

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: P226586

Luminaire Tested: **IST-AF-350-LED-E1-T4FT-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P226586
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-8030
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-TYPE IV FORWARD THROW
Light Source: (16) 3000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2064.9 lumens
Efficiency: N/A
Efficacy: 102.8 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

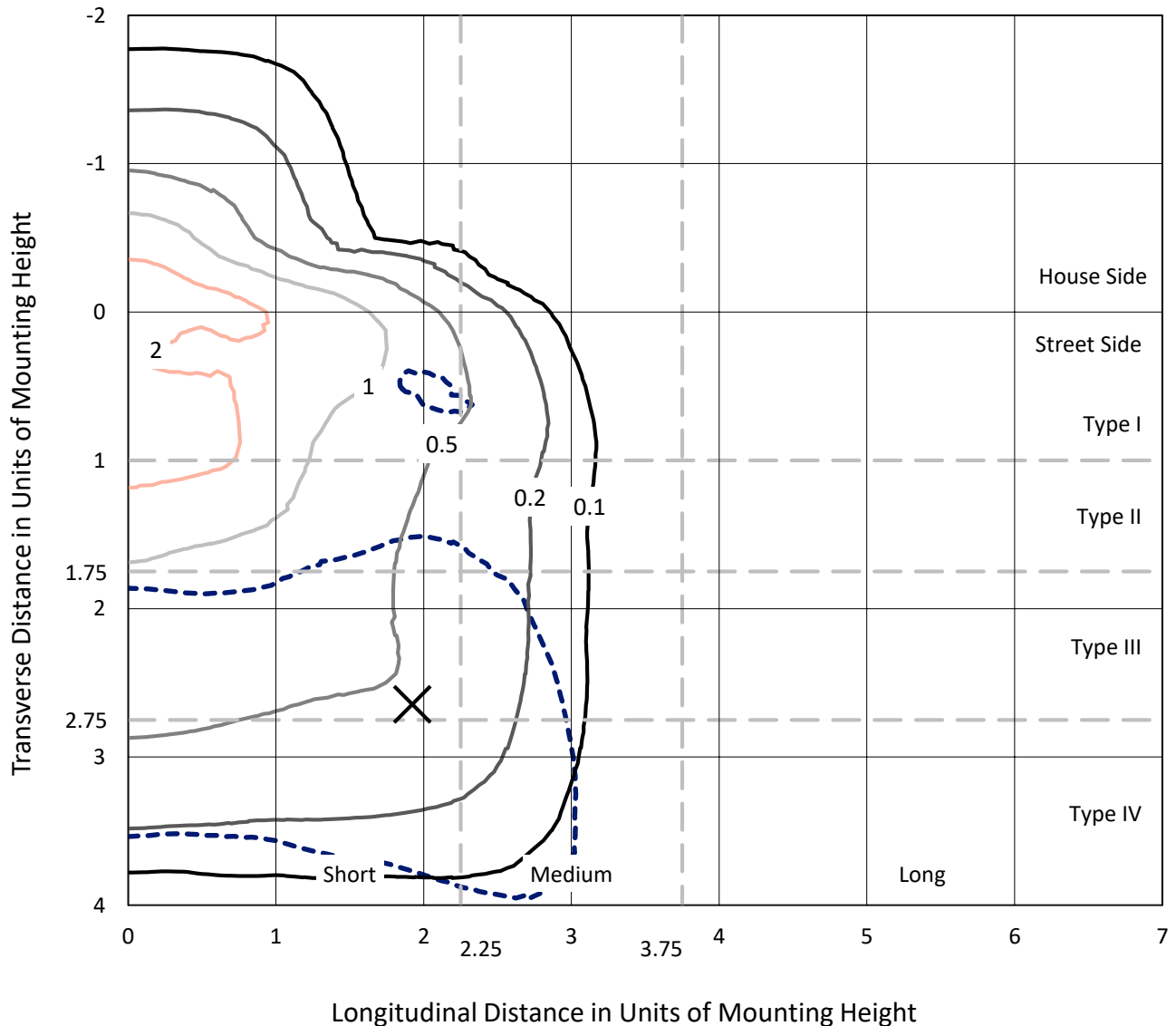
Input Watts (W): 20.09
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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 CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-8030

Iso-Footcandle Lines of Horizontal Illumination

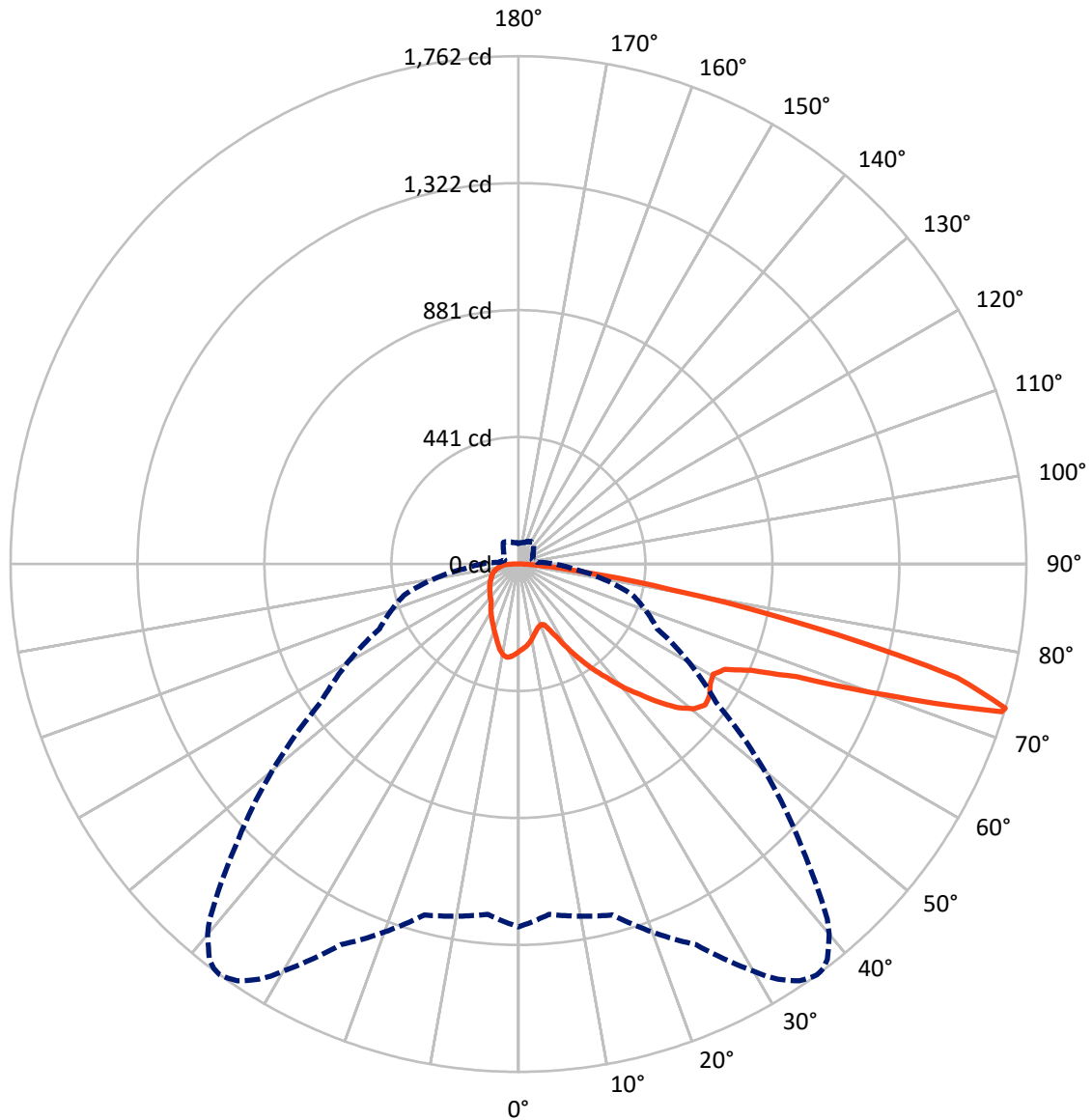
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 3.2 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
House Side	Lumens	435.4	0.5	435.9
	% Fixture	21.1	0.0	21.1
Street Side	Lumens	1628.8	0.2	1629.0
	% Fixture	78.9	0.0	78.9
Total	Lumens	2064.2	0.6	2064.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.5	1.4
10°-20°	75.6	3.7
20°-30°	124.0	6.0
30°-40°	205.4	9.9
40°-50°	301.8	14.6
50°-60°	380.6	18.4
60°-70°	498.4	24.1
70°-80°	403.4	19.5
80°-90°	46.4	2.2
90°-100°	0.6	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°	2064.2	100.0
0°-180°	2064.9	100.0



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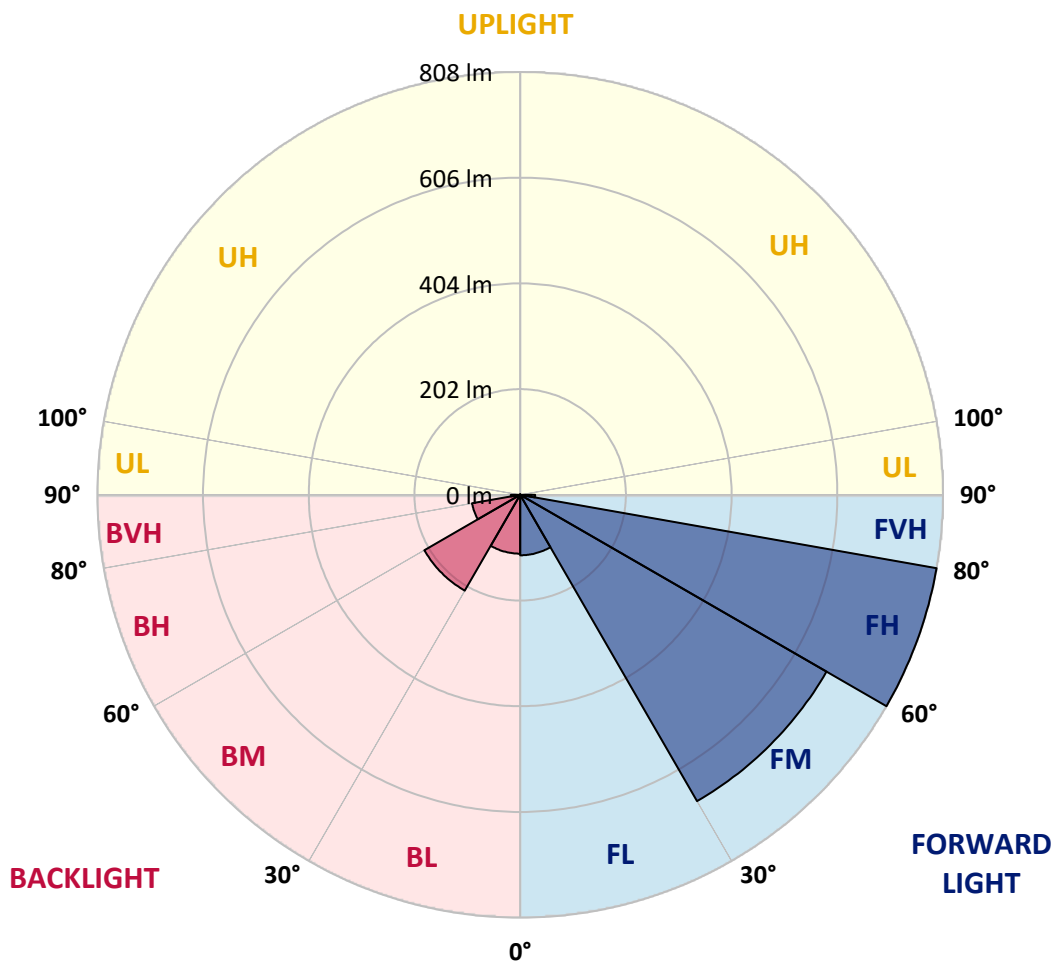
CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-8030

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	115.6	5.6			
FM	(30°-60°)	676.2	32.7			
FH	(60°-80°)	808.4	39.2			G1/1800
FVH	(80°-90°)	28.6	1.4			G1/100
BL	(0°-30°)	112.6	5.5	B1/500		
BM	(30°-60°)	211.6	10.2	B0/220		
BH	(60°-80°)	93.4	4.5	B0/110		G0/110
BVH	(80°-90°)	17.8	0.9			G1/100
UL	(90°-100°)	0.6	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°	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2
2.5°	292.3	292.9	293.5	293.5	293.5	294.4	294.1	294.1	294.4	294.7	294.7
5°	281.4	281.7	283.4	284.0	285.8	285.5	285.5	285.5	286.7	285.8	286.4
7.5°	268.9	269.5	271.3	273.4	274.8	275.1	274.8	274.3	275.7	276.3	275.7
10°	254.1	254.4	256.8	258.6	260.9	260.6	261.5	261.5	262.1	261.8	263.0
12.5°	246.7	246.1	245.0	245.9	246.4	246.4	246.4	247.3	247.0	247.6	248.5
15°	245.9	244.4	238.5	236.4	235.8	235.8	235.5	235.2	236.1	237.0	237.0
17.5°	250.0	247.0	235.5	229.6	228.4	227.8	228.1	227.5	227.5	228.7	228.4
20°	270.1	264.8	241.7	228.7	225.1	225.1	224.8	224.0	224.0	224.3	224.3
22.5°	321.3	314.5	274.3	247.3	234.9	234.6	233.7	232.8	230.5	229.9	228.7
25°	392.6	384.6	315.7	286.7	269.2	268.6	264.2	263.6	258.0	258.3	254.4
27.5°	447.9	442.6	371.0	332.5	316.0	312.4	310.3	305.0	300.3	296.4	291.7
30°	466.9	466.0	426.9	395.9	371.0	366.9	361.2	358.9	352.1	346.7	343.5
32.5°	496.7	497.6	481.4	447.0	425.4	421.3	416.6	410.9	406.2	402.7	395.0
35°	539.3	539.6	528.4	502.7	477.8	472.2	469.5	463.0	458.6	454.1	450.3
37.5°	568.9	570.4	562.4	542.6	527.8	519.8	519.5	514.8	509.8	505.9	502.4
40°	625.7	617.7	591.4	578.7	566.6	565.7	563.0	560.3	561.5	559.5	563.3
42.5°	683.1	673.1	636.4	618.3	610.9	612.4	611.5	611.8	615.4	614.5	618.6
45°	732.2	720.7	685.8	664.5	670.4	672.2	677.2	680.2	678.7	684.0	684.0
47.5°	781.3	754.4	713.0	722.8	726.9	740.5	744.1	743.2	748.2	750.6	744.1
50°	746.7	739.6	736.4	766.3	784.9	789.3	794.4	797.0	799.4	796.1	789.6
52.5°	673.7	673.1	718.9	792.0	807.7	813.6	818.3	820.4	819.5	817.7	812.4
55°	649.1	644.4	684.0	765.4	789.3	795.0	801.8	805.9	810.0	809.5	805.3
57.5°	682.5	678.7	679.0	742.0	765.4	770.4	774.8	779.6	780.8	784.6	784.9
60°	779.6	774.5	734.0	741.1	764.8	770.4	771.0	773.7	773.9	776.0	776.3
62.5°	919.5	910.3	848.5	795.3	803.5	806.2	808.3	807.7	806.5	805.0	805.0
65°	1072.8	1064.2	984.6	922.5	898.5	905.0	894.7	892.6	890.2	890.2	887.6
67.5°	1255.0	1238.7	1177.2	1107.4	1072.8	1076.0	1080.7	1062.7	1056.2	1056.8	1042.9
70°	1440.8	1423.6	1396.7	1395.8	1413.3	1405.6	1383.7	1412.7	1378.4	1370.1	1367.1
72.5°	1338.1	1317.7	1323.3	1490.5	1647.3	1672.7	1697.0	1719.5	1739.6	1751.7	1753.5
73°	1259.4	1220.7	1260.9	1457.4	1631.3	1668.9	1699.1	1723.0	1744.6	1755.6	1762.4
75°	629.0	631.1	829.3	1202.3	1425.7	1458.0	1505.0	1531.3	1570.4	1590.5	1572.8
77.5°	145.9	151.2	251.2	570.7	854.7	900.9	938.4	976.9	1022.2	1039.0	1024.2
80°	51.5	53.8	88.5	216.9	356.8	382.2	414.5	456.8	498.8	509.2	535.2
82.5°	27.2	29.9	46.7	94.1	152.4	166.6	174.8	192.3	207.1	216.0	220.7
85°	15.7	16.0	26.6	52.1	69.8	75.4	80.8	84.9	89.6	86.4	86.4
87.5°	6.2	6.8	13.6	24.6	33.7	37.6	37.6	37.6	37.3	32.8	29.9
90°	1.2	1.8	2.7	5.0	4.4	4.4	4.1	3.6	3.3	3.6	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



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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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CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-8030

CANDELA DISTRIBUTION (continued):

	37°	38°	39°	40°	41°	45°	55°	65°	75°	85°	90°
0°	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2
2.5°	295.3	295.6	295.0	296.1	295.3	295.3	296.7	299.4	301.5	302.1	303.8
5°	287.0	287.3	287.3	287.6	287.3	287.9	290.5	292.9	297.0	299.1	301.8
7.5°	276.3	277.2	276.9	277.5	277.5	278.1	282.2	286.1	290.2	294.1	297.3
10°	263.6	264.2	265.4	264.8	264.8	266.6	271.0	276.6	281.7	287.3	291.1
12.5°	248.5	250.0	249.7	250.9	251.5	252.7	260.1	266.3	272.5	279.0	284.0
15°	236.7	237.6	238.2	238.5	238.5	241.1	248.5	256.2	264.5	272.2	277.5
17.5°	229.0	229.0	229.6	229.9	230.5	232.2	239.9	248.5	258.0	267.5	273.4
20°	224.6	224.6	224.8	225.1	225.1	227.2	234.3	244.1	254.4	266.6	273.7
22.5°	228.1	227.2	226.9	226.9	225.7	225.7	232.5	242.9	255.9	271.6	280.8
25°	252.4	249.7	245.6	244.7	243.2	236.1	235.2	247.0	263.0	282.5	296.4
27.5°	288.8	286.1	283.4	280.2	277.8	264.8	247.0	257.7	276.6	304.4	321.6
30°	336.4	331.1	327.2	323.7	313.3	299.1	271.6	274.3	297.6	334.9	356.5
32.5°	389.6	384.0	378.1	369.8	367.2	344.1	308.9	301.8	324.3	370.4	392.9
35°	441.1	438.5	434.3	431.1	424.8	405.6	357.4	334.9	355.0	412.1	429.6
37.5°	500.9	495.8	496.1	493.5	489.9	473.7	407.7	374.8	388.2	452.1	463.0
40°	559.8	558.6	560.3	555.9	550.0	528.1	444.7	404.1	422.8	490.5	487.9
42.5°	615.4	616.3	614.2	609.2	602.7	566.0	468.3	429.0	453.8	524.3	507.7
45°	679.0	675.7	667.1	658.3	650.3	598.5	481.1	456.8	483.7	560.6	527.8
47.5°	739.0	726.3	718.9	705.3	689.6	628.1	498.2	486.1	516.9	595.0	547.0
50°	783.1	771.3	758.9	742.3	725.7	653.8	521.0	519.2	554.4	633.4	573.4
52.5°	803.2	792.3	780.2	763.3	746.7	672.5	551.5	551.5	598.8	684.3	609.8
55°	800.0	792.0	781.3	766.0	753.2	682.5	582.8	587.0	654.4	739.3	651.8
57.5°	782.8	778.4	772.2	761.5	751.2	690.2	619.8	622.5	729.0	792.3	691.4
60°	776.9	775.1	771.6	765.4	757.4	707.1	659.2	665.1	812.4	840.8	713.9
62.5°	803.2	799.7	797.0	790.8	783.4	748.5	708.6	710.3	890.8	846.7	692.0
65°	877.2	870.7	866.3	858.0	849.7	810.9	771.6	752.4	929.3	791.4	617.7
67.5°	1032.2	1021.6	1008.9	993.2	970.4	935.5	834.0	758.3	894.4	670.4	487.3
70°	1338.7	1315.7	1286.4	1252.9	1244.4	1142.6	873.1	714.5	743.5	468.3	323.1
72.5°	1750.6	1726.6	1700.6	1673.0	1618.6	1394.9	855.9	576.3	462.4	240.8	153.8
73°	1757.4	1741.1	1709.7	1677.8	1633.4	1390.5	837.3	531.4	407.7	189.6	126.0
75°	1576.0	1569.5	1538.7	1477.2	1439.6	1174.5	616.6	308.0	178.4	117.2	82.0
77.5°	1022.8	1015.7	998.2	992.3	923.1	761.5	276.0	119.8	97.0	77.8	58.0
80°	545.0	511.8	505.9	482.2	431.6	293.2	94.4	73.4	64.5	52.1	40.5
82.5°	221.0	206.8	201.5	182.5	171.6	87.9	47.3	50.9	43.2	30.8	24.9
85°	81.4	74.9	73.1	59.5	52.4	26.0	29.0	35.8	26.9	17.2	12.4
87.5°	28.1	24.3	21.0	16.3	15.1	10.7	16.0	19.5	17.2	10.4	5.9
90°	2.1	1.8	1.5	1.2	1.5	1.2	1.8	2.7	3.0	1.8	1.2
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: P226586

CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-8030

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: P226586

CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-8030

CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2	303.2
2.5°	304.4	305.6	308.0	309.8	311.2	313.3	313.9	315.1	313.6	315.4
5°	303.2	306.8	311.2	315.4	319.2	322.5	324.0	324.3	324.6	325.7
7.5°	300.3	305.6	312.7	318.3	324.3	326.3	327.2	327.5	325.4	326.3
10°	294.4	303.0	311.8	318.6	321.6	320.1	317.7	313.9	312.1	312.1
12.5°	287.9	298.8	309.2	313.0	310.3	304.7	298.2	291.1	288.5	288.5
15°	282.5	296.4	305.0	302.4	294.7	284.0	275.1	267.7	265.4	264.5
17.5°	279.6	295.3	298.5	290.2	277.2	263.9	255.0	248.8	246.7	246.7
20°	281.9	296.4	291.1	275.7	259.5	247.3	239.6	235.5	233.4	234.3
22.5°	292.0	300.9	284.6	261.5	241.7	231.4	227.8	225.1	224.8	225.4
25°	308.9	306.8	279.0	246.7	225.1	217.7	217.5	216.6	216.3	216.0
27.5°	330.8	314.2	272.2	230.2	208.6	205.0	206.8	206.5	206.2	206.5
30°	359.8	320.7	262.1	212.1	192.9	192.9	195.6	194.7	193.5	193.8
32.5°	386.7	325.4	246.7	192.0	180.5	181.1	181.9	179.6	176.6	177.2
35°	409.8	325.4	226.0	174.0	167.7	167.7	168.3	166.3	163.9	163.0
37.5°	429.0	318.9	200.0	160.4	157.4	157.4	159.8	157.7	153.3	152.4
40°	440.5	304.7	176.0	150.3	152.4	152.7	149.4	145.9	141.7	140.8
42.5°	447.9	284.0	157.1	143.2	149.1	146.7	139.1	133.4	133.1	134.3
45°	454.4	260.6	142.0	136.1	145.6	140.5	130.2	124.8	126.6	127.8
47.5°	460.9	237.3	129.9	128.1	139.1	135.5	124.6	118.6	117.7	119.5
50°	476.3	204.7	116.0	118.6	131.1	129.9	119.5	112.7	107.1	106.8
52.5°	497.0	161.2	104.1	110.4	124.8	126.6	113.9	107.4	99.7	98.5
55°	520.1	123.7	94.4	103.8	118.9	121.9	111.8	102.1	93.8	92.6
57.5°	526.9	97.6	85.2	94.7	110.9	117.5	108.6	95.9	89.6	88.5
60°	503.5	81.1	77.5	87.0	103.0	113.0	103.5	91.1	85.5	84.6
62.5°	432.2	71.6	73.4	82.0	97.0	108.9	99.7	87.6	83.1	82.5
65°	329.9	65.1	69.8	77.8	91.7	105.0	97.0	86.1	82.5	82.0
67.5°	207.1	60.4	66.3	73.4	86.4	100.9	95.0	84.3	81.7	80.8
70°	114.8	55.3	61.5	68.3	81.1	97.0	92.3	81.7	81.4	79.6
72.5°	69.8	50.0	56.5	63.0	75.1	92.3	87.6	78.4	75.4	71.9
73°	66.6	49.4	55.3	61.8	73.7	91.1	86.7	77.2	74.3	70.7
75°	53.8	44.4	50.6	56.2	68.3	86.4	81.7	73.1	68.3	65.7
77.5°	39.6	37.9	43.8	49.1	61.5	79.9	74.6	66.9	61.2	59.8
80°	29.3	31.4	37.0	41.7	54.1	73.4	67.2	59.8	56.2	54.4
82.5°	19.8	24.3	29.6	33.4	47.9	66.3	59.5	52.4	54.7	45.6
85°	11.5	16.9	21.3	26.0	38.5	59.2	51.8	44.7	39.1	35.2
87.5°	7.7	9.5	13.0	17.8	27.8	46.4	41.1	34.9	25.4	25.4
90°	0.9	1.2	1.8	2.1	3.8	19.8	13.6	16.3	3.0	2.7
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: P226586
 CATALOG NUMBER: IST-AF-350-LED-E1-T4FT-8030

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)