

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: P271629

Luminaire Tested: **IST-AF-350-LED-E1-T4FT-7027**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271629  
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-7027  
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-TYPE IV FORWARD THROW  
Light Source: (16) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2198.5 lumens  
Efficiency: N/A  
Efficacy: 109.4 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

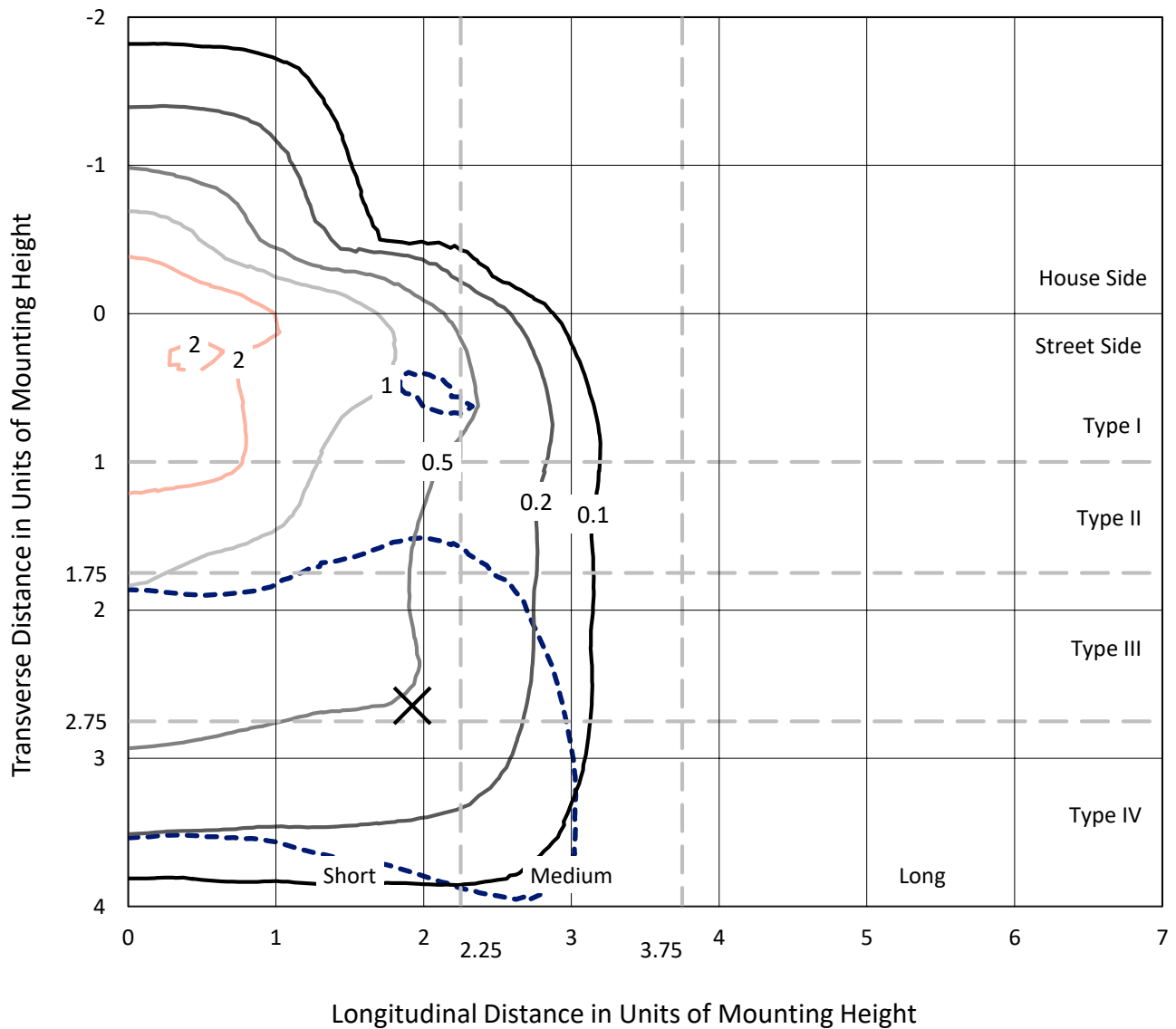
Input Watts (W): 20.09  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P271629  
 CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

### Iso-Footcandle Lines of Horizontal Illumination

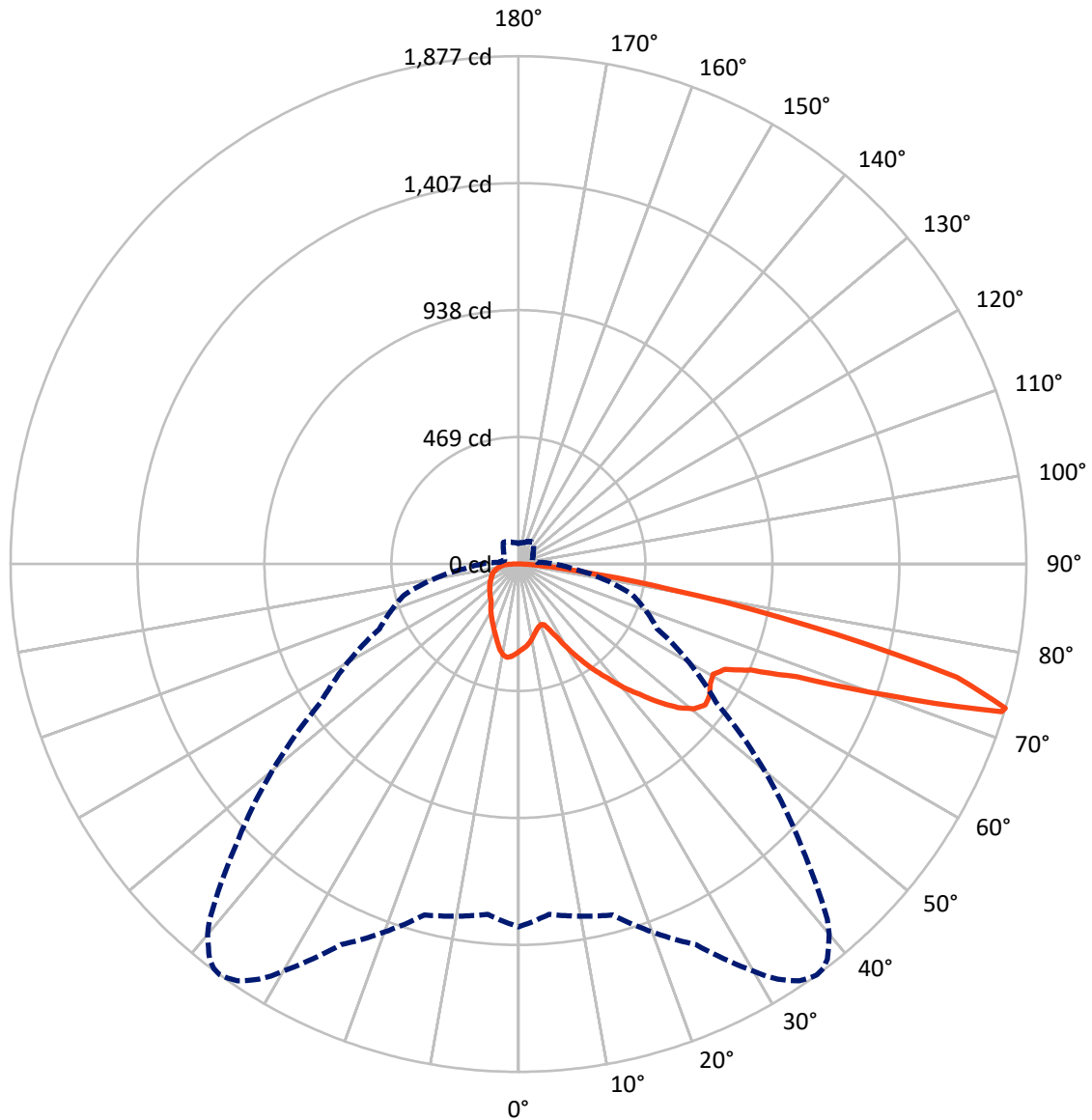
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.4 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P271629  
CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

### Luminous Intensity Polar Plot



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

REPORT NUMBER: P271629  
 CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

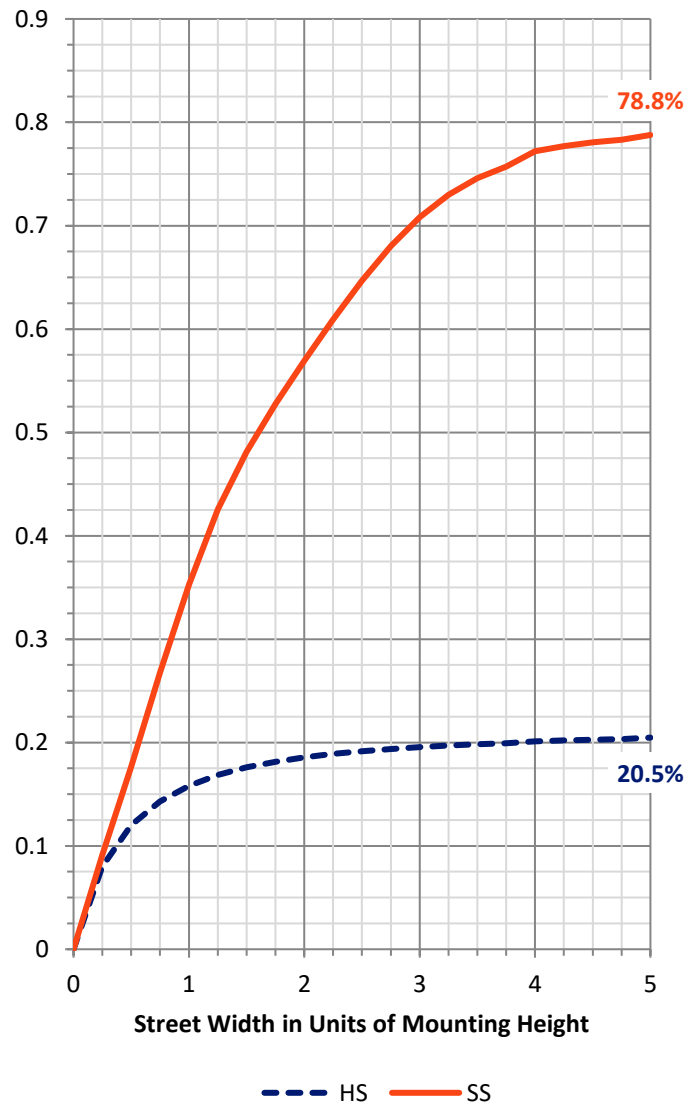
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	463.6	0.5	464.1
	% Fixture	21.1	0.0	21.1
<b>Street Side</b>	Lumens	1734.2	0.2	1734.4
	% Fixture	78.9	0.0	78.9
<b>Total</b>	Lumens	2197.8	0.7	2198.5
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	30.4	1.4
10°-20°	80.5	3.7
20°-30°	132.0	6.0
30°-40°	218.7	9.9
40°-50°	321.4	14.6
50°-60°	405.2	18.4
60°-70°	530.6	24.1
70°-80°	429.5	19.5
80°-90°	49.4	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°	2197.8	100.0
0°-180°	2198.5	100.0



REPORT NUMBER: P271629

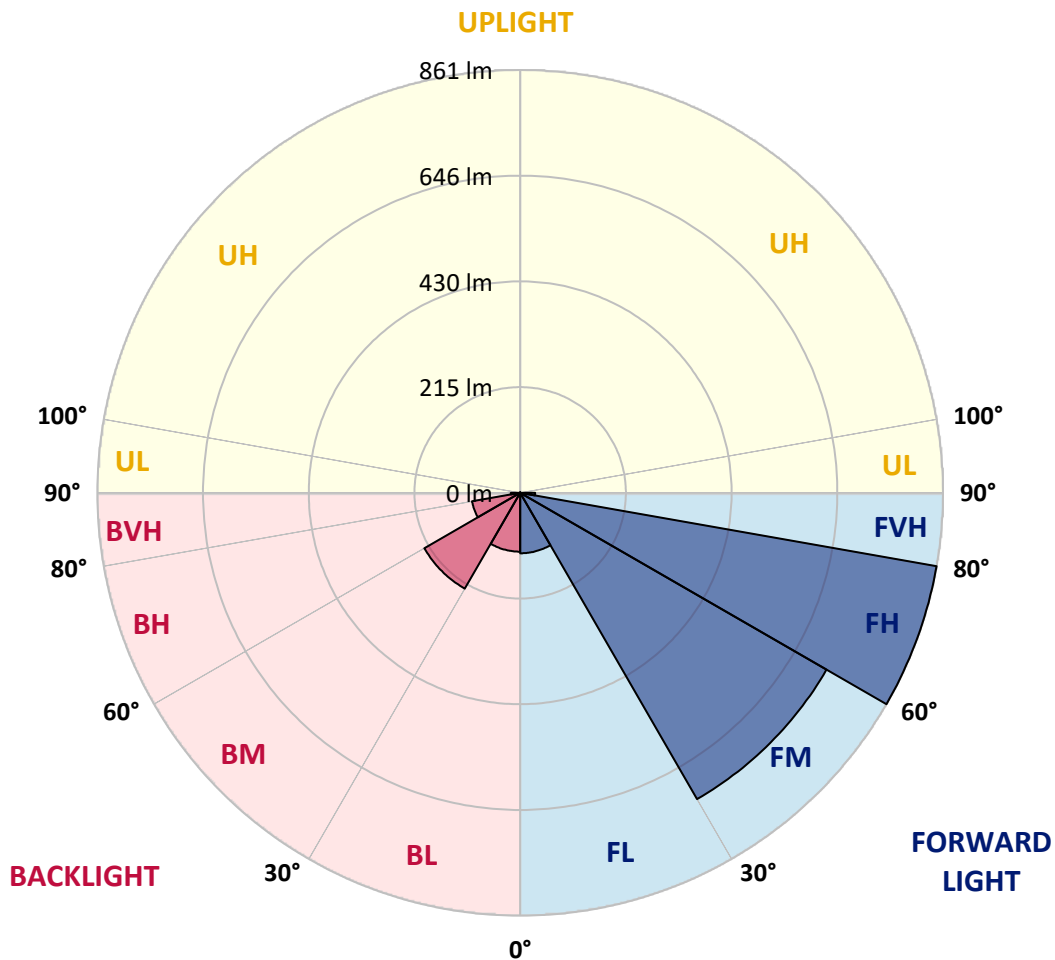
CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	123.1	5.6			
FM	(30°-60°)	720.0	32.7			
FH	(60°-80°)	860.7	39.2			G1/1800
FVH	(80°-90°)	30.5	1.4			G1/100
BL	(0°-30°)	119.8	5.5	B1/500		
BM	(30°-60°)	225.3	10.2	B1/1000		
BH	(60°-80°)	99.5	4.5	B0/110		G0/110
BVH	(80°-90°)	18.9	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





REPORT NUMBER: P271629

CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	30°	31°	32°	33°	34°	35°	36°
0°	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9
2.5°	311.3	311.8	312.5	312.5	312.5	313.4	313.1	313.1	313.4	313.8	313.8
5°	299.6	299.9	301.8	302.4	304.3	304.0	304.0	304.0	305.2	304.3	305.0
7.5°	286.3	287.0	288.9	291.1	292.7	292.9	292.7	291.9	293.6	294.3	293.6
10°	270.6	270.9	273.4	275.3	277.8	277.5	278.5	278.5	279.1	278.7	280.0
12.5°	262.8	262.0	260.8	261.8	262.3	262.3	262.3	263.3	263.0	263.7	264.6
15°	261.8	260.1	254.0	251.6	251.1	251.1	250.8	250.4	251.3	252.3	252.3
17.5°	266.2	263.0	250.8	244.5	243.2	242.5	242.8	242.3	242.3	243.5	243.2
20°	287.5	281.9	257.4	243.5	239.7	239.7	239.4	238.5	238.5	238.8	238.8
22.5°	342.1	334.9	291.9	263.3	250.1	249.8	248.8	247.9	245.3	244.8	243.5
25°	418.0	409.4	336.1	305.2	286.6	286.0	281.3	280.7	274.7	275.0	270.9
27.5°	476.9	471.3	395.1	354.0	336.4	332.6	330.5	324.7	319.8	315.7	310.5
30°	497.0	496.1	454.5	421.5	395.1	390.7	384.7	382.0	374.9	369.1	365.7
32.5°	528.9	529.8	512.6	475.9	452.9	448.5	443.5	437.6	432.5	428.7	420.6
35°	574.3	574.6	562.6	535.2	508.7	502.7	499.9	493.0	488.3	483.5	479.4
37.5°	605.7	607.3	598.8	577.7	562.0	553.4	553.2	548.1	542.8	538.6	534.9
40°	666.3	657.6	629.7	616.1	603.2	602.2	599.5	596.7	597.8	595.7	599.8
42.5°	727.4	716.6	677.5	658.4	650.5	652.0	651.1	651.5	655.2	654.2	658.6
45°	779.5	767.3	730.1	707.4	713.8	715.7	721.0	724.1	722.6	728.3	728.3
47.5°	831.9	803.3	759.2	769.6	774.0	788.4	792.2	791.2	796.7	799.1	792.2
50°	795.1	787.5	784.0	815.8	835.7	840.5	845.8	848.6	851.1	847.7	840.7
52.5°	717.3	716.6	765.4	843.3	859.9	866.2	871.3	873.5	872.5	870.6	865.0
55°	691.1	686.0	728.3	814.9	840.5	846.5	853.7	858.0	862.5	861.8	857.4
57.5°	726.7	722.6	723.0	790.0	814.9	820.2	824.9	830.0	831.3	835.3	835.7
60°	830.0	824.6	781.5	789.1	814.2	820.2	820.9	823.7	824.0	826.2	826.6
62.5°	979.1	969.2	903.4	846.7	855.5	858.4	860.6	859.9	858.7	857.2	857.2
65°	1142.1	1133.0	1048.3	982.2	956.7	963.6	952.6	950.4	947.8	947.8	944.9
67.5°	1336.2	1318.9	1253.3	1179.0	1142.1	1145.7	1150.7	1131.4	1124.6	1125.1	1110.3
70°	1534.0	1515.8	1487.1	1486.2	1504.8	1496.6	1473.2	1504.1	1467.7	1458.8	1455.6
72.5°	1424.7	1403.1	1409.0	1586.9	1753.9	1781.0	1806.9	1830.7	1852.1	1865.2	1866.9
73°	1340.9	1299.7	1342.6	1551.7	1737.0	1776.8	1809.1	1834.6	1857.5	1869.2	1876.5
75°	669.7	671.9	882.9	1280.2	1518.0	1552.3	1602.4	1630.4	1672.0	1693.5	1674.5
77.5°	155.2	161.0	267.4	607.6	910.1	959.2	999.2	1040.1	1088.4	1106.3	1090.5
80°	54.8	57.3	94.2	231.0	379.9	407.0	441.2	486.3	531.1	542.0	569.9
82.5°	28.9	31.8	49.8	100.3	162.2	177.3	186.2	204.7	220.5	230.0	235.0
85°	16.7	17.0	28.4	55.4	74.3	80.3	86.0	90.4	95.4	92.0	92.0
87.5°	6.6	7.3	14.6	26.1	35.9	40.1	40.1	40.1	39.6	34.9	31.8
90°	1.3	1.9	2.9	5.4	4.7	4.7	4.4	3.9	3.4	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



REPORT NUMBER: P271629

CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

**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





REPORT NUMBER: P271629

CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

**CANDELA DISTRIBUTION (continued):**

	37°	38°	39°	40°	41°	45°	55°	65°	75°	85°	90°
0°	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9
2.5°	314.4	314.7	314.0	315.3	314.4	314.4	315.9	318.8	321.0	321.6	323.5
5°	305.5	305.9	305.9	306.2	305.9	306.5	309.4	311.8	316.2	318.4	321.3
7.5°	294.3	295.1	294.8	295.5	295.5	296.1	300.6	304.6	308.9	313.1	316.6
10°	280.7	281.3	282.6	281.9	281.9	283.9	288.5	294.6	299.9	305.9	309.9
12.5°	264.6	266.2	265.9	267.2	267.8	269.0	276.9	283.4	290.2	297.0	302.4
15°	252.1	253.0	253.6	254.0	254.0	256.7	264.6	272.7	281.6	289.8	295.5
17.5°	243.8	243.8	244.5	244.8	245.3	247.2	255.5	264.6	274.7	284.8	291.1
20°	239.1	239.1	239.4	239.7	239.7	241.9	249.5	259.9	270.9	283.9	291.4
22.5°	242.8	241.9	241.6	241.6	240.4	240.4	247.7	258.6	272.5	289.2	299.0
25°	268.8	265.9	261.5	260.5	258.9	251.3	250.4	263.0	280.0	300.8	315.7
27.5°	307.4	304.6	301.8	298.2	295.8	281.9	263.0	274.3	294.6	324.1	342.4
30°	358.2	352.5	348.5	344.6	333.6	318.4	289.2	291.9	316.9	356.5	379.5
32.5°	414.8	408.9	402.6	393.7	390.9	366.4	328.9	321.3	345.3	394.4	418.3
35°	469.6	466.8	462.4	458.9	452.4	431.8	380.5	356.5	378.0	438.8	457.3
37.5°	533.3	527.9	528.2	525.4	521.6	504.3	434.2	399.0	413.3	481.3	493.0
40°	595.9	594.7	596.7	591.8	585.5	562.2	473.5	430.3	450.1	522.3	519.4
42.5°	655.2	656.1	654.0	648.6	641.7	602.7	498.6	456.8	483.2	558.2	540.5
45°	723.0	719.5	710.3	700.9	692.3	637.3	512.2	486.3	515.0	596.9	562.0
47.5°	786.8	773.4	765.4	750.9	734.3	668.8	530.4	517.5	550.3	633.5	582.4
50°	833.8	821.2	807.9	790.3	772.7	696.2	554.7	552.9	590.3	674.4	610.5
52.5°	855.3	843.6	830.7	812.7	795.1	715.9	587.1	587.1	637.5	728.5	649.3
55°	851.8	843.3	831.9	815.5	802.0	726.7	620.5	625.0	696.7	787.2	693.9
57.5°	833.4	828.8	822.2	810.8	799.9	734.9	660.0	662.8	776.1	843.6	736.1
60°	827.2	825.4	821.5	814.9	806.4	752.9	701.8	708.1	865.0	895.3	760.1
62.5°	855.3	851.4	848.6	842.0	834.2	797.0	754.5	756.4	948.5	901.4	736.8
65°	934.0	927.1	922.3	913.5	904.6	863.5	821.5	801.1	989.4	842.6	657.6
67.5°	1099.1	1087.7	1074.1	1057.5	1033.2	996.0	888.0	807.4	952.2	713.8	518.8
70°	1425.4	1400.7	1369.6	1334.1	1324.9	1216.6	929.6	760.8	791.6	498.6	344.1
72.5°	1863.8	1838.3	1810.6	1781.2	1723.4	1485.2	911.3	613.6	492.3	256.4	163.9
73°	1871.1	1853.7	1820.3	1786.4	1739.1	1480.5	891.5	565.8	434.2	201.8	134.2
75°	1678.0	1671.0	1638.3	1572.8	1532.8	1250.5	656.4	327.9	189.9	124.8	87.2
77.5°	1088.9	1081.4	1062.9	1056.5	982.7	810.8	293.8	127.6	103.3	82.8	61.7
80°	580.2	544.9	538.6	513.4	459.7	312.3	100.5	78.2	68.7	55.4	43.2
82.5°	235.3	220.2	214.5	194.3	182.6	93.5	50.5	54.2	46.0	32.8	26.5
85°	86.7	79.7	77.8	63.3	55.8	27.7	30.9	38.1	28.7	18.2	13.3
87.5°	29.9	25.8	22.4	17.3	16.1	11.4	17.0	20.8	18.2	11.0	6.3
90°	2.2	1.9	1.5	1.3	1.5	1.3	1.9	2.9	3.1	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: P271629

CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

**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: P271629

CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

**CANDELA DISTRIBUTION (continued):**

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9	322.9
2.5°	324.1	325.4	327.9	329.8	331.4	333.6	334.2	335.4	333.9	335.8
5°	322.9	326.6	331.4	335.8	339.9	343.3	344.9	345.3	345.6	346.8
7.5°	319.8	325.4	332.9	338.9	345.3	347.5	348.5	348.7	346.5	347.5
10°	313.4	322.5	332.0	339.3	342.4	340.9	338.3	334.2	332.4	332.4
12.5°	306.5	318.2	329.2	333.3	330.5	324.5	317.6	309.9	307.1	307.1
15°	300.8	315.7	324.7	322.0	313.8	302.4	292.9	285.1	282.6	281.6
17.5°	297.7	314.4	317.8	308.9	295.1	281.0	271.6	264.9	262.8	262.8
20°	300.2	315.7	309.9	293.6	276.3	263.3	255.2	250.8	248.5	249.5
22.5°	310.9	320.3	303.0	278.5	257.4	246.3	242.5	239.7	239.4	240.0
25°	328.9	326.6	297.0	262.8	239.7	231.9	231.5	230.5	230.2	230.0
27.5°	352.1	334.5	289.8	245.1	222.2	218.3	220.2	219.8	219.5	219.8
30°	383.0	341.4	279.1	225.8	205.4	205.4	208.1	207.3	206.0	206.3
32.5°	411.7	346.5	262.8	204.5	192.1	192.8	193.8	191.2	188.0	188.6
35°	436.3	346.5	240.7	185.2	178.7	178.7	179.2	177.1	174.5	173.6
37.5°	456.8	339.6	213.0	170.8	167.5	167.5	170.0	167.9	163.1	162.2
40°	469.1	324.5	187.5	160.0	162.2	162.5	159.1	155.2	150.8	149.9
42.5°	476.9	302.4	167.3	152.4	158.8	156.2	148.0	142.0	141.8	143.0
45°	483.8	277.5	151.3	144.9	155.0	149.6	138.6	132.9	134.8	136.0
47.5°	490.7	252.6	138.2	136.5	148.0	144.3	132.6	126.3	125.3	127.3
50°	507.1	218.0	123.4	126.3	139.6	138.2	127.3	120.0	114.1	113.7
52.5°	529.2	171.7	110.9	117.5	132.9	134.8	121.3	114.4	106.2	104.9
55°	553.7	131.7	100.5	110.6	126.6	129.7	119.0	108.7	99.8	98.6
57.5°	561.0	103.9	90.7	100.8	118.1	125.0	115.6	102.0	95.4	94.2
60°	536.1	86.2	82.6	92.6	109.6	120.4	110.2	97.1	91.1	90.1
62.5°	460.2	76.3	78.2	87.2	103.3	115.9	106.2	93.2	88.6	87.9
65°	351.2	69.3	74.3	82.8	97.6	111.7	103.3	91.6	87.9	87.2
67.5°	220.5	64.3	70.6	78.2	92.0	107.3	101.1	89.8	87.0	86.0
70°	122.2	58.9	65.6	72.8	86.2	103.3	98.3	87.0	86.7	84.7
72.5°	74.3	53.2	60.2	67.1	79.9	98.3	93.2	83.5	80.3	76.5
73°	70.9	52.6	58.9	65.8	78.4	97.1	92.3	82.3	79.1	75.3
75°	57.3	47.3	53.9	59.8	72.8	92.0	87.0	77.8	72.8	69.9
77.5°	42.2	40.3	46.6	52.3	65.6	85.1	79.4	71.1	65.1	63.6
80°	31.2	33.3	39.3	44.5	57.6	78.2	71.5	63.6	59.8	58.0
82.5°	21.1	25.8	31.5	35.7	51.0	70.6	63.3	55.8	58.3	48.5
85°	12.3	18.0	22.6	27.7	41.0	63.0	55.2	47.6	41.6	37.5
87.5°	8.2	10.2	13.8	19.0	29.6	49.5	43.7	37.2	27.1	27.1
90°	1.0	1.3	1.9	2.2	4.1	21.1	14.6	17.3	3.1	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: P271629  
 CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-7027

**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)