

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: P226593

Luminaire Tested: **IST-AF-350-LED-E1-T4FT-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P226593  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35943)  
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-T4FT-7030  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-TYPE IV FORWARD THROW  
Light Source: (16) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

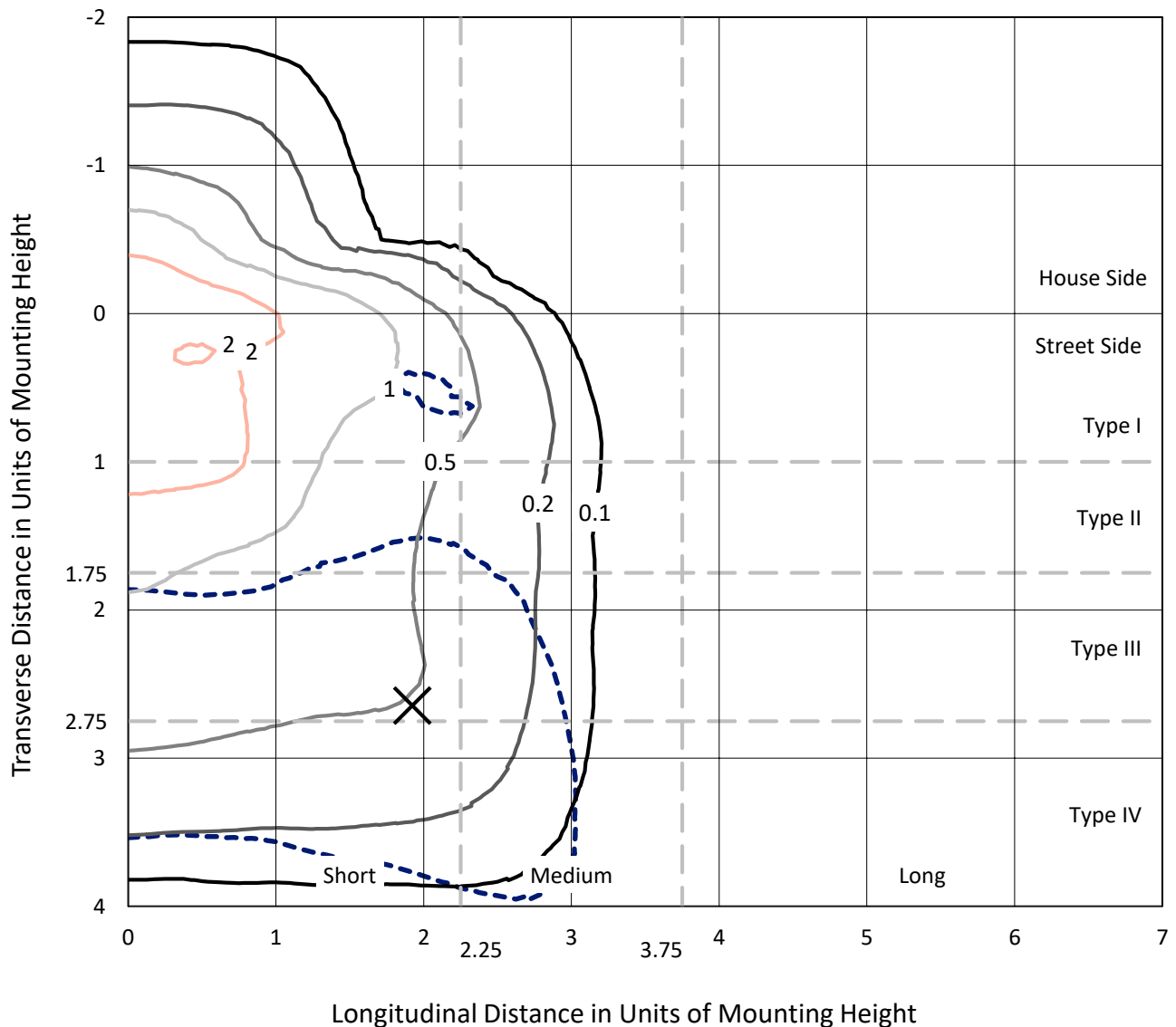
Lumens per Lamp: N/A  
Luminaire Lumens: 2240 lumens  
Efficiency: N/A  
Efficacy: 111.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B1 - U1 - G1  
  
Input Watts (W): 20.09  
Input Voltage (V): 120  
Input Current (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

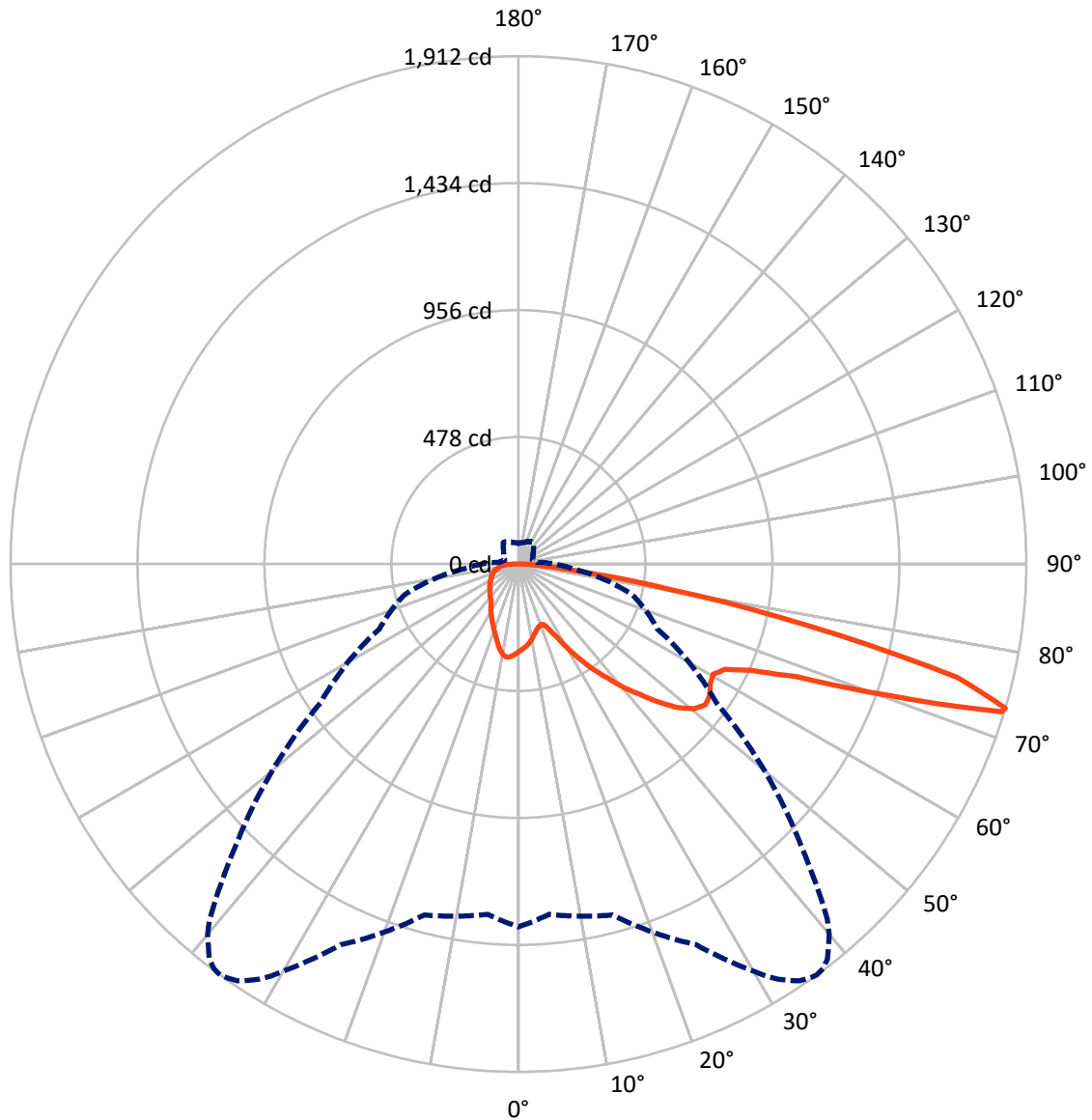
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.5 fc  
 Type IV - Short - Non-Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 36-Deg Lateral    - - - Horizontal Cone Through 73-Deg Vertical

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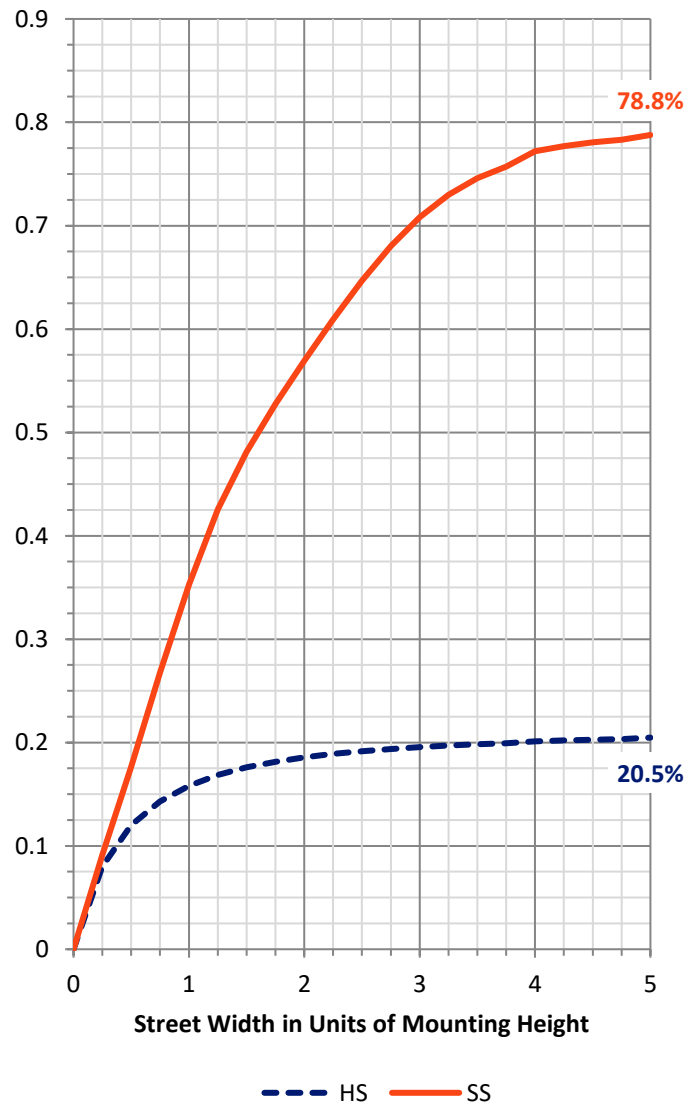
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	472.3	0.5	472.8
	% Fixture	21.1	0.0	21.1
<b>Street Side</b>	Lumens	1767.0	0.2	1767.1
	% Fixture	78.9	0.0	78.9
<b>Total</b>	Lumens	2239.3	0.7	2240.0
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	31.0	1.4
10°-20°	82.1	3.7
20°-30°	134.5	6.0
30°-40°	222.8	9.9
40°-50°	327.4	14.6
50°-60°	412.9	18.4
60°-70°	540.7	24.1
70°-80°	437.7	19.5
80°-90°	50.4	2.2
90°-100°	0.7	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°	2239.3	100.0
0°-180°	2240.0	100.0



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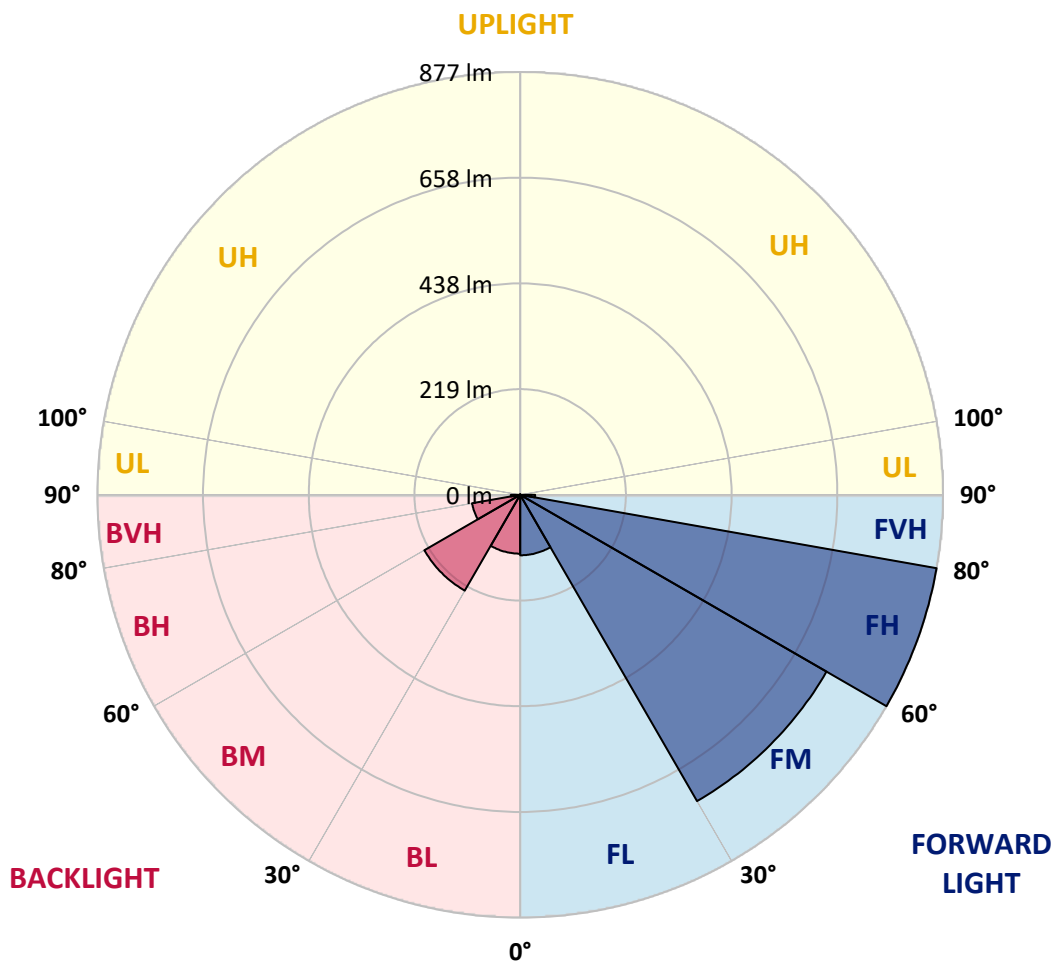
CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7030

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	125.4	5.6			
FM	(30°-60°)	733.6	32.7			
FH	(60°-80°)	877.0	39.2			G1/1800
FVH	(80°-90°)	31.1	1.4			G1/100
BL	(0°-30°)	122.1	5.5	B1/500		
BM	(30°-60°)	229.6	10.2	B1/1000		
BH	(60°-80°)	101.3	4.5	B0/110		G0/110
BVH	(80°-90°)	19.3	0.9			G1/100
UL	(90°-100°)	0.7	0.0		U1/10	
UH	(100°-180°)	0.5	0.0		U1/10	

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

Type IV Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	31°	32°	33°	34°	35°	36°
0°	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0
2.5°	317.1	317.7	318.4	318.4	318.4	319.3	319.0	319.0	319.3	319.7	319.7
5°	305.2	305.5	307.5	308.1	310.0	309.7	309.7	309.7	311.0	310.0	310.7
7.5°	291.7	292.4	294.3	296.6	298.2	298.5	298.2	297.5	299.1	299.8	299.1
10°	275.7	276.0	278.6	280.5	283.1	282.7	283.7	283.7	284.4	284.0	285.3
12.5°	267.7	267.0	265.7	266.7	267.3	267.3	267.3	268.3	268.0	268.6	269.6
15°	266.7	265.1	258.7	256.4	255.8	255.8	255.5	255.1	256.1	257.1	257.1
17.5°	271.2	268.0	255.5	249.1	247.8	247.1	247.4	246.8	246.8	248.1	247.8
20°	293.0	287.2	262.2	248.1	244.2	244.2	243.9	243.0	243.0	243.3	243.3
22.5°	348.5	341.2	297.5	268.3	254.8	254.5	253.5	252.6	250.0	249.4	248.1
25°	425.9	417.2	342.4	311.0	292.1	291.4	286.6	286.0	279.9	280.2	276.0
27.5°	485.9	480.1	402.5	360.7	342.8	338.9	336.7	330.9	325.8	321.6	316.4
30°	506.4	505.5	463.1	429.4	402.5	398.0	391.9	389.3	381.9	376.1	372.6
32.5°	538.9	539.8	522.2	484.9	461.5	457.0	451.9	445.8	440.7	436.8	428.5
35°	585.1	585.4	573.2	545.3	518.3	512.2	509.3	502.3	497.5	492.6	488.5
37.5°	617.2	618.8	610.1	588.6	572.6	563.9	563.6	558.4	553.0	548.8	545.0
40°	678.8	670.1	641.6	627.8	614.6	613.6	610.8	607.9	609.1	606.9	611.1
42.5°	741.1	730.1	690.3	670.8	662.7	664.3	663.4	663.7	667.6	666.6	671.1
45°	794.3	781.8	743.9	720.8	727.3	729.2	734.6	737.8	736.2	742.0	742.0
47.5°	847.6	818.4	773.5	784.1	788.6	803.3	807.2	806.2	811.7	814.2	807.2
50°	810.1	802.4	798.8	831.2	851.5	856.3	861.7	864.6	867.2	863.7	856.6
52.5°	730.8	730.1	779.9	859.2	876.2	882.6	887.7	890.0	889.0	887.1	881.3
55°	704.1	699.0	742.0	830.3	856.3	862.4	869.8	874.2	878.7	878.1	873.6
57.5°	740.4	736.2	736.6	804.9	830.3	835.7	840.5	845.7	847.0	851.1	851.5
60°	845.7	840.2	796.3	804.0	829.6	835.7	836.4	839.3	839.6	841.8	842.2
62.5°	997.5	987.5	920.5	862.7	871.7	874.6	876.8	876.2	874.9	873.3	873.3
65°	1163.7	1154.4	1068.1	1000.7	974.7	981.8	970.5	968.3	965.7	965.7	962.8
67.5°	1361.4	1343.8	1277.0	1201.3	1163.7	1167.3	1172.4	1152.8	1145.8	1146.4	1131.3
70°	1563.0	1544.4	1515.2	1514.2	1533.1	1524.8	1501.0	1532.5	1495.3	1486.3	1483.1
72.5°	1451.6	1429.5	1435.6	1616.9	1787.0	1814.6	1840.9	1865.3	1887.1	1900.3	1902.2
73°	1366.2	1324.2	1367.9	1581.0	1769.7	1810.4	1843.2	1869.2	1892.6	1904.5	1911.9
75°	682.3	684.6	899.6	1304.3	1546.6	1581.6	1632.6	1661.2	1703.6	1725.4	1706.1
77.5°	158.2	164.0	272.5	619.1	927.2	977.3	1018.0	1059.8	1108.9	1127.1	1111.1
80°	55.8	58.4	96.0	235.3	387.1	414.7	449.6	495.5	541.1	552.3	580.6
82.5°	29.5	32.4	50.7	102.1	165.3	180.7	189.7	208.6	224.7	234.3	239.4
85°	17.0	17.3	28.9	56.5	75.7	81.8	87.6	92.1	97.2	93.7	93.7
87.5°	6.7	7.4	14.8	26.6	36.6	40.8	40.8	40.8	40.4	35.6	32.4
90°	1.3	1.9	2.9	5.5	4.8	4.8	4.5	3.9	3.5	3.9	2.2
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°	5°	15°	25°	30°	31°	32°	33°	34°	35°	36°
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):**

	37°	38°	39°	40°	41°	45°	55°	65°	75°	85°	90°
0°	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0
2.5°	320.3	320.6	320.0	321.3	320.3	320.3	321.9	324.8	327.0	327.7	329.6
5°	311.3	311.6	311.6	312.0	311.6	312.3	315.2	317.7	322.2	324.5	327.4
7.5°	299.8	300.7	300.4	301.0	301.0	301.7	306.2	310.4	314.8	319.0	322.5
10°	286.0	286.6	287.9	287.2	287.2	289.2	294.0	300.1	305.5	311.6	315.8
12.5°	269.6	271.2	270.9	272.2	272.8	274.1	282.1	288.8	295.6	302.6	308.1
15°	256.8	257.7	258.4	258.7	258.7	261.6	269.6	277.9	286.9	295.3	301.0
17.5°	248.4	248.4	249.1	249.4	250.0	251.9	260.3	269.6	279.9	290.1	296.6
20°	243.6	243.6	243.9	244.2	244.2	246.5	254.2	264.8	276.0	289.2	296.9
22.5°	247.4	246.5	246.2	246.2	244.9	244.9	252.3	263.5	277.6	294.6	304.6
25°	273.8	270.9	266.4	265.4	263.8	256.1	255.1	268.0	285.3	306.5	321.6
27.5°	313.2	310.4	307.5	303.9	301.4	287.2	268.0	279.5	300.1	330.2	348.9
30°	364.9	359.1	355.0	351.1	339.9	324.5	294.6	297.5	322.9	363.3	386.7
32.5°	422.7	416.6	410.2	401.2	398.3	373.3	335.1	327.4	351.8	401.8	426.2
35°	478.5	475.6	471.1	467.6	460.9	440.0	387.7	363.3	385.1	447.1	466.0
37.5°	543.4	537.9	538.2	535.3	531.5	513.8	442.3	406.6	421.1	490.4	502.3
40°	607.2	605.9	607.9	603.0	596.6	572.9	482.4	438.4	458.6	532.1	529.2
42.5°	667.6	668.5	666.3	660.8	653.8	614.0	508.1	465.4	492.3	568.7	550.7
45°	736.6	733.0	723.7	714.1	705.4	649.3	521.9	495.5	524.7	608.2	572.6
47.5°	801.7	787.9	779.9	765.1	748.1	681.4	540.5	527.3	560.7	645.4	593.4
50°	849.5	836.7	823.2	805.2	787.3	709.3	565.2	563.3	601.4	687.1	622.0
52.5°	871.4	859.5	846.3	828.0	810.1	729.5	598.2	598.2	649.6	742.3	661.5
55°	867.8	859.2	847.6	830.9	817.1	740.4	632.3	636.7	709.9	802.0	707.0
57.5°	849.2	844.4	837.7	826.1	814.9	748.8	672.4	675.3	790.8	859.5	750.0
60°	842.8	840.9	837.0	830.3	821.6	767.1	715.1	721.5	881.3	912.1	774.4
62.5°	871.4	867.5	864.6	857.9	849.9	812.0	768.7	770.6	966.4	918.5	750.7
65°	951.6	944.5	939.7	930.7	921.7	879.7	837.0	816.2	1008.1	858.5	670.1
67.5°	1119.8	1108.2	1094.4	1077.4	1052.7	1014.8	904.7	822.6	970.2	727.3	528.6
70°	1452.3	1427.2	1395.5	1359.2	1349.9	1239.5	947.1	775.1	806.5	508.1	350.5
72.5°	1899.0	1873.0	1844.8	1814.9	1755.9	1513.2	928.5	625.2	501.6	261.2	166.9
73°	1906.4	1888.7	1854.7	1820.1	1771.9	1508.4	908.3	576.4	442.3	205.7	136.7
75°	1709.7	1702.6	1669.2	1602.5	1561.7	1274.1	668.8	334.1	193.5	127.1	88.9
77.5°	1109.5	1101.8	1082.9	1076.4	1001.3	826.1	299.4	130.0	105.3	84.4	62.9
80°	591.2	555.2	548.8	523.1	468.3	318.1	102.4	79.6	70.0	56.5	44.0
82.5°	239.7	224.3	218.6	198.0	186.1	95.3	51.4	55.2	46.9	33.4	27.0
85°	88.3	81.2	79.3	64.5	56.8	28.2	31.5	38.8	29.2	18.6	13.5
87.5°	30.5	26.3	22.8	17.7	16.4	11.6	17.3	21.2	18.6	11.2	6.4
90°	2.2	1.9	1.6	1.3	1.6	1.3	1.9	2.9	3.2	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



REPORT NUMBER: P226593

CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7030

**CANDELA DISTRIBUTION (continued):**

	37°	38°	39°	40°	41°	45°	55°	65°	75°	85°	90°
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: P226593

CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7030

**CANDELA DISTRIBUTION (continued):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0	329.0
2.5°	330.2	331.5	334.1	336.0	337.6	339.9	340.5	341.8	340.2	342.1
5°	329.0	332.8	337.6	342.1	346.3	349.8	351.4	351.8	352.1	353.4
7.5°	325.8	331.5	339.2	345.3	351.8	354.0	355.0	355.3	353.0	354.0
10°	319.3	328.6	338.3	345.7	348.9	347.3	344.7	340.5	338.6	338.6
12.5°	312.3	324.2	335.4	339.6	336.7	330.6	323.5	315.8	312.9	312.9
15°	306.5	321.6	330.9	328.0	319.7	308.1	298.5	290.5	287.9	286.9
17.5°	303.3	320.3	323.8	314.8	300.7	286.3	276.7	269.9	267.7	267.7
20°	305.9	321.6	315.8	299.1	281.5	268.3	260.0	255.5	253.2	254.2
22.5°	316.8	326.4	308.7	283.7	262.2	251.0	247.1	244.2	243.9	244.6
25°	335.1	332.8	302.6	267.7	244.2	236.2	235.9	234.9	234.6	234.3
27.5°	358.8	340.8	295.3	249.7	226.3	222.4	224.3	224.0	223.7	224.0
30°	390.3	347.9	284.4	230.1	209.3	209.3	212.1	211.2	209.9	210.2
32.5°	419.5	353.0	267.7	208.3	195.8	196.4	197.4	194.8	191.6	192.2
35°	444.5	353.0	245.2	188.7	182.0	182.0	182.6	180.4	177.8	176.8
37.5°	465.4	346.0	217.0	174.0	170.7	170.7	173.3	171.1	166.2	165.3
40°	477.9	330.6	191.0	163.0	165.3	165.6	162.1	158.2	153.7	152.8
42.5°	485.9	308.1	170.4	155.3	161.8	159.2	150.8	144.7	144.4	145.7
45°	493.0	282.7	154.1	147.6	157.9	152.4	141.2	135.4	137.4	138.6
47.5°	500.0	257.4	140.9	139.0	150.8	147.0	135.1	128.7	127.7	129.7
50°	516.7	222.1	125.8	128.7	142.2	140.9	129.7	122.3	116.2	115.9
52.5°	539.2	174.9	113.0	119.7	135.4	137.4	123.6	116.5	108.2	106.9
55°	564.2	134.2	102.4	112.7	129.0	132.2	121.3	110.7	101.7	100.5
57.5°	571.6	105.9	92.4	102.7	120.4	127.4	117.8	104.0	97.2	96.0
60°	546.2	87.9	84.1	94.4	111.7	122.6	112.3	98.9	92.8	91.8
62.5°	468.9	77.7	79.6	88.9	105.3	118.1	108.2	95.0	90.2	89.5
65°	357.9	70.6	75.7	84.4	99.5	113.9	105.3	93.4	89.5	88.9
67.5°	224.7	65.5	71.9	79.6	93.7	109.4	103.0	91.5	88.6	87.6
70°	124.5	60.0	66.8	74.1	87.9	105.3	100.1	88.6	88.3	86.3
72.5°	75.7	54.2	61.3	68.4	81.5	100.1	95.0	85.0	81.8	78.0
73°	72.2	53.6	60.0	67.1	79.9	98.9	94.0	83.8	80.6	76.7
75°	58.4	48.1	54.9	61.0	74.1	93.7	88.6	79.3	74.1	71.2
77.5°	43.0	41.1	47.5	53.3	66.8	86.7	80.9	72.5	66.4	64.8
80°	31.8	34.0	40.1	45.3	58.7	79.6	72.9	64.8	61.0	59.1
82.5°	21.5	26.3	32.1	36.3	52.0	71.9	64.5	56.8	59.4	49.4
85°	12.5	18.3	23.1	28.2	41.7	64.2	56.2	48.5	42.4	38.2
87.5°	8.3	10.3	14.1	19.3	30.2	50.4	44.6	37.9	27.6	27.6
90°	1.0	1.3	1.9	2.2	4.2	21.5	14.8	17.7	3.2	2.9
92.5°	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
97.5°	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
102.5°	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
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P226593  
 CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7030

**CANDELA DISTRIBUTION (continued):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
110°	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
115°	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
120°	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
125°	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
130°	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
135°	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
140°	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
145°	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
150°	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
155°	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
160°	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
165°	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
170°	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
175°	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
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)