

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: P227368

Luminaire Tested: **IST-AF-600-LED-E1-SLR-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P227368  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35948)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: IST-AF-600-LED-E1-SLR-8030  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT  
Light Source: (16) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

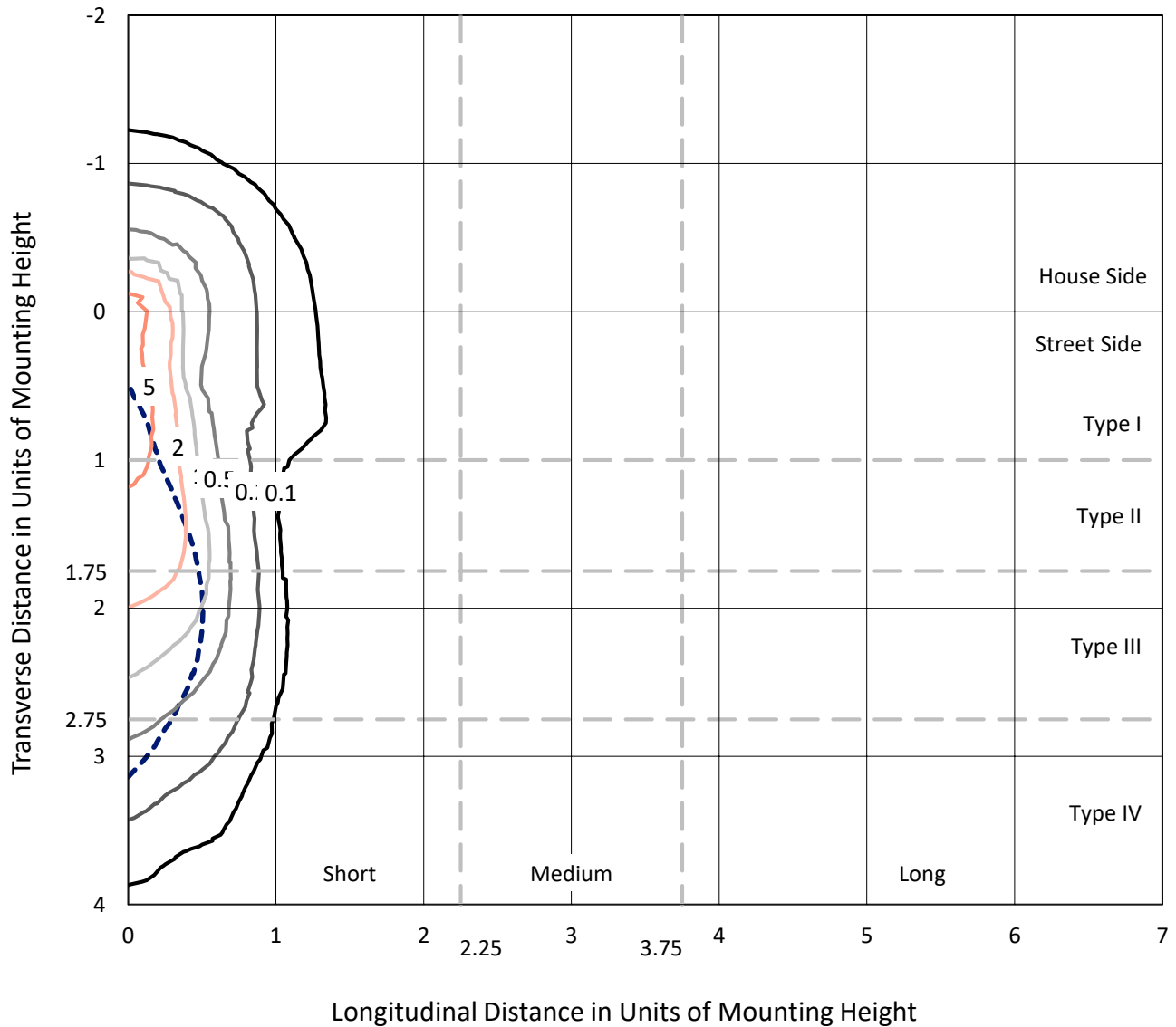
Lumens per Lamp: N/A  
Luminaire Lumens: 2879.7 lumens  
Efficiency: N/A  
Efficacy: 85.4 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U1 - G1  
  
Input Watts (W): 33.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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 CATALOG NUMBER: IST-AF-600-LED-E1-SLR-8030

### Iso-Footcandle Lines of Horizontal Illumination

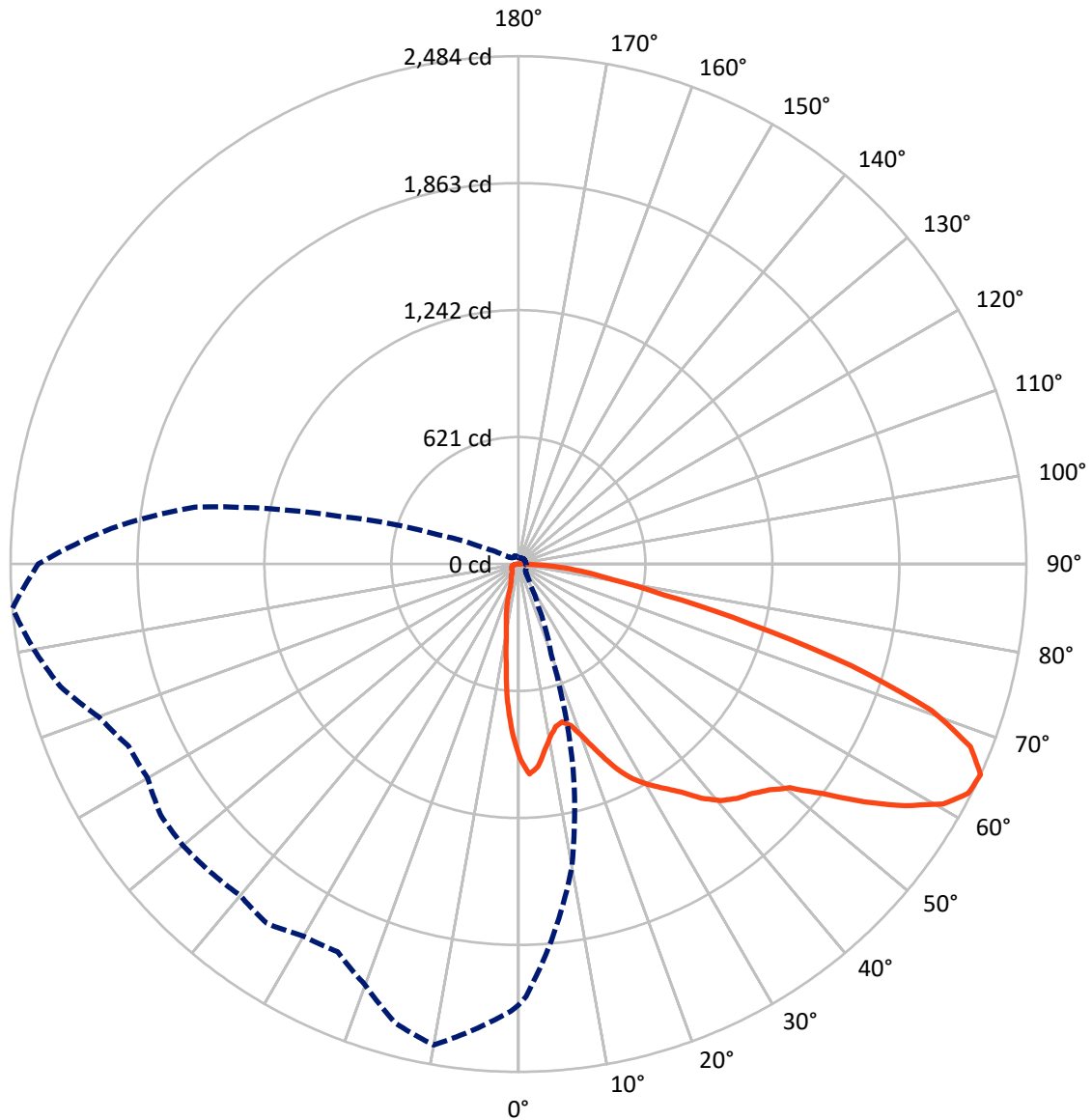
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 9.5 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
<b>House Side</b>	Lumens	493.9	0.0	494.0
	% Fixture	17.2	0.0	17.2
<b>Street Side</b>	Lumens	2385.6	0.1	2385.7
	% Fixture	82.8	0.0	82.8
<b>Total</b>	Lumens	2879.5	0.1	2879.7
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	70.5	2.4
10°-20°	135.6	4.7
20°-30°	193.4	6.7
30°-40°	280.5	9.7
40°-50°	401.3	13.9
50°-60°	616.2	21.4
60°-70°	713.2	24.8
70°-80°	363.8	12.6
80°-90°	105.0	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°	2879.5	100.0
0°-180°	2879.7	100.0



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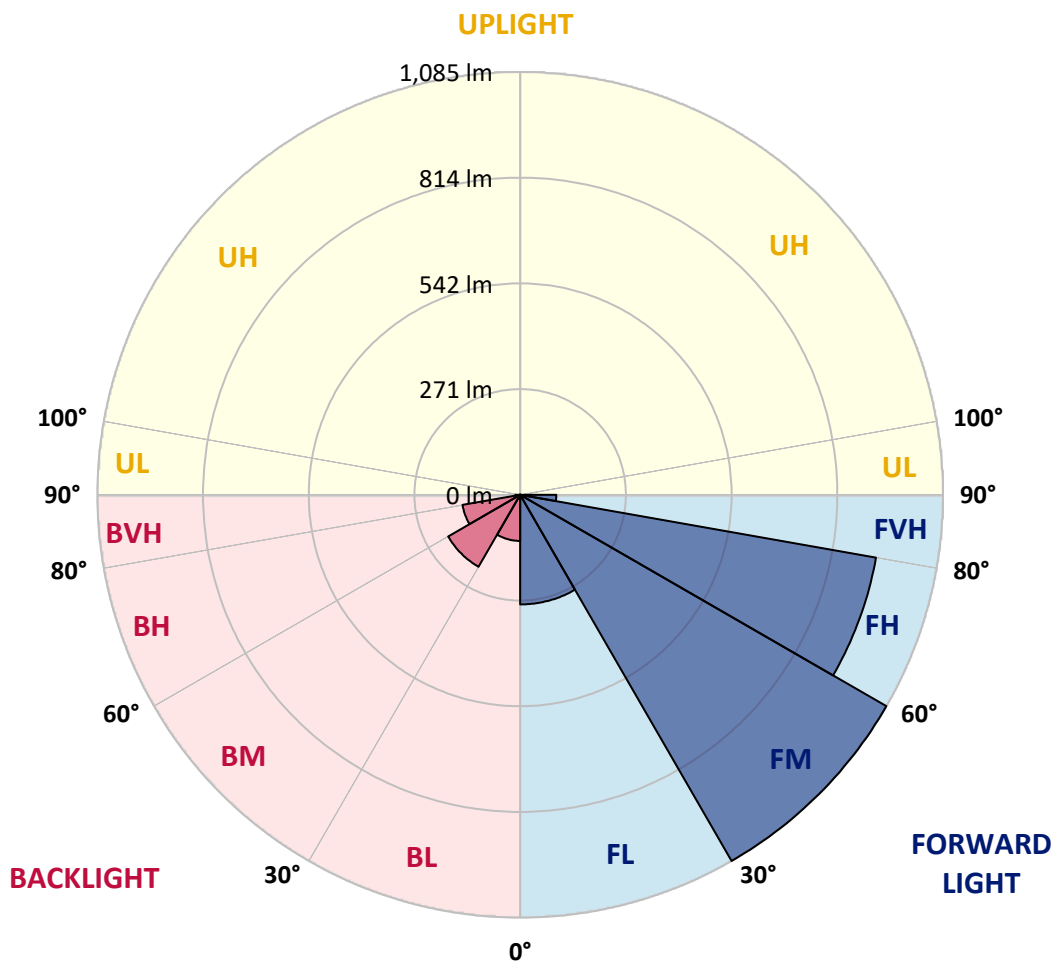
CATALOG NUMBER: IST-AF-600-LED-E1-SLR-8030

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	281.2	9.8			
FM (30°-60°)	1084.7	37.7			
FH (60°-80°)	926.8	32.2			G1/1800
FVH (80°-90°)	92.8	3.2			G1/100
BL (0°-30°)	118.2	4.1	B1/500		
BM (30°-60°)	213.3	7.4	B0/220		
BH (60°-80°)	150.2	5.2	B1/500		G1/500
BVH (80°-90°)	12.2	0.4			G1/100
UL (90°-100°)	0.1	0.0		U1/10	
UH (100°-180°)	0.0	0.0		U1/10	

**BUG Rating: B1-U1-G1**

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3
2.5°	984.8	978.9	971.7	959.1	947.9	931.9	928.1	908.2	895.6	898.5	875.7
5°	924.7	921.3	903.3	875.2	856.8	820.5	799.6	789.0	758.9	755.1	746.8
7.5°	840.3	830.2	801.1	766.2	734.7	708.0	674.6	648.9	626.1	612.1	587.4
10°	768.1	757.5	726.0	683.3	645.5	608.2	581.1	547.6	515.2	490.0	470.1
12.5°	733.2	721.6	684.8	635.3	593.2	546.7	508.4	475.4	457.5	444.9	428.4
15°	746.8	729.9	685.7	626.6	574.3	524.9	484.1	448.8	427.4	408.1	388.7
17.5°	801.6	780.7	730.3	659.1	586.4	522.4	464.3	424.1	390.1	361.0	334.9
20°	895.6	880.1	806.9	707.1	612.6	523.9	447.3	394.5	353.3	316.5	281.6
22.5°	1005.6	982.3	910.6	772.0	646.0	532.6	436.7	369.8	320.8	271.4	233.6
25°	1120.9	1103.0	1008.0	859.2	697.4	550.5	428.4	348.0	282.5	227.8	186.1
27.5°	1214.0	1198.0	1104.0	943.1	744.4	566.0	416.3	327.1	252.0	186.1	140.1
30°	1290.1	1276.5	1178.1	1011.9	801.6	571.4	399.3	302.9	218.1	150.2	115.8
32.5°	1375.4	1360.4	1249.4	1059.9	827.3	566.5	379.9	280.1	190.9	132.8	99.3
35°	1468.9	1451.5	1328.9	1111.7	848.6	549.6	363.5	263.6	177.9	120.7	88.2
37.5°	1552.3	1541.1	1400.6	1163.1	872.8	521.5	347.5	245.7	169.1	111.9	79.5
40°	1617.2	1614.3	1480.1	1205.8	891.7	501.1	334.4	231.7	158.0	108.6	76.6
42.5°	1669.5	1668.6	1545.0	1244.0	896.6	483.2	324.2	219.1	147.8	100.3	78.0
45°	1719.9	1719.5	1608.0	1297.4	900.0	484.1	316.5	211.3	139.1	95.0	73.7
47.5°	1767.9	1775.2	1673.9	1371.5	935.8	500.6	313.6	204.0	132.3	89.2	69.8
50°	1848.4	1841.1	1778.1	1471.8	993.5	532.6	308.7	197.7	126.0	83.8	65.9
52.5°	2001.0	1992.8	1936.6	1606.1	1056.5	565.6	302.4	189.0	118.7	78.0	61.5
55°	2187.6	2198.8	2120.7	1769.4	1142.3	593.2	295.6	177.4	109.0	71.2	58.6
57.5°	2297.1	2287.9	2198.8	1863.4	1195.1	607.2	291.3	163.8	94.0	65.4	55.7
59°	2322.8	2307.3	2185.7	1879.4	1209.1	600.5	288.8	150.7	86.3	62.5	54.3
60°	2320.4	2301.5	2164.8	1869.2	1213.0	592.2	285.0	143.0	81.9	61.1	53.8
62.5°	2270.5	2240.9	2046.6	1746.1	1158.7	551.0	269.0	124.5	76.1	59.1	50.9
65°	2157.1	2115.4	1847.9	1505.7	1034.2	469.1	232.6	117.8	77.5	58.2	48.9
67.5°	1961.3	1927.9	1592.5	1246.0	824.4	379.0	201.1	114.9	79.5	59.1	46.0
70°	1595.4	1566.8	1242.6	932.9	617.4	301.4	182.7	113.4	78.0	56.7	43.6
72.5°	1125.3	1075.9	825.8	653.3	391.6	242.3	158.5	107.1	76.1	54.8	39.7
75°	684.8	694.0	524.9	475.9	247.2	166.2	124.5	90.1	67.4	48.9	35.9
77.5°	451.7	451.2	387.2	335.8	125.5	103.2	88.2	69.3	52.8	40.2	31.0
80°	306.3	309.7	281.1	229.2	69.8	62.0	57.7	50.4	38.8	30.5	25.7
82.5°	188.5	189.0	217.6	171.6	46.5	39.3	36.8	33.9	27.6	23.7	19.9
85°	65.4	66.9	76.1	121.2	31.5	25.7	25.7	23.7	20.8	16.0	13.1
87.5°	28.1	27.6	33.0	33.0	15.5	13.1	12.1	12.1	11.6	8.7	7.3
90°	1.9	1.5	1.5	1.9	2.4	3.4	2.9	3.4	3.4	2.9	1.9
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°	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3
2.5°	868.9	863.6	848.6	844.7	849.6	839.9	837.4	835.0	817.1	826.3	815.6
5°	726.5	725.0	694.5	700.8	694.5	683.8	679.4	689.6	671.7	675.6	678.0
7.5°	558.3	552.5	532.1	518.6	510.3	503.0	493.8	478.8	490.4	488.0	506.4
10°	453.1	440.5	427.9	409.0	398.4	388.2	377.5	371.7	358.1	356.7	350.4
12.5°	415.3	397.4	381.4	364.9	353.8	333.4	316.5	305.8	297.1	283.5	273.3
15°	364.9	349.9	329.1	313.1	295.6	277.2	260.7	247.2	240.9	228.3	222.4
17.5°	314.0	291.3	266.1	250.1	225.8	206.9	193.4	184.6	175.4	167.7	160.9
20°	253.0	223.4	196.3	175.9	157.0	138.6	132.3	121.6	117.8	114.9	117.3
22.5°	192.4	161.9	133.8	118.2	108.1	103.2	97.9	96.0	94.5	94.0	95.0
25°	141.0	115.3	101.8	96.0	92.1	89.2	87.2	85.8	84.8	84.3	84.8
27.5°	109.0	95.5	88.7	84.8	81.9	80.0	79.0	77.5	77.1	76.6	77.1
30°	94.5	87.2	82.4	78.5	75.1	71.7	70.3	69.8	70.3	70.8	70.3
32.5°	82.4	77.1	71.7	68.3	65.9	64.0	64.0	63.0	63.0	64.5	64.9
35°	74.6	69.3	65.4	61.1	58.2	56.2	54.8	53.8	54.3	54.3	55.7
37.5°	68.3	64.5	61.1	57.2	54.3	52.3	51.4	50.4	49.9	49.4	49.4
40°	64.0	61.5	58.6	54.8	51.9	49.9	48.9	48.0	47.5	47.0	47.0
42.5°	64.0	59.1	57.2	53.8	50.4	48.5	47.0	46.0	45.1	45.1	45.1
45°	70.3	60.6	57.2	53.3	49.9	47.5	46.0	44.6	43.6	43.6	43.1
47.5°	68.3	67.8	58.2	53.3	50.4	47.5	45.6	44.1	43.1	42.6	42.2
50°	64.9	70.8	64.9	54.8	50.4	47.0	45.1	43.6	42.2	41.7	41.7
52.5°	63.0	65.9	67.4	56.7	50.9	47.0	44.6	43.1	42.2	41.2	40.7
55°	58.2	62.0	64.5	55.7	50.9	46.0	43.6	42.2	40.7	40.2	39.7
57.5°	53.3	56.2	62.0	55.7	49.4	45.6	42.6	40.7	39.7	39.3	38.8
59°	51.9	51.9	55.2	57.2	48.5	45.1	42.2	40.2	39.3	38.8	37.8
60°	50.4	50.4	52.3	58.6	48.0	44.6	41.7	39.7	38.3	38.3	37.8
62.5°	48.5	47.0	48.0	54.8	46.5	43.6	40.7	38.8	37.3	37.3	36.8
65°	46.0	44.1	44.1	45.6	43.6	41.7	39.7	37.8	35.9	35.9	36.3
67.5°	43.6	41.7	41.2	41.2	40.2	39.7	37.8	35.9	34.9	34.9	34.9
70°	40.2	38.8	38.3	37.3	37.3	36.8	35.4	33.9	33.0	33.4	33.0
72.5°	36.3	35.4	34.4	34.4	33.9	33.4	32.0	31.0	30.5	31.0	31.0
75°	32.5	31.0	31.0	30.0	30.0	29.6	28.1	27.6	27.1	27.6	28.1
77.5°	27.6	26.7	26.2	26.2	26.2	26.2	24.2	23.7	23.7	24.7	24.7
80°	22.8	22.3	21.8	21.8	21.8	21.3	20.4	19.9	19.9	20.4	20.8
82.5°	17.4	16.5	16.5	17.0	17.4	17.4	16.0	15.0	15.0	16.0	17.0
85°	11.6	11.6	11.6	12.1	12.1	12.6	11.6	10.2	10.7	11.1	12.6
87.5°	6.3	6.8	6.3	5.8	6.8	6.3	6.3	5.8	6.3	6.8	7.3
90°	1.9	1.9	1.5	1.0	0.5	1.0	1.0	1.5	0.5	0.5	1.0
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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CATALOG NUMBER: IST-AF-600-LED-E1-SLR-8030

**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: P227368

CATALOG NUMBER: IST-AF-600-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3
2.5°	825.3	817.1	812.7	829.7	828.2	813.7	813.7	823.9	824.4	815.6	825.8
5°	680.9	672.7	680.4	673.6	677.5	677.0	682.8	672.2	676.5	672.7	663.5
7.5°	505.0	521.5	530.2	519.0	533.1	540.4	530.2	540.4	524.4	511.3	523.9
10°	347.5	365.9	362.5	380.4	387.2	391.1	398.4	389.2	378.0	374.6	365.4
12.5°	269.5	265.6	264.1	271.4	275.8	269.5	274.8	269.0	263.2	253.0	252.5
15°	210.8	204.5	200.2	191.9	189.0	190.5	192.9	192.9	181.3	181.7	186.1
17.5°	159.9	158.5	155.1	148.3	143.9	145.4	144.9	142.5	141.0	142.0	147.3
20°	120.2	118.7	120.7	122.6	121.2	121.6	119.7	117.3	116.3	117.3	118.2
22.5°	95.0	96.9	99.3	102.3	102.7	105.2	104.7	105.2	103.2	102.3	99.8
25°	86.7	87.7	86.3	86.7	86.7	89.2	88.7	88.7	86.7	86.3	86.7
27.5°	76.6	76.1	76.1	77.1	77.1	78.5	79.5	78.5	76.6	76.1	76.6
30°	70.8	70.3	69.8	70.3	69.8	70.3	71.2	71.2	70.3	68.8	69.3
32.5°	64.9	64.9	64.5	64.9	64.5	64.5	65.4	64.0	64.0	63.5	63.5
35°	57.2	58.2	59.1	59.6	59.6	59.6	60.6	59.1	58.6	58.2	58.2
37.5°	49.4	50.4	53.3	54.8	55.2	56.2	56.7	55.7	54.8	53.8	52.8
40°	47.0	47.0	48.0	49.9	51.9	52.3	53.3	51.9	51.4	49.9	48.5
42.5°	45.1	45.6	45.6	46.0	46.5	47.5	48.9	47.5	46.5	45.6	44.1
45°	43.6	43.6	43.6	43.6	43.1	43.1	43.6	42.6	42.2	41.7	41.7
47.5°	42.6	42.2	41.7	41.2	40.7	40.2	40.2	39.3	39.3	39.3	39.3
50°	41.7	40.7	40.2	39.7	38.8	38.8	38.8	37.8	37.3	37.3	37.8
52.5°	40.2	39.7	39.3	38.8	38.3	37.8	37.8	36.8	36.3	36.3	36.3
55°	39.7	39.3	38.3	37.8	37.3	37.8	37.3	36.8	35.9	35.9	35.9
57.5°	38.3	38.8	38.3	37.3	37.3	37.3	37.3	36.3	35.9	34.9	35.4
59°	37.8	38.3	37.8	37.3	36.8	37.3	37.3	35.9	35.4	34.9	34.9
60°	37.3	37.8	37.3	36.8	36.8	37.3	36.8	36.3	35.4	33.9	34.4
62.5°	36.8	36.8	36.3	36.3	35.9	36.3	35.9	34.9	33.9	33.0	32.5
65°	35.9	35.9	35.4	35.4	34.9	34.9	34.9	33.9	33.0	32.0	32.0
67.5°	35.4	34.9	34.4	34.4	33.9	33.9	33.9	33.0	31.5	31.0	30.5
70°	33.4	33.0	33.0	32.5	32.0	32.5	33.0	31.5	30.0	29.1	28.6
72.5°	31.5	31.0	31.0	30.5	30.5	31.0	31.5	30.0	28.1	27.1	26.7
75°	28.6	28.1	28.1	28.1	28.1	29.1	29.1	27.6	26.2	24.7	23.7
77.5°	24.7	25.2	25.2	25.2	25.2	26.2	26.2	25.2	23.7	22.8	21.3
80°	21.3	21.3	21.8	21.8	22.3	22.3	21.8	21.3	20.8	19.9	17.9
82.5°	17.9	17.9	17.9	17.9	17.9	17.4	16.5	17.4	17.4	16.5	15.0
85°	14.1	14.1	14.1	14.5	14.5	13.1	11.6	11.6	13.1	12.6	11.6
87.5°	8.2	8.2	8.7	10.2	9.2	8.7	7.3	7.8	7.3	8.2	6.8
90°	1.9	1.5	1.5	0.5	1.0	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: P227368  
 CATALOG NUMBER: IST-AF-600-LED-E1-SLR-8030

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: P227368  
 NUMBER: IST-AF-600-LED-E1-SLR-8030

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°
951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	110°	0.0
826.8	828.7	833.1	831.6	847.6	842.8	853.9	868.9	883.0	876.2	878.1	112.5°	0.0
679.9	682.4	663.9	675.1	691.6	684.8	682.4	704.7	699.3	724.5	703.7	115°	0.0
503.5	497.7	489.0	484.6	472.5	472.5	495.3	505.5	504.0	521.5	539.4	117.5°	0.0
353.8	347.0	336.3	333.4	345.5	351.4	361.5	371.7	385.3	405.1	416.8	120°	0.0
259.8	257.3	259.8	267.0	278.2	286.4	301.9	319.9	334.9	350.9	366.4	122.5°	0.0
196.3	201.1	207.4	212.3	221.0	236.5	244.7	264.6	278.2	292.2	310.2	125°	0.0
152.7	155.6	157.0	159.0	166.2	177.4	177.4	197.7	215.7	234.1	249.1	127.5°	0.0
116.3	116.3	111.5	114.4	115.3	114.4	120.2	131.8	143.5	155.6	179.3	130°	0.0
97.4	94.5	93.0	92.6	93.0	95.0	98.4	102.7	104.7	110.0	119.2	132.5°	0.0
86.3	85.8	84.3	84.3	85.3	85.8	89.2	93.0	94.0	95.5	98.9	135°	0.0
76.1	77.1	78.5	78.0	78.5	79.5	81.9	85.3	87.2	87.7	90.1	137.5°	0.0
68.8	69.8	70.3	71.7	71.7	72.2	74.1	77.5	79.0	81.4	83.8	140°	0.0
64.0	64.5	64.9	64.5	64.9	64.9	67.4	70.8	72.7	74.1	75.6	142.5°	0.0
58.6	58.2	58.2	58.2	56.7	56.2	57.2	60.6	61.1	62.5	65.9	145°	0.0
52.3	50.9	49.9	49.9	49.9	50.4	52.8	56.2	56.7	58.2	61.1	147.5°	0.0
46.5	46.0	46.0	46.5	47.0	48.0	49.9	53.3	53.8	55.2	57.7	150°	0.0
43.6	43.6	43.6	44.1	44.6	45.1	47.5	50.9	51.9	53.3	56.2	152.5°	0.0
41.7	42.2	41.7	41.7	42.2	43.1	45.6	49.4	50.9	52.3	55.2	155°	0.0
40.2	40.2	40.2	40.7	40.7	41.7	44.6	48.5	49.4	51.4	55.7	157.5°	0.0
38.3	39.3	38.8	39.3	39.7	40.7	43.6	47.5	48.9	51.9	56.7	160°	0.0
37.3	37.3	37.3	37.8	38.8	39.3	41.7	46.0	48.0	51.9	59.6	162.5°	0.0
36.8	35.9	35.9	36.3	37.3	38.3	40.7	45.1	47.5	51.4	59.1	165°	0.0
36.3	34.9	34.4	34.9	35.9	36.3	39.3	43.6	47.0	49.9	57.2	167.5°	0.0
34.9	33.9	33.4	33.9	34.9	35.9	38.3	42.6	45.1	48.9	54.8	170°	0.0
34.4	33.0	33.0	33.4	34.4	34.9	37.3	41.7	44.1	49.4	56.2	172.5°	0.0
32.5	32.0	32.0	32.5	32.5	33.4	36.3	40.7	42.6	50.4	47.0	175°	0.0
31.0	31.0	31.0	31.0	31.5	32.0	35.4	39.7	40.7	43.6	40.2	177.5°	0.0
30.0	30.0	30.0	30.0	30.0	31.0	33.9	38.3	38.8	38.3	36.8	180°	0.0
28.1	28.1	28.1	28.1	28.6	29.1	32.0	35.9	35.9	34.9	34.9		
26.7	26.2	26.2	26.2	26.2	26.7	29.6	33.4	33.0	32.5	32.5		
23.7	23.7	23.7	23.7	23.7	23.7	26.7	30.5	30.0	29.6	29.1		
20.8	20.8	21.3	20.8	20.4	19.9	22.8	27.1	27.1	26.7	26.2		
17.9	17.4	17.9	17.4	16.5	16.5	18.9	22.8	23.3	22.8	21.8		
14.5	14.1	14.1	14.1	12.1	12.1	14.5	18.4	18.4	17.9	17.0		
11.1	10.7	10.2	9.7	8.2	8.2	10.2	13.6	14.1	12.1	11.6		
5.8	5.8	5.8	4.4	3.9	3.4	5.3	8.2	8.2	6.8	5.8		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

'227368  
 IST-AF-600-LED-E1-SLR-8030

REPORT NUMBER: P227368  
 CATALOG NUMBER: IST-AF-60

**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°	951.3	951.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	890.3	894.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	719.2	736.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	543.8	566.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	435.7	451.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	382.4	404.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	328.1	352.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	269.0	298.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	205.5	234.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	144.4	169.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	105.2	116.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	93.5	97.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	87.7	90.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	79.0	81.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	69.3	73.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	64.5	67.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	61.5	62.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	59.1	59.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	57.7	59.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	58.6	64.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	65.9	64.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	67.4	60.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	61.5	57.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	55.2	50.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	49.4	46.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	46.0	45.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	42.2	43.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	39.3	41.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	37.8	39.3
										70°	35.4	36.3
										72.5°	33.0	33.4
										75°	29.6	30.0
										77.5°	26.2	26.2
										80°	21.3	21.3
										82.5°	16.5	16.0
										85°	10.7	10.2
										87.5°	4.8	3.9
										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: P227368

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

0-LED-E1-SLR-8030

**tinued):**

**CANDELA DISTRIBUTION (continued):**

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	951.3	110°	0.0	0.0	0.0
916.4	930.0	940.7	938.7	961.5	975.1	977.0	991.1	1004.6	112.5°	0.0	0.0	0.0
749.7	768.6	787.0	800.6	836.5	866.0	888.8	913.0	941.6	115°	0.0	0.0	0.0
597.5	613.5	643.6	665.4	703.2	737.6	771.0	809.3	841.8	117.5°	0.0	0.0	0.0
468.2	488.5	516.6	557.3	591.2	630.5	672.7	709.0	763.3	120°	0.0	0.0	0.0
420.7	433.3	456.5	475.9	518.1	559.7	607.2	657.2	707.1	122.5°	0.0	0.0	0.0
371.7	394.0	415.8	443.9	480.8	526.3	577.7	631.5	687.7	125°	0.0	0.0	0.0
324.2	353.8	377.5	408.1	449.3	506.9	573.8	640.7	706.6	127.5°	0.0	0.0	0.0
266.1	293.7	335.4	366.4	420.2	492.4	578.2	670.7	759.9	130°	0.0	0.0	0.0
209.4	238.9	286.4	332.5	391.6	484.6	595.6	720.2	839.4	132.5°	0.0	0.0	0.0
149.8	190.0	237.0	295.1	366.9	479.8	619.4	781.2	941.6	135°	0.0	0.0	0.0
111.9	140.1	197.2	260.7	339.2	471.1	644.6	837.9	1011.4	137.5°	0.0	0.0	0.0
99.8	119.7	157.0	223.9	305.3	454.1	663.5	891.7	1074.9	140°	0.0	0.0	0.0
87.2	102.7	132.3	189.0	274.8	427.9	671.7	920.3	1119.0	142.5°	0.0	0.0	0.0
76.6	91.1	121.2	175.4	259.3	398.4	670.2	948.9	1174.3	145°	0.0	0.0	0.0
69.8	82.4	116.3	172.0	247.2	371.2	671.7	994.9	1256.2	147.5°	0.0	0.0	0.0
64.5	79.0	112.4	164.8	241.3	356.2	677.5	1035.7	1326.4	150°	0.0	0.0	0.0
64.5	78.0	102.7	154.6	238.4	357.7	679.9	1067.2	1378.8	152.5°	0.0	0.0	0.0
67.8	73.2	95.5	148.8	240.4	368.3	677.0	1099.1	1429.7	155°	0.0	0.0	0.0
64.5	68.3	90.6	147.8	240.4	376.1	685.7	1138.9	1496.5	157.5°	0.0	0.0	0.0
61.1	63.5	89.2	146.4	235.5	383.3	721.6	1213.0	1583.8	160°	0.0	0.0	0.0
56.7	59.6	87.2	143.9	230.2	392.5	785.1	1337.6	1728.2	162.5°	0.0	0.0	0.0
51.4	57.2	84.3	140.1	226.8	409.0	850.0	1463.6	1900.2	165°	0.0	0.0	0.0
49.4	54.8	77.5	130.8	223.4	427.0	919.3	1584.3	2054.8	167.5°	0.0	0.0	0.0
48.0	52.8	71.7	124.1	220.5	435.7	940.2	1630.3	2114.4	170°	0.0	0.0	0.0
47.0	51.9	68.3	118.2	217.1	436.2	955.2	1647.7	2123.2	172.5°	0.0	0.0	0.0
45.6	49.9	61.5	106.1	206.5	435.7	956.7	1658.9	2098.0	175°	0.0	0.0	0.0
43.1	48.0	62.0	99.8	187.1	415.3	896.6	1605.1	1997.6	177.5°	0.0	0.0	0.0
41.2	46.5	65.4	101.3	166.7	363.0	784.1	1437.9	1782.9	180°	0.0	0.0	0.0
38.3	45.6	68.3	104.7	160.9	301.4	593.2	1174.3	1493.1				
35.4	45.1	70.8	107.1	154.6	248.1	411.0	832.6	1117.6				
32.0	41.2	64.5	91.1	127.9	180.3	264.6	544.7	770.6				
27.6	33.0	47.0	64.0	94.0	126.0	156.5	329.1	504.0				
22.8	24.7	33.4	41.2	62.5	74.6	86.7	185.6	352.3				
17.0	17.4	22.8	26.2	35.4	41.2	51.9	113.9	285.4				
9.7	11.1	15.5	17.4	21.3	26.2	33.9	72.7	223.9				
3.9	4.8	9.2	10.2	11.6	14.5	18.9	42.2	69.8				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	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: P227368

CATALOG NUMBER: IST-AF-600-LED-E1-SLR-8030

SLR-8030

**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°	951.3	951.3	951.3	951.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1018.2	1028.4	1037.1	1043.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	972.2	995.9	1024.5	1048.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	890.3	920.3	966.8	995.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	812.7	856.8	907.7	948.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	759.9	814.7	863.1	909.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	745.4	801.1	844.7	886.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	774.4	830.2	867.5	893.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	842.8	902.4	926.1	924.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	936.3	998.8	998.8	979.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	1059.9	1105.0	1080.2	1043.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	1147.6	1189.8	1146.6	1086.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	1220.3	1251.3	1196.5	1123.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	1284.3	1307.0	1234.8	1162.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	1360.8	1369.1	1274.6	1197.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	1445.6	1452.4	1331.8	1235.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	1545.5	1521.2	1373.9	1271.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	1607.0	1567.3	1404.5	1289.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	1655.5	1601.2	1418.5	1300.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	1715.1	1651.1	1443.2	1319.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	1793.6	1720.4	1505.7	1374.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	1954.5	1863.9	1618.2	1469.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	2139.6	2053.9	1798.0	1627.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	2287.9	2230.3	1958.4	1769.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	2342.7	2318.0	2071.8	1890.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	2363.0	2384.4	2131.9	1964.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	2377.1	2469.7	2327.2	2184.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	2348.0	2483.7	2406.2	2318.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	2221.5	2383.9	2368.9	2291.8
								70°	1962.7	2143.5	2195.9	2086.3
								72.5°	1476.7	1701.0	1986.5	1814.9
								75°	962.0	1169.4	1696.2	1554.7
								77.5°	602.4	729.9	1210.1	1089.0
								80°	400.8	469.1	768.1	699.3
								82.5°	301.4	332.5	528.2	496.7
								85°	159.0	202.6	411.0	521.0
								87.5°	59.6	66.4	309.2	465.7
								90°	0.0	0.0	0.5	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: P227368

CATALOG NUMBER: IST-AF-600-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
951.3	951.3	951.3	951.3	951.3	951.3	951.3	110°	0.0	0.0	0.0	0.0	0.0
1049.7	1058.4	1063.8	1059.9	1066.2	1067.6	1060.9	112.5°	0.0	0.0	0.0	0.0	0.0
1069.1	1093.3	1110.8	1122.9	1127.7	1132.1	1130.2	115°	0.0	0.0	0.0	0.0	0.0
1033.2	1070.5	1103.0	1125.3	1133.1	1138.9	1133.5	117.5°	0.0	0.0	0.0	0.0	0.0
993.5	1032.3	1062.8	1085.1	1084.6	1090.4	1080.2	120°	0.0	0.0	0.0	0.0	0.0
956.2	994.0	1021.1	1020.1	1013.4	996.4	993.5	122.5°	0.0	0.0	0.0	0.0	0.0
926.6	946.5	953.3	951.8	932.4	922.7	921.3	125°	0.0	0.0	0.0	0.0	0.0
912.1	911.1	895.6	878.6	860.2	859.2	846.6	127.5°	0.0	0.0	0.0	0.0	0.0
914.5	883.0	854.4	825.3	805.5	801.1	802.5	130°	0.0	0.0	0.0	0.0	0.0
945.0	889.3	835.5	805.9	782.7	775.9	778.8	132.5°	0.0	0.0	0.0	0.0	0.0
983.3	908.7	841.8	796.7	777.8	769.6	771.0	135°	0.0	0.0	0.0	0.0	0.0
1009.0	931.0	862.6	806.9	781.2	773.5	778.3	137.5°	0.0	0.0	0.0	0.0	0.0
1042.0	961.5	890.7	833.1	794.8	784.6	788.0	140°	0.0	0.0	0.0	0.0	0.0
1074.4	994.5	930.5	865.1	818.5	799.6	805.0	142.5°	0.0	0.0	0.0	0.0	0.0
1109.3	1032.7	968.3	908.7	853.9	824.4	831.1	145°	0.0	0.0	0.0	0.0	0.0
1150.0	1077.3	1022.1	967.3	911.1	886.4	889.3	147.5°	0.0	0.0	0.0	0.0	0.0
1189.3	1120.9	1085.6	1044.9	1011.9	974.1	974.1	150°	0.0	0.0	0.0	0.0	0.0
1212.5	1177.6	1168.0	1156.3	1136.9	1109.8	1104.0	152.5°	0.0	0.0	0.0	0.0	0.0
1241.1	1245.0	1267.3	1290.6	1296.4	1269.7	1261.5	155°	0.0	0.0	0.0	0.0	0.0
1294.9	1335.6	1408.8	1472.3	1484.9	1506.7	1481.5	157.5°	0.0	0.0	0.0	0.0	0.0
1370.5	1445.6	1569.2	1672.9	1702.5	1704.4	1706.4	160°	0.0	0.0	0.0	0.0	0.0
1456.8	1564.4	1727.7	1851.3	1904.1	1918.2	1908.0	162.5°	0.0	0.0	0.0	0.0	0.0
1604.6	1702.0	1880.8	2014.1	2082.0	2114.9	2106.2	165°	0.0	0.0	0.0	0.0	0.0
1751.0	1872.1	2029.6	2161.0	2233.2	2270.0	2277.8	167.5°	0.0	0.0	0.0	0.0	0.0
1850.8	1964.2	2109.6	2230.7	2302.0	2346.1	2350.0	170°	0.0	0.0	0.0	0.0	0.0
1911.9	2015.6	2157.6	2264.2	2335.4	2372.7	2386.3	172.5°	0.0	0.0	0.0	0.0	0.0
2097.0	2115.9	2212.8	2283.1	2333.0	2350.0	2360.1	175°	0.0	0.0	0.0	0.0	0.0
2183.7	2104.7	2093.6	2137.2	2141.6	2130.4	2116.4	177.5°	0.0	0.0	0.0	0.0	0.0
2063.1	1878.4	1810.1	1804.3	1786.3	1779.1	1734.5	180°	0.0	0.0	0.0	0.0	0.0
1791.7	1525.6	1404.9	1339.5	1379.3	1377.8	1332.2						
1509.6	1238.7	1082.2	988.2	976.5	974.6	934.8						
1226.1	972.2	835.0	789.5	734.7	718.2	725.0						
884.0	694.0	664.9	699.8	704.2	691.6	682.8						
556.8	521.9	550.1	613.5	650.9	634.4	640.7						
464.3	411.0	412.9	479.8	505.0	508.9	495.8						
515.2	411.4	337.3	329.1	320.3	201.6	280.6						
464.3	318.4	187.6	154.6	95.0	54.8	56.7						
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						



REPORT NUMBER: P227368

CATALOG NUMBER: IST-AF-600-LED-E1-SLR-8030

**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°	951.3	951.3	951.3	951.3	951.3	951.3
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	1059.4	1050.2	1040.0	1026.4	1028.9	1012.4
0.0	0.0	0.0	0.0	0.0	0.0	5°	1115.1	1099.1	1077.3	1049.7	1024.0	991.1
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	1109.3	1083.6	1047.3	1005.6	971.7	924.2
0.0	0.0	0.0	0.0	0.0	0.0	10°	1059.4	1026.0	996.4	953.3	909.2	867.5
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	989.6	970.7	945.0	912.6	869.9	827.3
0.0	0.0	0.0	0.0	0.0	0.0	15°	913.5	915.0	899.5	890.7	869.4	835.5
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	851.0	865.5	873.8	887.4	889.8	873.3
0.0	0.0	0.0	0.0	0.0	0.0	20°	809.3	829.7	855.4	892.7	931.9	948.9
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	786.1	811.3	852.5	920.3	992.0	1035.2
0.0	0.0	0.0	0.0	0.0	0.0	25°	781.7	815.1	872.8	955.7	1048.7	1109.3
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	789.0	832.6	900.9	995.4	1087.0	1174.7
0.0	0.0	0.0	0.0	0.0	0.0	30°	812.2	863.1	937.8	1039.5	1134.5	1221.7
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	834.5	897.5	979.9	1079.3	1174.7	1261.5
0.0	0.0	0.0	0.0	0.0	0.0	35°	870.4	933.9	1018.2	1109.8	1202.4	1300.7
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	925.2	980.9	1048.3	1133.5	1230.0	1331.8
0.0	0.0	0.0	0.0	0.0	0.0	40°	1003.2	1040.0	1083.6	1151.0	1243.6	1352.6
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	1120.0	1127.7	1142.8	1177.6	1255.7	1376.8
0.0	0.0	0.0	0.0	0.0	0.0	45°	1270.7	1247.4	1234.3	1229.5	1282.8	1392.3
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	1445.6	1400.1	1347.8	1322.6	1335.2	1417.1
0.0	0.0	0.0	0.0	0.0	0.0	50°	1673.4	1599.3	1496.5	1423.8	1417.5	1489.7
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	1882.3	1785.4	1656.0	1570.2	1535.3	1625.4
0.0	0.0	0.0	0.0	0.0	0.0	55°	2079.5	2004.9	1858.6	1751.9	1739.8	1805.2
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	2252.6	2188.1	2068.4	1929.3	1934.2	1997.6
0.0	0.0	0.0	0.0	0.0	0.0	59°	2342.2	2288.4	2177.4	2035.9	2046.6	2133.8
0.0	0.0	0.0	0.0	0.0	0.0	60°	2374.2	2329.1	2223.5	2104.3	2117.8	2208.5
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	2371.8	2342.7	2266.1	2209.9	2279.2	2345.6
0.0	0.0	0.0	0.0	0.0	0.0	65°	2145.5	2101.3	2092.6	2191.0	2324.8	2388.7
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	1706.4	1727.2	1810.1	1979.2	2203.6	2296.7
						70°	1267.3	1304.1	1414.6	1626.9	1935.1	2096.0
						72.5°	931.9	968.8	1070.5	1303.2	1592.0	1734.5
						75°	731.3	742.5	815.6	998.3	1254.7	1371.5
						77.5°	675.6	642.1	612.1	710.0	846.2	946.5
						80°	629.0	565.6	494.8	524.4	557.3	663.9
						82.5°	488.5	446.3	391.1	428.9	444.4	447.8
						85°	285.9	254.4	322.3	456.5	451.7	395.5
						87.5°	100.8	130.8	147.3	253.0	305.8	264.6
						90°	0.0	1.5	4.4	4.8	7.3	2.4
						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: P227368

CATALOG NUMBER: IST-AF-600-LED-E1-SLR-8030

**CANDELA DISTRIBUTION (continued):**

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
951.3	951.3	951.3	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
999.3	985.7	984.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
964.9	934.4	924.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
883.0	847.6	840.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
814.2	774.9	768.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
778.8	741.5	733.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
792.4	751.2	746.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
843.3	799.6	801.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
930.5	902.4	895.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1044.9	1014.3	1005.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142.3	1126.8	1120.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1212.5	1219.8	1214.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1268.8	1293.0	1290.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1326.4	1373.4	1375.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1369.1	1451.9	1468.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1423.8	1534.8	1552.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1465.5	1595.9	1617.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1506.2	1646.3	1669.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1539.7	1696.2	1719.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1577.5	1744.7	1767.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1645.3	1820.7	1848.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1791.2	1961.8	2001.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002.0	2156.6	2187.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2192.0	2288.9	2297.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2270.0	2325.2	2322.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2327.2	2334.0	2320.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2358.2	2293.7	2270.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2277.3	2187.6	2157.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2043.7	1996.2	1961.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1738.4	1618.2	1595.4								
1317.7	1159.2	1125.3								
920.8	730.8	684.8								
605.3	469.1	451.7								
392.5	311.6	306.3								
273.8	204.5	188.5								
168.2	68.3	65.4								
52.3	31.5	28.1								
1.5	1.9	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								

