8207.5	7758.6	7248.8	45°
47.5°	5869.5	6328.3	6710.6	7180.8	7625.4	8207.5	8744.1	9020.2	8857.4	8326.4	7701.9	47.5°
50°	6233.4	6805.5	7277.1	7752.9	8317.9	9018.8	9535.7	9691.5	9377.1	8799.4	8142.3	50°
52.5°	6526.6	7244.5	7774.2	8322.2	9035.9	9773.6	10218.3	10160.2	9753.8	9160.4	8506.3	52.5°
55°	6774.4	7580.1	8211.7	8858.8	9743.9	10423.6	10719.5	10563.8	9996.0	9394.1	8755.5	55°
57.5°	7030.7	7905.8	8613.9	9364.3	10349.9	10933.4	11097.6	10777.6	10110.7	9483.3	8863.1	57.5°
60°	7287.0	8177.7	8969.3	9806.2	10808.7	11349.7	11304.3	10825.7	10076.6	9418.2	8790.8	60°
62.5°	7459.8	8339.1	9176.1	10078.1	11152.8	11562.1	11284.5	10654.4	9879.8	9161.9	8575.6	62.5°
63°	7464.0	8344.8	9188.8	10096.4	11191.0	11569.2	11246.3	10593.6	9817.5	9109.5	8511.9	63°
65°	7374.8	8238.7	9075.5	10012.9	11158.5	11406.3	10916.3	10233.8	9462.1	8746.9	8180.5	65°
67.5°	6918.8	7799.7	8538.8	9422.5	10575.1	10645.9	10032.7	9481.9	8788.1	8047.4	7455.5	67.5°
70°	5999.9	6731.9	7457.0	8194.7	9161.9	9149.2	8572.8	8292.4	7685.0	6841.0	6366.6	70°
72.5°	4772.1	5429.1	5938.9	6433.2	7070.4	6941.5	6570.5	6648.4	6254.7	5624.6	5342.8	72.5°
75°	3543.0	4265.1	4514.4	4715.5	4984.5	4985.9	5087.8	5308.8	5303.1	4953.3	4597.9	75°
77.5°	2323.7	3113.9	3197.4	3358.9	3681.8	4120.7	4573.9	5061.0	5182.7	4906.6	4381.2	77.5°
80°	1295.7	2117.0	2020.8	2159.5	2507.8	3104.0	3772.4	4310.4	4627.7	4473.3	3916.8	80°
82.5°	662.7	1220.7	1166.8	1359.5	1641.2	2159.5	2601.3	3014.8	3388.6	3367.4	3156.4	82.5°
85°	344.1	668.4	760.4	860.9	1002.6	1188.1	1355.2	1475.5	1631.3	1906.0	1999.5	85°
87.5°	0.0	0.0	0.0	0.0	0.0	1.4	0.0	102.0	73.7	202.5	288.8	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°
1485.4	1485.4	1485.4	1485.4	1485.4	1485.4	1485.4
1468.5	1469.9	1467.1	1467.1	1468.5	1468.5	1465.6
1465.6	1465.6	1462.8	1459.9	1457.1	1457.1	1454.3
1498.1	1498.1	1488.3	1484.0	1476.9	1471.3	1468.5
1546.3	1537.9	1526.5	1518.1	1506.7	1494.0	1486.9
1594.5	1581.8	1567.5	1554.8	1540.7	1526.5	1519.5
1673.8	1656.8	1638.3	1622.8	1603.0	1581.8	1573.2
1795.5	1768.7	1744.6	1722.0	1686.5	1671.0	1654.0
1957.0	1917.3	1886.2	1847.9	1804.0	1789.9	1768.7
2152.4	2118.4	2056.1	2027.8	1983.9	1962.6	1966.9
2449.8	2405.9	2333.7	2306.7	2302.5	2255.7	2233.1
2837.8	2840.6	2774.1	2701.9	2662.2	2588.6	2495.1
3390.1	3351.8	3273.9	3200.3	3106.8	2968.0	2812.3
4058.4	3973.4	3844.6	3707.3	3541.5	3327.7	3109.7
4711.2	4562.5	4357.2	4127.8	3888.5	3622.3	3313.6
5284.7	5053.9	4746.6	4483.2	4144.8	3812.0	3435.4
5808.7	5522.6	5126.1	4784.9	4385.5	3957.9	3511.8
6315.6	5953.1	5467.4	5005.8	4554.1	4055.6	3548.7
6798.5	6331.2	5754.8	5205.4	4677.2	4119.3	3554.3
7169.5	6659.7	6012.6	5349.9	4762.2	4167.5	3554.3
7513.6	6937.3	6209.4	5463.1	4841.5	4200.0	3557.1
7781.3	7132.7	6336.9	5543.8	4903.8	4224.1	3569.9
7975.2	7260.1	6421.8	5593.4	4949.1	4258.1	3598.2
8111.2	7343.7	6468.5	5637.3	5004.3	4317.5	3677.5
8176.3	7498.0	6546.5	5725.2	5099.2	4443.6	3836.1
8126.7	7737.3	6768.8	5873.8	5230.9	4640.4	4089.6
8105.5	7781.3	6829.6	5906.4	5260.7	4682.9	4177.3
7939.9	7825.2	7080.3	6070.6	5402.3	4871.2	4422.4
7425.8	7652.3	7291.3	6348.1	5706.7	5328.6	4879.8
6760.2	7396.0	7253.1	6383.6	5900.7	5703.8	5168.6
5963.0	6621.4	6488.4	5912.0	5686.9	5708.1	5093.5
4692.8	5187.0	5099.2	4896.7	4942.1	5097.8	4362.9
3759.7	3693.0	3490.5	3504.8	3766.7	3949.4	3140.9
3071.5	2486.6	2223.2	2230.2	2687.6	2877.4	2000.8
2922.7	2352.1	1915.9	1673.8	1955.5	1883.4	1045.0
2081.6	2085.9	1730.4	1406.1	1362.2	1158.3	651.4
492.7	395.1	281.8	209.6	220.9	145.9	73.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)