

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: P271625

Luminaire Tested: **IST-AF-350-LED-E1-SLL-7027**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271625  
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-350-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**

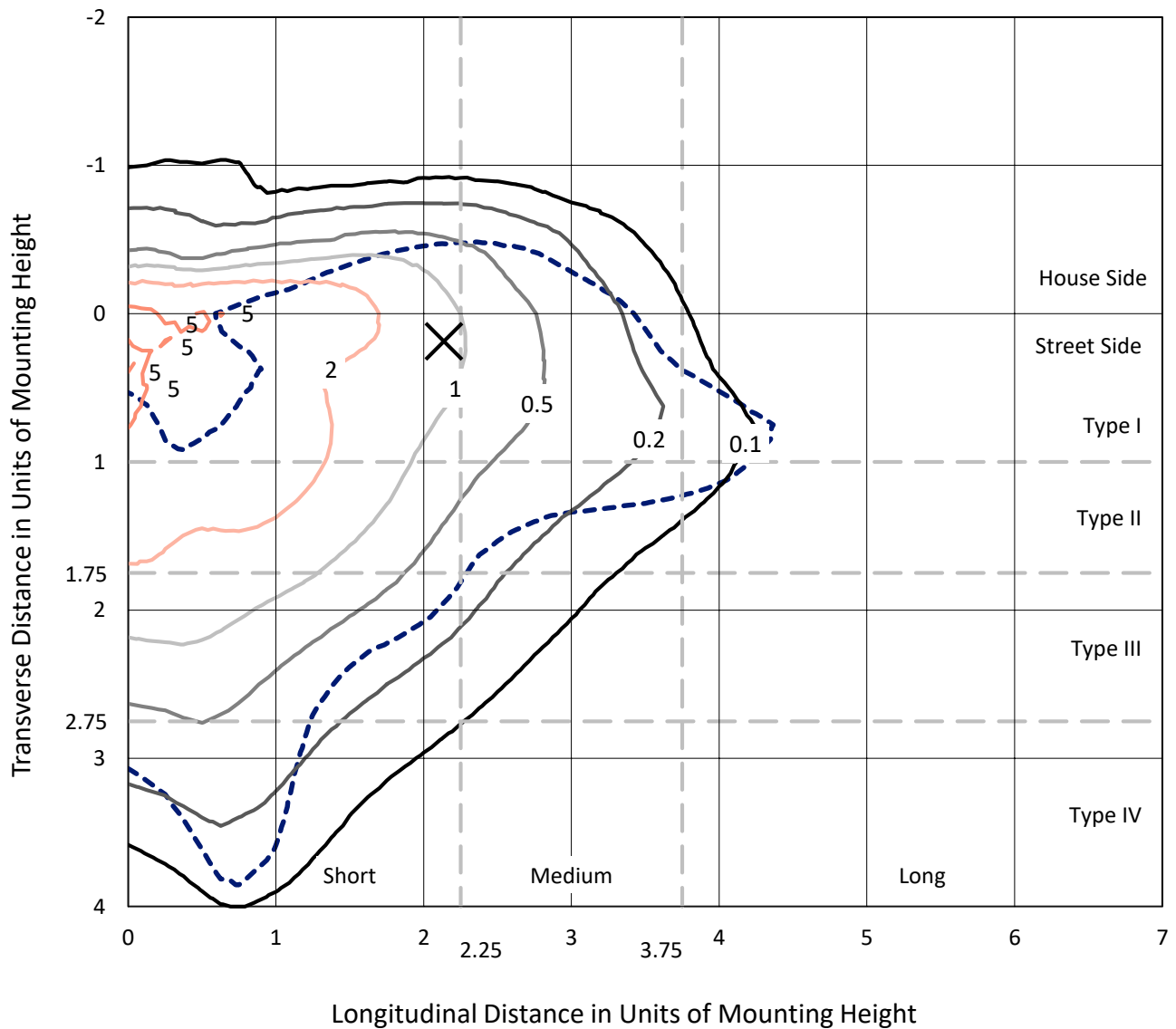
Lumens per Lamp: N/A  
Luminaire Lumens: 1871.8 lumens  
Efficiency: N/A  
Efficacy: 93.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U1 - G1  
  
Input Watts (W): 20.09  
Input Voltage (V): 120  
Input Current (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

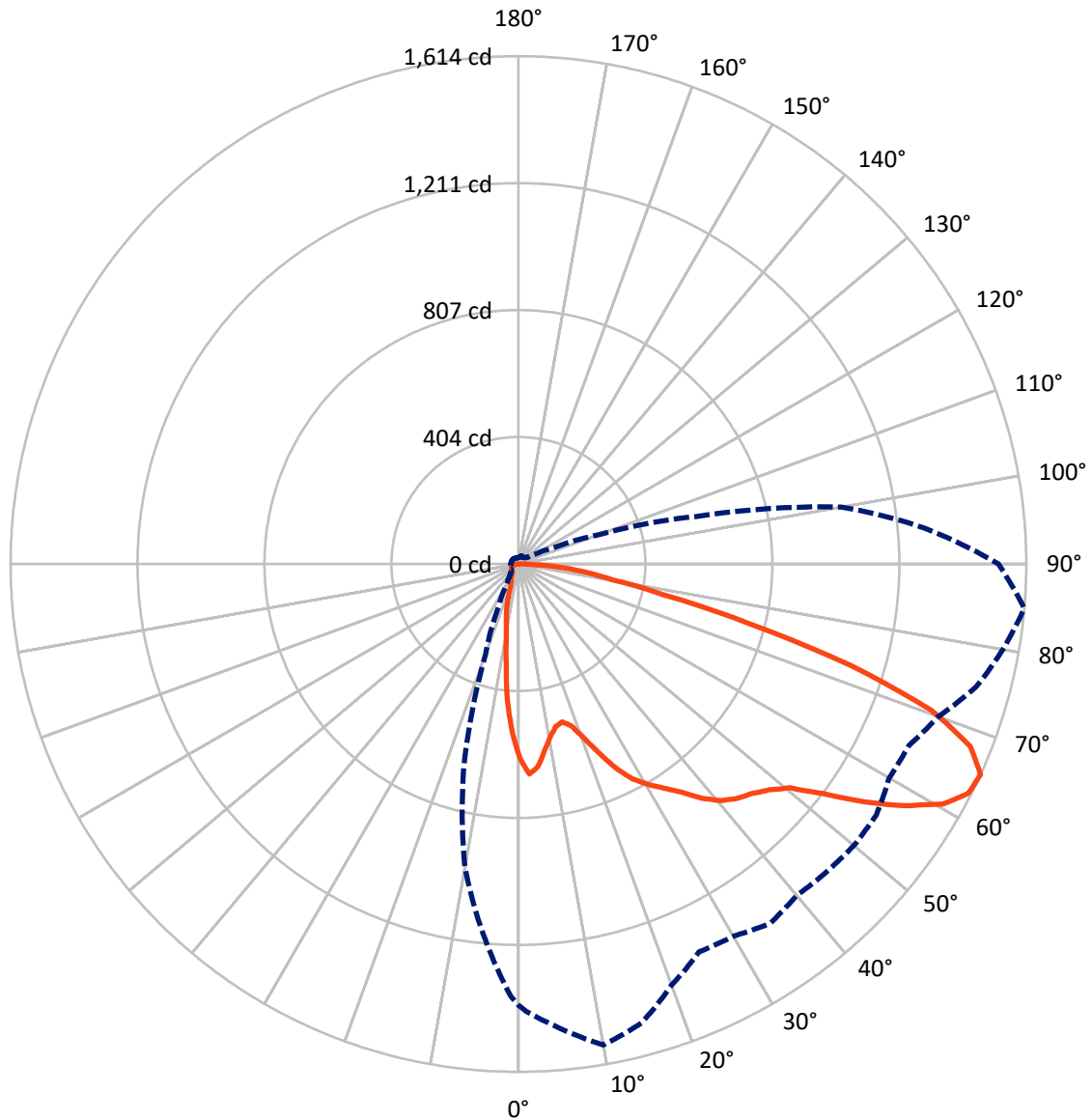
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.8 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 85-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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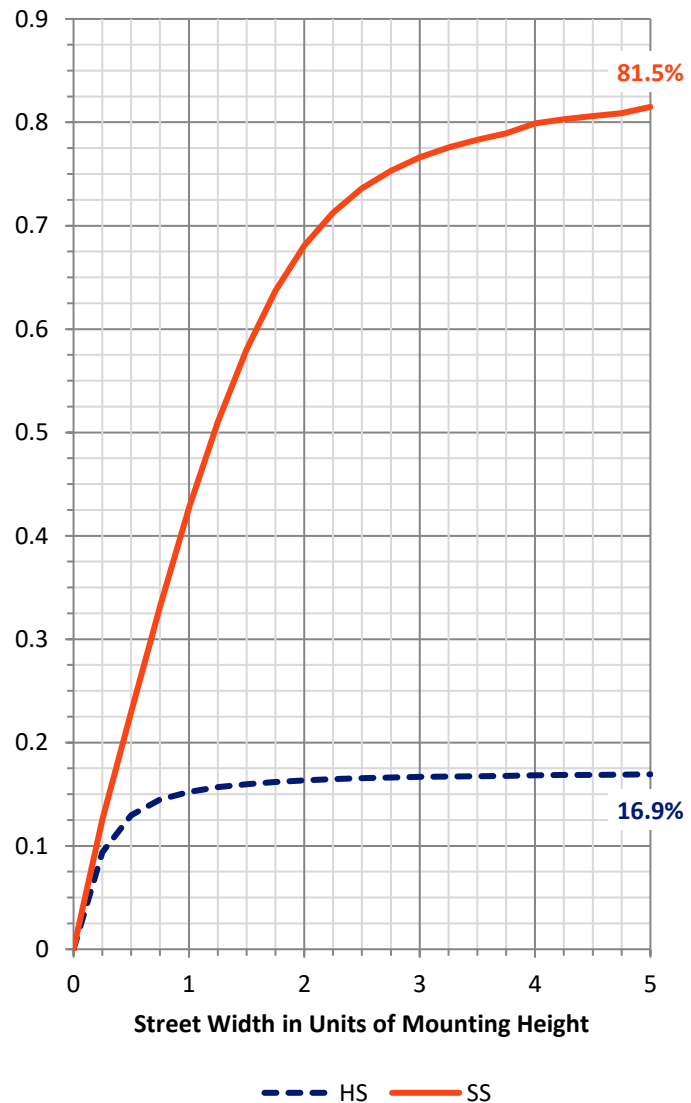
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	321.1	0.0	321.1
	% Fixture	17.2	0.0	17.2
<b>Street Side</b>	Lumens	1550.7	0.1	1550.7
	% Fixture	82.8	0.0	82.8
<b>Total</b>	Lumens	1871.7	0.1	1871.8
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	45.8	2.4
10°-20°	88.1	4.7
20°-30°	125.7	6.7
30°-40°	182.3	9.7
40°-50°	260.9	13.9
50°-60°	400.5	21.4
60°-70°	463.6	24.8
70°-80°	236.5	12.6
80°-90°	68.3	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°	1871.7	100.0
0°-180°	1871.8	100.0



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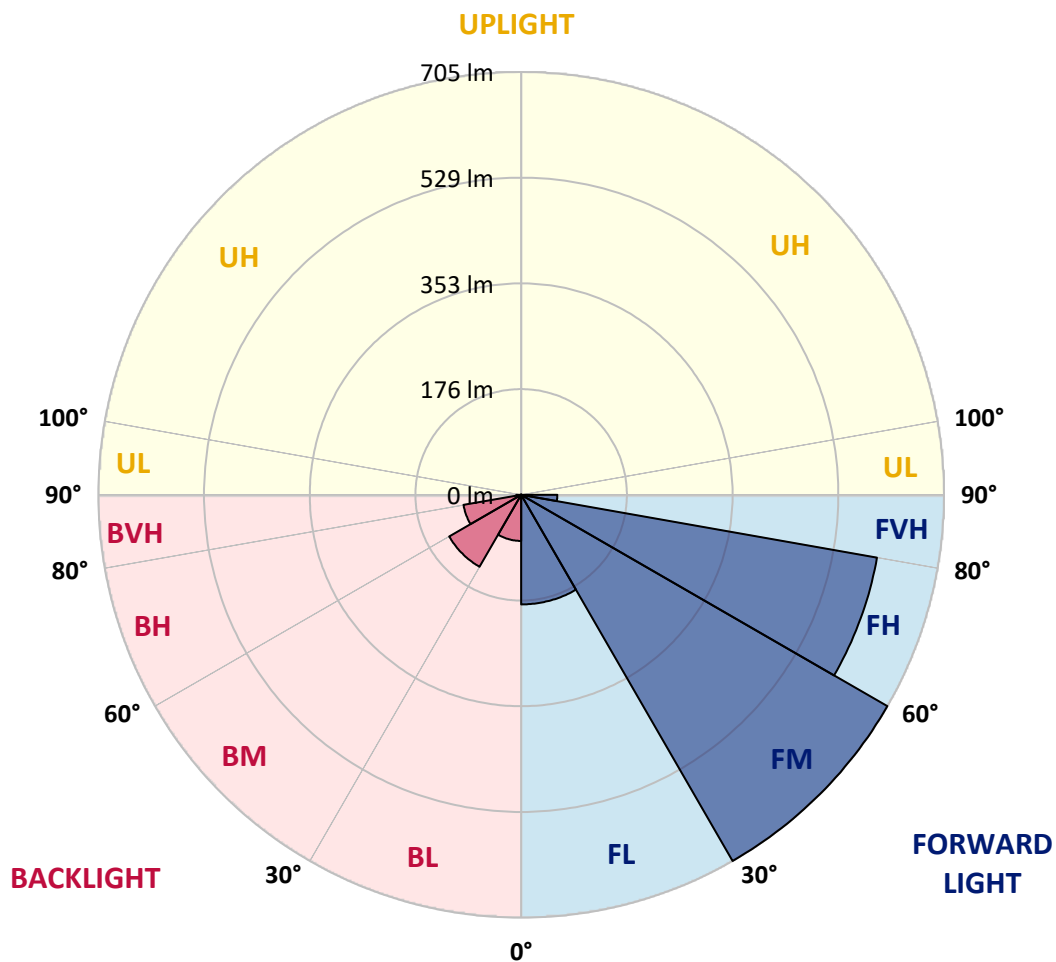
CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7027

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	182.8	9.8			
FM	(30°-60°)	705.1	37.7			
FH	(60°-80°)	602.4	32.2			G0/660
FVH	(80°-90°)	60.3	3.2			G1/100
BL	(0°-30°)	76.9	4.1	B0/110		
BM	(30°-60°)	138.6	7.4	B0/220		
BH	(60°-80°)	97.6	5.2	B0/110		G0/110
BVH	(80°-90°)	7.9	0.4			G0/10
UL	(90°-100°)	0.1	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U1/10	

**BUG Rating: B0-U1-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3
2.5°	640.1	640.7	649.6	658.1	668.8	667.2	676.1	682.6	688.6	689.6	694.0
5°	601.1	607.3	627.2	644.3	665.6	682.4	700.3	714.4	724.8	734.6	735.9
7.5°	546.2	551.0	573.9	600.8	631.6	653.7	680.7	704.5	721.1	736.8	740.2
10°	499.3	503.7	529.2	563.9	590.9	619.7	647.7	666.9	688.6	702.1	708.9
12.5°	476.6	482.0	506.3	537.7	565.4	593.2	614.4	631.0	643.3	645.8	647.7
15°	485.4	488.3	515.1	543.0	565.1	579.0	584.7	594.8	593.8	598.8	599.8
17.5°	521.1	519.8	548.1	567.7	578.4	576.8	568.0	562.6	553.2	550.3	558.6
20°	582.1	586.5	604.8	616.8	605.7	580.2	556.1	539.3	526.0	521.6	520.7
22.5°	653.7	659.4	679.2	672.9	644.8	598.2	554.2	527.3	511.0	506.3	504.4
25°	728.6	732.4	742.4	721.1	681.7	621.2	567.3	529.8	508.1	501.2	500.3
27.5°	789.1	792.8	788.2	763.6	706.6	647.0	585.7	541.2	512.8	505.9	502.7
30°	838.6	840.5	824.7	794.1	737.5	675.7	609.6	561.0	527.9	512.2	510.0
32.5°	894.0	892.7	862.2	820.1	763.6	701.6	637.0	583.4	542.5	523.3	519.8
35°	954.8	943.8	890.0	845.5	781.5	721.4	661.8	607.1	565.8	540.2	535.7
37.5°	1009.0	997.7	925.5	865.7	799.5	736.8	681.4	637.5	601.3	578.1	576.2
40°	1051.2	1037.4	952.7	879.2	808.4	748.2	704.5	676.1	652.1	633.1	633.1
42.5°	1085.2	1070.2	979.1	894.9	816.2	765.4	742.8	733.1	728.0	717.6	721.4
45°	1118.0	1102.5	1000.8	905.0	833.9	799.2	802.4	810.8	825.9	820.1	825.4
47.5°	1149.2	1134.0	1025.3	921.1	867.9	859.7	876.0	910.1	939.6	963.1	979.4
50°	1201.4	1183.4	1069.4	968.4	921.4	925.5	972.8	1039.6	1087.8	1109.1	1107.9
52.5°	1300.7	1275.1	1164.3	1056.6	997.9	1020.7	1076.3	1160.5	1223.5	1240.2	1246.8
55°	1421.9	1401.9	1301.4	1173.5	1130.9	1138.8	1208.1	1303.2	1351.7	1369.1	1374.8
57.5°	1493.2	1487.9	1424.8	1298.5	1257.2	1254.0	1344.4	1422.3	1464.1	1480.6	1475.6
59°	1509.8	1511.5	1475.6	1387.1	1330.3	1323.3	1415.4	1487.5	1522.4	1527.5	1525.1
60°	1508.3	1517.1	1512.7	1435.5	1376.7	1367.8	1445.2	1513.9	1543.3	1551.1	1542.3
62.5°	1475.8	1491.0	1532.9	1524.6	1481.6	1436.5	1473.0	1522.8	1541.7	1534.1	1527.5
65°	1402.2	1421.9	1480.2	1552.7	1511.1	1424.2	1360.2	1366.0	1394.6	1375.7	1384.7
67.5°	1274.9	1297.5	1328.4	1492.8	1432.3	1286.6	1176.6	1122.7	1109.1	1127.5	1156.4
70°	1037.0	1051.8	1130.0	1362.4	1257.9	1057.6	919.5	847.7	823.7	866.0	895.6
72.5°	731.5	753.5	856.5	1127.5	1034.8	847.1	695.8	629.7	605.7	607.6	633.5
75°	445.1	475.0	598.5	891.5	815.6	648.9	530.2	482.6	475.3	471.3	466.8
77.5°	293.6	305.0	393.5	615.2	550.0	461.5	397.9	417.4	439.1	443.9	449.5
80°	199.1	202.6	255.2	431.5	362.3	340.9	321.6	367.7	408.9	416.5	412.3
82.5°	122.6	132.9	178.0	291.1	288.9	278.7	254.2	290.2	317.6	322.2	330.8
85°	42.5	44.5	109.3	257.1	293.6	296.7	209.5	165.4	185.9	182.4	131.1
87.5°	18.2	20.5	34.0	171.9	198.7	164.4	95.8	85.1	65.6	36.9	35.7
90°	1.3	1.3	1.0	1.5	4.7	3.1	2.9	1.0	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



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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°	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3
2.5°	693.0	688.9	691.4	688.0	682.4	678.5	674.1	668.5	661.8	653.0	644.3
5°	733.1	730.0	722.0	710.6	694.9	681.7	665.9	647.4	631.9	612.0	593.5
7.5°	736.5	731.5	716.9	695.8	671.7	647.0	628.5	598.2	578.7	547.2	526.0
10°	705.0	705.3	690.9	670.9	645.8	616.8	590.1	556.9	528.2	496.1	460.9
12.5°	658.6	663.1	663.8	646.2	621.4	590.9	561.0	529.6	494.0	459.7	427.1
15°	606.1	618.8	619.7	615.2	602.3	576.5	549.0	520.7	484.5	447.0	410.4
17.5°	559.1	571.1	582.1	592.3	592.8	580.6	563.9	539.6	503.4	459.3	416.5
20°	523.5	536.5	555.3	573.9	594.4	600.8	602.0	586.5	547.8	494.0	435.9
22.5°	508.7	523.9	543.0	578.1	614.4	636.7	649.3	649.3	608.6	545.6	468.1
25°	505.6	518.0	547.2	590.6	639.1	678.2	702.1	718.3	688.9	612.0	507.8
27.5°	507.8	524.5	560.7	605.2	655.9	706.0	745.3	773.4	746.0	657.4	544.6
30°	516.6	541.5	579.0	625.0	677.3	730.2	777.8	813.3	793.2	698.7	579.7
32.5°	532.1	562.2	604.8	646.4	698.4	755.7	802.6	849.5	834.7	727.4	598.2
35°	555.1	590.6	629.4	671.3	721.1	778.4	828.5	890.0	884.5	763.3	616.8
37.5°	592.3	628.7	664.4	700.3	747.5	803.3	865.7	944.1	939.6	816.5	646.7
40°	657.8	679.2	705.6	728.6	773.0	826.4	893.1	988.9	1004.6	862.2	673.2
42.5°	739.0	751.6	759.2	765.4	788.2	838.3	912.9	1018.8	1044.5	896.1	693.6
45°	842.7	838.8	823.7	809.2	806.8	845.1	922.0	1040.8	1076.1	929.3	714.4
47.5°	965.2	957.1	915.7	868.2	841.7	857.8	938.1	1073.3	1114.9	972.8	740.2
50°	1106.6	1087.4	1020.0	939.6	890.8	893.4	978.7	1118.3	1165.9	1029.5	788.5
52.5°	1237.7	1203.4	1123.0	1016.8	946.9	955.4	1051.8	1211.5	1270.5	1123.3	869.4
55°	1353.3	1309.2	1222.5	1106.4	1043.0	1057.8	1168.7	1335.0	1390.8	1235.2	951.3
57.5°	1451.6	1404.6	1319.3	1216.9	1138.2	1150.4	1273.0	1449.7	1487.1	1335.7	1029.7
59°	1496.3	1450.0	1371.3	1276.7	1203.0	1228.9	1346.6	1506.6	1522.8	1374.4	1059.7
60°	1518.0	1471.7	1402.4	1310.2	1242.7	1276.7	1385.7	1549.8	1536.0	1380.1	1071.0
62.5°	1516.5	1484.0	1438.4	1375.3	1363.1	1419.8	1512.7	1605.3	1545.2	1363.6	1078.2
65°	1392.0	1389.2	1360.8	1368.1	1419.4	1507.1	1563.9	1614.4	1526.2	1298.5	1043.3
67.5°	1161.1	1172.7	1176.6	1221.0	1341.0	1489.7	1539.8	1549.6	1444.0	1158.9	934.7
70°	896.5	870.6	913.3	991.7	1164.7	1356.1	1427.4	1393.3	1275.9	970.6	763.3
72.5°	634.7	642.3	703.5	805.2	981.3	1179.7	1291.2	1105.7	959.9	726.4	541.2
75°	477.6	513.1	542.8	631.9	797.0	1010.5	1102.5	760.1	625.3	500.9	354.1
77.5°	457.8	454.9	432.3	451.1	574.6	707.9	786.6	474.5	391.5	327.6	213.9
80°	423.0	398.8	357.5	339.3	361.9	454.5	499.3	305.0	260.5	229.0	120.6
82.5°	328.2	311.8	268.4	267.2	301.8	322.9	343.3	216.1	195.9	185.5	74.0
85°	208.2	213.9	219.3	267.4	334.9	338.6	267.2	131.7	103.3	145.5	47.3
87.5°	61.7	100.5	121.9	207.0	301.8	302.7	201.0	43.2	38.8	45.4	27.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	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: P271625

CATALOG NUMBER: IST-AF-350-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: P271625

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7027

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3
2.5°	635.0	633.8	625.0	610.2	611.5	604.5	595.7	581.6	578.7	570.9	569.5
5°	577.7	562.9	543.7	520.4	511.6	499.5	487.3	478.4	467.5	457.3	470.9
7.5°	501.2	479.4	457.1	432.5	418.3	398.8	388.3	368.2	353.4	350.6	338.9
10°	437.3	409.9	384.4	362.3	335.8	317.6	304.3	293.3	283.1	270.9	263.3
12.5°	394.7	363.8	336.8	309.4	296.7	281.6	273.4	263.0	248.5	238.1	228.1
15°	375.5	342.2	312.5	288.5	270.3	256.1	241.6	229.0	213.3	201.6	189.9
17.5°	373.0	329.5	291.9	265.2	245.3	230.0	210.7	194.0	174.8	162.0	152.2
20°	375.9	320.1	273.2	238.1	218.0	190.9	172.9	152.4	133.6	116.6	101.1
22.5°	387.2	315.0	254.5	216.1	186.2	155.2	136.1	110.0	93.9	77.5	71.5
25°	402.6	311.8	238.5	191.9	154.0	123.4	97.4	75.5	68.3	64.3	62.1
27.5°	419.0	306.2	220.5	169.5	128.2	91.1	72.8	63.6	60.7	58.6	57.0
30°	431.3	295.1	198.4	145.5	102.0	77.8	64.9	58.9	57.0	54.4	52.9
32.5°	436.6	278.1	178.7	122.9	86.0	66.7	56.8	53.2	51.3	49.1	48.1
35°	435.7	258.9	168.5	114.1	78.7	59.2	49.8	47.6	45.1	42.8	40.6
37.5°	436.6	241.4	160.7	111.7	75.5	53.6	45.4	43.7	42.0	39.6	37.8
40°	440.3	231.5	156.8	107.1	73.1	51.3	42.0	40.3	40.1	37.5	35.9
42.5°	442.0	232.5	155.0	100.5	66.7	50.8	42.0	38.4	38.4	36.5	34.7
45°	440.1	239.4	156.2	96.7	62.1	47.6	44.1	38.4	37.5	35.9	34.0
47.5°	445.8	244.5	156.2	96.1	58.9	44.5	42.0	42.2	38.1	36.2	33.3
50°	469.1	249.2	153.1	95.1	58.0	41.2	39.6	41.6	42.8	36.9	33.7
52.5°	510.2	255.2	149.7	93.5	56.8	38.8	36.9	39.1	43.7	38.8	33.7
55°	552.5	265.9	147.4	91.1	54.8	37.2	33.3	37.5	40.1	38.4	33.3
57.5°	597.6	277.6	145.3	85.1	50.5	35.7	32.1	32.8	35.9	37.2	32.5
59°	611.2	283.1	143.3	80.7	46.6	34.3	31.2	30.3	32.1	35.7	31.8
60°	620.9	283.5	141.1	76.9	44.5	33.7	30.5	29.3	29.9	36.5	32.1
62.5°	621.9	283.1	134.2	69.0	40.1	32.5	29.6	28.0	27.4	30.5	32.8
65°	582.8	270.0	121.6	64.9	40.3	31.2	28.0	26.8	25.5	26.1	28.4
67.5°	509.7	236.0	108.3	65.8	42.5	30.3	26.8	25.5	24.5	24.0	25.0
70°	385.6	195.9	104.7	68.0	44.5	29.6	25.0	23.6	23.0	22.6	22.6
72.5°	267.2	161.2	100.5	69.6	46.0	29.3	23.0	21.6	21.4	21.1	21.1
75°	171.9	117.2	83.1	59.2	42.0	26.8	20.8	19.5	19.2	19.0	19.2
77.5°	101.8	81.8	61.2	41.6	30.5	21.4	18.0	17.0	17.0	17.0	17.3
80°	56.4	48.5	40.6	26.8	21.6	16.1	14.8	13.8	13.8	14.1	14.8
82.5°	33.7	26.8	23.0	17.0	14.8	11.4	11.0	10.4	10.7	11.0	11.7
85°	22.1	17.0	13.8	11.4	10.2	7.3	6.3	6.6	7.0	7.5	7.8
87.5°	12.3	9.4	7.5	6.6	6.0	3.1	2.5	2.5	3.1	3.9	4.4
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: P271625  
 CATALOG NUMBER: IST-AF-350-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°



271625  
 IST-AF-350-LED-E1-SLL-7027

REPORT NUMBER: P271625  
 CATALOG NUMBER: IST-AF-350

**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°	618.3	618.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	535.7	535.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	439.8	436.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	340.9	351.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	245.7	253.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	171.0	174.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	117.8	125.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	91.6	92.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	75.5	76.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	67.1	68.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	56.4	57.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	49.8	51.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	45.6	46.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	41.6	41.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	38.1	38.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	35.7	36.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	33.3	33.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	30.3	30.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	27.4	27.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	25.5	25.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	24.3	24.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	23.6	24.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	23.4	24.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	23.4	23.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	23.0	23.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	23.0	23.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	22.1	22.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	21.4	22.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	20.5	21.4
										70°	19.5	20.5
										72.5°	18.2	19.5
										75°	17.0	18.0
										77.5°	15.5	16.3
										80°	13.6	13.8
										82.5°	11.4	11.4
										85°	8.5	7.5
										87.5°	4.7	5.0
										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



REPORT NUMBER: P271625

CATALOG NUMBER: IST-AF-350-LED-E1-S

0-LED-E1-SLL-7027

**tinued):**

**CANDELA DISTRIBUTION (continued):**

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	618.3	110°	0.0	0.0	0.0
528.9	528.9	538.4	539.3	528.2	531.1	536.5	530.2	537.1	112.5°	0.0	0.0	0.0
443.9	440.1	440.3	437.8	442.2	437.3	442.5	440.7	439.1	115°	0.0	0.0	0.0
344.6	351.2	346.6	337.3	344.6	338.9	328.2	329.2	317.2	117.5°	0.0	0.0	0.0
258.9	254.2	251.6	247.3	235.6	237.8	225.8	227.8	231.9	120°	0.0	0.0	0.0
178.7	175.2	179.2	176.3	171.7	172.7	175.2	177.7	184.3	122.5°	0.0	0.0	0.0
125.3	123.8	122.9	124.8	130.2	132.9	137.0	144.5	148.4	125°	0.0	0.0	0.0
94.2	94.5	93.5	96.4	100.8	103.0	103.9	104.7	109.1	127.5°	0.0	0.0	0.0
77.8	79.1	78.7	79.7	78.4	77.2	78.2	76.3	74.6	130°	0.0	0.0	0.0
68.0	68.3	66.7	66.5	64.6	63.0	61.7	61.7	61.2	132.5°	0.0	0.0	0.0
57.6	58.0	56.4	56.4	56.1	57.0	56.4	55.2	54.8	135°	0.0	0.0	0.0
51.7	51.0	50.0	50.0	49.5	49.5	49.8	50.0	49.8	137.5°	0.0	0.0	0.0
46.4	45.6	45.4	45.6	45.4	45.6	46.0	45.6	46.0	140°	0.0	0.0	0.0
42.5	42.0	42.0	42.2	42.0	42.2	42.2	42.2	42.0	142.5°	0.0	0.0	0.0
39.3	38.8	38.8	38.8	38.4	37.8	37.2	36.2	35.2	145°	0.0	0.0	0.0
36.9	36.5	35.9	35.7	34.7	32.8	32.1	32.1	32.1	147.5°	0.0	0.0	0.0
34.7	34.0	33.7	32.5	31.2	30.5	30.5	30.5	30.5	150°	0.0	0.0	0.0
31.8	30.9	30.3	29.9	29.6	29.6	29.3	29.3	29.3	152.5°	0.0	0.0	0.0
28.4	28.0	28.0	28.4	28.4	28.4	28.4	28.0	28.4	155°	0.0	0.0	0.0
26.1	26.1	26.5	26.8	27.1	27.4	27.7	27.4	27.7	157.5°	0.0	0.0	0.0
25.2	25.2	25.2	25.8	26.1	26.5	27.1	27.1	27.1	160°	0.0	0.0	0.0
24.5	24.5	25.0	25.2	25.5	25.8	26.1	26.5	26.8	162.5°	0.0	0.0	0.0
24.3	24.5	24.3	24.5	25.0	25.5	25.8	25.8	26.1	165°	0.0	0.0	0.0
24.3	24.3	24.3	24.3	25.0	25.2	25.0	25.2	25.5	167.5°	0.0	0.0	0.0
24.3	24.3	24.0	24.3	24.5	25.0	24.5	24.5	25.2	170°	0.0	0.0	0.0
24.0	24.3	24.0	24.0	24.3	24.5	24.3	24.5	25.0	172.5°	0.0	0.0	0.0
23.4	23.6	23.4	23.6	23.6	24.0	24.0	24.0	24.3	175°	0.0	0.0	0.0
22.6	22.6	22.6	23.0	23.0	23.4	23.4	23.6	23.4	177.5°	0.0	0.0	0.0
22.1	22.1	22.1	22.4	22.4	22.6	23.0	22.6	22.6	180°	0.0	0.0	0.0
21.4	21.1	20.8	21.1	21.4	21.4	21.6	21.4	21.6				
20.5	20.1	19.9	19.9	20.1	20.1	20.5	20.1	20.1				
19.0	19.0	18.2	18.2	18.2	18.2	18.5	18.2	18.0				
17.0	17.0	16.3	16.3	16.3	16.3	16.1	16.1	16.1				
14.1	14.6	14.6	14.1	14.1	13.8	13.8	13.6	13.3				
10.7	11.4	11.7	11.7	11.7	11.7	11.7	11.0	10.4				
7.5	8.5	9.4	9.4	9.2	9.2	9.2	8.2	7.3				
4.7	5.7	6.0	6.6	5.7	5.4	5.4	4.7	4.4				
0.0	0.0	0.6	0.3	1.0	1.0	1.3	0.6	0.3				
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				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				



REPORT NUMBER: P271625

CATALOG NUMBER: IST-AF-350-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°	618.3	618.3	618.3	618.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	531.1	542.8	544.4	545.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	436.6	448.3	441.7	444.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	318.8	311.3	321.1	327.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	232.8	241.6	245.3	252.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	193.0	198.7	205.7	216.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	156.6	160.7	169.5	180.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	114.1	120.0	125.8	134.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	76.5	79.1	86.0	90.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	61.4	62.3	63.6	67.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	55.2	55.8	56.8	58.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	50.0	50.5	51.3	52.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	45.6	45.4	45.6	46.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	41.0	41.0	41.6	41.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	35.2	34.9	35.7	36.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	32.5	32.8	33.3	34.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	30.9	31.2	31.8	32.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	29.3	29.9	30.5	31.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	28.4	28.9	29.9	30.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	28.0	28.7	29.6	30.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	27.4	28.4	29.3	30.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	27.4	28.0	28.9	30.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	26.5	27.4	28.4	29.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	25.8	26.5	27.7	29.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	25.5	26.1	27.4	29.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	25.0	25.8	27.1	28.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	24.3	25.2	26.5	28.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	23.4	24.5	25.8	27.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	22.6	23.4	24.5	25.8
								70°	21.4	22.1	23.0	24.0
								72.5°	19.9	20.1	20.8	21.6
								75°	17.7	18.0	18.2	19.2
								77.5°	15.5	15.5	15.7	17.0
								80°	12.9	12.9	13.3	13.8
								82.5°	9.7	9.7	10.4	11.4
								85°	7.0	6.6	7.5	8.2
								87.5°	4.1	3.9	4.1	4.1
								90°	0.3	1.0	0.6	0.6
								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: P271625

CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7027

**CANDELA DISTRIBUTION (continued):**

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
618.3	618.3	618.3	618.3	618.3	618.3	618.3	110°	0.0	0.0	0.0	0.0	0.0
552.2	549.0	551.6	561.4	564.9	569.3	584.1	112.5°	0.0	0.0	0.0	0.0	0.0
451.4	455.5	451.4	471.3	472.1	485.4	490.8	115°	0.0	0.0	0.0	0.0	0.0
331.7	337.0	345.8	359.1	362.8	381.8	397.9	117.5°	0.0	0.0	0.0	0.0	0.0
258.9	265.9	278.1	286.3	294.6	305.5	318.4	120°	0.0	0.0	0.0	0.0	0.0
230.0	237.2	247.9	258.4	270.0	278.5	289.2	122.5°	0.0	0.0	0.0	0.0	0.0
192.1	203.5	213.9	227.5	237.2	252.6	265.2	125°	0.0	0.0	0.0	0.0	0.0
146.9	162.5	172.9	189.4	204.2	217.7	234.6	127.5°	0.0	0.0	0.0	0.0	0.0
102.0	114.4	127.6	145.3	164.4	183.1	205.7	130°	0.0	0.0	0.0	0.0	0.0
70.2	76.9	87.0	105.2	125.0	151.8	176.3	132.5°	0.0	0.0	0.0	0.0	0.0
59.8	62.3	66.1	75.0	91.6	120.9	148.0	135°	0.0	0.0	0.0	0.0	0.0
53.2	55.2	57.6	62.1	70.9	91.1	120.9	137.5°	0.0	0.0	0.0	0.0	0.0
48.8	51.0	53.6	56.8	61.4	75.3	97.6	140°	0.0	0.0	0.0	0.0	0.0
42.8	44.5	46.6	50.0	53.6	64.6	86.2	142.5°	0.0	0.0	0.0	0.0	0.0
37.8	39.6	42.5	45.1	48.5	57.3	78.4	145°	0.0	0.0	0.0	0.0	0.0
35.2	37.2	39.6	42.0	44.5	51.7	72.8	147.5°	0.0	0.0	0.0	0.0	0.0
33.7	35.7	38.1	40.1	41.6	49.8	70.6	150°	0.0	0.0	0.0	0.0	0.0
32.8	34.9	37.2	38.4	41.6	50.8	65.1	152.5°	0.0	0.0	0.0	0.0	0.0
32.5	34.7	37.2	39.3	45.6	47.9	61.7	155°	0.0	0.0	0.0	0.0	0.0
32.8	34.7	37.8	44.1	44.5	45.4	58.0	157.5°	0.0	0.0	0.0	0.0	0.0
32.8	35.7	42.2	46.0	42.2	42.8	54.4	160°	0.0	0.0	0.0	0.0	0.0
33.1	36.9	43.7	42.8	41.0	40.1	50.8	162.5°	0.0	0.0	0.0	0.0	0.0
33.1	36.2	42.0	40.3	37.8	38.1	46.4	165°	0.0	0.0	0.0	0.0	0.0
32.1	36.2	40.3	36.5	34.7	36.2	42.5	167.5°	0.0	0.0	0.0	0.0	0.0
31.5	37.2	35.9	33.7	33.7	35.2	40.6	170°	0.0	0.0	0.0	0.0	0.0
31.2	38.1	34.0	32.8	32.8	34.9	39.6	172.5°	0.0	0.0	0.0	0.0	0.0
30.3	35.7	31.2	30.5	31.5	33.1	38.4	175°	0.0	0.0	0.0	0.0	0.0
28.4	29.6	28.7	28.7	29.9	31.8	37.8	177.5°	0.0	0.0	0.0	0.0	0.0
26.1	26.8	26.8	27.1	28.4	29.9	38.4	180°	0.0	0.0	0.0	0.0	0.0
24.3	24.3	25.0	25.2	26.1	28.4	36.9						
22.1	22.4	22.4	23.0	23.6	25.8	35.7						
19.5	19.5	20.1	20.1	21.1	23.4	31.8						
17.0	17.0	17.0	17.3	18.0	20.1	26.1						
14.1	14.1	14.1	14.6	14.8	16.7	19.9						
11.4	11.0	10.7	10.7	11.4	12.9	15.5						
7.8	7.8	7.5	7.5	7.5	8.5	10.4						
4.4	3.9	4.1	4.4	4.1	4.7	5.7						
0.3	0.6	1.0	1.3	1.3	1.3	1.9						
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: P271625

CATALOG NUMBER: IST-AF-350-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°	618.3	618.3	618.3	618.3	618.3	618.3
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	582.1	590.4	603.2	605.7	616.1	623.4
0.0	0.0	0.0	0.0	0.0	0.0	5°	493.3	512.8	519.8	533.3	556.9	568.9
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	407.0	421.8	438.6	460.2	477.6	498.0
0.0	0.0	0.0	0.0	0.0	0.0	10°	334.9	356.0	377.6	395.3	419.6	444.1
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	297.4	309.1	330.5	355.3	385.6	413.0
0.0	0.0	0.0	0.0	0.0	0.0	15°	277.8	291.7	314.7	341.2	373.2	407.3
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	253.6	275.6	301.8	339.6	381.2	428.4
0.0	0.0	0.0	0.0	0.0	0.0	20°	229.7	256.5	290.7	340.5	398.2	459.7
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	208.6	240.4	283.9	346.2	419.9	501.8
0.0	0.0	0.0	0.0	0.0	0.0	25°	183.6	226.1	278.5	357.9	453.4	558.6
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	163.9	212.6	270.6	367.9	483.8	613.0
0.0	0.0	0.0	0.0	0.0	0.0	30°	141.8	196.9	259.6	371.4	521.1	657.8
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	124.1	182.1	246.9	368.2	537.7	688.9
0.0	0.0	0.0	0.0	0.0	0.0	35°	115.6	171.4	236.3	357.3	551.6	722.7
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	110.0	159.7	225.8	338.9	567.3	756.0
0.0	0.0	0.0	0.0	0.0	0.0	40°	102.7	150.6	217.4	325.7	579.7	783.7
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	96.1	142.4	210.7	314.0	582.8	808.7
0.0	0.0	0.0	0.0	0.0	0.0	45°	90.4	137.4	205.7	314.7	585.0	843.3
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	86.0	132.6	203.8	325.4	608.3	891.5
0.0	0.0	0.0	0.0	0.0	0.0	50°	81.8	128.5	200.6	346.2	645.8	956.7
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	77.2	122.9	196.5	367.7	686.8	1044.0
0.0	0.0	0.0	0.0	0.0	0.0	55°	70.9	115.3	192.1	385.6	742.4	1150.1
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	61.2	106.4	189.4	394.7	776.9	1211.3
0.0	0.0	0.0	0.0	0.0	0.0	59°	56.1	97.9	187.7	390.3	785.9	1221.7
0.0	0.0	0.0	0.0	0.0	0.0	60°	53.2	93.0	185.2	384.9	788.5	1215.0
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	49.5	80.9	174.8	358.2	753.2	1135.0
0.0	0.0	0.0	0.0	0.0	0.0	65°	50.5	76.5	151.3	305.0	672.2	978.7
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	51.7	74.6	130.7	246.3	535.7	809.9
						70°	50.8	73.8	118.8	195.9	401.4	606.4
						72.5°	49.5	69.6	103.0	157.6	254.5	424.6
						75°	43.7	58.6	80.9	108.1	160.7	309.4
						77.5°	34.3	45.1	57.3	67.1	81.6	218.3
						80°	25.2	32.8	37.5	40.3	45.4	149.0
						82.5°	18.0	22.1	24.0	25.5	30.3	111.5
						85°	13.6	15.5	16.7	16.7	20.5	78.7
						87.5°	7.5	7.8	7.8	8.5	10.2	21.4
						90°	2.2	2.2	1.9	2.2	1.5	1.3
						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



REPORT NUMBER: P271625  
 CATALOG NUMBER: IST-AF-350-LED-E1-SLL-7027

**CANDELA DISTRIBUTION (continued):**

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
618.3	618.3	618.3	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
631.6	636.3	640.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
587.2	598.8	601.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
520.7	539.6	546.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
471.9	492.5	499.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445.1	469.1	476.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445.8	474.5	485.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
474.8	507.5	521.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
524.5	572.1	582.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
591.9	638.5	653.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
655.2	716.9	728.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
717.6	778.7	789.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
765.7	829.8	838.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
812.1	884.2	894.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.8	943.5	954.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
910.4	1001.7	1009.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
962.1	1049.3	1051.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1004.2	1084.6	1085.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1045.2	1117.7	1118.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1088.0	1154.0	1149.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1155.8	1196.7	1201.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1258.7	1295.4	1300.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1378.4	1429.2	1421.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1429.2	1487.1	1493.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1420.7	1499.8	1509.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1407.1	1495.9	1508.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1330.3	1456.6	1475.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1201.1	1375.0	1402.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1035.2	1253.1	1274.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
807.7	1018.5	1037.0								
536.7	699.3	731.5								
341.2	451.1	445.1								
251.6	293.3	293.6								
182.7	201.3	199.1								
141.4	122.9	122.6								
49.5	43.5	42.5								
21.4	18.0	18.2								
1.0	1.0	1.3								
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								

