

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: P227373

Luminaire Tested: **IST-AF-350-LED-E1-SLR-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P227373
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35948)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: IST-AF-350-LED-E1-SLR-7030
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT
Light Source: (16) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1907.1 lumens
Efficiency: N/A
Efficacy: 94.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B0 - U1 - G1

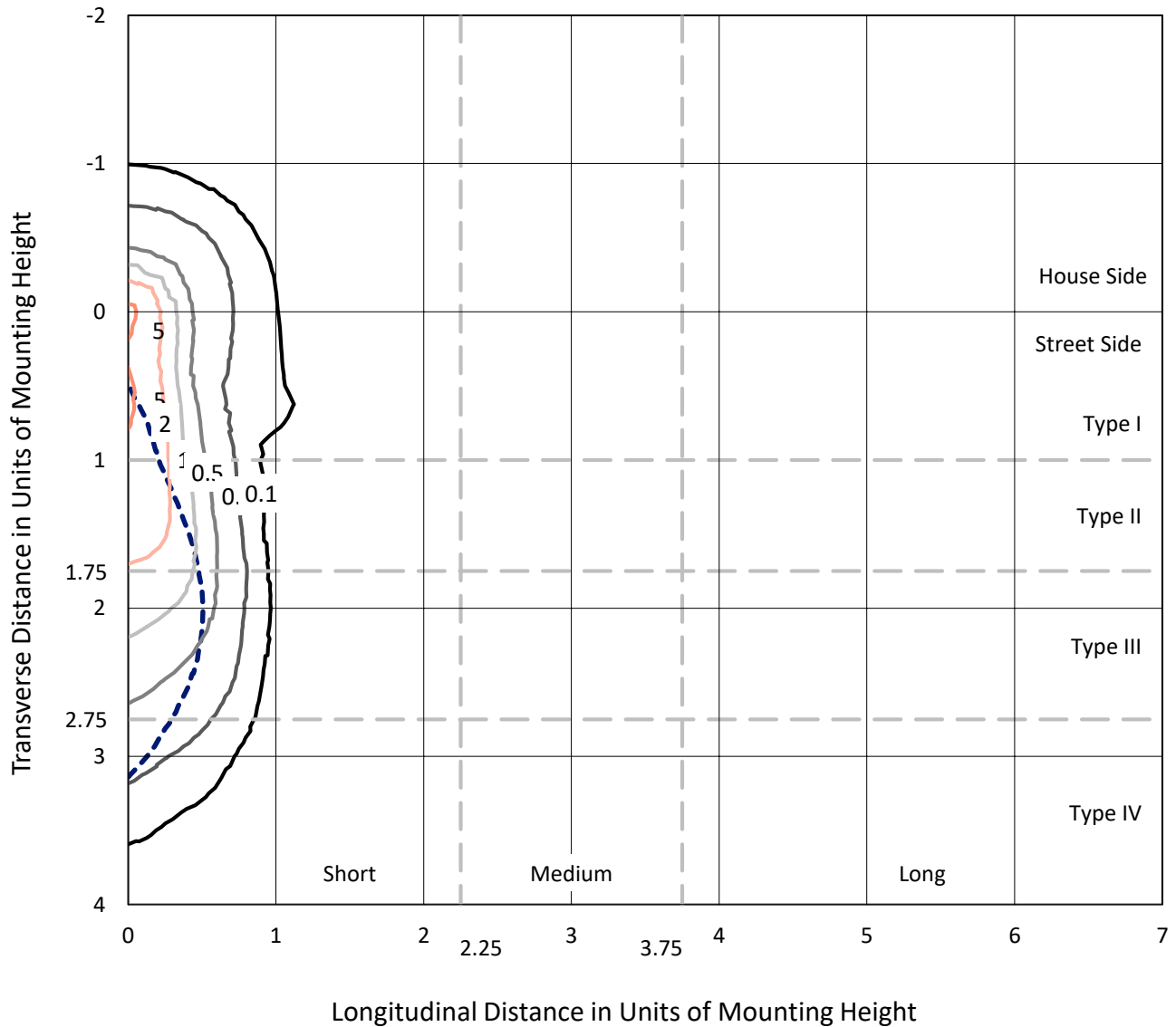
Input Watts (W): 20.09
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

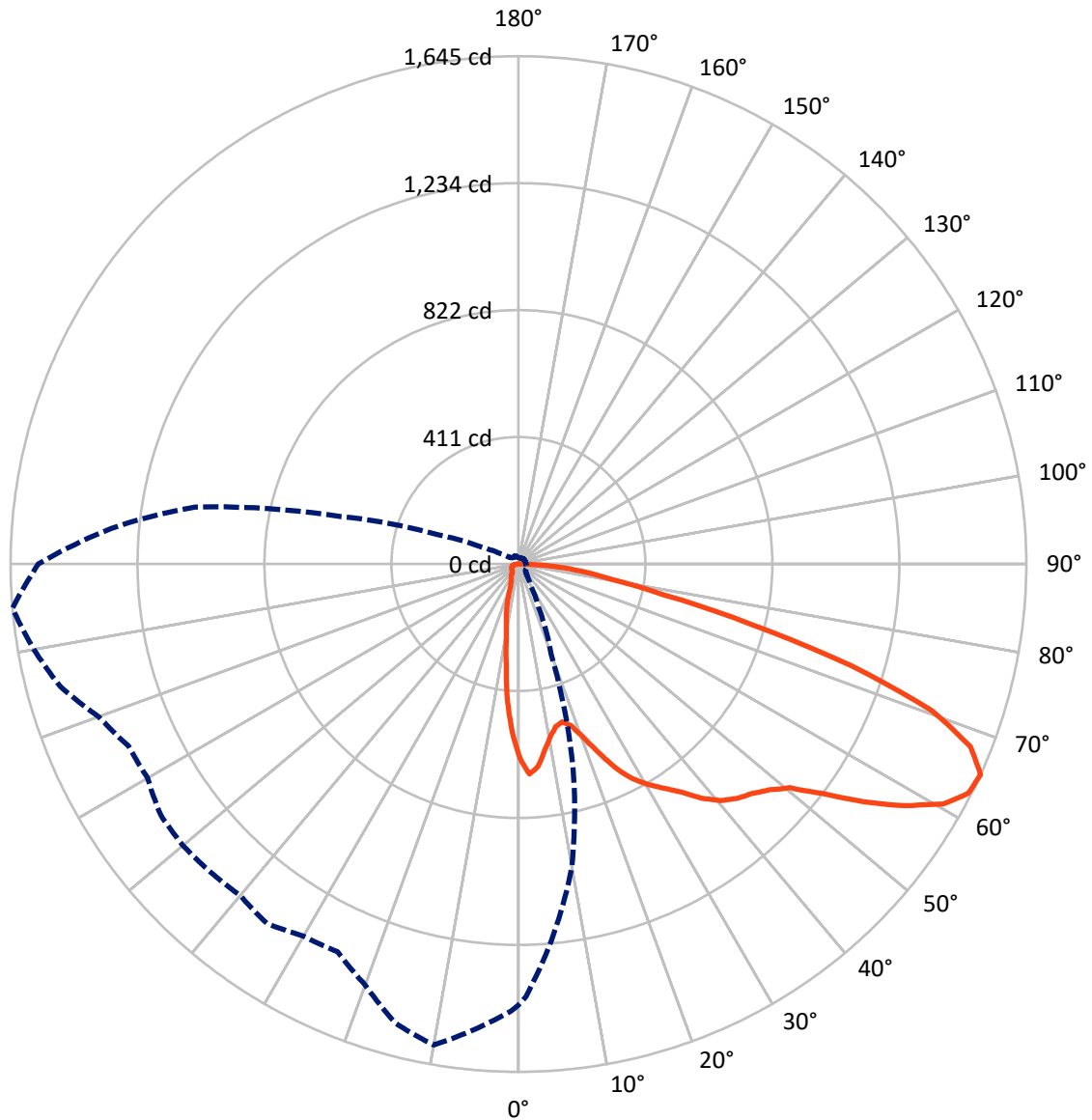
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.3 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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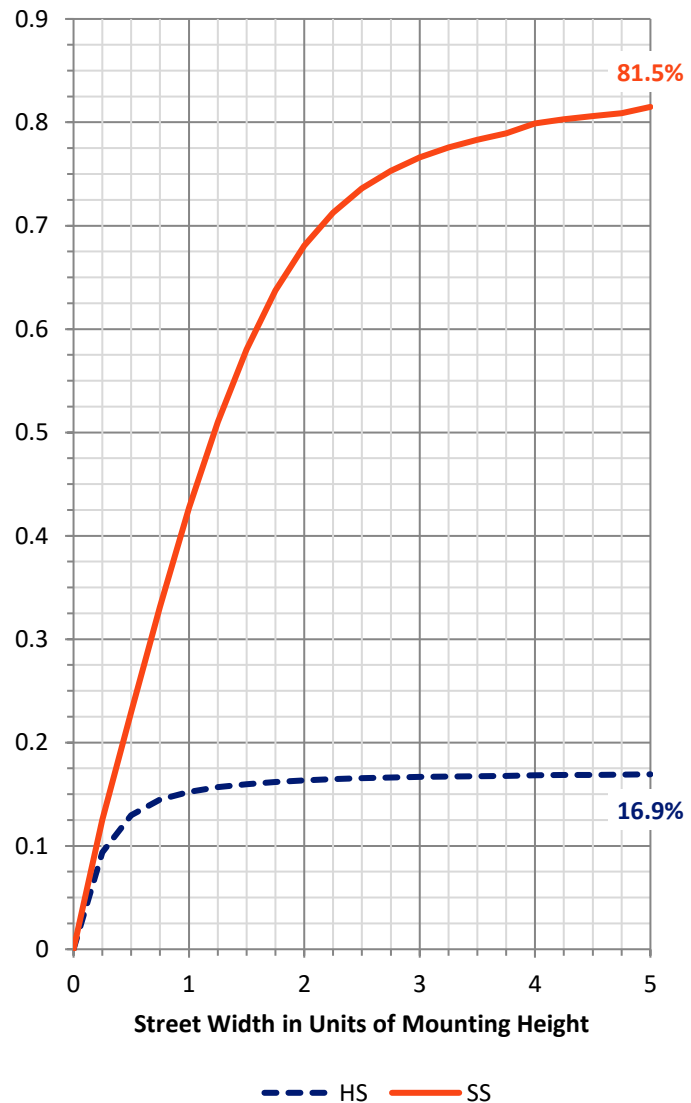
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	327.1	0.0	327.1
	% Fixture	17.2	0.0	17.2
Street Side	Lumens	1579.9	0.1	1580.0
	% Fixture	82.8	0.0	82.8
Total	Lumens	1907.0	0.1	1907.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.7	2.4
10°-20°	89.8	4.7
20°-30°	128.1	6.7
30°-40°	185.8	9.7
40°-50°	265.8	13.9
50°-60°	408.1	21.4
60°-70°	472.3	24.8
70°-80°	241.0	12.6
80°-90°	69.5	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°	1907.0	100.0
0°-180°	1907.1	100.0



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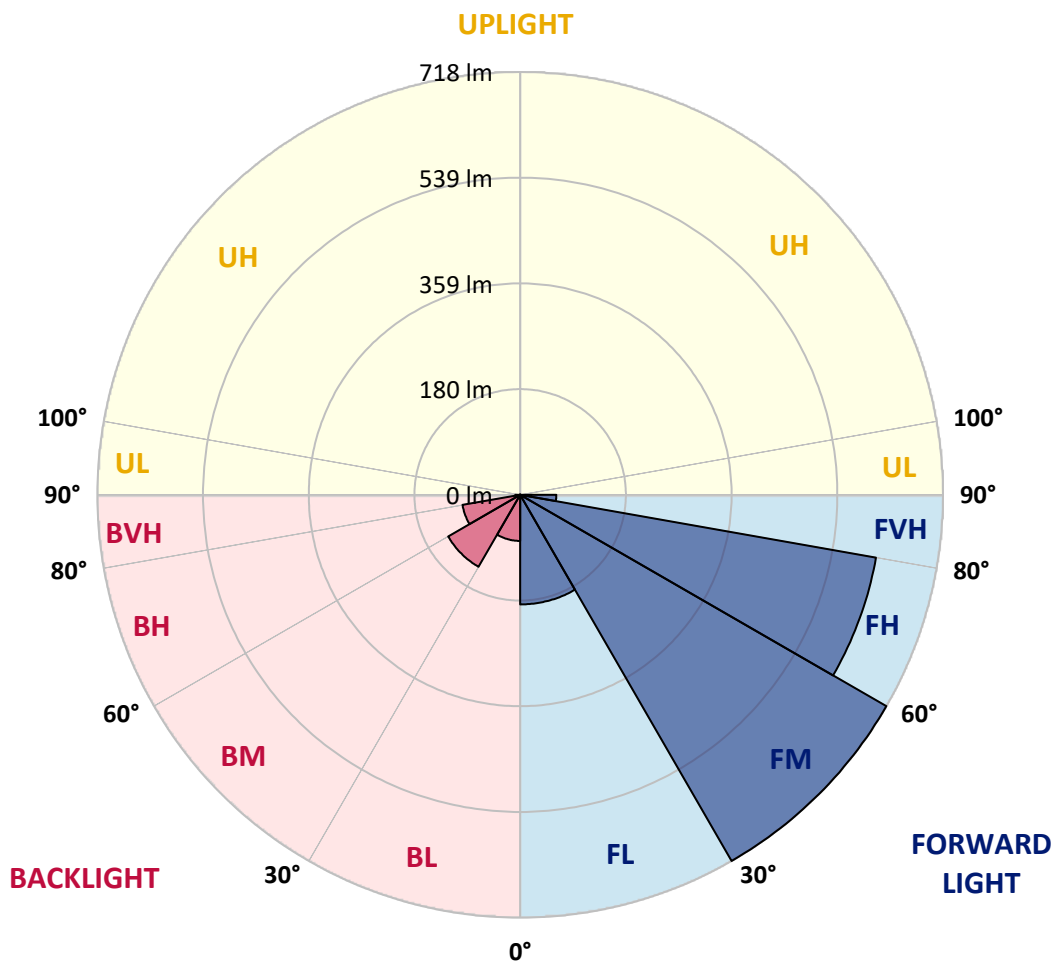
CATALOG NUMBER: IST-AF-350-LED-E1-SLR-7030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	186.3	9.8			
FM (30°-60°)	718.4	37.7			
FH (60°-80°)	613.8	32.2			G0/660
FVH (80°-90°)	61.5	3.2			G1/100
BL (0°-30°)	78.3	4.1	B0/110		
BM (30°-60°)	141.3	7.4	B0/220		
BH (60°-80°)	99.5	5.2	B0/110		G0/110
BVH (80°-90°)	8.1	0.4			G0/10
UL (90°-100°)	0.1	0.0		U1/10	
UH (100°-180°)	0.0	0.0		U1/10	

BUG Rating: B0-U1-G1

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0
2.5°	652.2	648.3	643.5	635.2	627.8	617.2	614.6	601.5	593.1	595.1	580.0
5°	612.4	610.1	598.3	579.6	567.5	543.4	529.6	522.5	502.6	500.1	494.6
7.5°	556.5	549.8	530.5	507.4	486.6	468.9	446.8	429.8	414.7	405.4	389.0
10°	508.7	501.7	480.8	452.5	427.5	402.8	384.8	362.7	341.2	324.5	311.3
12.5°	485.6	477.9	453.5	420.8	392.9	362.0	336.7	314.9	303.0	294.6	283.7
15°	494.6	483.4	454.2	415.0	380.3	347.6	320.6	297.2	283.1	270.2	257.4
17.5°	530.9	517.1	483.7	436.5	388.4	346.0	307.5	280.8	258.4	239.1	221.8
20°	593.1	582.9	534.4	468.3	405.7	347.0	296.2	261.3	234.0	209.6	186.5
22.5°	666.0	650.6	603.1	511.3	427.8	352.7	289.2	244.9	212.5	179.7	154.7
25°	742.4	730.5	667.6	569.1	461.9	364.6	283.7	230.4	187.1	150.8	123.2
27.5°	804.0	793.4	731.1	624.6	493.0	374.9	275.7	216.6	166.9	123.2	92.8
30°	854.4	845.4	780.2	670.2	530.9	378.4	264.5	200.6	144.4	99.5	76.7
32.5°	910.9	900.9	827.4	701.9	547.9	375.2	251.6	185.5	126.5	87.9	65.8
35°	972.8	961.3	880.1	736.3	562.0	364.0	240.7	174.6	117.8	79.9	58.4
37.5°	1028.0	1020.6	927.6	770.3	578.0	345.3	230.1	162.7	112.0	74.1	52.6
40°	1071.0	1069.1	980.2	798.5	590.6	331.9	221.5	153.4	104.6	71.9	50.7
42.5°	1105.7	1105.1	1023.2	823.9	593.8	320.0	214.7	145.1	97.9	66.4	51.7
45°	1139.1	1138.8	1064.9	859.2	596.0	320.6	209.6	139.9	92.1	62.9	48.8
47.5°	1170.9	1175.7	1108.6	908.3	619.8	331.5	207.7	135.1	87.6	59.1	46.2
50°	1224.1	1219.3	1177.6	974.7	658.0	352.7	204.4	131.0	83.4	55.5	43.7
52.5°	1325.2	1319.8	1282.5	1063.7	699.7	374.6	200.3	125.2	78.6	51.7	40.8
55°	1448.8	1456.2	1404.5	1171.8	756.5	392.9	195.8	117.5	72.2	47.2	38.8
57.5°	1521.3	1515.2	1456.2	1234.1	791.5	402.2	192.9	108.5	62.3	43.3	36.9
59°	1538.3	1528.1	1447.5	1244.7	800.8	397.7	191.3	99.8	57.1	41.4	35.9
60°	1536.7	1524.2	1433.7	1237.9	803.4	392.2	188.7	94.7	54.2	40.4	35.6
62.5°	1503.7	1484.1	1355.4	1156.4	767.4	364.9	178.1	82.5	50.4	39.2	33.7
65°	1428.6	1401.0	1223.8	997.2	684.9	310.7	154.1	78.0	51.4	38.5	32.4
67.5°	1298.9	1276.8	1054.7	825.2	545.9	251.0	133.2	76.1	52.6	39.2	30.5
70°	1056.6	1037.7	822.9	617.8	408.9	199.6	121.0	75.1	51.7	37.6	28.9
72.5°	745.3	712.5	546.9	432.6	259.3	160.5	105.0	70.9	50.4	36.3	26.3
75°	453.5	459.6	347.6	315.2	163.7	110.1	82.5	59.7	44.6	32.4	23.8
77.5°	299.1	298.8	256.4	222.4	83.1	68.4	58.4	45.9	35.0	26.6	20.5
80°	202.8	205.1	186.2	151.8	46.2	41.1	38.2	33.4	25.7	20.2	17.0
82.5°	124.9	125.2	144.1	113.6	30.8	26.0	24.4	22.5	18.3	15.7	13.2
85°	43.3	44.3	50.4	80.2	20.9	17.0	17.0	15.7	13.8	10.6	8.7
87.5°	18.6	18.3	21.8	21.8	10.3	8.7	8.0	8.0	7.7	5.8	4.8
90°	1.3	1.0	1.0	1.3	1.6	2.2	1.9	2.2	2.2	1.9	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



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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°	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0
2.5°	575.5	571.9	562.0	559.4	562.6	556.2	554.6	553.0	541.1	547.2	540.2
5°	481.1	480.2	459.9	464.1	459.9	452.9	450.0	456.7	444.8	447.4	449.0
7.5°	369.7	365.9	352.4	343.4	338.0	333.2	327.1	317.1	324.8	323.2	335.4
10°	300.1	291.7	283.4	270.9	263.8	257.1	250.0	246.2	237.2	236.2	232.1
12.5°	275.1	263.2	252.6	241.7	234.3	220.8	209.6	202.5	196.7	187.8	181.0
15°	241.7	231.7	217.9	207.3	195.8	183.6	172.7	163.7	159.5	151.2	147.3
17.5°	208.0	192.9	176.2	165.6	149.6	137.0	128.1	122.3	116.2	111.1	106.6
20°	167.5	148.0	130.0	116.5	104.0	91.8	87.6	80.6	78.0	76.1	77.7
22.5°	127.4	107.2	88.6	78.3	71.6	68.4	64.8	63.5	62.6	62.3	62.9
25°	93.4	76.4	67.4	63.5	61.0	59.1	57.8	56.8	56.2	55.8	56.2
27.5°	72.2	63.2	58.7	56.2	54.2	53.0	52.3	51.4	51.0	50.7	51.0
30°	62.6	57.8	54.6	52.0	49.7	47.5	46.5	46.2	46.5	46.9	46.5
32.5°	54.6	51.0	47.5	45.3	43.7	42.4	42.4	41.7	41.7	42.7	43.0
35°	49.4	45.9	43.3	40.4	38.5	37.2	36.3	35.6	35.9	35.9	36.9
37.5°	45.3	42.7	40.4	37.9	35.9	34.7	34.0	33.4	33.1	32.7	32.7
40°	42.4	40.8	38.8	36.3	34.3	33.1	32.4	31.8	31.5	31.1	31.1
42.5°	42.4	39.2	37.9	35.6	33.4	32.1	31.1	30.5	29.8	29.8	29.8
45°	46.5	40.1	37.9	35.3	33.1	31.5	30.5	29.5	28.9	28.9	28.6
47.5°	45.3	44.9	38.5	35.3	33.4	31.5	30.2	29.2	28.6	28.2	27.9
50°	43.0	46.9	43.0	36.3	33.4	31.1	29.8	28.9	27.9	27.6	27.6
52.5°	41.7	43.7	44.6	37.6	33.7	31.1	29.5	28.6	27.9	27.3	27.0
55°	38.5	41.1	42.7	36.9	33.7	30.5	28.9	27.9	27.0	26.6	26.3
57.5°	35.3	37.2	41.1	36.9	32.7	30.2	28.2	27.0	26.3	26.0	25.7
59°	34.3	34.3	36.6	37.9	32.1	29.8	27.9	26.6	26.0	25.7	25.0
60°	33.4	33.4	34.7	38.8	31.8	29.5	27.6	26.3	25.4	25.4	25.0
62.5°	32.1	31.1	31.8	36.3	30.8	28.9	27.0	25.7	24.7	24.7	24.4
65°	30.5	29.2	29.2	30.2	28.9	27.6	26.3	25.0	23.8	23.8	24.1
67.5°	28.9	27.6	27.3	27.3	26.6	26.3	25.0	23.8	23.1	23.1	23.1
70°	26.6	25.7	25.4	24.7	24.7	24.4	23.4	22.5	21.8	22.1	21.8
72.5°	24.1	23.4	22.8	22.8	22.5	22.1	21.2	20.5	20.2	20.5	20.5
75°	21.5	20.5	20.5	19.9	19.9	19.6	18.6	18.3	18.0	18.3	18.6
77.5°	18.3	17.7	17.3	17.3	17.3	17.3	16.0	15.7	15.7	16.4	16.4
80°	15.1	14.8	14.4	14.4	14.4	14.1	13.5	13.2	13.2	13.5	13.8
82.5°	11.6	10.9	10.9	11.2	11.6	11.6	10.6	9.9	9.9	10.6	11.2
85°	7.7	7.7	7.7	8.0	8.0	8.3	7.7	6.7	7.1	7.4	8.3
87.5°	4.2	4.5	4.2	3.9	4.5	4.2	4.2	3.9	4.2	4.5	4.8
90°	1.3	1.3	1.0	0.6	0.3	0.6	0.6	1.0	0.3	0.3	0.6
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: P227373

CATALOG NUMBER: IST-AF-350-LED-E1-SLR-7030

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: P227373

CATALOG NUMBER: IST-AF-350-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

	105°	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
0°	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0
2.5°	546.6	541.1	538.2	549.5	548.5	538.9	538.9	545.6	545.9	540.2	546.9
5°	450.9	445.5	450.6	446.1	448.7	448.4	452.2	445.2	448.1	445.5	439.4
7.5°	334.4	345.3	351.1	343.7	353.1	357.9	351.1	357.9	347.3	338.6	347.0
10°	230.1	242.3	240.1	252.0	256.4	259.0	263.8	257.7	250.3	248.1	242.0
12.5°	178.5	175.9	174.9	179.7	182.6	178.5	182.0	178.1	174.3	167.5	167.2
15°	139.6	135.4	132.6	127.1	125.2	126.1	127.7	127.7	120.0	120.4	123.2
17.5°	105.9	105.0	102.7	98.2	95.3	96.3	96.0	94.4	93.4	94.0	97.6
20°	79.6	78.6	79.9	81.2	80.2	80.6	79.3	77.7	77.0	77.7	78.3
22.5°	62.9	64.2	65.8	67.7	68.0	69.6	69.3	69.6	68.4	67.7	66.1
25°	57.5	58.1	57.1	57.5	57.5	59.1	58.7	58.7	57.5	57.1	57.5
27.5°	50.7	50.4	50.4	51.0	51.0	52.0	52.6	52.0	50.7	50.4	50.7
30°	46.9	46.5	46.2	46.5	46.2	46.5	47.2	47.2	46.5	45.6	45.9
32.5°	43.0	43.0	42.7	43.0	42.7	42.7	43.3	42.4	42.4	42.0	42.0
35°	37.9	38.5	39.2	39.5	39.5	39.5	40.1	39.2	38.8	38.5	38.5
37.5°	32.7	33.4	35.3	36.3	36.6	37.2	37.6	36.9	36.3	35.6	35.0
40°	31.1	31.1	31.8	33.1	34.3	34.7	35.3	34.3	34.0	33.1	32.1
42.5°	29.8	30.2	30.2	30.5	30.8	31.5	32.4	31.5	30.8	30.2	29.2
45°	28.9	28.9	28.9	28.9	28.6	28.6	28.9	28.2	27.9	27.6	27.6
47.5°	28.2	27.9	27.6	27.3	27.0	26.6	26.6	26.0	26.0	26.0	26.0
50°	27.6	27.0	26.6	26.3	25.7	25.7	25.7	25.0	24.7	24.7	25.0
52.5°	26.6	26.3	26.0	25.7	25.4	25.0	25.0	24.4	24.1	24.1	24.1
55°	26.3	26.0	25.4	25.0	24.7	25.0	24.7	24.4	23.8	23.8	23.8
57.5°	25.4	25.7	25.4	24.7	24.7	24.7	24.7	24.1	23.8	23.1	23.4
59°	25.0	25.4	25.0	24.7	24.4	24.7	24.7	23.8	23.4	23.1	23.1
60°	24.7	25.0	24.7	24.4	24.4	24.7	24.4	24.1	23.4	22.5	22.8
62.5°	24.4	24.4	24.1	24.1	23.8	24.1	23.8	23.1	22.5	21.8	21.5
65°	23.8	23.8	23.4	23.4	23.1	23.1	23.1	22.5	21.8	21.2	21.2
67.5°	23.4	23.1	22.8	22.8	22.5	22.5	22.5	21.8	20.9	20.5	20.2
70°	22.1	21.8	21.8	21.5	21.2	21.5	21.8	20.9	19.9	19.3	18.9
72.5°	20.9	20.5	20.5	20.2	20.2	20.5	20.9	19.9	18.6	18.0	17.7
75°	18.9	18.6	18.6	18.6	18.6	19.3	19.3	18.3	17.3	16.4	15.7
77.5°	16.4	16.7	16.7	16.7	16.7	17.3	17.3	16.7	15.7	15.1	14.1
80°	14.1	14.1	14.4	14.4	14.8	14.8	14.4	14.1	13.8	13.2	11.9
82.5°	11.9	11.9	11.9	11.9	11.9	11.6	10.9	11.6	11.6	10.9	9.9
85°	9.3	9.3	9.3	9.6	9.6	8.7	7.7	7.7	8.7	8.3	7.7
87.5°	5.5	5.5	5.8	6.7	6.1	5.8	4.8	5.1	4.8	5.5	4.5
90°	1.3	1.0	1.0	0.3	0.6	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



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 CATALOG NUMBER: IST-AF-350-LED-E1-SLR-7030

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: P227373
 NUMBER: IST-AF-350-LED-E1-SLR-7030

REPORT NUMBER: P
 CATALOG NUMBER:

DISTRIBUTION (continued):

CANDELA DISTRIBUTION

160°	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	110°	160°
630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	110°	0.0
547.6	548.8	551.7	550.8	561.4	558.1	565.5	575.5	584.8	580.3	581.6	112.5°	0.0
450.3	451.9	439.7	447.1	458.0	453.5	451.9	466.7	463.1	479.8	466.0	115°	0.0
333.5	329.6	323.8	321.0	312.9	312.9	328.0	334.8	333.8	345.3	357.2	117.5°	0.0
234.3	229.8	222.7	220.8	228.8	232.7	239.4	246.2	255.2	268.3	276.0	120°	0.0
172.0	170.4	172.0	176.8	184.2	189.7	200.0	211.8	221.8	232.4	242.6	122.5°	0.0
130.0	133.2	137.4	140.6	146.4	156.6	162.1	175.2	184.2	193.5	205.4	125°	0.0
101.1	103.0	104.0	105.3	110.1	117.5	117.5	131.0	142.8	155.0	165.0	127.5°	0.0
77.0	77.0	73.8	75.7	76.4	75.7	79.6	87.3	95.0	103.0	118.8	130°	0.0
64.5	62.6	61.6	61.3	61.6	62.9	65.2	68.0	69.3	72.9	79.0	132.5°	0.0
57.1	56.8	55.8	55.8	56.5	56.8	59.1	61.6	62.3	63.2	65.5	135°	0.0
50.4	51.0	52.0	51.7	52.0	52.6	54.2	56.5	57.8	58.1	59.7	137.5°	0.0
45.6	46.2	46.5	47.5	47.5	47.8	49.1	51.4	52.3	53.9	55.5	140°	0.0
42.4	42.7	43.0	42.7	43.0	43.0	44.6	46.9	48.1	49.1	50.1	142.5°	0.0
38.8	38.5	38.5	38.5	37.6	37.2	37.9	40.1	40.4	41.4	43.7	145°	0.0
34.7	33.7	33.1	33.1	33.1	33.4	35.0	37.2	37.6	38.5	40.4	147.5°	0.0
30.8	30.5	30.5	30.8	31.1	31.8	33.1	35.3	35.6	36.6	38.2	150°	0.0
28.9	28.9	28.9	29.2	29.5	29.8	31.5	33.7	34.3	35.3	37.2	152.5°	0.0
27.6	27.9	27.6	27.6	27.9	28.6	30.2	32.7	33.7	34.7	36.6	155°	0.0
26.6	26.6	26.6	27.0	27.0	27.6	29.5	32.1	32.7	34.0	36.9	157.5°	0.0
25.4	26.0	25.7	26.0	26.3	27.0	28.9	31.5	32.4	34.3	37.6	160°	0.0
24.7	24.7	24.7	25.0	25.7	26.0	27.6	30.5	31.8	34.3	39.5	162.5°	0.0
24.4	23.8	23.8	24.1	24.7	25.4	27.0	29.8	31.5	34.0	39.2	165°	0.0
24.1	23.1	22.8	23.1	23.8	24.1	26.0	28.9	31.1	33.1	37.9	167.5°	0.0
23.1	22.5	22.1	22.5	23.1	23.8	25.4	28.2	29.8	32.4	36.3	170°	0.0
22.8	21.8	21.8	22.1	22.8	23.1	24.7	27.6	29.2	32.7	37.2	172.5°	0.0
21.5	21.2	21.2	21.5	21.5	22.1	24.1	27.0	28.2	33.4	31.1	175°	0.0
20.5	20.5	20.5	20.5	20.9	21.2	23.4	26.3	27.0	28.9	26.6	177.5°	0.0
19.9	19.9	19.9	19.9	19.9	20.5	22.5	25.4	25.7	25.4	24.4	180°	0.0
18.6	18.6	18.6	18.6	18.9	19.3	21.2	23.8	23.8	23.1	23.1		
17.7	17.3	17.3	17.3	17.3	17.7	19.6	22.1	21.8	21.5	21.5		
15.7	15.7	15.7	15.7	15.7	15.7	17.7	20.2	19.9	19.6	19.3		
13.8	13.8	14.1	13.8	13.5	13.2	15.1	18.0	18.0	17.7	17.3		
11.9	11.6	11.9	11.6	10.9	10.9	12.5	15.1	15.4	15.1	14.4		
9.6	9.3	9.3	9.3	8.0	8.0	9.6	12.2	12.2	11.9	11.2		
7.4	7.1	6.7	6.4	5.5	5.5	6.7	9.0	9.3	8.0	7.7		
3.9	3.9	3.9	2.9	2.6	2.2	3.5	5.5	5.5	4.5	3.9		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

'227373
 IST-AF-350-LED-E1-SLR-7030

REPORT NUMBER: P227373
 CATALOG NUMBER: IST-AF-350

TION (continued):

CANDELA DISTRIBUTION (con

165°	170°	175°	180°	185°	190°	195°	200°	205°	210°		215°	220°
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0°	630.0	630.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	589.6	592.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	476.3	487.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	360.1	375.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	288.5	298.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	253.2	268.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	217.3	233.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	178.1	197.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	136.1	155.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	95.6	112.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	69.6	77.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	61.9	64.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	58.1	60.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	52.3	54.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	45.9	48.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	42.7	44.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	40.8	41.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	39.2	39.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	38.2	39.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	38.8	43.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	43.7	42.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	44.6	39.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	40.8	38.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	36.6	33.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	32.7	30.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	30.5	29.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	27.9	28.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	26.0	27.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	25.0	26.0
										70°	23.4	24.1
										72.5°	21.8	22.1
										75°	19.6	19.9
										77.5°	17.3	17.3
										80°	14.1	14.1
										82.5°	10.9	10.6
										85°	7.1	6.7
										87.5°	3.2	2.6
										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: P227373

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

O-LED-E1-SLR-7030

tinued):

CANDELA DISTRIBUTION (continued):

225°	230°	235°	240°	245°	250°	255°	260°	265°		215°	220°	225°
630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	630.0	110°	0.0	0.0	0.0
606.9	615.9	623.0	621.7	636.8	645.8	647.0	656.4	665.3	112.5°	0.0	0.0	0.0
496.5	509.0	521.2	530.2	554.0	573.5	588.6	604.7	623.6	115°	0.0	0.0	0.0
395.7	406.3	426.2	440.7	465.7	488.5	510.6	536.0	557.5	117.5°	0.0	0.0	0.0
310.0	323.5	342.1	369.1	391.6	417.6	445.5	469.6	505.5	120°	0.0	0.0	0.0
278.6	286.9	302.3	315.2	343.1	370.7	402.2	435.2	468.3	122.5°	0.0	0.0	0.0
246.2	260.9	275.4	294.0	318.4	348.6	382.6	418.2	455.4	125°	0.0	0.0	0.0
214.7	234.3	250.0	270.2	297.5	335.7	380.0	424.3	468.0	127.5°	0.0	0.0	0.0
176.2	194.5	222.1	242.6	278.3	326.1	382.9	444.2	503.3	130°	0.0	0.0	0.0
138.7	158.2	189.7	220.2	259.3	321.0	394.5	476.9	555.9	132.5°	0.0	0.0	0.0
99.2	125.8	156.9	195.5	243.0	317.7	410.2	517.4	623.6	135°	0.0	0.0	0.0
74.1	92.8	130.6	172.7	224.7	312.0	426.9	554.9	669.8	137.5°	0.0	0.0	0.0
66.1	79.3	104.0	148.3	202.2	300.7	439.4	590.6	711.9	140°	0.0	0.0	0.0
57.8	68.0	87.6	125.2	182.0	283.4	444.8	609.5	741.1	142.5°	0.0	0.0	0.0
50.7	60.3	80.2	116.2	171.7	263.8	443.9	628.4	777.7	145°	0.0	0.0	0.0
46.2	54.6	77.0	113.9	163.7	245.9	444.8	658.9	831.9	147.5°	0.0	0.0	0.0
42.7	52.3	74.5	109.1	159.8	235.9	448.7	685.9	878.5	150°	0.0	0.0	0.0
42.7	51.7	68.0	102.4	157.9	236.9	450.3	706.7	913.1	152.5°	0.0	0.0	0.0
44.9	48.5	63.2	98.5	159.2	243.9	448.4	727.9	946.8	155°	0.0	0.0	0.0
42.7	45.3	60.0	97.9	159.2	249.1	454.2	754.2	991.1	157.5°	0.0	0.0	0.0
40.4	42.0	59.1	96.9	156.0	253.9	477.9	803.4	1048.9	160°	0.0	0.0	0.0
37.6	39.5	57.8	95.3	152.5	260.0	519.9	885.8	1144.5	162.5°	0.0	0.0	0.0
34.0	37.9	55.8	92.8	150.2	270.9	563.0	969.3	1258.5	165°	0.0	0.0	0.0
32.7	36.3	51.4	86.7	148.0	282.8	608.9	1049.2	1360.9	167.5°	0.0	0.0	0.0
31.8	35.0	47.5	82.2	146.0	288.5	622.7	1079.7	1400.3	170°	0.0	0.0	0.0
31.1	34.3	45.3	78.3	143.8	288.9	632.6	1091.3	1406.1	172.5°	0.0	0.0	0.0
30.2	33.1	40.8	70.3	136.7	288.5	633.6	1098.6	1389.4	175°	0.0	0.0	0.0
28.6	31.8	41.1	66.1	123.9	275.1	593.8	1063.0	1323.0	177.5°	0.0	0.0	0.0
27.3	30.8	43.3	67.1	110.4	240.4	519.3	952.3	1180.8	180°	0.0	0.0	0.0
25.4	30.2	45.3	69.3	106.6	199.6	392.9	777.7	988.9				
23.4	29.8	46.9	70.9	102.4	164.3	272.2	551.4	740.1				
21.2	27.3	42.7	60.3	84.7	119.4	175.2	360.8	510.3				
18.3	21.8	31.1	42.4	62.3	83.4	103.7	217.9	333.8				
15.1	16.4	22.1	27.3	41.4	49.4	57.5	122.9	233.3				
11.2	11.6	15.1	17.3	23.4	27.3	34.3	75.4	189.0				
6.4	7.4	10.3	11.6	14.1	17.3	22.5	48.1	148.3				
2.6	3.2	6.1	6.7	7.7	9.6	12.5	27.9	46.2				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	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: P227373

CATALOG NUMBER: IST-AF-350-LED-E1-SLR-7030

SLR-7030

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°	630.0	630.0	630.0	630.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5°	674.3	681.1	686.8	691.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5°	643.8	659.6	678.5	694.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5°	589.6	609.5	640.3	659.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10°	538.2	567.5	601.2	628.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5°	503.3	539.5	571.6	602.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15°	493.6	530.5	559.4	587.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5°	512.9	549.8	574.5	591.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20°	558.1	597.6	613.3	612.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5°	620.1	661.5	661.5	648.7
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25°	701.9	731.8	715.4	691.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5°	760.0	787.9	759.4	719.3
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30°	808.2	828.7	792.4	744.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5°	850.5	865.6	817.8	770.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35°	901.2	906.7	844.1	793.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5°	957.4	961.9	882.0	818.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40°	1023.5	1007.5	909.9	841.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.5°	1064.3	1038.0	930.1	854.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45°	1096.4	1060.4	939.4	861.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5°	1135.9	1093.5	955.8	874.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50°	1187.9	1139.4	997.2	910.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.5°	1294.4	1234.4	1071.7	973.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55°	1417.0	1360.2	1190.7	1077.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5°	1515.2	1477.0	1297.0	1172.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59°	1551.5	1535.1	1372.1	1252.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60°	1565.0	1579.1	1411.9	1300.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.5°	1574.3	1635.6	1541.2	1446.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65°	1555.0	1644.9	1593.5	1535.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.5°	1471.3	1578.8	1568.8	1517.8
								70°	1299.9	1419.6	1454.3	1381.7
								72.5°	978.0	1126.6	1315.6	1202.0
								75°	637.1	774.5	1123.3	1029.6
								77.5°	398.9	483.4	801.4	721.2
								80°	265.4	310.7	508.7	463.1
								82.5°	199.6	220.2	349.8	329.0
								85°	105.3	134.2	272.2	345.0
								87.5°	39.5	44.0	204.8	308.4
								90°	0.0	0.0	0.3	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: P227373

CATALOG NUMBER: IST-AF-350-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

290°	295°	300°	305°	310°	315°	320°		270°	275°	280°	285°	290°
630.0	630.0	630.0	630.0	630.0	630.0	630.0	110°	0.0	0.0	0.0	0.0	0.0
695.2	701.0	704.5	701.9	706.1	707.1	702.6	112.5°	0.0	0.0	0.0	0.0	0.0
708.0	724.1	735.6	743.7	746.9	749.8	748.5	115°	0.0	0.0	0.0	0.0	0.0
684.3	709.0	730.5	745.3	750.4	754.2	750.7	117.5°	0.0	0.0	0.0	0.0	0.0
658.0	683.6	703.9	718.6	718.3	722.2	715.4	120°	0.0	0.0	0.0	0.0	0.0
633.2	658.3	676.3	675.6	671.1	659.9	658.0	122.5°	0.0	0.0	0.0	0.0	0.0
613.7	626.8	631.3	630.4	617.5	611.1	610.1	125°	0.0	0.0	0.0	0.0	0.0
604.0	603.4	593.1	581.9	569.7	569.1	560.7	127.5°	0.0	0.0	0.0	0.0	0.0
605.6	584.8	565.8	546.6	533.4	530.5	531.5	130°	0.0	0.0	0.0	0.0	0.0
625.9	589.0	553.3	533.8	518.3	513.9	515.8	132.5°	0.0	0.0	0.0	0.0	0.0
651.2	601.8	557.5	527.7	515.1	509.7	510.6	135°	0.0	0.0	0.0	0.0	0.0
668.2	616.6	571.3	534.4	517.4	512.2	515.5	137.5°	0.0	0.0	0.0	0.0	0.0
690.1	636.8	589.9	551.7	526.4	519.6	521.9	140°	0.0	0.0	0.0	0.0	0.0
711.6	658.6	616.2	572.9	542.1	529.6	533.1	142.5°	0.0	0.0	0.0	0.0	0.0
734.7	684.0	641.3	601.8	565.5	545.9	550.4	145°	0.0	0.0	0.0	0.0	0.0
761.6	713.5	676.9	640.6	603.4	587.0	589.0	147.5°	0.0	0.0	0.0	0.0	0.0
787.6	742.4	718.9	692.0	670.2	645.1	645.1	150°	0.0	0.0	0.0	0.0	0.0
803.0	779.9	773.5	765.8	753.0	735.0	731.1	152.5°	0.0	0.0	0.0	0.0	0.0
822.0	824.5	839.3	854.7	858.6	840.9	835.5	155°	0.0	0.0	0.0	0.0	0.0
857.6	884.6	933.0	975.1	983.4	997.9	981.2	157.5°	0.0	0.0	0.0	0.0	0.0
907.7	957.4	1039.3	1107.9	1127.5	1128.8	1130.1	160°	0.0	0.0	0.0	0.0	0.0
964.8	1036.0	1144.2	1226.1	1261.0	1270.3	1263.6	162.5°	0.0	0.0	0.0	0.0	0.0
1062.7	1127.2	1245.6	1333.9	1378.8	1400.7	1394.9	165°	0.0	0.0	0.0	0.0	0.0
1159.6	1239.9	1344.2	1431.1	1479.0	1503.4	1508.5	167.5°	0.0	0.0	0.0	0.0	0.0
1225.7	1300.8	1397.1	1477.4	1524.5	1553.8	1556.3	170°	0.0	0.0	0.0	0.0	0.0
1266.2	1334.9	1428.9	1499.5	1546.7	1571.4	1580.4	172.5°	0.0	0.0	0.0	0.0	0.0
1388.8	1401.3	1465.5	1512.0	1545.1	1556.3	1563.1	175°	0.0	0.0	0.0	0.0	0.0
1446.2	1393.9	1386.5	1415.4	1418.3	1410.9	1401.6	177.5°	0.0	0.0	0.0	0.0	0.0
1366.3	1244.0	1198.8	1194.9	1183.0	1178.2	1148.7	180°	0.0	0.0	0.0	0.0	0.0
1186.6	1010.4	930.5	887.1	913.4	912.5	882.3						
999.8	820.4	716.7	654.4	646.7	645.4	619.1						
812.0	643.8	553.0	522.8	486.6	475.7	480.2						
585.4	459.6	440.4	463.5	466.4	458.0	452.2						
368.8	345.7	364.3	406.3	431.0	420.1	424.3						
307.5	272.2	273.5	317.7	334.4	337.0	328.3						
341.2	272.5	223.4	217.9	212.2	133.5	185.8						
307.5	210.9	124.2	102.4	62.9	36.3	37.6						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	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):

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°	630.0	630.0	630.0	630.0	630.0	630.0
0.0	0.0	0.0	0.0	0.0	0.0	2.5°	701.6	695.5	688.8	679.8	681.4	670.5
0.0	0.0	0.0	0.0	0.0	0.0	5°	738.5	727.9	713.5	695.2	678.2	656.4
0.0	0.0	0.0	0.0	0.0	0.0	7.5°	734.7	717.7	693.6	666.0	643.5	612.1
0.0	0.0	0.0	0.0	0.0	0.0	10°	701.6	679.5	659.9	631.3	602.1	574.5
0.0	0.0	0.0	0.0	0.0	0.0	12.5°	655.4	642.9	625.9	604.4	576.1	547.9
0.0	0.0	0.0	0.0	0.0	0.0	15°	605.0	606.0	595.7	589.9	575.8	553.3
0.0	0.0	0.0	0.0	0.0	0.0	17.5°	563.6	573.2	578.7	587.7	589.3	578.4
0.0	0.0	0.0	0.0	0.0	0.0	20°	536.0	549.5	566.5	591.2	617.2	628.4
0.0	0.0	0.0	0.0	0.0	0.0	22.5°	520.6	537.3	564.6	609.5	657.0	685.6
0.0	0.0	0.0	0.0	0.0	0.0	25°	517.7	539.8	578.0	632.9	694.6	734.7
0.0	0.0	0.0	0.0	0.0	0.0	27.5°	522.5	551.4	596.7	659.2	719.9	778.0
0.0	0.0	0.0	0.0	0.0	0.0	30°	537.9	571.6	621.1	688.5	751.4	809.1
0.0	0.0	0.0	0.0	0.0	0.0	32.5°	552.7	594.4	649.0	714.8	778.0	835.5
0.0	0.0	0.0	0.0	0.0	0.0	35°	576.4	618.5	674.3	735.0	796.3	861.4
0.0	0.0	0.0	0.0	0.0	0.0	37.5°	612.7	649.6	694.2	750.7	814.6	882.0
0.0	0.0	0.0	0.0	0.0	0.0	40°	664.4	688.8	717.7	762.3	823.6	895.8
0.0	0.0	0.0	0.0	0.0	0.0	42.5°	741.7	746.9	756.8	779.9	831.6	911.8
0.0	0.0	0.0	0.0	0.0	0.0	45°	841.5	826.1	817.5	814.3	849.6	922.1
0.0	0.0	0.0	0.0	0.0	0.0	47.5°	957.4	927.2	892.6	875.9	884.2	938.5
0.0	0.0	0.0	0.0	0.0	0.0	50°	1108.3	1059.2	991.1	943.0	938.8	986.6
0.0	0.0	0.0	0.0	0.0	0.0	52.5°	1246.6	1182.4	1096.7	1039.9	1016.8	1076.5
0.0	0.0	0.0	0.0	0.0	0.0	55°	1377.2	1327.8	1230.9	1160.3	1152.2	1195.6
0.0	0.0	0.0	0.0	0.0	0.0	57.5°	1491.8	1449.1	1369.8	1277.7	1280.9	1323.0
0.0	0.0	0.0	0.0	0.0	0.0	59°	1551.2	1515.6	1442.1	1348.3	1355.4	1413.2
0.0	0.0	0.0	0.0	0.0	0.0	60°	1572.4	1542.5	1472.5	1393.6	1402.6	1462.6
0.0	0.0	0.0	0.0	0.0	0.0	62.5°	1570.8	1551.5	1500.8	1463.6	1509.5	1553.4
0.0	0.0	0.0	0.0	0.0	0.0	65°	1420.9	1391.7	1385.9	1451.0	1539.6	1582.0
0.0	0.0	0.0	0.0	0.0	0.0	67.5°	1130.1	1143.9	1198.8	1310.8	1459.4	1521.0
						70°	839.3	863.7	936.9	1077.5	1281.6	1388.1
						72.5°	617.2	641.6	709.0	863.1	1054.3	1148.7
						75°	484.3	491.7	540.2	661.2	831.0	908.3
						77.5°	447.4	425.3	405.4	470.2	560.4	626.8
						80°	416.6	374.6	327.7	347.3	369.1	439.7
						82.5°	323.5	295.6	259.0	284.0	294.3	296.6
						85°	189.4	168.5	213.4	302.3	299.1	261.9
						87.5°	66.8	86.7	97.6	167.5	202.5	175.2
						90°	0.0	1.0	2.9	3.2	4.8	1.6
						92.5°	0.0	0.0	0.0	0.0	0.0	0.0
						95°	0.0	0.0	0.0	0.0	0.0	0.0
						97.5°	0.0	0.0	0.0	0.0	0.0	0.0
						100°	0.0	0.0	0.0	0.0	0.0	0.0
						102.5°	0.0	0.0	0.0	0.0	0.0	0.0
						105°	0.0	0.0	0.0	0.0	0.0	0.0
						107.5°	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: IST-AF-350-LED-E1-SLR-7030

CANDELA DISTRIBUTION (continued):

355°	359°	360°		325°	330°	335°	340°	345°	350°	355°
630.0	630.0	630.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
661.8	652.8	652.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
639.0	618.8	612.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
584.8	561.4	556.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
539.2	513.2	508.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.8	491.1	485.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
524.8	497.5	494.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
558.5	529.6	530.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
616.2	597.6	593.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
692.0	671.8	666.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
756.5	746.2	742.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
803.0	807.8	804.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
840.3	856.3	854.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
878.5	909.6	910.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.7	961.6	972.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
943.0	1016.5	1028.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
970.6	1056.9	1071.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
997.5	1090.3	1105.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1019.7	1123.3	1139.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1044.7	1155.4	1170.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1089.6	1205.8	1224.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1186.3	1299.2	1325.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1325.9	1428.3	1448.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1451.7	1515.9	1521.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1503.4	1540.0	1538.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1541.2	1545.7	1536.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1561.8	1519.1	1503.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1508.2	1448.8	1428.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1353.5	1322.0	1298.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1151.3	1071.7	1056.6								
872.7	767.7	745.3								
609.8	484.0	453.5								
400.9	310.7	299.1								
260.0	206.4	202.8								
181.3	135.4	124.9								
111.4	45.3	43.3								
34.7	20.9	18.6								
1.0	1.3	1.3								
0.0	0.0	0.0								
0.0	0.0	0.0								
0.0	0.0	0.0								
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359°	360°
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