

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: McGRAW-EDISON

Report Number: P271645

Luminaire Tested: **IST-AF-600-LED-E1-SLL-7027**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271645
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35948)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: IST-AF-600-LED-E1-SLL-7027
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR LEFT
Light Source: (16) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3066 lumens
Efficiency: N/A
Efficacy: 91.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U1 - G1

Input Watts (W): 33.7
Input Voltage (V): 120
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



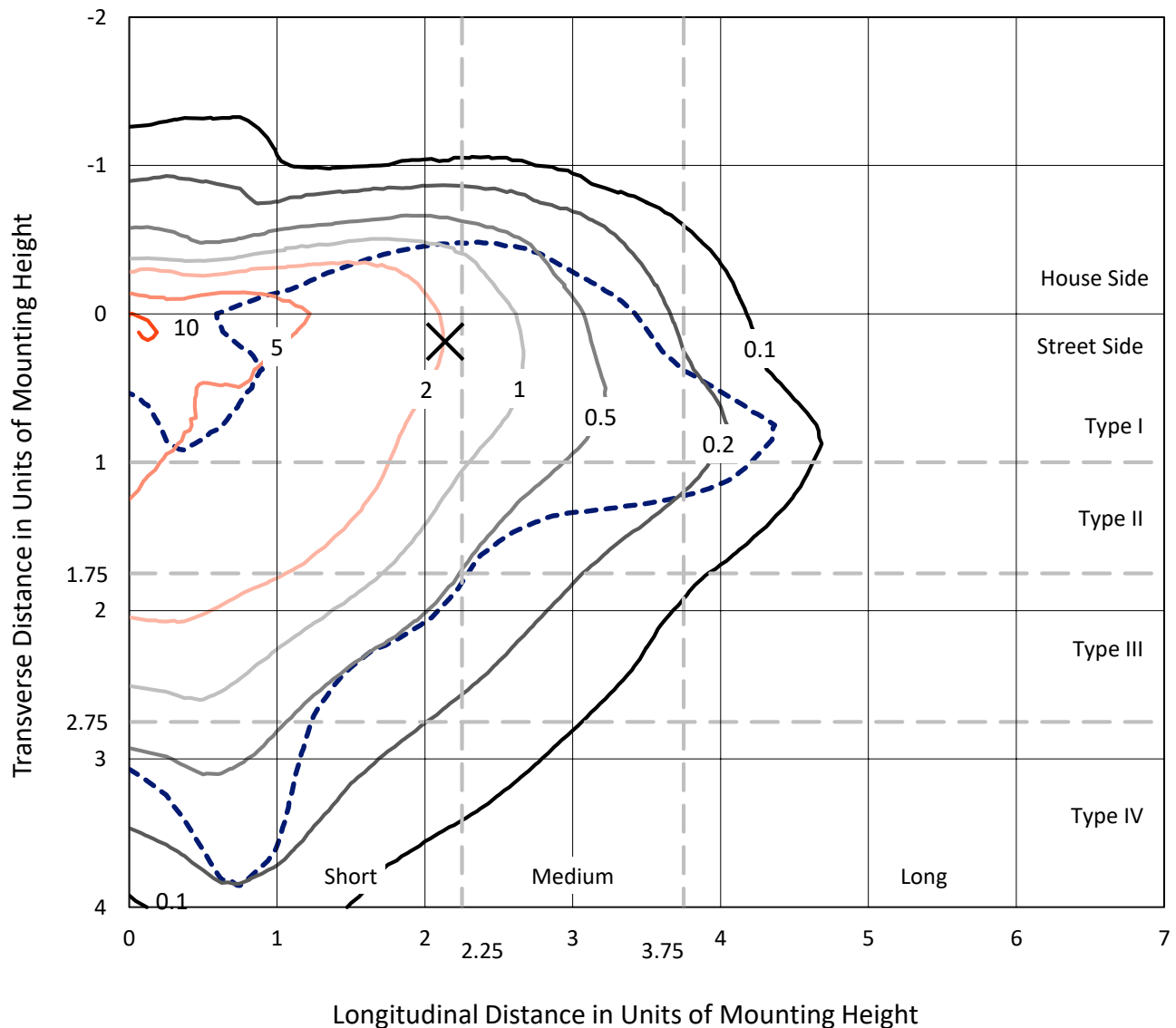
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Iso-Footcandle Lines of Horizontal Illumination

✗ Max cd

--- 1/2 Max cd

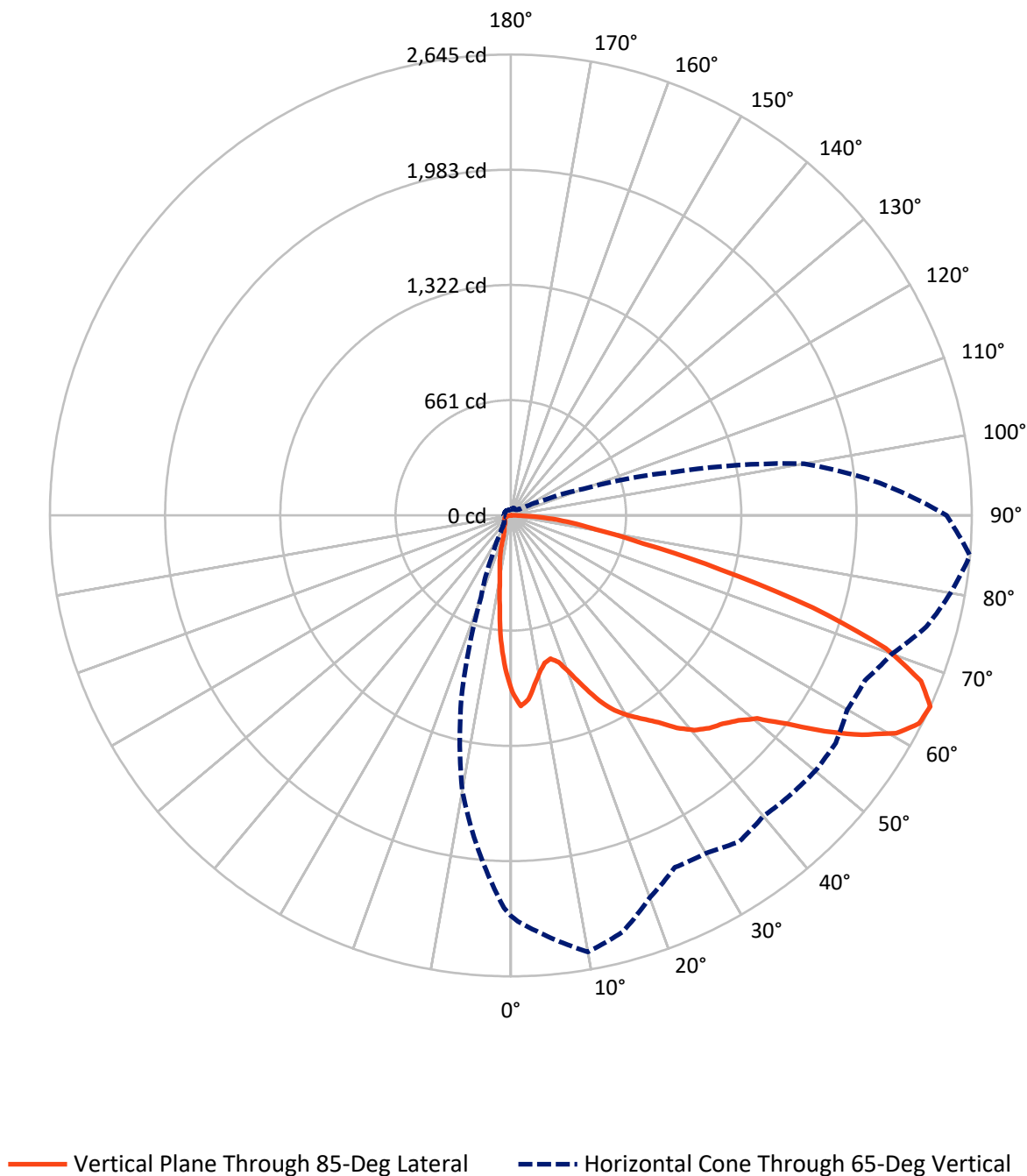


Based on 10 foot mounting height. Maximum calculated value = 11.1 fc
Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



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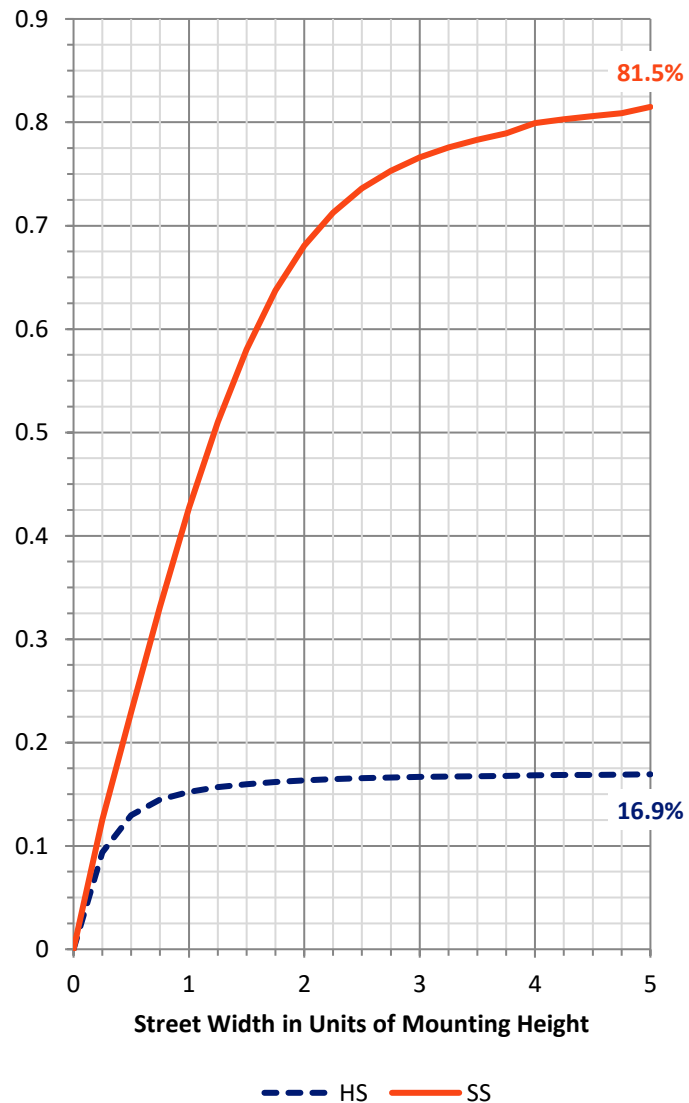
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	525.9	0.0	525.9
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	2540.0	0.1	2540.1
	% Fixture	82.8	0.0	82.8
Total	Lumens	3065.9	0.1	3066.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.0	2.4
10°-20°	144.4	4.7
20°-30°	205.9	6.7
30°-40°	298.7	9.7
40°-50°	427.3	13.9
50°-60°	656.0	21.4
60°-70°	759.3	24.8
70°-80°	387.4	12.6
80°-90°	111.8	3.6
90°-100°	0.1	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°	3065.9	100.0
0°-180°	3066.0	100.0

Coefficient of Utilization



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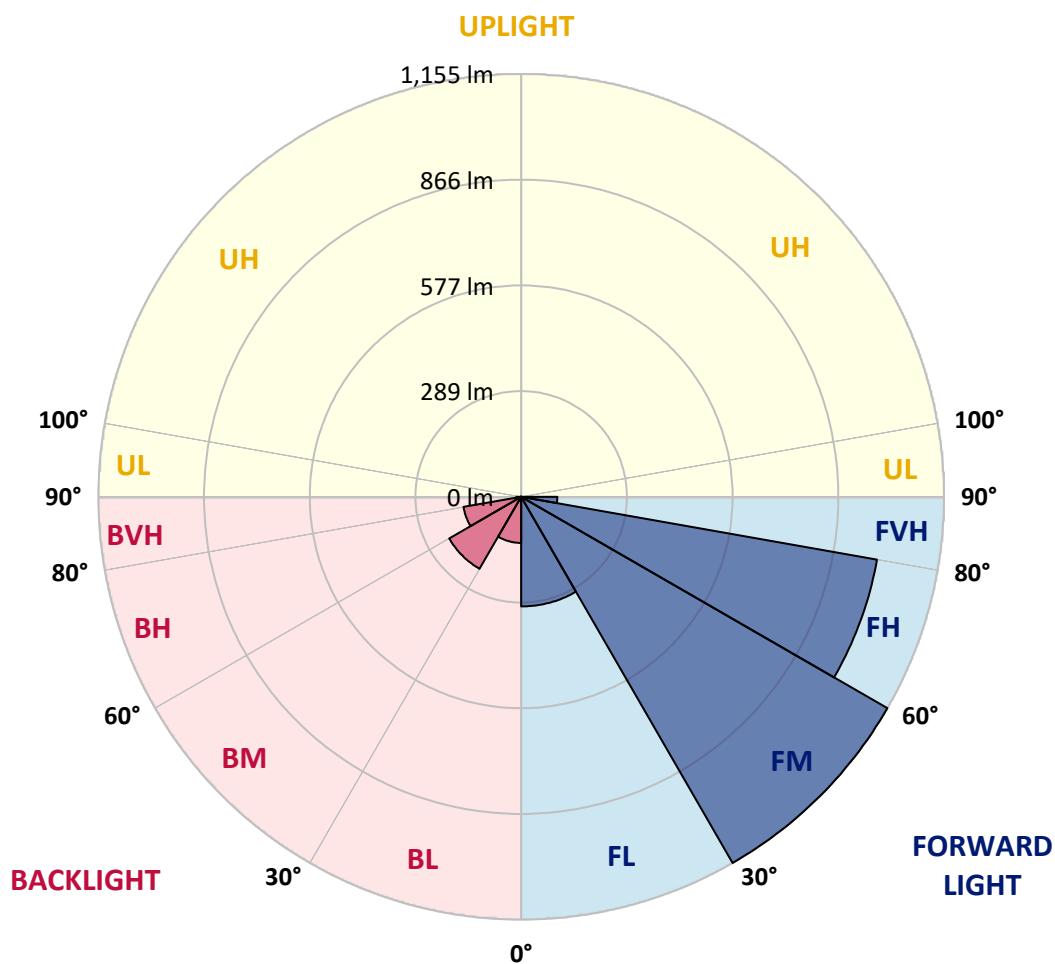
CATALOG NUMBER: IST-AF-600-LED-E1-SLL-7027

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	299.4	9.8			
FM	(30°-60°)	1154.9	37.7			
FH	(60°-80°)	986.8	32.2			G1/1800
FVH	(80°-90°)	98.8	3.2			G1/100
BL	(0°-30°)	125.9	4.1	B1/500		
BM	(30°-60°)	227.1	7.4	B1/1000		
BH	(60°-80°)	159.9	5.2	B1/500		G1/500
BVH	(80°-90°)	13.0	0.4			G1/100
UL	(90°-100°)	0.1	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U1/10	

BUG Rating: B1-U1-G1

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9
2.5°	1048.5	1049.5	1064.0	1077.9	1095.4	1092.9	1107.3	1118.2	1127.9	1129.5	1136.7
5°	984.5	994.9	1027.3	1055.1	1090.4	1117.6	1147.0	1170.2	1187.3	1203.3	1205.3
7.5°	894.7	902.4	940.2	984.0	1034.6	1070.7	1115.1	1153.7	1181.1	1207.0	1212.6
10°	817.9	825.0	866.9	923.6	968.0	1014.9	1060.9	1092.4	1127.9	1150.1	1161.0
12.5°	780.6	789.5	829.1	880.8	926.2	971.6	1006.2	1033.5	1053.6	1057.8	1060.9
15°	795.1	799.9	843.7	889.6	925.7	948.4	957.6	974.2	972.7	980.9	982.5
17.5°	853.5	851.3	897.9	929.8	947.4	944.7	930.4	921.5	906.1	901.4	914.8
20°	953.6	960.7	990.7	1010.3	992.3	950.5	910.7	883.3	861.7	854.5	852.9
22.5°	1070.7	1079.9	1112.6	1102.2	1056.2	979.9	907.6	863.8	837.0	829.1	826.1
25°	1193.5	1199.7	1216.1	1181.1	1116.6	1017.5	929.3	867.9	832.3	820.9	819.4
27.5°	1292.5	1298.8	1291.0	1250.8	1157.4	1059.8	959.2	886.4	840.1	828.7	823.6
30°	1373.6	1376.7	1350.9	1300.8	1208.0	1106.8	998.5	919.0	864.8	838.9	835.4
32.5°	1464.3	1462.4	1412.2	1343.1	1250.8	1149.1	1043.3	955.5	888.5	857.1	851.3
35°	1563.9	1545.9	1457.7	1385.0	1280.2	1181.6	1084.2	994.3	926.7	884.9	877.7
37.5°	1652.7	1634.2	1516.0	1418.0	1309.5	1207.0	1116.1	1044.4	985.0	946.8	943.8
40°	1721.9	1699.1	1560.4	1440.2	1324.0	1225.5	1153.7	1107.3	1068.2	1037.1	1037.1
42.5°	1777.6	1752.9	1603.7	1465.9	1336.9	1253.9	1216.8	1200.8	1192.5	1175.4	1181.6
45°	1831.3	1806.0	1639.2	1482.5	1365.9	1309.1	1314.2	1328.1	1352.9	1343.1	1351.9
47.5°	1882.4	1857.5	1679.5	1508.7	1421.6	1408.1	1435.0	1490.6	1539.2	1577.3	1604.2
50°	1968.0	1938.6	1751.8	1586.1	1509.3	1516.0	1593.3	1702.7	1781.7	1816.8	1814.8
52.5°	2130.5	2088.6	1907.1	1730.7	1634.6	1671.8	1763.1	1900.9	2004.1	2031.4	2042.3
55°	2329.1	2296.2	2131.6	1922.0	1852.5	1865.3	1978.9	2134.6	2214.1	2242.5	2251.8
57.5°	2445.7	2437.0	2333.9	2126.8	2059.4	2054.2	2202.3	2329.8	2398.4	2425.2	2416.9
59°	2473.1	2475.7	2416.9	2271.9	2179.0	2167.7	2318.3	2436.6	2493.8	2502.0	2497.8
60°	2470.6	2485.0	2477.7	2351.3	2254.8	2240.5	2367.3	2479.8	2527.8	2540.8	2526.3
62.5°	2417.4	2442.2	2510.9	2497.4	2426.7	2352.9	2412.8	2494.3	2525.2	2512.9	2502.0
65°	2296.7	2329.1	2424.6	2543.3	2475.2	2332.8	2228.1	2237.4	2284.3	2253.4	2268.3
67.5°	2088.2	2125.4	2176.0	2445.3	2346.2	2107.3	1927.2	1839.0	1816.8	1846.7	1894.2
70°	1698.7	1722.9	1850.9	2231.7	2060.4	1732.2	1506.2	1388.5	1349.3	1418.4	1466.9
72.5°	1198.1	1234.2	1403.1	1846.7	1695.0	1387.5	1139.8	1031.4	992.3	995.3	1037.6
75°	729.2	778.1	980.4	1460.3	1335.9	1063.0	868.4	790.5	778.7	771.9	764.6
77.5°	481.0	499.5	644.4	1007.7	900.9	755.9	651.7	683.7	719.4	727.0	736.3
80°	326.2	331.7	417.9	706.9	593.4	558.3	526.9	602.1	669.8	682.2	675.4
82.5°	200.7	217.7	291.5	476.8	473.1	456.7	416.5	475.2	520.1	527.8	541.8
85°	69.7	72.8	179.0	421.0	481.0	486.1	343.2	270.9	304.4	298.8	214.7
87.5°	29.9	33.6	55.8	281.7	325.5	269.3	156.8	139.2	107.3	60.4	58.3
90°	2.1	2.1	1.5	2.5	7.7	5.2	4.6	1.5	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	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):

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	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):

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9
2.5°	1135.2	1128.5	1132.7	1126.9	1117.6	1111.5	1104.3	1094.9	1084.2	1069.6	1055.1
5°	1200.8	1195.6	1182.7	1164.0	1138.3	1116.6	1090.8	1060.4	1035.0	1002.6	972.1
7.5°	1206.3	1198.1	1174.4	1139.8	1100.2	1059.8	1029.4	979.9	947.9	896.3	861.7
10°	1154.8	1155.3	1131.5	1099.1	1057.8	1010.3	966.5	912.3	865.2	812.7	754.8
12.5°	1079.0	1086.2	1087.2	1058.3	1018.0	968.0	919.0	867.3	809.0	752.8	699.7
15°	992.8	1013.4	1014.9	1007.7	986.6	944.3	899.3	852.9	793.7	732.2	672.3
17.5°	915.9	935.5	953.6	970.1	971.1	950.9	923.6	883.9	824.6	752.3	682.2
20°	857.6	878.7	909.7	940.2	973.7	984.0	986.1	960.7	897.2	809.0	714.2
22.5°	833.3	858.2	889.6	946.8	1006.2	1042.8	1063.4	1063.4	996.8	893.7	766.7
25°	828.1	848.3	896.3	967.5	1047.0	1110.9	1150.1	1176.5	1128.5	1002.6	831.8
27.5°	831.8	859.0	918.4	991.2	1074.4	1156.4	1220.9	1266.8	1221.9	1076.9	892.2
30°	846.2	887.0	948.4	1023.7	1109.4	1196.0	1274.0	1332.3	1299.3	1144.5	949.4
32.5°	871.5	921.0	990.7	1058.8	1143.9	1237.9	1314.8	1391.7	1367.4	1191.4	979.9
35°	909.2	967.5	1031.0	1099.5	1181.1	1275.1	1357.1	1457.7	1448.9	1250.2	1010.3
37.5°	970.1	1030.0	1088.3	1147.0	1224.5	1315.7	1418.0	1546.4	1539.2	1337.5	1059.3
40°	1077.3	1112.6	1155.8	1193.5	1266.3	1353.5	1462.8	1619.7	1645.4	1412.2	1102.7
42.5°	1210.6	1231.1	1243.5	1253.9	1291.0	1373.1	1495.4	1668.7	1711.0	1468.0	1136.3
45°	1380.2	1374.0	1349.3	1325.6	1321.5	1384.4	1510.3	1704.8	1762.7	1522.2	1170.2
47.5°	1580.9	1567.6	1500.0	1422.1	1378.7	1405.1	1536.6	1758.1	1826.1	1593.3	1212.6
50°	1812.7	1781.2	1670.8	1539.2	1459.3	1463.4	1603.1	1831.7	1909.7	1686.3	1291.5
52.5°	2027.4	1971.2	1839.5	1665.5	1551.0	1564.9	1722.9	1984.4	2081.0	1840.0	1424.2
55°	2216.7	2144.4	2002.5	1812.2	1708.5	1732.7	1914.3	2186.7	2278.1	2023.3	1558.3
57.5°	2377.7	2300.8	2161.0	1993.2	1864.3	1884.5	2085.1	2374.6	2436.0	2187.8	1686.7
59°	2450.9	2375.1	2246.1	2091.3	1970.6	2012.9	2205.9	2468.0	2494.3	2251.2	1735.7
60°	2486.6	2410.7	2297.1	2146.1	2035.6	2091.3	2269.8	2538.7	2516.0	2260.6	1754.4
62.5°	2484.0	2430.8	2356.1	2252.8	2232.6	2325.6	2477.7	2629.5	2531.0	2233.7	1766.2
65°	2280.2	2275.6	2229.1	2240.9	2325.0	2468.5	2561.9	2644.5	2499.9	2126.8	1708.9
67.5°	1901.9	1921.0	1927.2	2000.0	2196.5	2440.2	2522.2	2538.3	2365.2	1898.3	1530.9
70°	1468.5	1426.1	1495.9	1624.3	1907.6	2221.4	2338.0	2282.2	2089.7	1589.8	1250.2
72.5°	1039.7	1052.2	1152.2	1318.9	1607.2	1932.3	2115.1	1811.2	1572.2	1189.9	886.4
75°	782.2	840.5	889.1	1035.0	1305.5	1655.3	1806.0	1245.1	1024.2	820.4	579.9
77.5°	749.7	745.1	708.0	738.9	941.2	1159.4	1288.3	777.0	641.4	536.6	350.4
80°	693.0	653.2	585.7	555.7	592.9	744.5	817.9	499.5	426.8	375.1	197.6
82.5°	537.6	510.9	439.6	437.6	494.2	528.9	562.4	353.9	321.0	304.0	121.2
85°	341.1	350.4	359.1	438.0	548.4	554.7	437.6	215.8	169.2	238.4	77.4
87.5°	101.1	164.6	199.7	339.0	494.2	495.9	329.2	70.7	63.5	74.3	44.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P271645

CATALOG NUMBER: IST-AF-600-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P271645

CATALOG NUMBER: IST-AF-600-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9
2.5°	1040.2	1038.2	1023.7	999.5	1001.5	990.2	975.6	952.6	947.9	935.0	932.9
5°	946.4	922.1	890.6	852.4	838.0	818.4	798.2	783.8	765.7	749.3	771.5
7.5°	820.9	785.4	748.6	708.4	685.2	653.2	636.2	603.2	579.0	574.3	555.2
10°	716.2	671.3	629.5	593.4	550.0	520.1	498.5	480.4	463.9	443.8	431.4
12.5°	646.5	595.9	551.6	506.7	486.1	461.3	447.9	430.8	407.1	390.0	373.5
15°	615.1	560.4	511.9	472.7	442.8	419.5	395.7	375.1	349.4	330.3	311.2
17.5°	610.9	539.7	478.3	434.5	401.9	376.7	345.2	317.8	286.4	265.2	249.2
20°	615.6	524.3	447.4	390.0	357.1	312.7	283.2	249.8	218.7	190.9	165.6
22.5°	634.1	516.0	416.9	353.9	305.0	254.4	222.9	180.1	153.8	126.9	117.0
25°	659.4	510.9	390.7	314.2	252.3	202.3	159.4	123.9	112.0	105.2	101.7
27.5°	686.2	501.5	361.2	277.6	210.0	149.1	119.1	104.2	99.6	96.0	93.4
30°	706.3	483.5	325.1	238.4	167.2	127.5	106.3	96.5	93.4	89.3	86.7
32.5°	715.2	455.6	292.6	201.2	140.9	109.4	92.9	87.1	84.1	80.5	78.9
35°	713.6	424.1	276.0	186.8	129.0	96.9	81.6	78.0	73.8	70.2	66.6
37.5°	715.2	395.3	263.1	183.2	123.9	87.8	74.3	71.8	68.6	64.9	61.9
40°	721.4	379.3	256.9	175.3	119.7	84.1	68.6	66.0	65.6	61.4	58.7
42.5°	723.9	380.8	254.0	164.6	109.4	83.0	68.6	62.9	62.9	59.8	56.8
45°	720.8	392.2	255.9	158.4	101.7	78.0	72.2	62.9	61.4	58.7	55.8
47.5°	730.1	400.5	255.9	157.3	96.5	72.8	68.6	69.1	62.4	59.4	54.7
50°	768.3	408.2	250.8	155.9	95.0	67.6	64.9	68.1	70.2	60.4	55.2
52.5°	836.0	417.9	245.1	153.3	92.9	63.5	60.4	64.0	71.8	63.5	55.2
55°	905.0	435.5	241.5	149.1	89.8	60.8	54.7	61.4	65.6	62.9	54.7
57.5°	978.8	454.6	237.9	139.2	82.6	58.3	52.6	53.7	58.7	60.8	53.1
59°	1001.0	463.9	234.7	132.1	76.4	56.2	51.0	49.6	52.6	58.3	52.1
60°	1017.0	464.4	231.1	125.9	72.8	55.2	50.0	48.0	49.0	59.8	52.6
62.5°	1018.6	463.9	219.8	113.0	65.6	53.1	48.5	45.9	44.8	50.0	53.7
65°	954.6	442.1	199.2	106.3	66.0	51.0	45.9	43.8	41.8	42.8	46.4
67.5°	834.9	386.5	177.5	107.9	69.7	49.6	43.8	41.8	40.2	39.3	40.7
70°	631.6	321.0	171.3	111.5	72.8	48.5	40.7	38.6	37.7	37.2	37.2
72.5°	437.6	264.2	164.6	114.1	75.4	48.0	37.7	35.7	35.0	34.6	34.6
75°	281.7	192.0	136.3	96.9	68.6	43.8	34.0	32.0	31.5	30.9	31.5
77.5°	166.6	134.2	100.1	68.1	50.0	35.0	29.5	27.8	27.8	27.8	28.4
80°	92.3	79.5	66.6	43.8	35.7	26.3	24.3	22.6	22.6	23.3	24.3
82.5°	55.2	43.8	37.7	27.8	24.3	18.5	18.1	17.0	17.6	18.1	19.1
85°	36.1	27.8	22.6	18.5	16.5	11.9	10.3	10.8	11.4	12.4	12.8
87.5°	20.1	15.5	12.4	10.8	9.8	5.2	4.1	4.1	5.2	6.2	7.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P271645
CATALOG NUMBER: IST-AF-600-LED-E1-SLL-7027

REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°



NUMBER: P271645
NUMBER: IST-AF-600-LED-E1-SLL-7027

REPORT NUMBER: P
CATALOG NUMBER:

[illegible]

'271645
IST-AF-600-LED-E1-SLL-7027

REPORT NUMBER: P271645
CATALOG NUMBER: IST-AF-600

TION (continued):

CANDELA DISTRIBUTION (con

165°	170°	175°	180°	185°	190°	195°	200°	205°	210°		215°	220°
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°	1012.9	1012.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	877.7	877.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	720.4	715.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	558.3	575.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	402.5	414.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	280.2	286.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	193.0	205.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	150.2	151.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	123.9	124.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	110.0	112.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	92.3	94.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	81.6	83.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	74.8	75.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	68.1	68.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	62.4	62.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	58.3	59.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	54.7	55.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	49.6	50.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	44.8	45.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	41.8	41.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	39.7	40.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	38.6	39.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	38.2	39.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	38.2	38.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	37.7	38.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	37.7	38.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	36.1	37.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	35.0	36.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	33.6	35.0
										70°	32.0	33.6
										72.5°	29.9	32.0
										75°	27.8	29.5
										77.5°	25.3	26.8
										80°	22.2	22.6
										82.5°	18.5	18.5
										85°	13.9	12.4
										87.5°	7.7	8.3
										90°	0.0	0.0
										92.5°	0.0	0.0
										95°	0.0	0.0
										97.5°	0.0	0.0
										100°	0.0	0.0
										102.5°	0.0	0.0
										105°	0.0	0.0
										107.5°	0.0	0.0

CATALOG NUMBER: IST-AF-600-LED-E1-S

CANDELA DISTRIBUTION (continued):

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	110°	0.0	0.0	0.0
866.3	866.3	881.9	883.3	865.2	870.0	878.7	868.4	879.8	112.5°	0.0	0.0	0.0
727.0	720.8	721.4	717.3	724.4	716.2	724.9	721.9	719.4	115°	0.0	0.0	0.0
564.5	575.4	567.5	552.6	564.5	555.2	537.6	539.3	519.6	117.5°	0.0	0.0	0.0
424.1	416.5	412.3	405.0	385.9	389.5	369.9	373.1	379.7	120°	0.0	0.0	0.0
292.6	286.9	293.6	289.0	281.2	282.8	286.9	291.1	301.9	122.5°	0.0	0.0	0.0
205.4	202.7	201.2	204.4	213.1	217.7	224.5	236.8	243.0	125°	0.0	0.0	0.0
154.3	154.8	153.3	157.9	165.1	168.7	170.3	171.3	178.5	127.5°	0.0	0.0	0.0
127.5	129.5	129.0	130.5	128.5	126.4	128.0	124.9	122.3	130°	0.0	0.0	0.0
111.5	112.0	109.4	108.9	105.8	103.1	101.1	101.1	100.1	132.5°	0.0	0.0	0.0
94.4	95.0	92.3	92.3	91.9	93.4	92.3	90.3	89.8	135°	0.0	0.0	0.0
84.6	83.6	82.0	82.0	80.9	80.9	81.6	82.0	81.6	137.5°	0.0	0.0	0.0
75.9	74.8	74.3	74.8	74.3	74.8	75.4	74.8	75.4	140°	0.0	0.0	0.0
69.7	68.6	68.6	69.1	68.6	69.1	69.1	69.1	68.6	142.5°	0.0	0.0	0.0
64.5	63.5	63.5	63.5	62.9	61.9	60.8	59.4	57.9	145°	0.0	0.0	0.0
60.4	59.8	58.7	58.3	56.8	53.7	52.6	52.6	52.6	147.5°	0.0	0.0	0.0
56.8	55.8	55.2	53.1	51.0	50.0	50.0	50.0	50.0	150°	0.0	0.0	0.0
52.1	50.6	49.6	49.0	48.5	48.5	48.0	48.0	48.0	152.5°	0.0	0.0	0.0
46.4	45.9	45.9	46.4	46.4	46.4	46.4	45.9	46.4	155°	0.0	0.0	0.0
42.8	42.8	43.4	43.8	44.4	44.8	45.5	44.8	45.5	157.5°	0.0	0.0	0.0
41.3	41.3	41.3	42.3	42.8	43.4	44.4	44.4	44.4	160°	0.0	0.0	0.0
40.2	40.2	40.7	41.3	41.8	42.3	42.8	43.4	43.8	162.5°	0.0	0.0	0.0
39.7	40.2	39.7	40.2	40.7	41.8	42.3	42.3	42.8	165°	0.0	0.0	0.0
39.7	39.7	39.7	39.7	40.7	41.3	40.7	41.3	41.8	167.5°	0.0	0.0	0.0
39.7	39.7	39.3	39.7	40.2	40.7	40.2	40.2	41.3	170°	0.0	0.0	0.0
39.3	39.7	39.3	39.3	39.7	40.2	39.7	40.2	40.7	172.5°	0.0	0.0	0.0
38.2	38.6	38.2	38.6	38.6	39.3	39.3	39.3	39.7	175°	0.0	0.0	0.0
37.2	37.2	37.2	37.7	37.7	38.2	38.2	38.6	38.2	177.5°	0.0	0.0	0.0
36.1	36.1	36.1	36.7	36.7	37.2	37.7	37.2	37.2	180°	0.0	0.0	0.0
35.0	34.6	34.0	34.6	35.0	35.0	35.7	35.0	35.7				
33.6	33.0	32.5	32.5	33.0	33.0	33.6	33.0	33.0				
30.9	30.9	29.9	29.9	29.9	29.9	30.5	29.9	29.5				
27.8	27.8	26.8	26.8	26.8	26.8	26.3	26.3	26.3				
23.3	23.7	23.7	23.3	23.3	22.6	22.6	22.2	21.6				
17.6	18.5	19.1	19.1	19.1	19.1	19.1	18.1	17.0				
12.4	13.9	15.5	15.5	14.9	14.9	14.9	13.5	11.9				
7.7	9.3	9.8	10.8	9.3	8.7	8.7	7.7	7.3				
0.0	0.0	1.1	0.4	1.5	1.5	2.1	1.1	0.4				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				

REPORT NUMBER: P271645

CATALOG NUMBER: IST-AF-600-LED-E1-SLL-7027

SLL-7027

CANDELA DISTRIBUTION (continued):

230°	235°	240°	245°	250°	255°	260°	265°		270°	275°	280°	285°
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°	1012.9	1012.9	1012.9	1012.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	870.0	889.1	891.7	894.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	715.2	734.3	723.5	728.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	522.2	509.8	525.8	535.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	381.3	395.7	401.9	413.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	316.3	325.5	337.0	355.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	256.5	263.1	277.6	295.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	186.8	196.5	205.9	220.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	125.4	129.5	140.9	147.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	100.6	102.1	104.2	110.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	90.3	91.4	92.9	95.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	82.0	82.6	84.1	85.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	74.8	74.3	74.8	76.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	67.0	67.0	68.1	68.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	57.9	57.3	58.3	59.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	53.1	53.7	54.7	55.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	50.6	51.0	52.1	53.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	48.0	49.0	50.0	51.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	46.4	47.5	49.0	50.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	45.9	46.9	48.5	50.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	44.8	46.4	48.0	50.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	44.8	45.9	47.5	50.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	43.4	44.8	46.4	49.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	42.3	43.4	45.5	48.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	41.8	42.8	44.8	48.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	40.7	42.3	44.4	47.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	39.7	41.3	43.4	46.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	38.2	40.2	42.3	44.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	37.2	38.2	40.2	42.3
								70°	35.0	36.1	37.7	39.3
								72.5°	32.5	33.0	34.0	35.7
								75°	28.8	29.5	29.9	31.5
								77.5°	25.3	25.3	25.8	27.8
								80°	21.2	21.2	21.6	22.6
								82.5°	16.0	16.0	17.0	18.5
								85°	11.4	10.8	12.4	13.5
								87.5°	6.6	6.2	6.6	6.6
								90°	0.4	1.5	1.1	1.1
								92.5°	0.0	0.0	0.0	0.0
								95°	0.0	0.0	0.0	0.0
								97.5°	0.0	0.0	0.0	0.0
								100°	0.0	0.0	0.0	0.0
								102.5°	0.0	0.0	0.0	0.0
								105°	0.0	0.0	0.0	0.0
								107.5°	0.0	0.0	0.0	0.0

REPORT NUMBER: P271645

CATALOG NUMBER: IST-AF-600-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9	110°	0.0	0.0	0.0	0.0	0.0
904.5	899.3	903.4	919.4	925.2	932.4	956.7	112.5°	0.0	0.0	0.0	0.0	0.0
739.5	746.1	739.5	771.9	773.5	795.1	803.9	115°	0.0	0.0	0.0	0.0	0.0
543.4	552.1	566.5	588.2	594.4	625.4	651.7	117.5°	0.0	0.0	0.0	0.0	0.0
424.1	435.5	455.6	469.1	482.5	500.5	521.6	120°	0.0	0.0	0.0	0.0	0.0
376.7	388.6	406.0	423.1	442.1	456.1	473.7	122.5°	0.0	0.0	0.0	0.0	0.0
314.8	333.3	350.4	372.5	388.6	413.8	434.5	125°	0.0	0.0	0.0	0.0	0.0
240.5	266.3	283.2	310.2	334.3	356.5	384.5	127.5°	0.0	0.0	0.0	0.0	0.0
167.2	187.3	208.9	237.9	269.3	299.8	337.0	130°	0.0	0.0	0.0	0.0	0.0
115.1	125.9	142.4	172.4	204.8	248.7	289.0	132.5°	0.0	0.0	0.0	0.0	0.0
98.1	102.1	108.3	122.8	150.2	198.2	242.5	135°	0.0	0.0	0.0	0.0	0.0
87.1	90.3	94.4	101.7	116.2	149.1	198.2	137.5°	0.0	0.0	0.0	0.0	0.0
79.9	83.6	87.8	92.9	100.6	123.2	160.0	140°	0.0	0.0	0.0	0.0	0.0
70.2	72.8	76.4	82.0	87.8	105.8	141.3	142.5°	0.0	0.0	0.0	0.0	0.0
61.9	64.9	69.7	73.8	79.5	94.0	128.5	145°	0.0	0.0	0.0	0.0	0.0
57.9	60.8	64.9	68.6	72.8	84.6	119.1	147.5°	0.0	0.0	0.0	0.0	0.0
55.2	58.3	62.4	65.6	68.1	81.6	115.6	150°	0.0	0.0	0.0	0.0	0.0
53.7	57.3	60.8	62.9	68.1	83.0	106.8	152.5°	0.0	0.0	0.0	0.0	0.0
53.1	56.8	60.8	64.5	74.8	78.4	101.1	155°	0.0	0.0	0.0	0.0	0.0
53.7	56.8	61.9	72.2	72.8	74.3	95.0	157.5°	0.0	0.0	0.0	0.0	0.0
53.7	58.3	69.1	75.4	69.1	70.2	89.3	160°	0.0	0.0	0.0	0.0	0.0
54.2	60.4	71.8	70.2	67.0	65.6	83.0	162.5°	0.0	0.0	0.0	0.0	0.0
54.2	59.4	68.6	66.0	61.9	62.4	75.9	165°	0.0	0.0	0.0	0.0	0.0
52.6	59.4	66.0	59.8	56.8	59.4	69.7	167.5°	0.0	0.0	0.0	0.0	0.0
51.7	60.8	58.7	55.2	55.2	57.9	66.6	170°	0.0	0.0	0.0	0.0	0.0
51.0	62.4	55.8	53.7	53.7	57.3	64.9	172.5°	0.0	0.0	0.0	0.0	0.0
49.6	58.3	51.0	50.0	51.7	54.2	62.9	175°	0.0	0.0	0.0	0.0	0.0
46.4	48.5	46.9	46.9	49.0	52.1	61.9	177.5°	0.0	0.0	0.0	0.0	0.0
42.8	43.8	43.8	44.4	46.4	49.0	62.9	180°	0.0	0.0	0.0	0.0	0.0
39.7	39.7	40.7	41.3	42.8	46.4	60.4						
36.1	36.7	36.7	37.7	38.6	42.3	58.3						
32.0	32.0	33.0	33.0	34.6	38.2	52.1						
27.8	27.8	27.8	28.4	29.5	33.0	42.8						
23.3	23.3	23.3	23.7	24.3	27.4	32.5						
18.5	18.1	17.6	17.6	18.5	21.2	25.3						
12.8	12.8	12.4	12.4	12.4	13.9	17.0						
7.3	6.2	6.6	7.3	6.6	7.7	9.3						
0.4	1.1	1.5	2.1	2.1	2.1	3.1						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						

REPORT NUMBER: P271645

CATALOG NUMBER: IST-AF-600-LED-E1-SLL-7027

CANDELA DISTRIBUTION (continued):

295°	300°	305°	310°	315°	320°		325°	330°	335°	340°	345°	350°
0.0	0.0	0.0	0.0	0.0	0.0	0°	1012.9	1012.9	1012.9	1012.9	1012.9	1012.9
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	953.6	966.9	988.1	992.3	1009.2	1021.1
0.0	0.0	0.0	0.0	0.0	0.0	5°	808.0	840.1	851.3	873.6	912.3	931.9
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	666.6	690.9	718.3	753.9	782.2	815.8
0.0	0.0	0.0	0.0	0.0	0.0	10°	548.4	583.1	618.7	647.6	687.3	727.5
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	487.2	506.1	541.3	582.0	631.6	676.4
0.0	0.0	0.0	0.0	0.0	0.0	15°	455.1	477.8	515.4	558.8	611.5	667.2
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	415.4	451.5	494.2	556.2	624.3	701.8
0.0	0.0	0.0	0.0	0.0	0.0	20°	376.2	420.0	476.2	557.8	652.2	752.8
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	341.5	393.6	465.0	567.1	687.8	821.9
0.0	0.0	0.0	0.0	0.0	0.0	25°	300.8	370.6	456.1	586.1	742.4	914.8
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	268.3	348.4	443.2	602.7	792.6	1004.1
0.0	0.0	0.0	0.0	0.0	0.0	30°	232.2	322.5	425.2	608.3	853.5	1077.3
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	203.3	298.2	404.6	603.2	880.8	1128.5
0.0	0.0	0.0	0.0	0.0	0.0	35°	189.4	280.7	387.0	585.2	903.4	1183.7
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	180.1	261.6	369.9	555.2	929.3	1238.3
0.0	0.0	0.0	0.0	0.0	0.0	40°	168.3	246.7	356.1	533.5	949.4	1283.8
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	157.3	233.2	345.2	514.4	954.6	1324.6
0.0	0.0	0.0	0.0	0.0	0.0	45°	148.1	224.9	337.0	515.4	958.2	1381.3
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	140.9	217.2	333.8	533.1	996.4	1460.3
0.0	0.0	0.0	0.0	0.0	0.0	50°	134.2	210.6	328.7	567.1	1057.8	1567.0
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	126.4	201.2	322.0	602.1	1124.9	1710.0
0.0	0.0	0.0	0.0	0.0	0.0	55°	116.2	188.8	314.8	631.6	1216.1	1883.8
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	100.1	174.5	310.2	646.5	1272.4	1984.0
0.0	0.0	0.0	0.0	0.0	0.0	59°	91.9	160.4	307.5	639.3	1287.5	2001.1
0.0	0.0	0.0	0.0	0.0	0.0	60°	87.1	152.3	303.4	630.5	1291.5	1990.1
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	80.9	132.6	286.4	586.8	1233.7	1859.1
0.0	0.0	0.0	0.0	0.0	0.0	65°	82.6	125.4	247.7	499.5	1101.1	1603.1
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	84.6	122.3	214.2	403.5	877.7	1326.5
						70°	83.0	120.7	194.6	321.0	657.4	993.3
						72.5°	80.9	114.1	168.7	258.0	416.9	695.6
						75°	71.8	96.0	132.6	177.0	263.1	506.7
						77.5°	56.2	73.8	94.0	110.0	133.7	357.5
						80°	41.3	53.7	61.4	66.0	74.3	244.1
						82.5°	29.5	36.1	39.3	41.8	49.6	182.6
						85°	22.2	25.3	27.4	27.4	33.6	129.0
						87.5°	12.4	12.8	12.8	13.9	16.5	35.0
						90°	3.6	3.6	3.1	3.6	2.5	2.1
						92.5°	0.0	0.0	0.0	0.0	0.0	0.0
						95°	0.0	0.0	0.0	0.0	0.0	0.0
						97.5°	0.0	0.0	0.0	0.0	0.0	0.0
						100°	0.0	0.0	0.0	0.0	0.0	0.0
						102.5°	0.0	0.0	0.0	0.0	0.0	0.0
						105°	0.0	0.0	0.0	0.0	0.0	0.0
						107.5°	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1012.9	1012.9	1012.9	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1034.6	1042.3	1048.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
961.8	980.9	984.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
852.9	883.9	894.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
772.9	806.5	817.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
729.2	768.3	780.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
730.1	777.0	795.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
777.7	831.2	853.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.0	937.0	953.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
969.5	1045.9	1070.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073.3	1174.4	1193.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1175.4	1275.5	1292.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1254.3	1359.1	1373.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.2	1448.3	1464.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1414.8	1545.4	1563.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1491.3	1640.8	1652.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1575.9	1718.7	1721.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1645.0	1776.6	1777.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1712.1	1830.7	1831.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1782.2	1890.0	1882.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1893.2	1960.2	1968.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2061.9	2121.8	2130.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2258.0	2341.1	2329.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2341.1	2436.0	2445.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2327.1	2456.7	2473.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2304.9	2450.5	2470.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2179.0	2386.0	2417.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967.5	2252.3	2296.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1695.6	2052.5	2088.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1323.0	1668.2	1698.7								
879.2	1145.5	1198.1								
558.8	738.9	729.2								
412.3	480.4	481.0								
299.2	329.7	326.2								
231.8	201.2	200.7								
80.9	71.2	69.7								
35.0	29.5	29.9								
1.5	1.5	2.1								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								

[illegible]

(END OF REPORT)