

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: P271656

Luminaire Tested: **IST-AF-800-LED-E1-SLR-7027**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271656  
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-7027  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (16) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

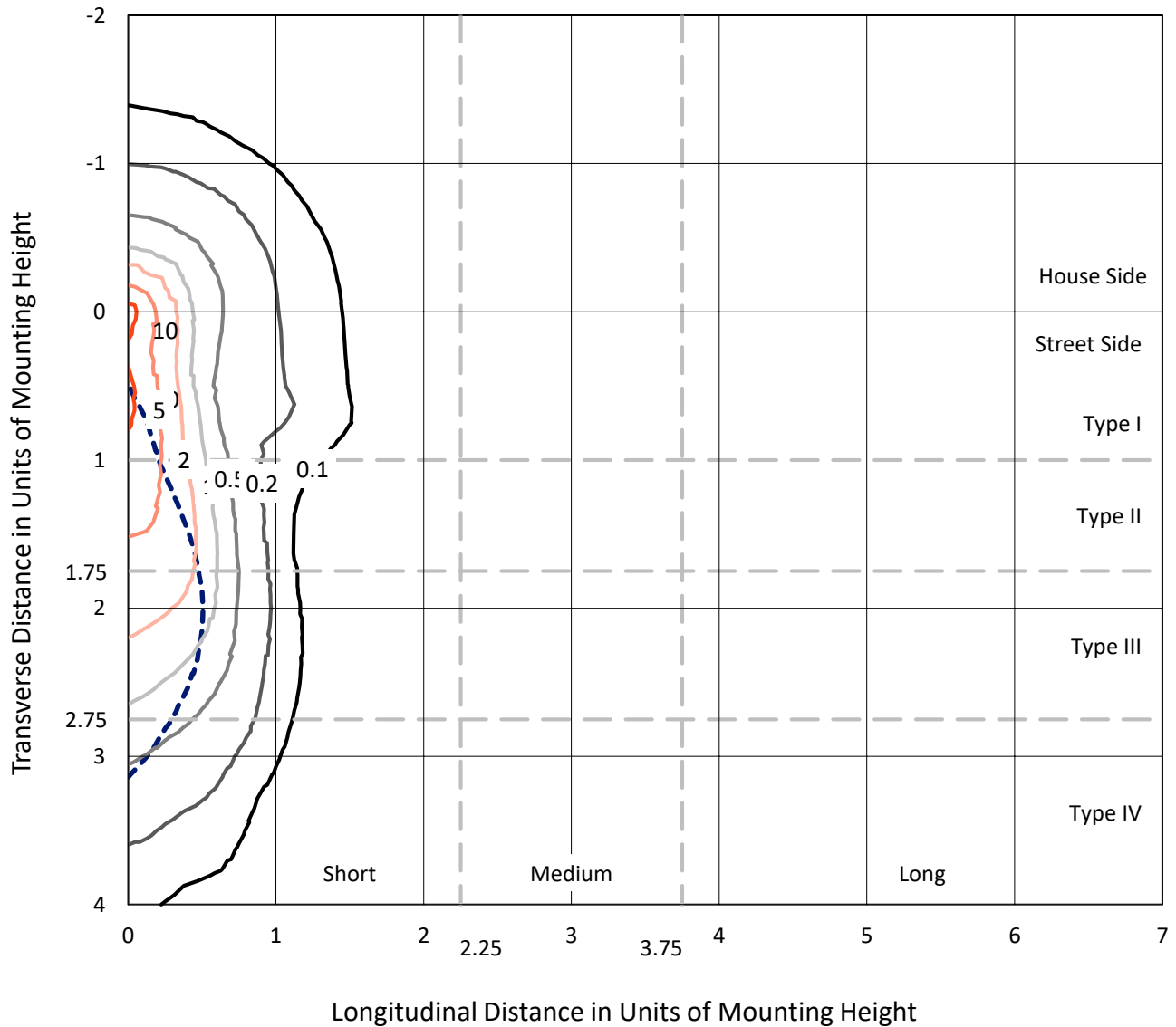
Lumens per Lamp: N/A  
Luminaire Lumens: 3838 lumens  
Efficiency: N/A  
Efficacy: 88.2 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U1 - G2  
  
Input Watts (W): 43.5  
Input Voltage (V): 120  
Input Current (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



REPORT NUMBER: P271656  
 CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

### Iso-Footcandle Lines of Horizontal Illumination

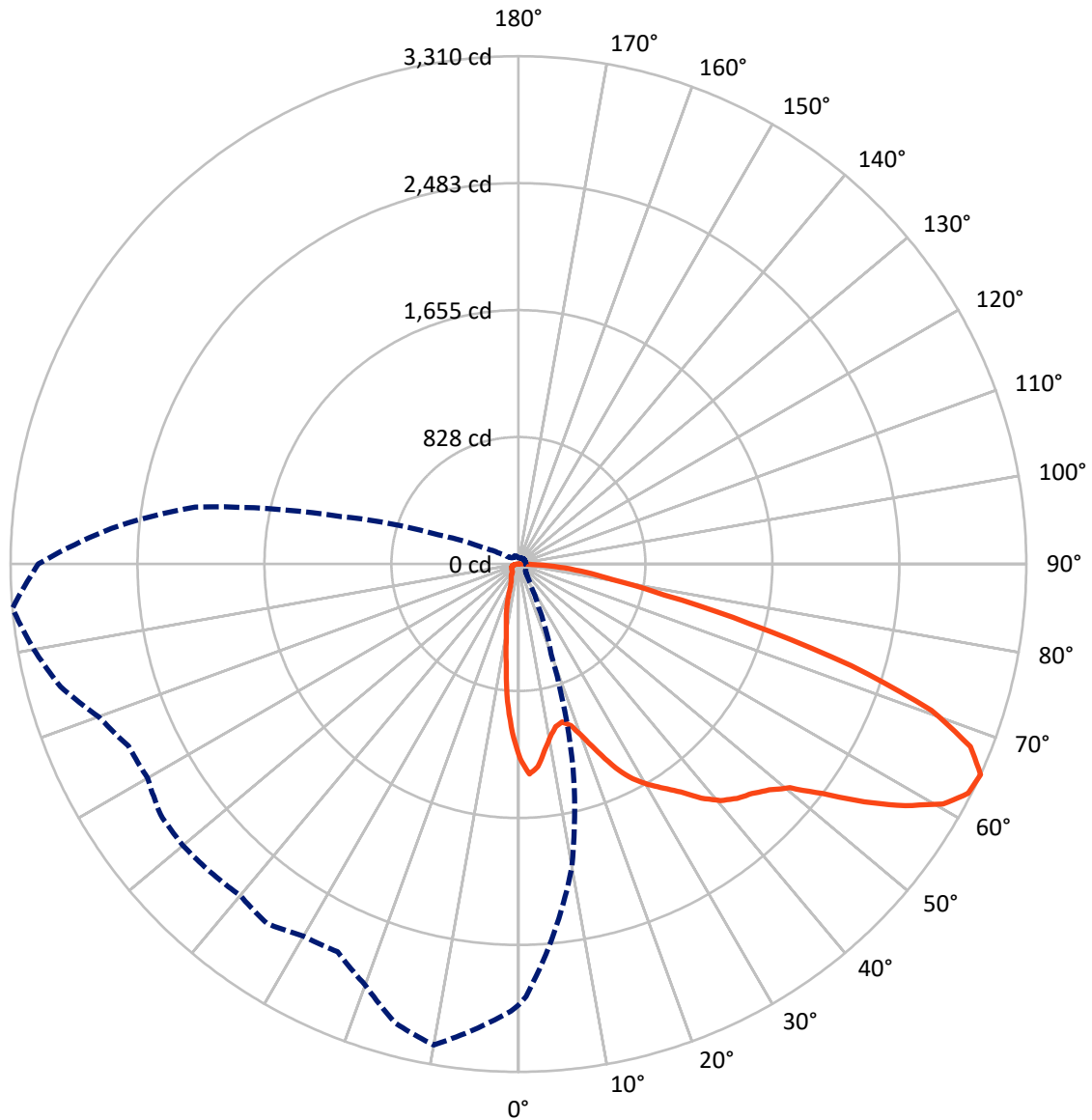
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 12.7 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P271656  
CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

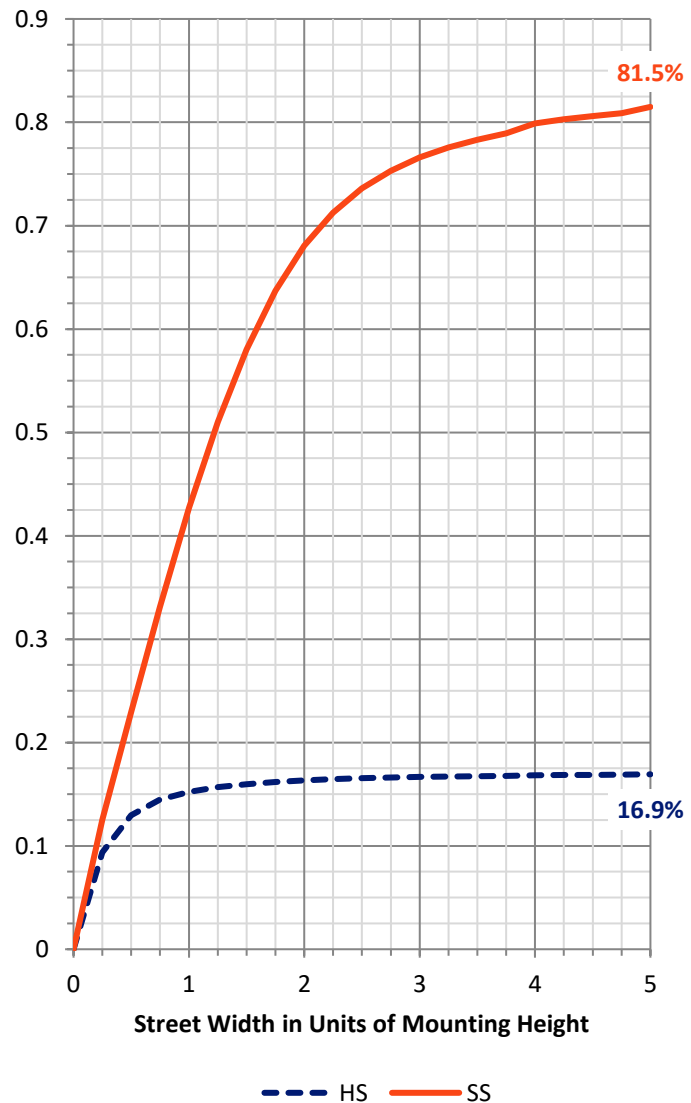
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	658.3	0.0	658.4
	% Fixture	17.2	0.0	17.2
<b>Street Side</b>	Lumens	3179.5	0.1	3179.6
	% Fixture	82.8	0.0	82.8
<b>Total</b>	Lumens	3837.8	0.2	3838.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	93.9	2.4
10°-20°	180.7	4.7
20°-30°	257.7	6.7
30°-40°	373.9	9.7
40°-50°	534.9	13.9
50°-60°	821.2	21.4
60°-70°	950.5	24.8
70°-80°	484.9	12.6
80°-90°	140.0	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°	3837.8	100.0
0°-180°	3838.0	100.0



REPORT NUMBER: P271656

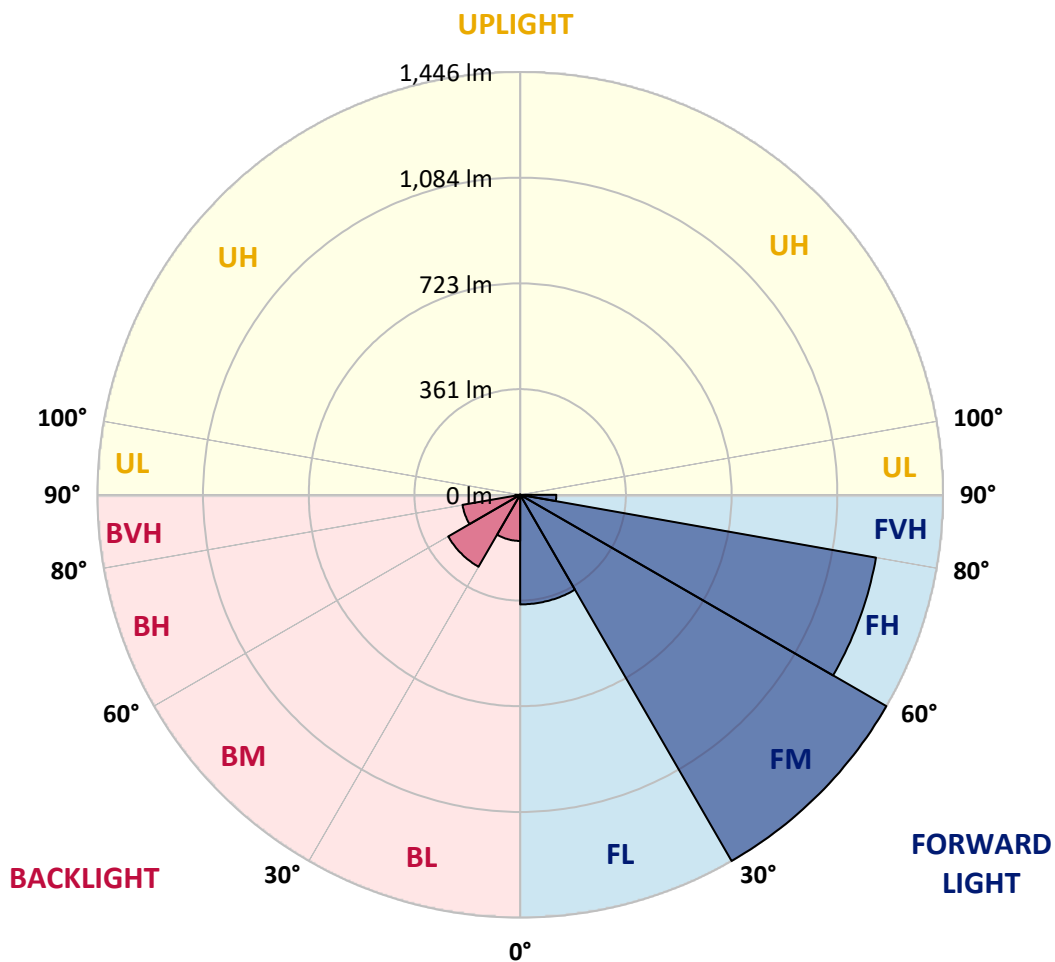
CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	374.8	9.8			
FM	(30°-60°)	1445.7	37.7			
FH	(60°-80°)	1235.2	32.2			G1/1800
FVH	(80°-90°)	123.7	3.2			G2/225
BL	(0°-30°)	157.6	4.1	B1/500		
BM	(30°-60°)	284.3	7.4	B1/1000		
BH	(60°-80°)	200.2	5.2	B1/500		G1/500
BVH	(80°-90°)	16.3	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





REPORT NUMBER: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9
2.5°	1312.4	1304.7	1295.1	1278.3	1263.4	1242.1	1236.9	1210.5	1193.6	1197.5	1167.2
5°	1232.4	1227.8	1204.0	1166.4	1141.9	1093.5	1065.7	1051.6	1011.5	1006.3	995.3
7.5°	1120.0	1106.4	1067.6	1021.1	979.2	943.7	899.1	864.9	834.5	815.8	782.9
10°	1023.8	1009.5	967.6	910.7	860.4	810.6	774.4	729.9	686.6	653.0	626.5
12.5°	977.3	961.7	912.7	846.8	790.6	728.5	677.5	633.7	609.7	592.9	571.1
15°	995.3	972.8	913.9	835.2	765.4	699.5	645.3	598.1	569.6	543.8	518.1
17.5°	1068.4	1040.6	973.3	878.5	781.5	696.3	618.8	565.1	520.0	481.2	446.3
20°	1193.6	1173.0	1075.5	942.4	816.4	698.3	596.1	525.8	470.8	421.8	375.3
22.5°	1340.2	1309.2	1213.7	1028.9	860.9	709.8	581.9	492.8	427.6	361.7	311.4
25°	1494.0	1470.1	1343.4	1145.2	929.5	733.7	571.1	463.7	376.6	303.5	248.0
27.5°	1617.9	1596.6	1471.3	1256.9	992.1	754.4	554.8	435.9	335.9	248.0	186.7
30°	1719.4	1701.3	1570.1	1348.6	1068.4	761.5	532.2	403.7	290.6	200.2	154.4
32.5°	1833.1	1813.0	1665.2	1412.6	1102.6	755.0	506.4	373.3	254.5	177.0	132.4
35°	1957.8	1934.5	1771.1	1481.8	1131.0	732.5	484.5	351.3	237.1	160.9	117.6
37.5°	2068.9	2054.0	1866.7	1550.1	1163.2	695.0	463.2	327.5	225.5	149.2	105.9
40°	2155.3	2151.5	1972.6	1607.0	1188.5	667.9	445.6	308.7	210.6	144.6	102.0
42.5°	2225.1	2223.8	2059.2	1658.0	1194.9	643.9	432.2	291.9	197.0	133.7	104.0
45°	2292.4	2291.7	2143.1	1729.1	1199.5	645.3	421.8	281.6	185.4	126.6	98.2
47.5°	2356.3	2366.0	2230.9	1827.9	1247.3	667.2	417.9	272.0	176.3	118.8	93.1
50°	2463.5	2453.8	2369.8	1961.6	1324.1	709.8	411.4	263.6	167.9	111.7	87.9
52.5°	2667.0	2656.0	2581.0	2140.5	1408.0	753.8	403.0	252.0	158.2	104.0	82.0
55°	2915.6	2930.5	2826.4	2358.2	1522.4	790.6	394.0	236.4	145.3	95.0	78.2
57.5°	3061.5	3049.3	2930.5	2483.5	1592.8	809.4	388.2	218.3	125.3	87.1	74.3
59°	3095.8	3075.2	2913.0	2504.8	1611.5	800.3	384.9	201.0	114.9	83.4	72.3
60°	3092.5	3067.4	2885.3	2491.3	1616.7	789.3	379.8	190.5	109.1	81.4	71.7
62.5°	3026.0	2986.7	2727.6	2327.1	1544.4	734.4	358.4	166.0	101.4	78.8	67.8
65°	2874.9	2819.4	2462.8	2006.8	1378.4	625.2	310.1	156.9	103.3	77.5	65.3
67.5°	2614.0	2569.4	2122.4	1660.6	1098.6	505.0	268.1	153.1	105.9	78.8	61.4
70°	2126.3	2088.2	1656.0	1243.3	822.8	401.7	243.5	151.2	104.0	75.5	58.1
72.5°	1499.8	1434.0	1100.6	870.6	521.8	322.9	211.2	142.7	101.4	73.0	53.0
75°	912.7	925.0	699.5	634.2	329.4	221.5	166.0	120.1	89.8	65.3	47.8
77.5°	602.0	601.3	516.1	447.6	167.3	137.6	117.6	92.3	70.3	53.6	41.3
80°	408.2	412.7	374.6	305.5	93.1	82.6	76.9	67.1	51.7	40.7	34.2
82.5°	251.3	252.0	290.1	228.7	62.1	52.3	49.0	45.3	36.8	31.6	26.5
85°	87.1	89.1	101.4	161.4	42.0	34.2	34.2	31.6	27.8	21.3	17.4
87.5°	37.5	36.8	43.9	43.9	20.8	17.4	16.2	16.2	15.5	11.6	9.7
90°	2.5	2.0	2.0	2.5	3.2	4.5	3.9	4.5	4.5	3.9	2.5
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



REPORT NUMBER: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

**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





REPORT NUMBER: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
0°	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9
2.5°	1158.2	1151.0	1131.0	1125.8	1132.2	1119.4	1116.1	1112.9	1088.9	1101.2	1087.1
5°	968.2	966.3	925.5	934.0	925.5	911.4	905.5	919.1	895.3	900.4	903.7
7.5°	744.1	736.3	709.2	691.2	680.2	670.5	658.2	638.2	653.7	650.5	675.0
10°	603.9	587.1	570.3	545.1	530.9	517.3	503.2	495.4	477.3	475.5	467.0
12.5°	553.5	529.6	508.4	486.3	471.5	444.4	421.8	407.7	396.0	377.8	364.4
15°	486.3	466.3	438.6	417.3	394.0	369.5	347.6	329.4	321.1	304.3	296.5
17.5°	418.5	388.2	354.7	333.3	301.0	275.8	257.7	246.0	233.8	223.5	214.4
20°	337.1	297.8	261.6	234.5	209.2	184.7	176.3	162.1	156.9	153.1	156.3
22.5°	256.5	215.8	178.2	157.7	144.1	137.6	130.4	127.9	125.9	125.3	126.6
25°	187.9	153.7	135.6	127.9	122.7	118.8	116.3	114.4	113.1	112.4	113.1
27.5°	145.3	127.2	118.1	113.1	109.1	106.6	105.3	103.3	102.7	102.0	102.7
30°	125.9	116.3	109.9	104.7	100.1	95.6	93.6	93.1	93.6	94.3	93.6
32.5°	109.9	102.7	95.6	91.1	87.9	85.2	85.2	84.0	84.0	85.9	86.6
35°	99.4	92.3	87.1	81.4	77.5	74.9	73.0	71.7	72.3	72.3	74.3
37.5°	91.1	85.9	81.4	76.3	72.3	69.8	68.5	67.1	66.6	65.8	65.8
40°	85.2	82.0	78.2	73.0	69.1	66.6	65.3	64.0	63.3	62.6	62.6
42.5°	85.2	78.8	76.3	71.7	67.1	64.6	62.6	61.4	60.1	60.1	60.1
45°	93.6	80.8	76.3	71.1	66.6	63.3	61.4	59.4	58.1	58.1	57.5
47.5°	91.1	90.4	77.5	71.1	67.1	63.3	60.7	58.7	57.5	56.9	56.2
50°	86.6	94.3	86.6	73.0	67.1	62.6	60.1	58.1	56.2	55.5	55.5
52.5°	84.0	87.9	89.8	75.5	67.8	62.6	59.4	57.5	56.2	54.9	54.3
55°	77.5	82.6	85.9	74.3	67.8	61.4	58.1	56.2	54.3	53.6	53.0
57.5°	71.1	74.9	82.6	74.3	65.8	60.7	56.9	54.3	53.0	52.3	51.7
59°	69.1	69.1	73.6	76.3	64.6	60.1	56.2	53.6	52.3	51.7	50.3
60°	67.1	67.1	69.8	78.2	64.0	59.4	55.5	53.0	51.0	51.0	50.3
62.5°	64.6	62.6	64.0	73.0	62.1	58.1	54.3	51.7	49.8	49.8	49.0
65°	61.4	58.7	58.7	60.7	58.1	55.5	53.0	50.3	47.8	47.8	48.5
67.5°	58.1	55.5	54.9	54.9	53.6	53.0	50.3	47.8	46.5	46.5	46.5
70°	53.6	51.7	51.0	49.8	49.8	49.0	47.1	45.3	43.9	44.6	43.9
72.5°	48.5	47.1	45.8	45.8	45.3	44.6	42.6	41.3	40.7	41.3	41.3
75°	43.3	41.3	41.3	40.1	40.1	39.3	37.5	36.8	36.2	36.8	37.5
77.5°	36.8	35.6	34.9	34.9	34.9	34.9	32.2	31.6	31.6	33.0	33.0
80°	30.4	29.7	29.0	29.0	29.0	28.5	27.1	26.5	26.5	27.1	27.8
82.5°	23.3	22.0	22.0	22.5	23.3	23.3	21.3	20.0	20.0	21.3	22.5
85°	15.5	15.5	15.5	16.2	16.2	16.8	15.5	13.6	14.2	14.8	16.8
87.5°	8.4	9.1	8.4	7.7	9.1	8.4	8.4	7.7	8.4	9.1	9.7
90°	2.5	2.5	2.0	1.3	0.7	1.3	1.3	2.0	0.7	0.7	1.3
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: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-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: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9
2.5°	1100.0	1088.9	1083.2	1105.7	1103.8	1084.4	1084.4	1098.1	1098.6	1087.1	1100.6
5°	907.5	896.5	906.9	897.8	903.0	902.3	910.1	895.9	901.7	896.5	884.2
7.5°	673.0	695.0	706.7	691.8	710.5	720.2	706.7	720.2	698.9	681.5	698.3
10°	463.2	487.7	483.2	507.0	516.1	521.3	530.9	518.6	503.8	499.3	487.0
12.5°	359.1	353.9	352.0	361.7	367.6	359.1	366.1	358.4	350.7	337.1	336.5
15°	281.0	272.5	266.8	255.7	252.0	253.8	257.1	257.1	241.6	242.3	248.0
17.5°	213.2	211.2	206.7	197.6	191.9	193.8	193.1	189.9	187.9	189.3	196.4
20°	160.2	158.2	160.9	163.4	161.4	162.1	159.4	156.3	155.0	156.3	157.7
22.5°	126.6	129.2	132.4	136.4	136.9	140.1	139.5	140.1	137.6	136.4	133.1
25°	115.6	116.9	114.9	115.6	115.6	118.8	118.1	118.1	115.6	114.9	115.6
27.5°	102.0	101.4	101.4	102.7	102.7	104.7	105.9	104.7	102.0	101.4	102.0
30°	94.3	93.6	93.1	93.6	93.1	93.6	95.0	95.0	93.6	91.6	92.3
32.5°	86.6	86.6	85.9	86.6	85.9	85.9	87.1	85.2	85.2	84.6	84.6
35°	76.3	77.5	78.8	79.4	79.4	79.4	80.8	78.8	78.2	77.5	77.5
37.5°	65.8	67.1	71.1	73.0	73.6	74.9	75.5	74.3	73.0	71.7	70.3
40°	62.6	62.6	64.0	66.6	69.1	69.8	71.1	69.1	68.5	66.6	64.6
42.5°	60.1	60.7	60.7	61.4	62.1	63.3	65.3	63.3	62.1	60.7	58.7
45°	58.1	58.1	58.1	58.1	57.5	57.5	58.1	56.9	56.2	55.5	55.5
47.5°	56.9	56.2	55.5	54.9	54.3	53.6	53.6	52.3	52.3	52.3	52.3
50°	55.5	54.3	53.6	53.0	51.7	51.7	51.7	50.3	49.8	49.8	50.3
52.5°	53.6	53.0	52.3	51.7	51.0	50.3	50.3	49.0	48.5	48.5	48.5
55°	53.0	52.3	51.0	50.3	49.8	50.3	49.8	49.0	47.8	47.8	47.8
57.5°	51.0	51.7	51.0	49.8	49.8	49.8	49.8	48.5	47.8	46.5	47.1
59°	50.3	51.0	50.3	49.8	49.0	49.8	49.8	47.8	47.1	46.5	46.5
60°	49.8	50.3	49.8	49.0	49.0	49.8	49.0	48.5	47.1	45.3	45.8
62.5°	49.0	49.0	48.5	48.5	47.8	48.5	47.8	46.5	45.3	43.9	43.3
65°	47.8	47.8	47.1	47.1	46.5	46.5	46.5	45.3	43.9	42.6	42.6
67.5°	47.1	46.5	45.8	45.8	45.3	45.3	45.3	43.9	42.0	41.3	40.7
70°	44.6	43.9	43.9	43.3	42.6	43.3	43.9	42.0	40.1	38.8	38.1
72.5°	42.0	41.3	41.3	40.7	40.7	41.3	42.0	40.1	37.5	36.2	35.6
75°	38.1	37.5	37.5	37.5	37.5	38.8	38.8	36.8	34.9	33.0	31.6
77.5°	33.0	33.6	33.6	33.6	33.6	34.9	34.9	33.6	31.6	30.4	28.5
80°	28.5	28.5	29.0	29.0	29.7	29.7	29.0	28.5	27.8	26.5	23.9
82.5°	23.9	23.9	23.9	23.9	23.9	23.3	22.0	23.3	23.3	22.0	20.0
85°	18.8	18.8	18.8	19.3	19.3	17.4	15.5	15.5	17.4	16.8	15.5
87.5°	11.0	11.0	11.6	13.6	12.3	11.6	9.7	10.3	9.7	11.0	9.1
90°	2.5	2.0	2.0	0.7	1.3	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: P271656  
 CATALOG NUMBER: IST-AF-800-LED-E1-SLR-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: P271656  
 NUMBER: IST-AF-800-LED-E1-SLR-7027

REPORT NUMBER: P  
 CATALOG NUMBER:

<u>DISTRIBUTION (continued):</u>											<u>CANDELA DISTRIBUTION</u>	
160°	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	110°	160°
1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	110°	0.0
1102.0	1104.5	1110.3	1108.4	1129.7	1123.2	1138.2	1158.2	1176.8	1167.8	1170.4	112.5°	0.0
906.2	909.4	884.9	899.7	921.8	912.7	909.4	939.2	932.0	965.6	937.8	115°	0.0
671.1	663.4	651.7	645.9	629.7	629.7	660.2	673.7	671.8	695.0	718.9	117.5°	0.0
471.5	462.4	448.3	444.4	460.5	468.3	481.9	495.4	513.5	540.0	555.5	120°	0.0
346.2	343.0	346.2	355.9	370.7	381.7	402.4	426.2	446.3	467.7	488.3	122.5°	0.0
261.6	268.1	276.5	282.9	294.6	315.1	326.2	352.7	370.7	389.4	413.4	125°	0.0
203.5	207.3	209.2	211.9	221.5	236.4	236.4	263.6	287.4	312.0	332.0	127.5°	0.0
155.0	155.0	148.6	152.4	153.7	152.4	160.2	175.7	191.2	207.3	238.9	130°	0.0
129.9	125.9	124.1	123.3	124.1	126.6	131.2	136.9	139.5	146.6	158.9	132.5°	0.0
114.9	114.4	112.4	112.4	113.6	114.4	118.8	124.1	125.3	127.2	131.8	135°	0.0
101.4	102.7	104.7	104.0	104.7	105.9	109.1	113.6	116.3	116.9	120.1	137.5°	0.0
91.6	93.1	93.6	95.6	95.6	96.3	98.8	103.3	105.3	108.5	111.7	140°	0.0
85.2	85.9	86.6	85.9	86.6	86.6	89.8	94.3	96.8	98.8	100.8	142.5°	0.0
78.2	77.5	77.5	77.5	75.5	74.9	76.3	80.8	81.4	83.4	87.9	145°	0.0
69.8	67.8	66.6	66.6	66.6	67.1	70.3	74.9	75.5	77.5	81.4	147.5°	0.0
62.1	61.4	61.4	62.1	62.6	64.0	66.6	71.1	71.7	73.6	76.9	150°	0.0
58.1	58.1	58.1	58.7	59.4	60.1	63.3	67.8	69.1	71.1	74.9	152.5°	0.0
55.5	56.2	55.5	55.5	56.2	57.5	60.7	65.8	67.8	69.8	73.6	155°	0.0
53.6	53.6	53.6	54.3	54.3	55.5	59.4	64.6	65.8	68.5	74.3	157.5°	0.0
51.0	52.3	51.7	52.3	53.0	54.3	58.1	63.3	65.3	69.1	75.5	160°	0.0
49.8	49.8	49.8	50.3	51.7	52.3	55.5	61.4	64.0	69.1	79.4	162.5°	0.0
49.0	47.8	47.8	48.5	49.8	51.0	54.3	60.1	63.3	68.5	78.8	165°	0.0
48.5	46.5	45.8	46.5	47.8	48.5	52.3	58.1	62.6	66.6	76.3	167.5°	0.0
46.5	45.3	44.6	45.3	46.5	47.8	51.0	56.9	60.1	65.3	73.0	170°	0.0
45.8	43.9	43.9	44.6	45.8	46.5	49.8	55.5	58.7	65.8	74.9	172.5°	0.0
43.3	42.6	42.6	43.3	43.3	44.6	48.5	54.3	56.9	67.1	62.6	175°	0.0
41.3	41.3	41.3	41.3	42.0	42.6	47.1	53.0	54.3	58.1	53.6	177.5°	0.0
40.1	40.1	40.1	40.1	40.1	41.3	45.3	51.0	51.7	51.0	49.0	180°	0.0
37.5	37.5	37.5	37.5	38.1	38.8	42.6	47.8	47.8	46.5	46.5		
35.6	34.9	34.9	34.9	34.9	35.6	39.3	44.6	43.9	43.3	43.3		
31.6	31.6	31.6	31.6	31.6	31.6	35.6	40.7	40.1	39.3	38.8		
27.8	27.8	28.5	27.8	27.1	26.5	30.4	36.2	36.2	35.6	34.9		
23.9	23.3	23.9	23.3	22.0	22.0	25.2	30.4	31.0	30.4	29.0		
19.3	18.8	18.8	18.8	16.2	16.2	19.3	24.5	24.5	23.9	22.5		
14.8	14.2	13.6	12.9	11.0	11.0	13.6	18.1	18.8	16.2	15.5		
7.7	7.7	7.7	5.7	5.2	4.5	7.1	11.0	11.0	9.1	7.7		
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		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

'271656  
 IST-AF-800-LED-E1-SLR-7027

REPORT NUMBER: P271656  
 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°	1267.9	1267.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1186.5	1192.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	958.5	981.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	724.8	755.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	580.7	601.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	509.6	539.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	437.3	469.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	358.4	397.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	273.8	312.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	192.5	225.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	140.1	155.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	124.7	130.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	116.9	120.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	105.3	109.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	92.3	97.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	85.9	89.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	82.0	82.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	78.8	78.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	76.9	78.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	78.2	86.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	87.9	85.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	89.8	80.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	82.0	76.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	73.6	67.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	65.8	62.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	61.4	60.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	56.2	57.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	52.3	54.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	50.3	52.3
										70°	47.1	48.5
										72.5°	43.9	44.6
										75°	39.3	40.1
										77.5°	34.9	34.9
										80°	28.5	28.5
										82.5°	22.0	21.3
										85°	14.2	13.6
										87.5°	6.5	5.2
										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: P271656

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

0-LED-E1-SLR-7027

<u>tinued):</u>										<u>CANDELA DISTRIBUTION (continued):</u>		
225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	110°	0.0	0.0	0.0
1221.3	1239.5	1253.8	1251.1	1281.4	1299.6	1302.1	1320.9	1338.9	112.5°	0.0	0.0	0.0
999.3	1024.3	1049.0	1067.1	1114.9	1154.2	1184.5	1216.8	1255.0	115°	0.0	0.0	0.0
796.3	817.6	857.7	886.9	937.2	983.0	1027.6	1078.7	1121.9	117.5°	0.0	0.0	0.0
624.0	651.1	688.6	742.8	788.0	840.4	896.5	944.9	1017.3	120°	0.0	0.0	0.0
560.6	577.4	608.4	634.2	690.4	746.0	809.4	875.8	942.4	122.5°	0.0	0.0	0.0
495.4	525.1	554.2	591.6	640.7	701.5	769.8	841.6	916.5	125°	0.0	0.0	0.0
432.2	471.5	503.2	543.8	598.7	675.6	764.7	853.9	941.7	127.5°	0.0	0.0	0.0
354.7	391.4	447.0	488.3	560.0	656.2	770.6	893.9	1012.7	130°	0.0	0.0	0.0
279.0	318.4	381.7	443.0	521.8	645.9	793.8	959.7	1118.7	132.5°	0.0	0.0	0.0
199.5	253.2	315.8	393.4	488.9	639.4	825.5	1041.1	1255.0	135°	0.0	0.0	0.0
149.2	186.7	262.8	347.6	452.2	627.8	859.0	1116.8	1348.0	137.5°	0.0	0.0	0.0
133.1	159.4	209.2	298.3	406.9	605.2	884.2	1188.5	1432.5	140°	0.0	0.0	0.0
116.3	136.9	176.3	252.0	366.1	570.3	895.3	1226.5	1491.4	142.5°	0.0	0.0	0.0
102.0	121.5	161.4	233.8	345.6	530.9	893.3	1264.6	1565.0	145°	0.0	0.0	0.0
93.1	109.9	155.0	229.2	329.4	494.8	895.3	1326.1	1674.2	147.5°	0.0	0.0	0.0
85.9	105.3	149.8	219.6	321.6	474.8	903.0	1380.2	1767.9	150°	0.0	0.0	0.0
85.9	104.0	136.9	206.0	317.8	476.7	906.2	1422.3	1837.7	152.5°	0.0	0.0	0.0
90.4	97.6	127.2	198.3	320.3	490.8	902.3	1464.9	1905.5	155°	0.0	0.0	0.0
85.9	91.1	120.8	197.0	320.3	501.3	913.9	1517.9	1994.6	157.5°	0.0	0.0	0.0
81.4	84.6	118.8	195.0	313.9	510.9	961.7	1616.7	2110.7	160°	0.0	0.0	0.0
75.5	79.4	116.3	191.9	306.8	523.3	1046.3	1782.7	2303.3	162.5°	0.0	0.0	0.0
68.5	76.3	112.4	186.7	302.3	545.1	1132.9	1950.6	2532.6	165°	0.0	0.0	0.0
65.8	73.0	103.3	174.5	297.8	569.1	1225.3	2111.5	2738.7	167.5°	0.0	0.0	0.0
64.0	70.3	95.6	165.4	293.8	580.7	1253.0	2172.8	2818.1	170°	0.0	0.0	0.0
62.6	69.1	91.1	157.7	289.3	581.3	1273.1	2196.1	2829.8	172.5°	0.0	0.0	0.0
60.7	66.6	82.0	141.4	275.2	580.7	1275.1	2210.9	2796.2	175°	0.0	0.0	0.0
57.5	64.0	82.6	133.1	249.3	553.5	1194.9	2139.2	2662.4	177.5°	0.0	0.0	0.0
54.9	62.1	87.1	134.9	222.2	483.7	1045.1	1916.4	2376.3	180°	0.0	0.0	0.0
51.0	60.7	91.1	139.5	214.4	401.7	790.6	1565.0	1990.0				
47.1	60.1	94.3	142.7	206.0	330.7	547.8	1109.7	1489.5				
42.6	54.9	85.9	121.5	170.5	240.3	352.7	726.0	1027.0				
36.8	43.9	62.6	85.2	125.3	167.9	208.7	438.6	671.8				
30.4	33.0	44.6	54.9	83.4	99.4	115.6	247.3	469.5				
22.5	23.3	30.4	34.9	47.1	54.9	69.1	151.8	380.4				
12.9	14.8	20.8	23.3	28.5	34.9	45.3	96.8	298.3				
5.2	6.5	12.3	13.6	15.5	19.3	25.2	56.2	93.1				
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	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: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

SLR-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°	1267.9	1267.9	1267.9	1267.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1357.0	1370.6	1382.2	1391.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	1295.6	1327.3	1365.4	1397.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1186.5	1226.5	1288.6	1326.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	1083.2	1141.9	1209.7	1264.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1012.7	1085.7	1150.4	1211.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	993.3	1067.6	1125.8	1182.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1032.2	1106.4	1156.2	1190.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	1123.2	1202.7	1234.3	1231.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1247.8	1331.2	1331.2	1305.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	1412.6	1472.6	1439.7	1390.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1529.5	1585.7	1528.2	1447.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	1626.4	1667.7	1594.7	1497.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1711.6	1742.0	1645.8	1549.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	1813.7	1824.6	1698.8	1596.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	1926.8	1935.8	1774.9	1647.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	2059.7	2027.5	1831.1	1694.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	2141.8	2088.9	1871.8	1718.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	2206.3	2134.0	1890.6	1733.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	2285.8	2200.6	1923.5	1758.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	2390.5	2292.9	2006.8	1831.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	2604.9	2484.2	2156.7	1959.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	2851.7	2737.3	2396.3	2169.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	3049.3	2972.4	2610.0	2358.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	3122.3	3089.3	2761.2	2519.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	3149.4	3177.8	2841.2	2617.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	3168.1	3291.5	3101.6	2911.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	3129.3	3310.3	3206.9	3090.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	2960.8	3177.1	3157.1	3054.5
								70°	2616.0	2856.8	2926.6	2780.6
								72.5°	1968.1	2267.1	2647.6	2418.9
								75°	1282.2	1558.6	2260.7	2072.1
								77.5°	802.8	972.8	1612.7	1451.3
								80°	534.1	625.2	1023.8	932.0
								82.5°	401.7	443.0	704.0	662.1
								85°	211.9	270.0	547.8	694.3
								87.5°	79.4	88.6	412.1	620.7
								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: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9	110°	0.0	0.0	0.0	0.0	0.0
1399.0	1410.7	1417.7	1412.6	1421.0	1422.9	1413.9	112.5°	0.0	0.0	0.0	0.0	0.0
1424.8	1457.2	1480.4	1496.6	1503.0	1508.8	1506.3	115°	0.0	0.0	0.0	0.0	0.0
1377.0	1426.8	1470.1	1499.8	1510.1	1517.9	1510.8	117.5°	0.0	0.0	0.0	0.0	0.0
1324.1	1375.8	1416.4	1446.2	1445.6	1453.3	1439.7	120°	0.0	0.0	0.0	0.0	0.0
1274.3	1324.7	1360.9	1359.7	1350.6	1328.0	1324.1	122.5°	0.0	0.0	0.0	0.0	0.0
1235.0	1261.4	1270.6	1268.6	1242.7	1229.8	1227.8	125°	0.0	0.0	0.0	0.0	0.0
1215.6	1214.3	1193.6	1171.0	1146.5	1145.2	1128.5	127.5°	0.0	0.0	0.0	0.0	0.0
1218.8	1176.8	1138.7	1100.0	1073.5	1067.6	1069.6	130°	0.0	0.0	0.0	0.0	0.0
1259.5	1185.2	1113.4	1074.1	1043.1	1034.1	1037.9	132.5°	0.0	0.0	0.0	0.0	0.0
1310.5	1211.1	1121.9	1061.9	1036.6	1025.7	1027.6	135°	0.0	0.0	0.0	0.0	0.0
1344.8	1240.8	1149.7	1075.5	1041.1	1030.9	1037.4	137.5°	0.0	0.0	0.0	0.0	0.0
1388.7	1281.4	1187.2	1110.3	1059.3	1045.6	1050.3	140°	0.0	0.0	0.0	0.0	0.0
1432.0	1325.4	1240.1	1153.0	1090.9	1065.7	1072.8	142.5°	0.0	0.0	0.0	0.0	0.0
1478.5	1376.5	1290.5	1211.1	1138.2	1098.6	1107.7	145°	0.0	0.0	0.0	0.0	0.0
1532.7	1435.9	1362.2	1289.2	1214.3	1181.3	1185.2	147.5°	0.0	0.0	0.0	0.0	0.0
1585.1	1494.0	1446.8	1392.6	1348.6	1298.3	1298.3	150°	0.0	0.0	0.0	0.0	0.0
1616.1	1569.6	1556.7	1541.1	1515.4	1479.1	1471.3	152.5°	0.0	0.0	0.0	0.0	0.0
1654.2	1659.3	1689.0	1720.1	1727.8	1692.2	1681.3	155°	0.0	0.0	0.0	0.0	0.0
1725.8	1780.1	1877.6	1962.3	1979.1	2008.1	1974.6	157.5°	0.0	0.0	0.0	0.0	0.0
1826.6	1926.8	2091.4	2229.6	2269.1	2271.6	2274.1	160°	0.0	0.0	0.0	0.0	0.0
1941.6	2085.0	2302.6	2467.4	2537.7	2556.5	2542.9	162.5°	0.0	0.0	0.0	0.0	0.0
2138.5	2268.4	2506.7	2684.3	2774.9	2818.7	2807.1	165°	0.0	0.0	0.0	0.0	0.0
2333.7	2495.1	2705.1	2880.1	2976.4	3025.4	3035.7	167.5°	0.0	0.0	0.0	0.0	0.0
2466.7	2617.8	2811.7	2973.1	3068.0	3126.8	3132.0	170°	0.0	0.0	0.0	0.0	0.0
2548.1	2686.3	2875.6	3017.7	3112.5	3162.3	3180.4	172.5°	0.0	0.0	0.0	0.0	0.0
2794.9	2820.0	2949.1	3042.9	3109.3	3132.0	3145.5	175°	0.0	0.0	0.0	0.0	0.0
2910.5	2805.1	2790.2	2848.4	2854.3	2839.5	2820.7	177.5°	0.0	0.0	0.0	0.0	0.0
2749.6	2503.6	2412.5	2404.8	2380.8	2371.1	2311.7	180°	0.0	0.0	0.0	0.0	0.0
2388.0	2033.3	1872.4	1785.3	1838.2	1836.2	1775.6						
2011.9	1650.9	1442.3	1316.9	1301.6	1298.9	1245.9						
1634.2	1295.6	1112.9	1052.2	979.2	957.2	966.3						
1178.1	925.0	886.2	932.7	938.5	921.8	910.1						
742.1	695.6	733.1	817.6	867.4	845.5	853.9						
618.8	547.8	550.3	639.4	673.0	678.2	660.7						
686.6	548.3	449.5	438.6	427.0	268.8	374.0						
618.8	424.4	250.0	206.0	126.6	73.0	75.5						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	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: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-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°	1267.9	1267.9	1267.9	1267.9	1267.9	1267.9
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1412.0	1399.6	1386.2	1368.0	1371.3	1349.3
0.0	0.0	0.0	0.0	0.0	0.0	5°	1486.2	1464.9	1435.9	1399.0	1364.7	1320.9
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1478.5	1444.3	1395.8	1340.2	1295.1	1231.8
0.0	0.0	0.0	0.0	0.0	0.0	10°	1412.0	1367.4	1328.0	1270.6	1211.7	1156.2
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	1318.9	1293.8	1259.5	1216.2	1159.4	1102.6
0.0	0.0	0.0	0.0	0.0	0.0	15°	1217.6	1219.4	1198.8	1187.2	1158.7	1113.4
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	1134.2	1153.5	1164.6	1182.7	1185.9	1163.9
0.0	0.0	0.0	0.0	0.0	0.0	20°	1078.7	1105.7	1139.9	1189.7	1242.1	1264.6
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	1047.6	1081.2	1136.2	1226.5	1322.1	1379.7
0.0	0.0	0.0	0.0	0.0	0.0	25°	1041.9	1086.4	1163.2	1273.8	1397.8	1478.5
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1051.6	1109.7	1200.8	1326.7	1448.8	1565.7
0.0	0.0	0.0	0.0	0.0	0.0	30°	1082.5	1150.4	1249.8	1385.5	1512.0	1628.3
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1112.2	1196.3	1306.0	1438.5	1565.7	1681.3
0.0	0.0	0.0	0.0	0.0	0.0	35°	1160.0	1244.6	1357.0	1479.1	1602.5	1733.5
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	1233.0	1307.3	1397.0	1510.8	1639.2	1774.9
0.0	0.0	0.0	0.0	0.0	0.0	40°	1336.9	1386.2	1444.3	1534.0	1657.5	1802.7
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	1492.6	1503.0	1523.1	1569.6	1673.5	1835.0
0.0	0.0	0.0	0.0	0.0	0.0	45°	1693.6	1662.5	1645.2	1638.7	1709.7	1855.7
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	1926.8	1866.0	1796.3	1762.7	1779.5	1888.7
0.0	0.0	0.0	0.0	0.0	0.0	50°	2230.3	2131.5	1994.6	1897.7	1889.2	1985.5
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	2508.7	2379.5	2207.0	2092.7	2046.2	2166.4
0.0	0.0	0.0	0.0	0.0	0.0	55°	2771.6	2672.1	2477.1	2335.0	2318.7	2406.0
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	3002.1	2916.3	2756.7	2571.4	2577.8	2662.4
0.0	0.0	0.0	0.0	0.0	0.0	59°	3121.6	3049.9	2902.1	2713.4	2727.6	2843.9
0.0	0.0	0.0	0.0	0.0	0.0	60°	3164.3	3104.3	2963.4	2804.5	2822.7	2943.4
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	3161.0	3122.3	3020.2	2945.4	3037.7	3126.2
0.0	0.0	0.0	0.0	0.0	0.0	65°	2859.5	2800.6	2789.0	2920.1	3098.4	3183.6
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	2274.1	2302.0	2412.5	2637.9	2936.9	3061.0
						70°	1689.0	1738.1	1885.5	2168.3	2579.1	2793.5
						72.5°	1242.1	1291.1	1426.8	1736.9	2121.8	2311.7
						75°	974.8	989.6	1087.1	1330.6	1672.3	1827.9
						77.5°	900.4	855.8	815.8	946.3	1127.7	1261.4
						80°	838.4	753.8	659.4	698.9	742.8	884.9
						82.5°	651.1	594.9	521.3	571.6	592.3	596.8
						85°	381.2	339.1	429.5	608.4	602.0	527.0
						87.5°	134.4	174.5	196.4	337.1	407.7	352.7
						90°	0.0	2.0	5.7	6.5	9.7	3.2
						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: P271656

CATALOG NUMBER: IST-AF-800-LED-E1-SLR-7027

**CANDELA DISTRIBUTION (continued):**

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
1267.9	1267.9	1267.9	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1331.8	1313.8	1312.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1286.0	1245.3	1232.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1176.8	1129.7	1120.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.2	1032.8	1023.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1037.9	988.2	977.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1056.0	1001.1	995.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1123.9	1065.7	1068.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1240.1	1202.7	1193.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1392.6	1351.9	1340.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1522.4	1501.8	1494.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1616.1	1625.8	1617.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1691.0	1723.3	1719.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1767.9	1830.5	1833.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824.6	1935.1	1957.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1897.7	2045.6	2068.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1953.3	2127.0	2155.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007.4	2194.1	2225.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2052.1	2260.7	2292.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2102.4	2325.3	2356.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2192.9	2426.6	2463.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2387.2	2614.6	2667.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2668.2	2874.3	2915.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2921.4	3050.6	3061.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3025.4	3099.1	3095.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3101.6	3110.7	3092.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3143.0	3057.0	3026.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3035.1	2915.6	2874.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2723.8	2660.5	2614.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2316.9	2156.7	2126.3								
1756.2	1545.1	1499.8								
1227.3	974.0	912.7								
806.8	625.2	602.0								
523.3	415.4	408.2								
364.9	272.5	251.3								
224.1	91.1	87.1								
69.8	42.0	37.5								
2.0	2.5	2.5								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								

