

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: P227496

Luminaire Tested: **IST-AF-350-LED-E1-RW-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P227496  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29767)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: IST-AF-350-LED-E1-RW-8030  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-RECTANGULAR WIDE TYPE I  
Light Source: (16) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2011.3 lumens  
Efficiency: N/A  
Efficacy: 100.1 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type II - Medium - Cutoff  
BUG Rating: B1 - U1 - G1

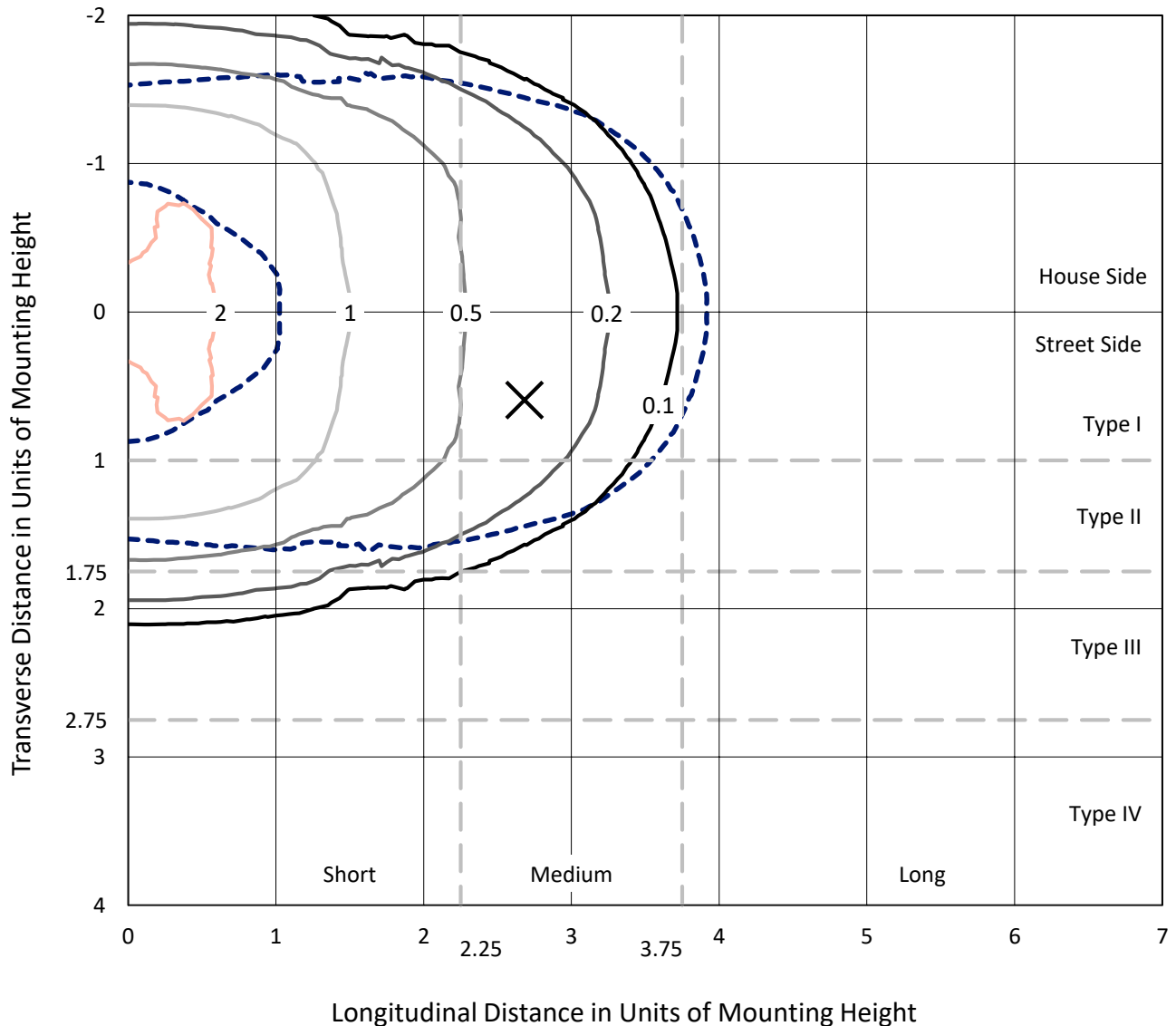
Input Watts (W): 20.09  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

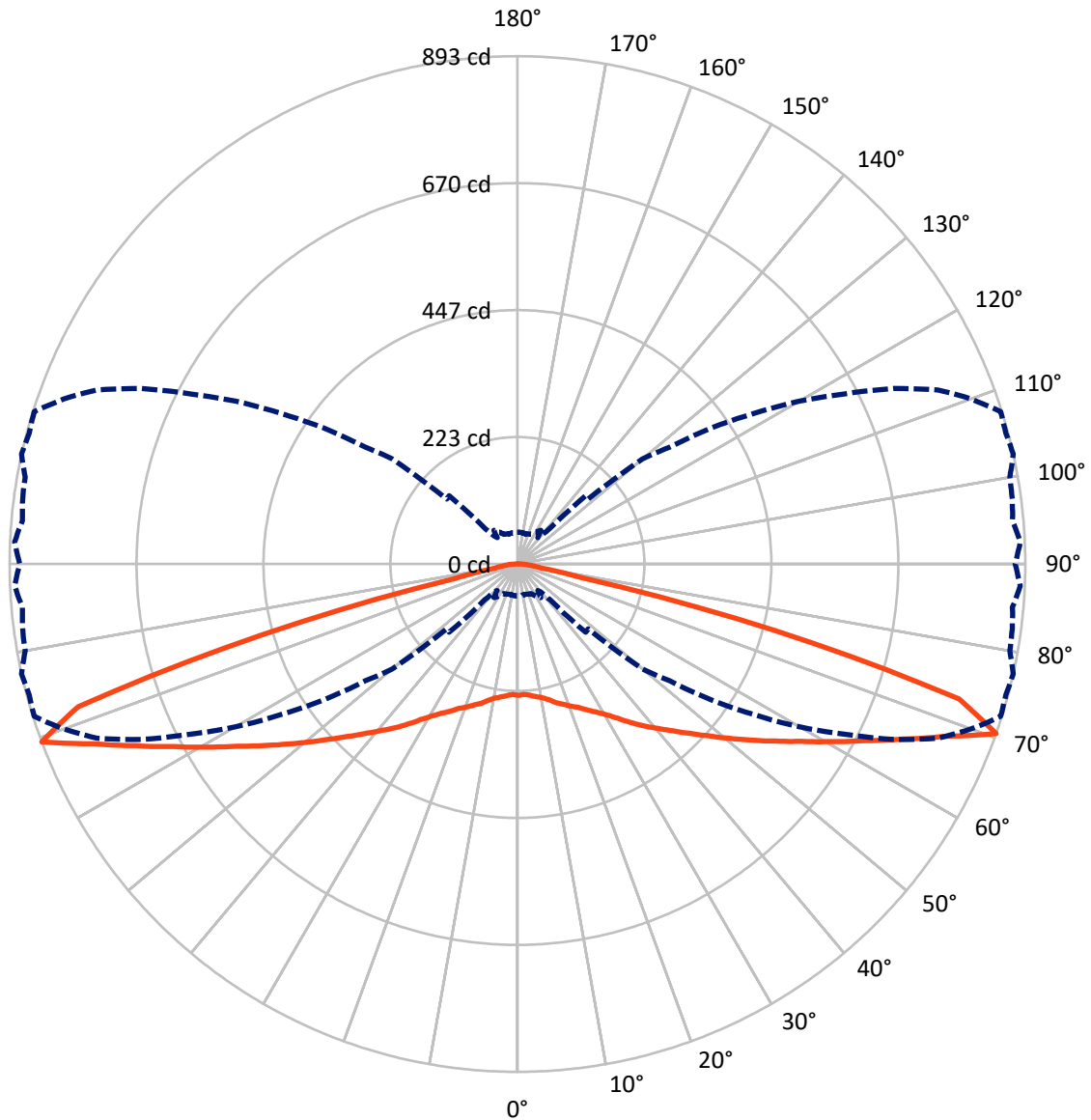
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.4 fc  
 Type II - Medium - Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 77.5-Deg Lateral      - - - Horizontal Cone Through 70-Deg Vertical

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**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	1005.5	0.2	1005.7
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	1005.5	0.2	1005.7
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	2011.0	0.3	2011.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	22.3	1.1
10°-20°	69.8	3.5
20°-30°	131.1	6.5
30°-40°	229.1	11.4
40°-50°	373.4	18.6
50°-60°	511.0	25.4
60°-70°	470.1	23.4
70°-80°	183.8	9.1
80°-90°	20.5	1.0
90°-100°	0.3	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°	2011.0	100.0
0°-180°	2011.3	100.0



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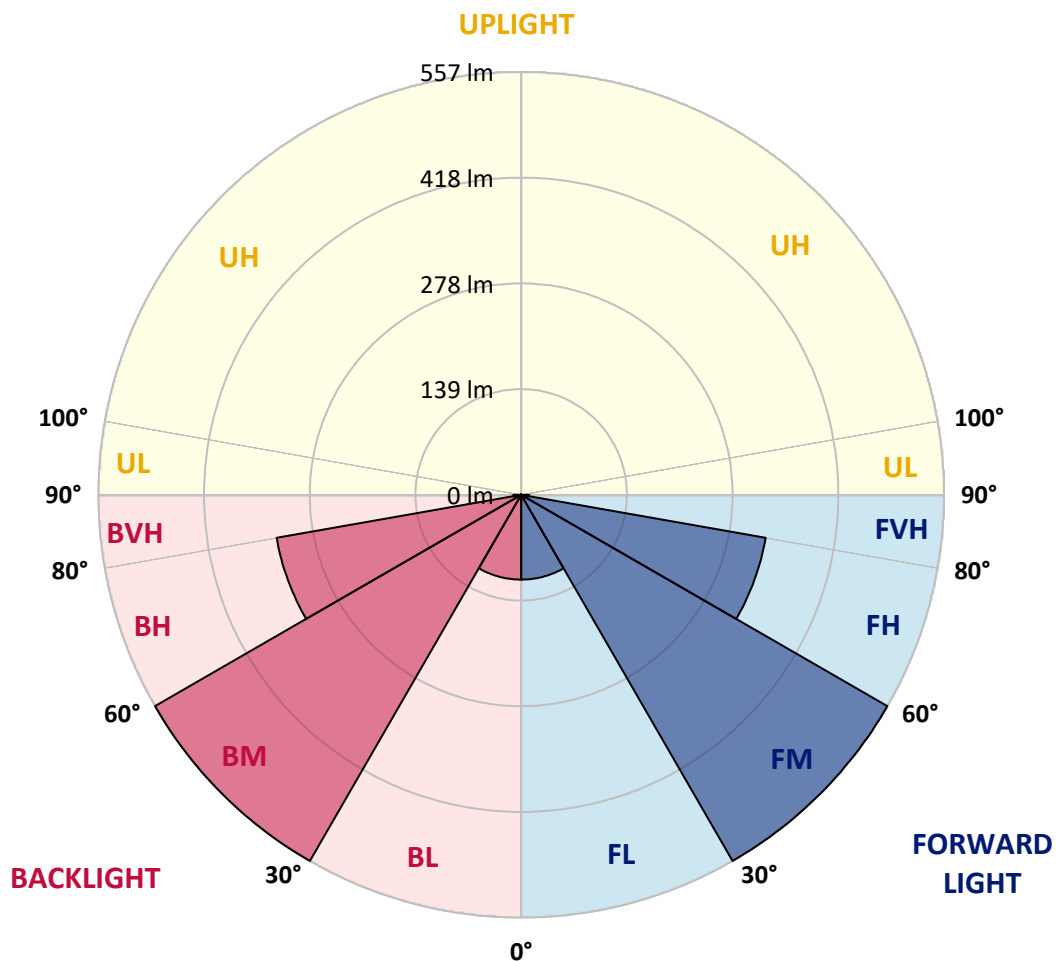
CATALOG NUMBER: IST-AF-350-LED-E1-RW-8030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	111.6	5.5			
FM	(30°-60°)	556.7	27.7			
FH	(60°-80°)	326.9	16.3			G0/660
FVH	(80°-90°)	10.2	0.5			G1/100
BL	(0°-30°)	111.6	5.5	B1/500		
BM	(30°-60°)	556.7	27.7	B1/1000		
BH	(60°-80°)	326.9	16.3	B1/500		G1/500
BVH	(80°-90°)	10.2	0.5			G1/100
UL	(90°-100°)	0.3	0.0		U1/10	
UH	(100°-180°)	0.2	0.0		U1/10	

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

Type II Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	231.0	231.0	231.0	231.0	231.0	231.0	231.0	231.0	231.0	231.0	231.0
2.5°	230.2	229.9	229.9	230.2	230.8	231.0	230.5	230.8	230.8	230.5	231.3
5°	230.8	230.5	230.8	231.3	232.2	233.1	232.8	232.8	233.1	232.5	234.0
7.5°	230.2	229.9	230.5	231.9	234.0	235.2	235.2	235.2	235.8	235.5	237.3
10°	227.5	227.2	228.7	231.3	235.2	236.1	237.0	237.3	239.0	239.0	240.8
12.5°	225.1	225.4	227.5	231.6	237.9	238.1	239.3	240.5	242.9	241.7	245.0
15°	226.0	226.6	229.3	234.3	242.6	242.3	243.2	244.4	248.2	245.5	250.9
17.5°	230.5	231.3	234.3	240.2	248.8	247.3	248.5	250.3	255.3	252.1	258.3
20°	237.6	238.7	242.0	248.5	256.5	255.0	256.2	258.3	264.2	260.9	267.1
22.5°	247.0	248.2	251.8	259.2	267.7	266.0	267.1	268.9	275.4	270.4	278.1
25°	259.7	260.9	264.8	272.5	282.2	280.2	280.7	281.9	288.7	282.8	290.2
27.5°	277.5	278.7	281.9	289.3	298.8	297.0	297.6	298.8	305.9	300.0	306.5
30°	300.0	301.2	304.1	311.5	319.5	317.4	318.3	319.2	325.7	319.8	325.1
32.5°	326.6	326.3	330.7	338.4	345.5	341.7	341.7	341.7	347.9	342.0	346.1
35°	358.0	358.0	362.4	369.8	376.3	371.9	369.8	368.6	375.4	368.0	371.0
37.5°	392.3	390.8	397.6	404.4	410.6	405.0	403.2	401.7	406.8	398.5	400.0
40°	428.7	427.5	434.9	442.6	446.7	439.3	437.8	436.1	441.4	433.4	433.1
42.5°	461.8	460.9	470.4	479.3	484.3	474.8	472.7	471.0	476.9	468.9	467.1
45°	489.9	489.6	500.6	512.7	521.6	511.5	510.0	507.1	513.0	503.2	502.3
47.5°	511.8	510.6	523.9	541.7	555.9	545.5	545.2	543.2	549.4	538.7	537.5
50°	526.6	527.5	542.0	562.7	585.8	576.0	576.9	576.0	585.2	574.5	576.0
52.5°	529.2	531.0	549.7	576.9	609.1	597.3	604.1	606.8	618.3	609.1	612.1
55°	497.6	502.6	531.0	578.4	623.6	616.2	624.8	632.5	648.8	641.1	646.4
57.5°	426.9	437.2	470.1	538.7	621.8	626.0	643.4	655.3	675.1	668.3	680.7
60°	329.9	337.0	373.3	453.5	565.0	570.7	602.3	639.9	685.4	694.9	714.4
62.5°	216.0	220.1	255.6	337.0	467.1	468.9	508.2	557.1	636.0	656.8	711.5
65°	107.1	112.7	131.6	194.1	327.2	324.8	368.0	425.1	527.5	550.3	639.3
67.5°	66.9	67.7	71.6	89.9	163.9	145.6	181.1	240.8	364.8	385.2	498.2
70°	56.2	55.9	55.0	57.7	72.2	58.6	64.8	84.6	169.8	168.9	287.3
72.5°	51.8	50.9	48.5	48.2	50.3	46.2	46.7	47.9	68.0	57.1	110.6
75°	47.6	45.9	42.9	42.0	42.0	38.8	38.8	39.1	44.1	41.4	50.3
77.5°	42.6	40.5	37.6	36.4	35.2	31.7	31.4	31.7	35.5	33.1	37.6
80°	36.7	34.6	32.5	30.8	29.0	25.7	24.9	24.9	28.1	25.7	29.3
82.5°	32.0	29.3	28.7	25.7	23.1	20.1	19.2	17.8	20.7	18.0	21.9
85°	23.7	21.6	27.2	22.8	18.3	16.3	13.0	10.9	13.0	10.7	13.9
87.5°	13.6	12.7	24.0	18.0	16.3	17.5	10.7	7.7	7.4	6.5	7.7
90°	2.7	3.0	3.8	2.7	3.6	1.8	0.9	0.9	1.8	1.2	2.1
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	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°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
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):**

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	231.0	231.0	231.0	231.0	231.0	231.0	231.0	231.0	231.0	231.0	231.0
2.5°	230.5	231.3	230.2	231.3	229.3	231.0	229.6	231.3	229.9	231.3	229.6
5°	231.9	234.3	231.6	234.9	231.0	234.9	231.6	235.2	232.2	235.2	231.9
7.5°	234.3	238.4	234.9	239.0	234.3	239.6	235.2	240.2	235.8	240.5	235.5
10°	237.3	242.6	237.9	243.2	237.6	243.8	238.1	244.7	238.7	245.2	239.0
12.5°	239.9	246.7	241.4	248.5	242.3	249.7	243.2	251.5	244.4	252.9	245.0
15°	245.0	253.8	247.0	255.6	248.5	257.1	250.0	259.4	251.5	261.2	252.9
17.5°	251.5	261.2	254.1	262.7	255.0	264.5	256.8	266.3	258.3	268.3	259.2
20°	260.3	270.1	262.7	271.0	263.6	272.2	264.5	273.1	266.3	274.8	266.8
22.5°	270.4	279.6	271.6	279.9	271.6	279.6	272.2	279.9	273.1	281.0	273.9
25°	282.5	291.1	283.1	290.2	281.9	289.0	281.9	289.0	282.8	289.6	284.3
27.5°	299.4	305.9	297.6	303.8	294.9	301.2	293.8	300.0	294.1	300.0	294.7
30°	318.3	324.2	314.8	319.8	310.0	314.8	306.8	312.1	305.9	311.5	307.4
32.5°	339.0	343.8	334.3	338.4	328.4	332.5	323.9	327.5	322.2	325.7	323.1
35°	362.1	366.8	357.1	360.9	350.9	354.4	345.8	347.6	342.3	344.6	342.3
37.5°	389.6	393.8	382.5	386.1	375.1	379.6	369.2	371.0	364.5	365.9	361.2
40°	419.2	423.6	410.3	413.9	400.3	405.3	393.8	394.9	386.1	387.5	380.1
42.5°	451.1	455.3	438.7	441.7	425.7	431.0	417.4	419.8	409.1	410.6	401.2
45°	486.4	488.7	470.4	472.4	453.2	458.5	441.4	445.8	433.1	436.1	425.1
47.5°	519.2	523.9	503.8	505.6	484.9	488.1	468.3	474.2	460.6	465.1	451.7
50°	556.8	560.3	541.1	541.4	521.3	522.4	500.3	506.2	491.4	496.1	481.9
52.5°	595.2	597.6	576.9	578.9	559.1	561.2	539.0	541.4	524.2	528.4	514.5
55°	632.5	633.1	615.9	615.3	596.7	600.5	576.0	581.3	560.9	565.3	549.7
57.5°	669.8	671.8	655.9	656.5	637.8	640.5	618.3	622.1	602.9	608.2	588.7
60°	709.1	715.6	699.9	702.0	684.3	689.6	662.7	667.7	646.7	655.3	634.3
62.5°	734.3	758.5	755.6	758.8	742.0	744.6	716.8	724.8	699.6	705.9	684.3
65°	686.3	745.8	776.0	809.1	810.0	818.6	791.7	794.6	769.5	768.0	742.5
67.5°	559.4	632.8	683.7	751.7	799.3	845.2	861.8	865.9	852.3	837.8	809.1
70°	337.5	417.7	492.6	572.7	647.9	730.4	800.5	849.0	891.4	889.3	893.4
72.5°	133.4	200.0	250.0	325.1	399.7	491.1	568.6	636.9	709.7	754.4	812.4
75°	52.7	69.5	81.4	123.4	158.9	226.9	295.2	332.2	389.3	428.4	468.6
77.5°	37.9	41.4	42.0	48.8	51.5	71.3	83.4	96.1	108.3	116.0	114.5
80°	29.3	31.7	31.7	34.6	34.3	38.2	37.3	40.8	40.5	43.5	41.4
82.5°	21.9	23.4	23.4	25.7	25.7	28.1	27.5	29.9	29.0	31.1	29.0
85°	14.2	15.7	15.7	16.9	16.3	18.6	18.3	20.1	19.2	20.1	18.6
87.5°	8.0	8.9	9.2	10.1	9.2	10.9	10.7	11.5	10.7	11.5	10.9
90°	1.2	1.8	1.2	1.8	0.9	2.7	1.5	3.0	0.9	3.6	1.5
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	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-RW-8030

**CANDELA DISTRIBUTION (continued):**

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
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: P227496

CATALOG NUMBER: IST-AF-350-LED-E1-RW-8030

**CANDELA DISTRIBUTION (continued):**

	80°	82.5°	85°	87.5°	90°
0°	231.0	231.0	231.0	231.0	231.0
2.5°	231.0	230.5	231.6	229.9	231.3
5°	235.2	232.5	235.8	232.5	235.5
7.5°	240.8	236.4	241.1	236.4	241.1
10°	246.1	238.7	246.4	239.3	246.7
12.5°	254.1	245.2	255.3	245.5	255.3
15°	263.0	252.9	264.2	253.2	264.8
17.5°	270.1	260.3	271.3	260.3	271.6
20°	276.0	268.3	277.5	268.3	278.4
22.5°	282.8	277.2	284.6	277.2	286.4
25°	291.7	287.8	293.8	288.4	294.9
27.5°	302.0	299.4	304.1	300.3	305.3
30°	314.2	313.3	315.7	313.9	316.8
32.5°	327.8	329.9	329.9	329.9	331.0
35°	347.6	349.4	349.4	350.0	350.3
37.5°	366.5	369.5	369.2	370.1	370.1
40°	386.4	390.2	390.2	390.2	390.8
42.5°	408.3	412.4	413.0	411.2	412.4
45°	432.8	434.3	435.8	434.9	436.9
47.5°	459.1	460.6	461.8	460.6	463.9
50°	490.2	489.9	493.2	489.9	494.6
52.5°	522.7	525.4	527.5	524.2	527.5
55°	559.4	558.5	565.3	560.9	565.3
57.5°	599.7	599.7	606.5	602.3	607.3
60°	647.3	643.4	652.9	646.1	652.9
62.5°	695.5	688.7	699.4	693.4	702.3
65°	751.1	741.4	751.4	743.7	751.7
67.5°	807.3	796.1	799.3	795.5	799.9
70°	879.5	878.0	874.2	885.4	875.7
72.5°	803.2	820.4	806.4	833.4	815.0
75°	493.5	525.1	542.6	570.1	565.6
77.5°	116.9	103.8	114.5	102.7	115.7
80°	43.2	39.3	41.1	35.8	39.9
82.5°	29.6	25.7	24.9	19.8	21.3
85°	18.9	15.4	14.2	11.8	13.0
87.5°	11.2	8.6	8.0	6.8	7.1
90°	3.3	1.2	2.4	0.6	2.1
92.5°	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P227496

CATALOG NUMBER: IST-AF-350-LED-E1-RW-8030

**CANDELA DISTRIBUTION (continued):**

	80°	82.5°	85°	87.5°	90°
112.5°	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)