

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: P227397

Luminaire Tested: **IST-AF-800-LED-E1-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P227397
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-800-LED-E1-SLR
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (16) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4518.9 lumens
Efficiency: N/A
Efficacy: 103.9 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 - G2

Input Watts (W): 43.5
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

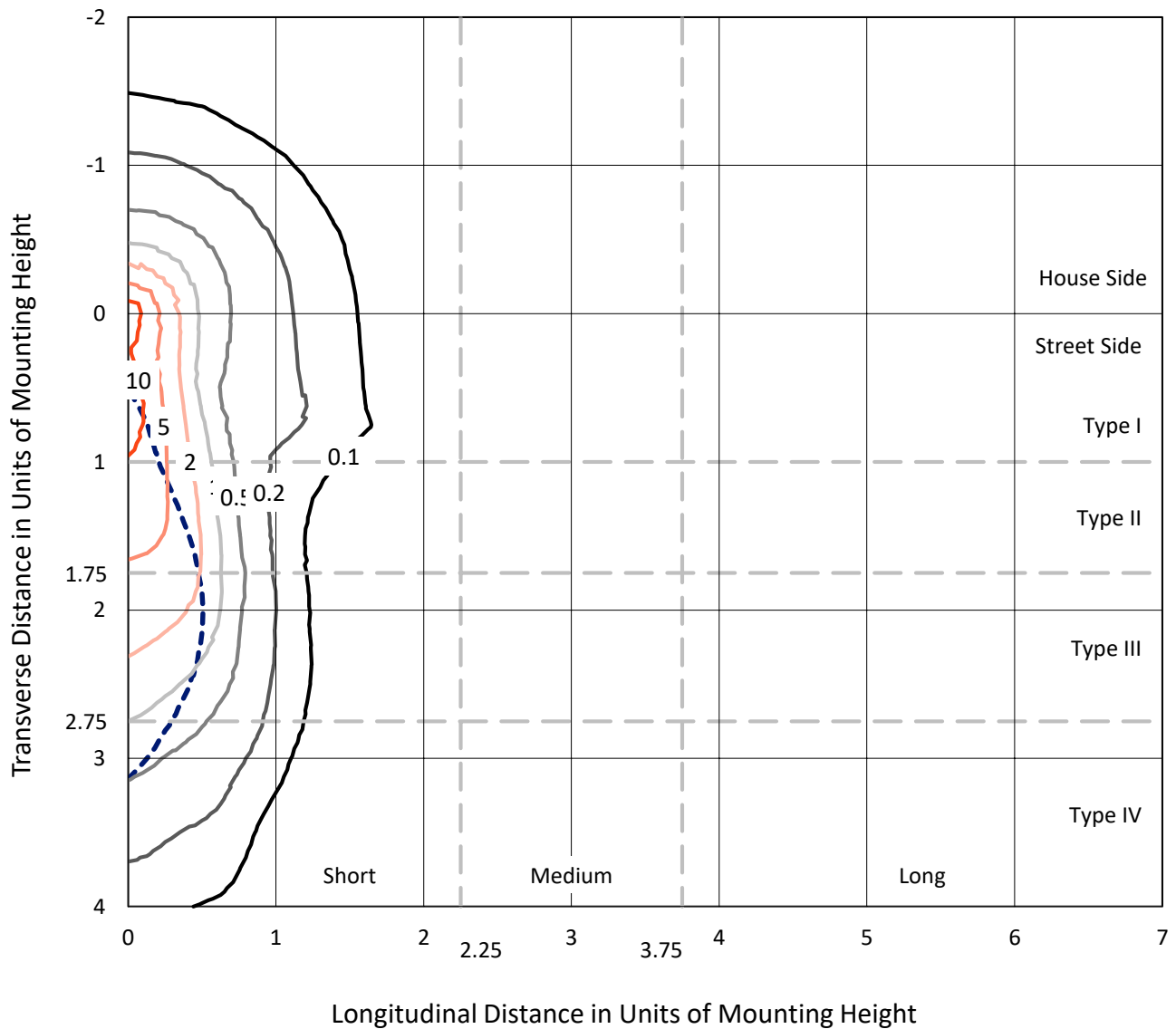


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Iso-Footcandle Lines of Horizontal Illumination

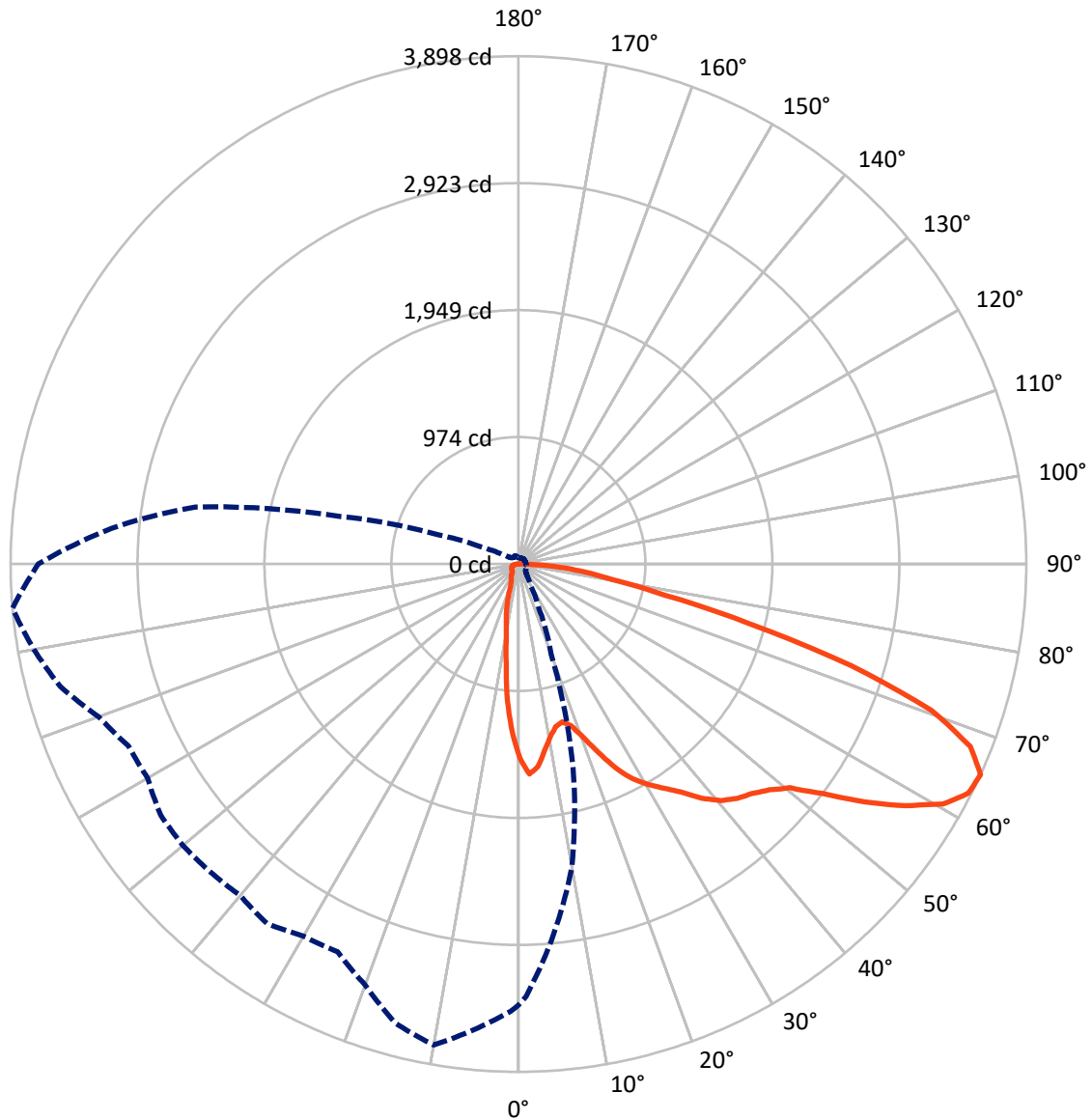
× Max cd
 - - - 1/2 Max cd



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

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Luminous Intensity Polar Plot



— Vertical Plane Through 275-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

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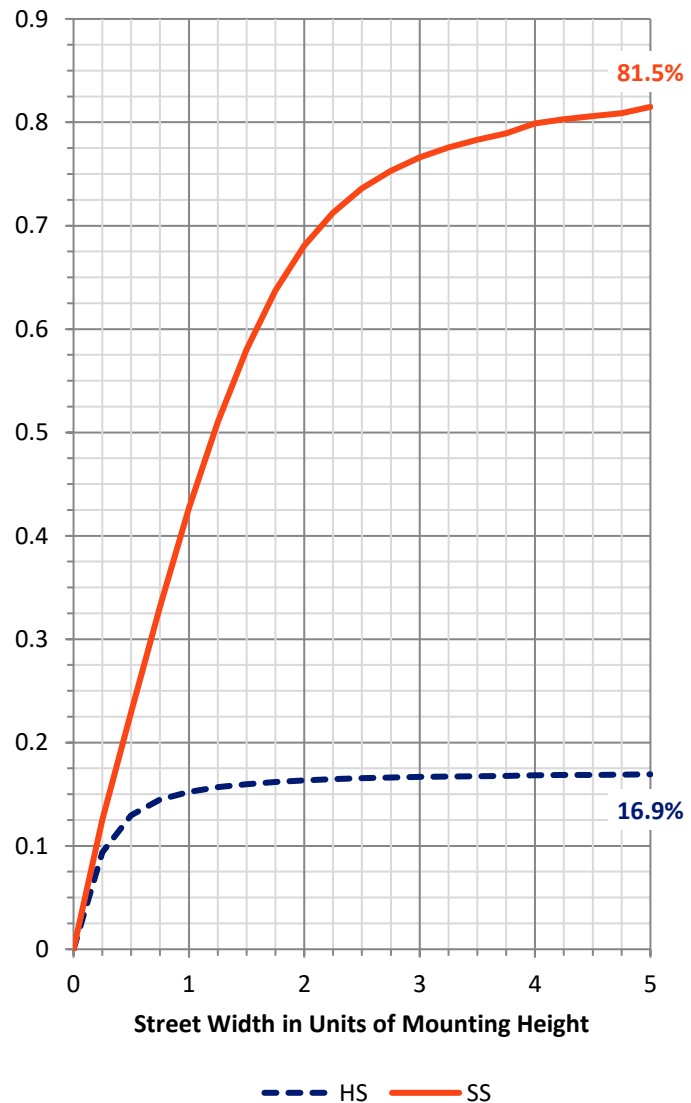
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	775.1	0.0	775.1
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	3743.6	0.2	3743.7
	% Fixture	82.8	0.0	82.8
Total	Lumens	4518.7	0.2	4518.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.6	2.4
10°-20°	212.8	4.7
20°-30°	303.4	6.7
30°-40°	440.2	9.7
40°-50°	629.8	13.9
50°-60°	966.9	21.4
60°-70°	1119.2	24.8
70°-80°	571.0	12.6
80°-90°	164.8	3.6
90°-100°	0.2	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°	4518.7	100.0
0°-180°	4518.9	100.0



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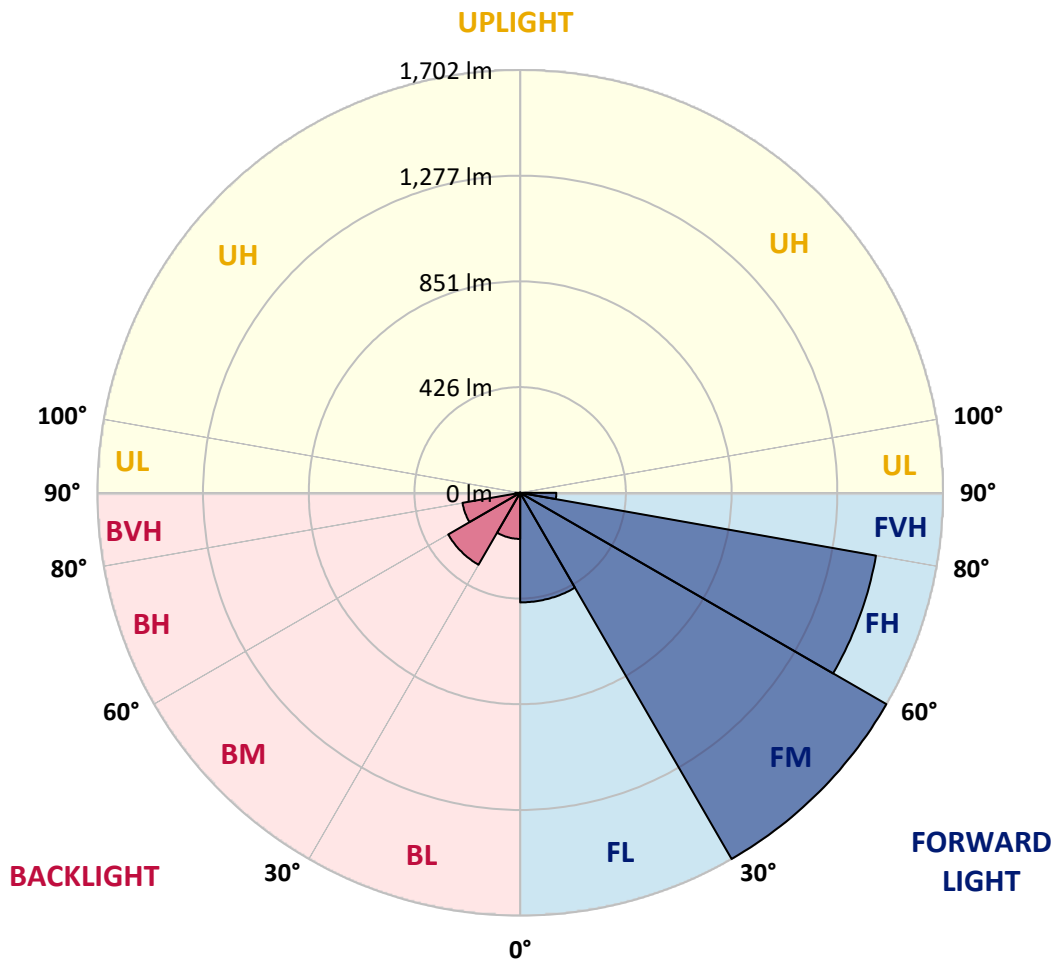
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	441.3	9.8			
FM	(30°-60°)	1702.2	37.7			
FH	(60°-80°)	1454.4	32.2			G1/1800
FVH	(80°-90°)	145.6	3.2			G2/225
BL	(0°-30°)	185.5	4.1	B1/500		
BM	(30°-60°)	334.7	7.4	B1/1000		
BH	(60°-80°)	235.7	5.2	B1/500		G1/500
BVH	(80°-90°)	19.1	0.4			G1/100
UL	(90°-100°)	0.2	0.0		U1/10	
UH	(100°-180°)	0.0	0.0		U1/10	

BUG Rating: B1-U1-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9
2.5°	1545.4	1536.2	1524.8	1505.1	1487.6	1462.4	1456.4	1425.2	1405.4	1409.9	1374.2
5°	1451.1	1445.7	1417.6	1373.4	1344.6	1287.5	1254.9	1238.1	1190.9	1184.9	1171.9
7.5°	1318.7	1302.7	1257.1	1202.4	1152.9	1111.1	1058.7	1018.3	982.5	960.6	921.7
10°	1205.3	1188.7	1139.3	1072.3	1013.0	954.4	911.9	859.4	808.4	768.8	737.6
12.5°	1150.6	1132.4	1074.6	997.0	930.9	857.8	797.8	746.0	717.9	698.2	672.3
15°	1171.9	1145.3	1076.1	983.4	901.2	823.6	759.7	704.2	670.7	640.4	609.9
17.5°	1257.8	1225.2	1146.1	1034.3	920.2	819.8	728.5	665.4	612.2	566.6	525.5
20°	1405.4	1381.1	1266.2	1109.6	961.3	822.1	701.9	619.1	554.4	496.6	441.8
22.5°	1578.0	1541.5	1429.0	1211.5	1013.7	835.8	685.2	580.2	503.5	425.9	366.5
25°	1759.1	1730.9	1581.8	1348.4	1094.4	863.9	672.3	546.1	443.3	357.4	292.1
27.5°	1905.0	1880.0	1732.4	1479.9	1168.1	888.2	653.3	513.3	395.5	292.1	219.8
30°	2024.4	2003.1	1848.8	1587.9	1257.8	896.6	626.7	475.3	342.2	235.8	181.8
32.5°	2158.3	2134.7	1960.6	1663.2	1298.1	889.0	596.3	439.6	299.6	208.4	155.9
35°	2305.1	2277.7	2085.3	1744.5	1331.7	862.4	570.4	413.7	279.1	189.3	138.4
37.5°	2435.9	2418.4	2197.8	1825.1	1369.6	818.3	545.2	385.6	265.5	175.6	124.7
40°	2537.7	2533.2	2322.6	1892.2	1399.3	786.3	524.8	363.6	248.0	170.3	120.2
42.5°	2619.9	2618.4	2424.5	1952.2	1407.0	758.2	508.8	343.7	231.9	157.4	122.4
45°	2699.1	2698.2	2523.3	2035.9	1412.3	759.7	496.6	331.5	218.3	149.0	115.6
47.5°	2774.3	2785.7	2626.7	2152.2	1468.5	785.6	492.0	320.2	207.7	139.9	109.6
50°	2900.6	2889.1	2790.3	2309.6	1559.0	835.8	484.5	310.3	197.7	131.6	103.4
52.5°	3140.0	3127.2	3039.0	2520.2	1657.9	887.5	474.5	296.6	186.3	122.4	96.6
55°	3432.9	3450.4	3328.0	2776.6	1792.5	930.9	463.9	278.3	171.1	111.8	92.1
57.5°	3604.8	3590.4	3450.4	2924.1	1875.4	952.9	457.1	257.1	147.5	102.7	87.5
59°	3645.1	3620.7	3429.9	2949.2	1897.5	942.2	453.3	236.5	135.3	98.1	85.2
60°	3641.3	3611.6	3397.1	2933.2	1903.5	929.4	447.1	224.3	128.5	95.9	84.4
62.5°	3562.9	3516.5	3211.6	2740.1	1818.4	864.7	422.1	195.5	119.4	92.8	79.9
65°	3384.9	3319.6	2899.8	2362.9	1622.9	736.1	365.0	184.8	121.6	91.2	76.8
67.5°	3077.8	3025.3	2499.0	1955.3	1293.6	594.7	315.6	180.2	124.7	92.8	72.2
70°	2503.6	2458.7	1949.9	1463.9	968.8	473.0	286.7	178.0	122.4	89.0	68.4
72.5°	1765.9	1688.3	1295.9	1025.2	614.5	380.2	248.7	168.1	119.4	85.9	62.4
75°	1074.6	1089.0	823.6	746.9	387.9	260.9	195.5	141.5	105.7	76.8	56.3
77.5°	708.8	708.0	607.6	527.0	196.9	162.0	138.4	108.7	82.9	63.1	48.7
80°	480.7	486.0	441.1	359.7	109.6	97.4	90.5	79.1	60.9	47.9	40.3
82.5°	295.8	296.6	341.5	269.2	73.0	61.6	57.8	53.2	43.4	37.2	31.2
85°	102.7	105.0	119.4	190.2	49.4	40.3	40.3	37.2	32.7	25.1	20.6
87.5°	44.1	43.4	51.8	51.8	24.3	20.6	19.0	19.0	18.2	13.7	11.5
90°	3.1	2.3	2.3	3.1	3.8	5.3	4.6	5.3	5.3	4.6	3.1
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°	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9
2.5°	1363.6	1355.2	1331.7	1325.5	1333.1	1318.0	1314.2	1310.3	1282.2	1296.7	1279.9
5°	1140.0	1137.7	1089.7	1099.7	1089.7	1073.1	1066.2	1082.2	1054.0	1060.1	1064.0
7.5°	876.1	867.0	835.0	813.8	800.8	789.4	775.0	751.4	769.7	765.8	794.7
10°	711.1	691.3	671.6	641.9	625.1	609.2	592.4	583.3	562.0	559.8	549.8
12.5°	651.7	623.6	598.5	572.6	555.2	523.2	496.6	479.9	466.2	444.9	428.9
15°	572.6	549.1	516.4	491.3	463.9	435.0	409.2	387.9	378.0	358.2	349.0
17.5°	492.8	457.1	417.5	392.4	354.4	324.7	303.4	289.7	275.3	263.1	252.5
20°	397.0	350.6	308.0	276.1	246.4	217.5	207.7	190.9	184.8	180.2	184.0
22.5°	301.9	254.0	209.9	185.6	169.6	162.0	153.6	150.6	148.3	147.5	149.0
25°	221.3	181.0	159.7	150.6	144.5	139.9	136.9	134.6	133.1	132.4	133.1
27.5°	171.1	149.9	139.1	133.1	128.5	125.5	124.0	121.6	120.9	120.2	120.9
30°	148.3	136.9	129.3	123.2	117.8	112.5	110.3	109.6	110.3	111.0	110.3
32.5°	129.3	120.9	112.5	107.2	103.4	100.4	100.4	98.8	98.8	101.2	101.9
35°	117.1	108.7	102.7	95.9	91.2	88.2	85.9	84.4	85.2	85.2	87.5
37.5°	107.2	101.2	95.9	89.7	85.2	82.1	80.6	79.1	78.4	77.5	77.5
40°	100.4	96.6	92.1	85.9	81.3	78.4	76.8	75.3	74.6	73.8	73.8
42.5°	100.4	92.8	89.7	84.4	79.1	76.0	73.8	72.2	70.7	70.7	70.7
45°	110.3	95.0	89.7	83.7	78.4	74.6	72.2	70.0	68.4	68.4	67.7
47.5°	107.2	106.5	91.2	83.7	79.1	74.6	71.5	69.3	67.7	66.9	66.2
50°	101.9	111.0	101.9	85.9	79.1	73.8	70.7	68.4	66.2	65.4	65.4
52.5°	98.8	103.4	105.7	89.0	79.9	73.8	70.0	67.7	66.2	64.7	63.8
55°	91.2	97.4	101.2	87.5	79.9	72.2	68.4	66.2	63.8	63.1	62.4
57.5°	83.7	88.2	97.4	87.5	77.5	71.5	66.9	63.8	62.4	61.6	60.9
59°	81.3	81.3	86.7	89.7	76.0	70.7	66.2	63.1	61.6	60.9	59.3
60°	79.1	79.1	82.1	92.1	75.3	70.0	65.4	62.4	60.0	60.0	59.3
62.5°	76.0	73.8	75.3	85.9	73.0	68.4	63.8	60.9	58.5	58.5	57.8
65°	72.2	69.3	69.3	71.5	68.4	65.4	62.4	59.3	56.3	56.3	57.1
67.5°	68.4	65.4	64.7	64.7	63.1	62.4	59.3	56.3	54.7	54.7	54.7
70°	63.1	60.9	60.0	58.5	58.5	57.8	55.5	53.2	51.8	52.5	51.8
72.5°	57.1	55.5	54.0	54.0	53.2	52.5	50.2	48.7	47.9	48.7	48.7
75°	50.9	48.7	48.7	47.2	47.2	46.3	44.1	43.4	42.6	43.4	44.1
77.5°	43.4	41.8	41.0	41.0	41.0	41.0	38.1	37.2	37.2	38.8	38.8
80°	35.7	35.0	34.3	34.3	34.3	33.5	31.9	31.2	31.2	31.9	32.7
82.5°	27.4	25.9	25.9	26.6	27.4	27.4	25.1	23.5	23.5	25.1	26.6
85°	18.2	18.2	18.2	19.0	19.0	19.7	18.2	16.0	16.8	17.5	19.7
87.5°	9.9	10.6	9.9	9.1	10.6	9.9	9.9	9.1	9.9	10.6	11.5
90°	3.1	3.1	2.3	1.5	0.7	1.5	1.5	2.3	0.7	0.7	1.5
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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CATALOG NUMBER: IST-AF-800-LED-E1-SLR

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: P227397

CATALOG NUMBER: IST-AF-800-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9
2.5°	1295.2	1282.2	1275.3	1302.0	1299.7	1276.8	1276.8	1292.8	1293.6	1279.9	1295.9
5°	1068.5	1055.6	1067.8	1057.1	1063.2	1062.4	1071.5	1054.8	1061.6	1055.6	1041.2
7.5°	792.5	818.3	832.0	814.5	836.6	847.9	832.0	847.9	822.9	802.3	822.1
10°	545.2	574.2	568.9	597.0	607.6	613.8	625.1	610.7	593.2	587.9	573.5
12.5°	422.9	416.8	414.5	425.9	432.7	422.9	431.2	422.1	413.0	397.0	396.2
15°	330.8	320.9	314.0	301.2	296.6	298.9	302.7	302.7	284.4	285.2	292.1
17.5°	250.9	248.7	243.4	232.7	225.9	228.1	227.4	223.6	221.3	222.8	231.2
20°	188.6	186.3	189.3	192.4	190.2	190.9	187.8	184.0	182.5	184.0	185.6
22.5°	149.0	152.1	155.9	160.5	161.2	165.0	164.3	165.0	162.0	160.5	156.6
25°	136.2	137.7	135.3	136.2	136.2	139.9	139.1	139.1	136.2	135.3	136.2
27.5°	120.2	119.4	119.4	120.9	120.9	123.2	124.7	123.2	120.2	119.4	120.2
30°	111.0	110.3	109.6	110.3	109.6	110.3	111.8	111.8	110.3	108.0	108.7
32.5°	101.9	101.9	101.2	101.9	101.2	101.2	102.7	100.4	100.4	99.6	99.6
35°	89.7	91.2	92.8	93.5	93.5	93.5	95.0	92.8	92.1	91.2	91.2
37.5°	77.5	79.1	83.7	85.9	86.7	88.2	89.0	87.5	85.9	84.4	82.9
40°	73.8	73.8	75.3	78.4	81.3	82.1	83.7	81.3	80.6	78.4	76.0
42.5°	70.7	71.5	71.5	72.2	73.0	74.6	76.8	74.6	73.0	71.5	69.3
45°	68.4	68.4	68.4	68.4	67.7	67.7	68.4	66.9	66.2	65.4	65.4
47.5°	66.9	66.2	65.4	64.7	63.8	63.1	63.1	61.6	61.6	61.6	61.6
50°	65.4	63.8	63.1	62.4	60.9	60.9	60.9	59.3	58.5	58.5	59.3
52.5°	63.1	62.4	61.6	60.9	60.0	59.3	59.3	57.8	57.1	57.1	57.1
55°	62.4	61.6	60.0	59.3	58.5	59.3	58.5	57.8	56.3	56.3	56.3
57.5°	60.0	60.9	60.0	58.5	58.5	58.5	58.5	57.1	56.3	54.7	55.5
59°	59.3	60.0	59.3	58.5	57.8	58.5	58.5	56.3	55.5	54.7	54.7
60°	58.5	59.3	58.5	57.8	57.8	58.5	57.8	57.1	55.5	53.2	54.0
62.5°	57.8	57.8	57.1	57.1	56.3	57.1	56.3	54.7	53.2	51.8	50.9
65°	56.3	56.3	55.5	55.5	54.7	54.7	54.7	53.2	51.8	50.2	50.2
67.5°	55.5	54.7	54.0	54.0	53.2	53.2	53.2	51.8	49.4	48.7	47.9
70°	52.5	51.8	51.8	50.9	50.2	50.9	51.8	49.4	47.2	45.6	44.9
72.5°	49.4	48.7	48.7	47.9	47.9	48.7	49.4	47.2	44.1	42.6	41.8
75°	44.9	44.1	44.1	44.1	44.1	45.6	45.6	43.4	41.0	38.8	37.2
77.5°	38.8	39.6	39.6	39.6	39.6	41.0	41.0	39.6	37.2	35.7	33.5
80°	33.5	33.5	34.3	34.3	35.0	35.0	34.3	33.5	32.7	31.2	28.1
82.5°	28.1	28.1	28.1	28.1	28.1	27.4	25.9	27.4	27.4	25.9	23.5
85°	22.1	22.1	22.1	22.8	22.8	20.6	18.2	18.2	20.6	19.7	18.2
87.5°	12.9	12.9	13.7	16.0	14.4	13.7	11.5	12.2	11.5	12.9	10.6
90°	3.1	2.3	2.3	0.7	1.5	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: P227397
 CATALOG NUMBER: IST-AF-800-LED-E1-SLR

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: P227397
 NUMBER: IST-AF-800-LED-E1-SLR

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

CANDELA DISTRIBUTION

160°	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	110°	160°
1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	110°	0.0
1297.4	1300.5	1307.3	1305.0	1330.1	1322.5	1340.0	1363.6	1385.6	1374.9	1378.0	112.5°	0.0
1066.9	1070.8	1041.9	1059.4	1085.2	1074.6	1070.8	1105.8	1097.4	1136.9	1104.3	115°	0.0
790.1	781.0	767.3	760.5	741.5	741.5	777.2	793.2	790.9	818.3	846.4	117.5°	0.0
555.2	544.5	527.7	523.2	542.3	551.4	567.3	583.3	604.6	635.8	654.1	120°	0.0
407.6	403.9	407.6	419.0	436.5	449.5	473.8	502.0	525.5	550.6	574.9	122.5°	0.0
308.0	315.6	325.5	333.1	346.8	371.1	384.0	415.2	436.5	458.6	486.7	125°	0.0
239.6	244.1	246.4	249.4	260.9	278.3	278.3	310.3	338.4	367.3	390.9	127.5°	0.0
182.5	182.5	174.9	179.5	181.0	179.5	188.6	206.8	225.2	244.1	281.4	130°	0.0
152.8	148.3	146.0	145.3	146.0	149.0	154.4	161.2	164.3	172.7	187.1	132.5°	0.0
135.3	134.6	132.4	132.4	133.8	134.6	139.9	146.0	147.5	149.9	155.2	135°	0.0
119.4	120.9	123.2	122.4	123.2	124.7	128.5	133.8	136.9	137.7	141.5	137.5°	0.0
108.0	109.6	110.3	112.5	112.5	113.3	116.3	121.6	124.0	127.8	131.6	140°	0.0
100.4	101.2	101.9	101.2	101.9	101.9	105.7	111.0	114.1	116.3	118.7	142.5°	0.0
92.1	91.2	91.2	91.2	89.0	88.2	89.7	95.0	95.9	98.1	103.4	145°	0.0
82.1	79.9	78.4	78.4	78.4	79.1	82.9	88.2	89.0	91.2	95.9	147.5°	0.0
73.0	72.2	72.2	73.0	73.8	75.3	78.4	83.7	84.4	86.7	90.5	150°	0.0
68.4	68.4	68.4	69.3	70.0	70.7	74.6	79.9	81.3	83.7	88.2	152.5°	0.0
65.4	66.2	65.4	65.4	66.2	67.7	71.5	77.5	79.9	82.1	86.7	155°	0.0
63.1	63.1	63.1	63.8	63.8	65.4	70.0	76.0	77.5	80.6	87.5	157.5°	0.0
60.0	61.6	60.9	61.6	62.4	63.8	68.4	74.6	76.8	81.3	89.0	160°	0.0
58.5	58.5	58.5	59.3	60.9	61.6	65.4	72.2	75.3	81.3	93.5	162.5°	0.0
57.8	56.3	56.3	57.1	58.5	60.0	63.8	70.7	74.6	80.6	92.8	165°	0.0
57.1	54.7	54.0	54.7	56.3	57.1	61.6	68.4	73.8	78.4	89.7	167.5°	0.0
54.7	53.2	52.5	53.2	54.7	56.3	60.0	66.9	70.7	76.8	85.9	170°	0.0
54.0	51.8	51.8	52.5	54.0	54.7	58.5	65.4	69.3	77.5	88.2	172.5°	0.0
50.9	50.2	50.2	50.9	50.9	52.5	57.1	63.8	66.9	79.1	73.8	175°	0.0
48.7	48.7	48.7	48.7	49.4	50.2	55.5	62.4	63.8	68.4	63.1	177.5°	0.0
47.2	47.2	47.2	47.2	47.2	48.7	53.2	60.0	60.9	60.0	57.8	180°	0.0
44.1	44.1	44.1	44.1	44.9	45.6	50.2	56.3	56.3	54.7	54.7		
41.8	41.0	41.0	41.0	41.0	41.8	46.3	52.5	51.8	50.9	50.9		
37.2	37.2	37.2	37.2	37.2	37.2	41.8	47.9	47.2	46.3	45.6		
32.7	32.7	33.5	32.7	31.9	31.2	35.7	42.6	42.6	41.8	41.0		
28.1	27.4	28.1	27.4	25.9	25.9	29.7	35.7	36.5	35.7	34.3		
22.8	22.1	22.1	22.1	19.0	19.0	22.8	28.9	28.9	28.1	26.6		
17.5	16.8	16.0	15.2	12.9	12.9	16.0	21.3	22.1	19.0	18.2		
9.1	9.1	9.1	6.9	6.0	5.3	8.4	12.9	12.9	10.6	9.1		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

'227397
 IST-AF-800-LED-E1-SLR

REPORT NUMBER: P227397
 CATALOG NUMBER: IST-AF-80

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°	1492.9	1492.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1397.0	1403.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1128.6	1155.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	853.2	889.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	683.6	708.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	600.1	635.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	514.9	552.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	422.1	468.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	322.4	368.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	226.6	265.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	165.0	182.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	146.8	153.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	137.7	142.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	124.0	128.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	108.7	114.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	101.2	105.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	96.6	97.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	92.8	92.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	90.5	92.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	92.1	101.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	103.4	100.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	105.7	94.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	96.6	90.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	86.7	79.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	77.5	73.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	72.2	70.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	66.2	67.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	61.6	64.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	59.3	61.6
										70°	55.5	57.1
										72.5°	51.8	52.5
										75°	46.3	47.2
										77.5°	41.0	41.0
										80°	33.5	33.5
										82.5°	25.9	25.1
										85°	16.8	16.0
										87.5°	7.6	6.0
										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: P227397

CATALOG NUMBER: IST-AF-800-LED-E1-SLR

SLR

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°	1492.9	1492.9	1492.9	1492.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1597.8	1613.8	1627.5	1638.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1525.5	1562.9	1607.7	1645.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1397.0	1444.2	1517.2	1562.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	1275.3	1344.6	1424.5	1489.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1192.5	1278.4	1354.5	1426.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	1169.6	1257.1	1325.5	1391.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1215.3	1302.7	1361.3	1401.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	1322.5	1416.1	1453.3	1450.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1469.3	1567.4	1567.4	1537.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	1663.2	1733.9	1695.1	1637.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1800.9	1867.0	1799.4	1704.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	1915.0	1963.7	1877.6	1762.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	2015.3	2051.0	1937.8	1824.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	2135.5	2148.4	2000.1	1879.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	2268.6	2279.2	2089.9	1939.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	2425.2	2387.2	2156.0	1994.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	2521.8	2459.5	2203.9	2023.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	2597.9	2512.7	2225.9	2040.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	2691.4	2591.0	2264.8	2070.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	2814.6	2699.8	2362.9	2156.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	3067.1	2924.9	2539.3	2306.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	3357.6	3223.0	2821.4	2553.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	3590.4	3499.8	3073.1	2777.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	3676.3	3637.5	3251.1	2966.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	3708.2	3741.6	3345.5	3082.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	3730.3	3875.6	3651.9	3427.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	3684.6	3897.5	3775.9	3638.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	3486.1	3740.9	3717.3	3596.4
								70°	3080.0	3363.7	3445.8	3274.0
								72.5°	2317.2	2669.4	3117.2	2848.1
								75°	1509.6	1835.1	2661.7	2439.6
								77.5°	945.3	1145.3	1899.0	1708.8
								80°	628.9	736.1	1205.3	1097.4
								82.5°	473.0	521.7	828.9	779.5
								85°	249.4	317.9	644.9	817.5
								87.5°	93.5	104.2	485.2	730.8
								90°	0.0	0.0	0.7	0.0
								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: P227397
 CATALOG NUMBER: IST-AF-800-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9	110°	0.0	0.0	0.0	0.0	0.0
1647.3	1661.0	1669.3	1663.2	1673.1	1675.4	1664.8	112.5°	0.0	0.0	0.0	0.0	0.0
1677.6	1715.7	1743.1	1762.0	1769.7	1776.6	1773.5	115°	0.0	0.0	0.0	0.0	0.0
1621.4	1680.0	1730.9	1765.9	1778.1	1787.2	1778.8	117.5°	0.0	0.0	0.0	0.0	0.0
1559.0	1619.8	1667.8	1702.8	1702.0	1711.1	1695.1	120°	0.0	0.0	0.0	0.0	0.0
1500.5	1559.8	1602.4	1600.8	1590.2	1563.6	1559.0	122.5°	0.0	0.0	0.0	0.0	0.0
1454.0	1485.2	1495.9	1493.6	1463.2	1448.0	1445.7	125°	0.0	0.0	0.0	0.0	0.0
1431.2	1429.8	1405.4	1378.7	1349.9	1348.4	1328.6	127.5°	0.0	0.0	0.0	0.0	0.0
1435.1	1385.6	1340.8	1295.2	1264.0	1257.1	1259.4	130°	0.0	0.0	0.0	0.0	0.0
1483.0	1395.5	1311.1	1264.7	1228.2	1217.5	1222.1	132.5°	0.0	0.0	0.0	0.0	0.0
1543.0	1425.9	1320.9	1250.3	1220.6	1207.7	1209.9	135°	0.0	0.0	0.0	0.0	0.0
1583.3	1460.9	1353.7	1266.2	1225.9	1213.7	1221.4	137.5°	0.0	0.0	0.0	0.0	0.0
1635.1	1508.9	1397.8	1307.3	1247.2	1231.2	1236.5	140°	0.0	0.0	0.0	0.0	0.0
1686.0	1560.5	1460.2	1357.5	1284.5	1254.9	1263.1	142.5°	0.0	0.0	0.0	0.0	0.0
1740.8	1620.7	1519.5	1425.9	1340.0	1293.6	1304.3	145°	0.0	0.0	0.0	0.0	0.0
1804.7	1690.6	1603.9	1518.0	1429.8	1390.9	1395.5	147.5°	0.0	0.0	0.0	0.0	0.0
1866.3	1759.1	1703.5	1639.6	1587.9	1528.6	1528.6	150°	0.0	0.0	0.0	0.0	0.0
1902.8	1848.0	1832.8	1814.5	1784.1	1741.6	1732.4	152.5°	0.0	0.0	0.0	0.0	0.0
1947.6	1953.7	1988.7	2025.2	2034.3	1992.5	1979.6	155°	0.0	0.0	0.0	0.0	0.0
2032.1	2095.9	2210.8	2310.4	2330.2	2364.3	2324.9	157.5°	0.0	0.0	0.0	0.0	0.0
2150.7	2268.6	2462.4	2625.2	2671.6	2674.7	2677.7	160°	0.0	0.0	0.0	0.0	0.0
2286.1	2454.9	2711.1	2905.1	2988.0	3010.0	2994.1	162.5°	0.0	0.0	0.0	0.0	0.0
2518.0	2670.8	2951.5	3160.6	3267.1	3318.9	3305.2	165°	0.0	0.0	0.0	0.0	0.0
2747.6	2937.8	3185.0	3391.1	3504.4	3562.2	3574.3	167.5°	0.0	0.0	0.0	0.0	0.0
2904.4	3082.3	3310.5	3500.5	3612.3	3681.6	3687.6	170°	0.0	0.0	0.0	0.0	0.0
3000.2	3163.0	3385.8	3553.0	3664.8	3723.4	3744.7	172.5°	0.0	0.0	0.0	0.0	0.0
3290.6	3320.3	3472.4	3582.7	3661.0	3687.6	3703.6	175°	0.0	0.0	0.0	0.0	0.0
3426.8	3302.8	3285.3	3353.8	3360.6	3343.1	3321.1	177.5°	0.0	0.0	0.0	0.0	0.0
3237.4	2947.7	2840.4	2831.3	2803.2	2791.8	2721.9	180°	0.0	0.0	0.0	0.0	0.0
2811.6	2394.0	2204.7	2102.1	2164.4	2162.1	2090.6						
2368.9	1943.8	1698.2	1550.7	1532.4	1529.3	1467.0						
1924.1	1525.5	1310.3	1238.9	1152.9	1127.1	1137.7						
1387.1	1089.0	1043.4	1098.1	1105.0	1085.2	1071.5						
873.8	819.1	863.2	962.8	1021.3	995.5	1005.4						
728.5	644.9	647.9	752.9	792.5	798.5	778.0						
808.4	645.7	529.3	516.4	502.7	316.4	440.3						
728.5	499.6	294.3	242.6	149.0	85.9	89.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	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: P227397

CATALOG NUMBER: IST-AF-800-LED-E1-SLR

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°	1492.9	1492.9	1492.9	1492.9	1492.9	1492.9
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1662.5	1648.0	1632.0	1610.7	1614.5	1588.6
0.0	0.0	0.0	0.0	0.0	0.0	5°	1749.9	1724.8	1690.6	1647.3	1607.0	1555.2
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1740.8	1700.5	1643.5	1578.0	1524.8	1450.2
0.0	0.0	0.0	0.0	0.0	0.0	10°	1662.5	1610.0	1563.6	1495.9	1426.7	1361.3
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1552.9	1523.3	1483.0	1432.0	1365.1	1298.1
0.0	0.0	0.0	0.0	0.0	0.0	15°	1433.6	1435.8	1411.5	1397.8	1364.3	1311.1
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1335.5	1358.3	1371.2	1392.4	1396.2	1370.4
0.0	0.0	0.0	0.0	0.0	0.0	20°	1270.0	1302.0	1342.3	1400.8	1462.4	1489.0
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1233.6	1273.1	1337.7	1444.2	1556.7	1624.4
0.0	0.0	0.0	0.0	0.0	0.0	25°	1226.7	1279.2	1369.6	1499.7	1645.7	1740.8
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1238.1	1306.5	1413.7	1562.0	1705.8	1843.5
0.0	0.0	0.0	0.0	0.0	0.0	30°	1274.6	1354.5	1471.5	1631.3	1780.3	1917.2
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1309.6	1408.4	1537.7	1693.6	1843.5	1979.6
0.0	0.0	0.0	0.0	0.0	0.0	35°	1365.8	1465.5	1597.8	1741.6	1886.8	2041.2
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	1451.8	1539.2	1645.0	1778.8	1930.1	2089.9
0.0	0.0	0.0	0.0	0.0	0.0	40°	1574.2	1632.0	1700.5	1806.2	1951.5	2122.5
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	1757.5	1769.7	1793.2	1848.0	1970.4	2160.6
0.0	0.0	0.0	0.0	0.0	0.0	45°	1994.0	1957.5	1937.0	1929.4	2013.1	2184.9
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	2268.6	2197.1	2115.0	2075.4	2095.2	2223.7
0.0	0.0	0.0	0.0	0.0	0.0	50°	2626.0	2509.6	2348.4	2234.3	2224.5	2337.7
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	2953.8	2801.7	2598.6	2464.0	2409.3	2550.7
0.0	0.0	0.0	0.0	0.0	0.0	55°	3263.3	3146.2	2916.5	2749.2	2730.2	2832.9
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	3534.8	3433.6	3245.8	3027.5	3035.2	3134.7
0.0	0.0	0.0	0.0	0.0	0.0	59°	3675.5	3591.1	3417.0	3194.9	3211.6	3348.4
0.0	0.0	0.0	0.0	0.0	0.0	60°	3725.7	3655.0	3489.2	3302.1	3323.4	3465.6
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	3721.9	3676.3	3556.1	3467.9	3576.6	3680.8
0.0	0.0	0.0	0.0	0.0	0.0	65°	3366.7	3297.5	3283.9	3438.2	3648.1	3748.5
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	2677.7	2710.4	2840.4	3105.9	3458.0	3604.0
						70°	1988.7	2046.5	2219.9	2553.0	3036.6	3289.2
						72.5°	1462.4	1520.2	1680.0	2045.0	2498.3	2721.9
						75°	1147.5	1165.0	1279.9	1566.6	1969.0	2152.2
						77.5°	1060.1	1007.7	960.6	1114.1	1327.8	1485.2
						80°	987.1	887.5	776.4	822.9	874.6	1041.9
						82.5°	766.6	700.4	613.8	673.0	697.3	702.7
						85°	448.7	399.3	505.7	716.4	708.8	620.5
						87.5°	158.1	205.3	231.2	397.0	479.9	415.2
						90°	0.0	2.3	6.9	7.6	11.5	3.8
						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: P227397
 CATALOG NUMBER: IST-AF-800-LED-E1-SLR

CANDELA DISTRIBUTION (continued):

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1492.9	1492.9	1492.9	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1568.2	1546.8	1545.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1514.2	1466.2	1451.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1385.6	1330.1	1318.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1277.7	1216.1	1205.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1222.1	1163.6	1150.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1243.4	1178.7	1171.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1323.3	1254.9	1257.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1460.2	1416.1	1405.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1639.6	1591.7	1578.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1792.5	1768.2	1759.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1902.8	1914.1	1905.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991.0	2029.0	2024.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2081.5	2155.3	2158.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2148.4	2278.4	2305.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2234.3	2408.5	2435.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2299.8	2504.3	2537.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2363.6	2583.5	2619.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2416.1	2661.7	2699.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2475.4	2737.8	2774.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2581.9	2857.2	2900.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2810.8	3078.5	3140.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3141.6	3384.2	3432.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3439.8	3591.8	3604.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3562.2	3648.9	3645.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3651.9	3662.6	3641.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3700.6	3599.5	3562.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3573.6	3432.9	3384.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3207.1	3132.5	3077.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2727.9	2539.3	2503.6								
2067.8	1819.1	1765.9								
1444.9	1146.8	1074.6								
949.9	736.1	708.8								
616.0	489.0	480.7								
429.6	320.9	295.8								
263.9	107.2	102.7								
82.1	49.4	44.1								
2.3	3.1	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								

