

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: P227517

Luminaire Tested: **IST-AF-350-LED-E1-RW-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P227517
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-7050
Description: IMPACT ELITE LED TRAPEZOID LUMINAIRE
LIGHT SQUARE WITH ACCULED OPTICS-RECTANGULAR WIDE TYPE I
Light Source: (16) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2464.8 lumens
Efficiency: N/A
Efficacy: 122.7 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

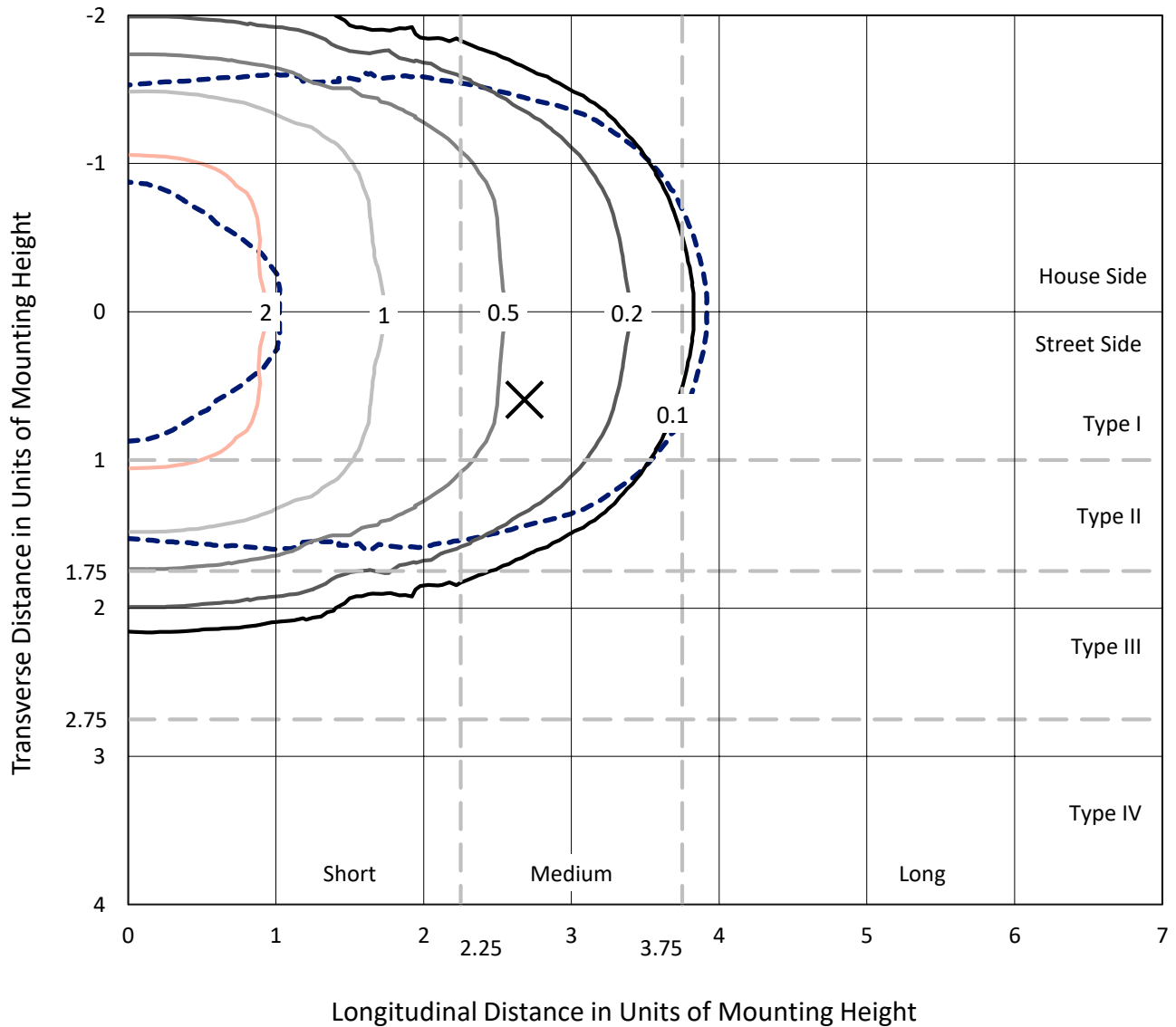
Input Watts (W): 20.09
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

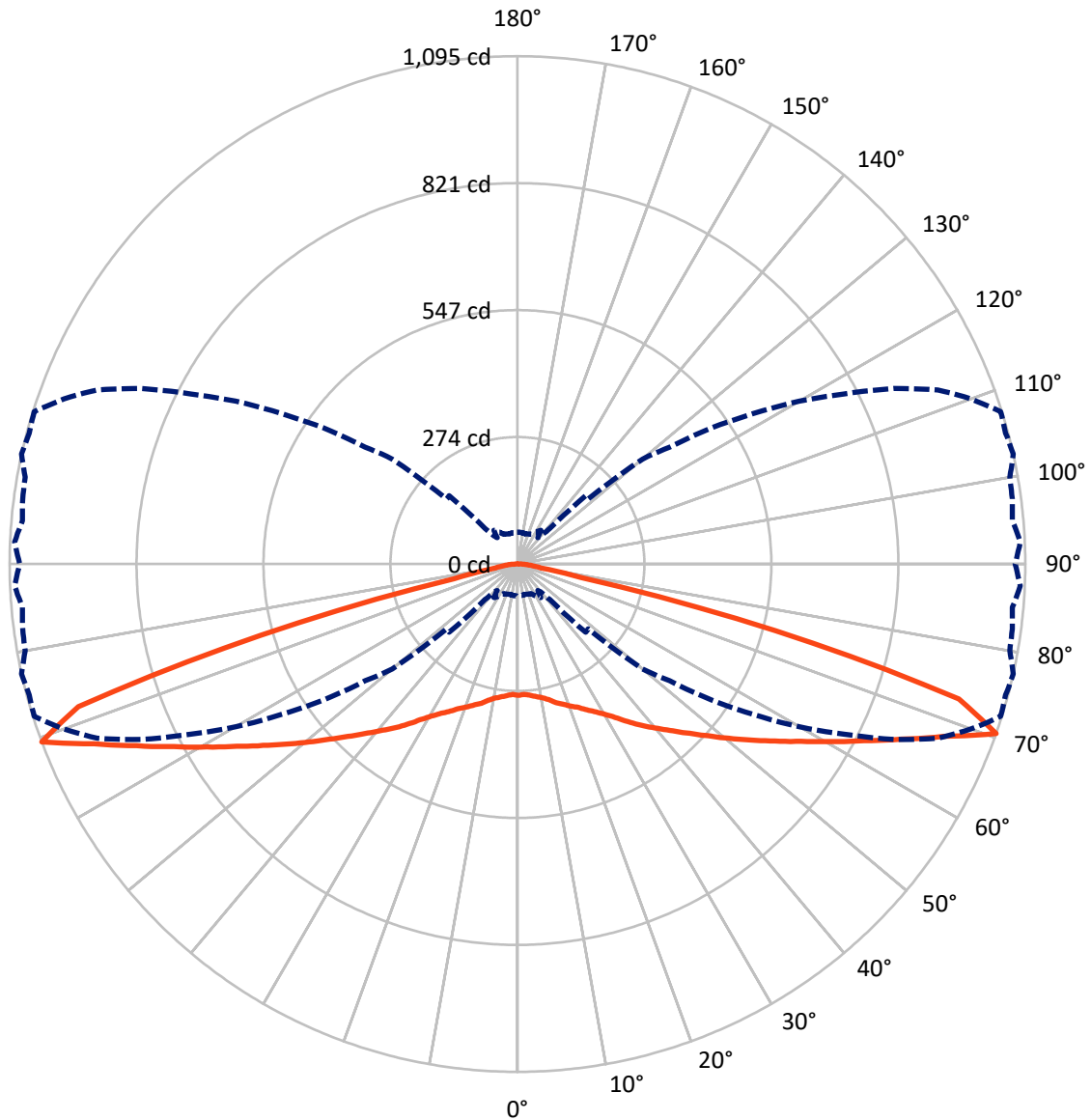
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.9 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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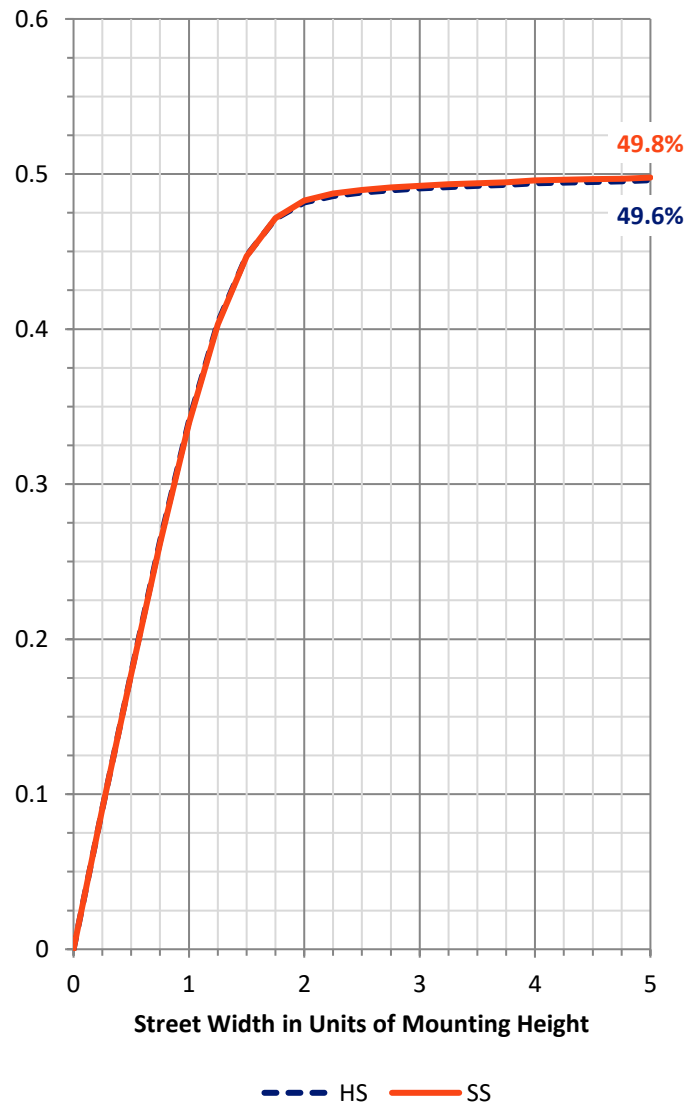
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1232.2	0.2	1232.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	1232.2	0.2	1232.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	2464.4	0.4	2464.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	1.1
10°-20°	85.6	3.5
20°-30°	160.6	6.5
30°-40°	280.7	11.4
40°-50°	457.6	18.6
50°-60°	626.2	25.4
60°-70°	576.1	23.4
70°-80°	225.2	9.1
80°-90°	25.1	1.0
90°-100°	0.4	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°	2464.4	100.0
0°-180°	2464.8	100.0

Coefficient of Utilization



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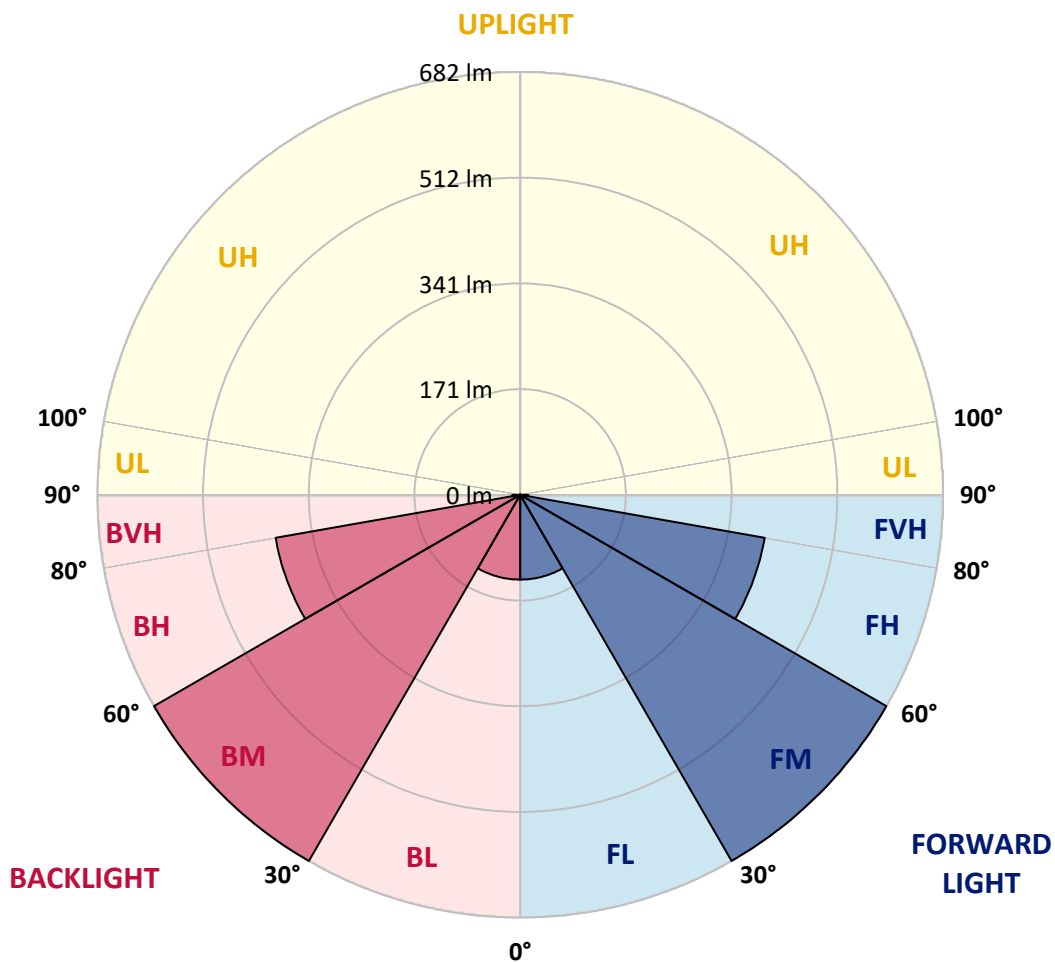
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	136.8	5.5			
FM	(30°-60°)	682.3	27.7			
FH	(60°-80°)	400.6	16.3			G0/660
FVH	(80°-90°)	12.5	0.5			G1/100
BL	(0°-30°)	136.8	5.5	B1/500		
BM	(30°-60°)	682.3	27.7	B1/1000		
BH	(60°-80°)	400.6	16.3	B1/500		G1/500
BVH	(80°-90°)	12.5	0.5			G1/100
UL	(90°-100°)	0.4	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°	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1
2.5°	282.1	281.7	281.7	282.1	282.8	283.1	282.4	282.8	282.8	282.4	283.5
5°	282.8	282.4	282.8	283.5	284.6	285.7	285.3	285.3	285.7	285.0	286.8
7.5°	282.1	281.7	282.4	284.2	286.8	288.2	288.2	288.2	288.9	288.6	290.8
10°	278.8	278.4	280.2	283.5	288.2	289.3	290.4	290.8	292.9	292.9	295.1
12.5°	275.9	276.3	278.8	283.9	291.5	291.8	293.3	294.7	297.6	296.2	300.2
15°	277.0	277.7	281.0	287.1	297.3	296.9	298.0	299.5	304.2	300.9	307.4
17.5°	282.4	283.5	287.1	294.4	304.9	303.1	304.5	306.7	312.9	308.9	316.5
20°	291.1	292.6	296.6	304.5	314.3	312.5	314.0	316.5	323.8	319.8	327.4
22.5°	302.7	304.2	308.5	317.6	328.1	325.9	327.4	329.6	337.5	331.4	340.8
25°	318.3	319.8	324.5	333.9	345.9	343.3	344.1	345.5	353.8	346.6	355.7
27.5°	340.1	341.5	345.5	354.6	366.2	364.0	364.7	366.2	374.9	367.6	375.6
30°	367.6	369.1	372.7	381.8	391.5	389.0	390.1	391.2	399.2	391.9	398.4
32.5°	400.2	399.9	405.3	414.7	423.5	418.7	418.7	418.7	426.4	419.1	424.2
35°	438.7	438.7	444.1	453.2	461.2	455.7	453.2	451.7	460.1	451.0	454.6
37.5°	480.7	478.9	487.3	495.6	503.2	496.3	494.1	492.3	498.5	488.3	490.2
40°	525.3	523.9	532.9	542.4	547.4	538.4	536.6	534.4	540.9	531.1	530.8
42.5°	565.9	564.8	576.4	587.3	593.5	581.9	579.3	577.2	584.4	574.6	572.5
45°	600.4	600.0	613.4	628.3	639.2	626.8	625.0	621.4	628.6	616.7	615.6
47.5°	627.2	625.7	642.1	663.8	681.2	668.5	668.2	665.6	673.2	660.2	658.7
50°	645.3	646.4	664.2	689.6	717.8	705.9	707.0	705.9	717.1	704.1	705.9
52.5°	648.6	650.8	673.6	707.0	746.5	732.0	740.3	743.6	757.7	746.5	750.1
55°	609.8	616.0	650.8	708.8	764.2	755.2	765.7	775.1	795.1	785.6	792.2
57.5°	523.1	535.8	576.1	660.2	762.1	767.1	788.5	803.0	827.3	819.0	834.2
60°	404.2	412.9	457.5	555.8	692.5	699.3	738.1	784.2	840.0	851.6	875.5
62.5°	264.7	269.7	313.2	412.9	572.5	574.6	622.8	682.7	779.5	804.8	871.9
65°	131.2	138.1	161.3	237.8	401.0	398.1	451.0	521.0	646.4	674.3	783.5
67.5°	81.9	83.0	87.7	110.2	200.8	178.4	221.9	295.1	447.0	472.0	610.5
70°	68.9	68.5	67.4	70.7	88.5	71.8	79.4	103.7	208.1	207.0	352.0
72.5°	63.4	62.4	59.5	59.1	61.6	56.6	57.3	58.7	83.4	70.0	135.6
75°	58.4	56.2	52.6	51.5	51.5	47.5	47.5	47.9	54.0	50.8	61.6
77.5°	52.2	49.7	46.0	44.6	43.1	38.8	38.4	38.8	43.5	40.6	46.0
80°	45.0	42.4	39.9	37.7	35.5	31.5	30.5	30.5	34.4	31.5	35.9
82.5°	39.2	35.9	35.2	31.5	28.3	24.7	23.6	21.8	25.4	22.1	26.8
85°	29.0	26.5	33.4	27.9	22.5	19.9	16.0	13.4	16.0	13.1	17.0
87.5°	16.7	15.6	29.4	22.1	19.9	21.4	13.1	9.4	9.1	8.0	9.4
90°	3.3	3.6	4.7	3.3	4.4	2.2	1.1	1.1	2.2	1.5	2.5
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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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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CATALOG NUMBER: IST-AF-350-LED-E1-RW-7050

CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1	283.1
2.5°	282.4	283.5	282.1	283.5	281.0	283.1	281.3	283.5	281.7	283.5	281.3
5°	284.2	287.1	283.9	287.9	283.1	287.9	283.9	288.2	284.6	288.2	284.2
7.5°	287.1	292.2	287.9	292.9	287.1	293.7	288.2	294.4	288.9	294.7	288.6
10°	290.8	297.3	291.5	298.0	291.1	298.7	291.8	299.8	292.6	300.5	292.9
12.5°	294.0	302.4	295.8	304.5	296.9	306.0	298.0	308.2	299.5	310.0	300.2
15°	300.2	311.1	302.7	313.2	304.5	315.0	306.3	318.0	308.2	320.1	310.0
17.5°	308.2	320.1	311.4	321.9	312.5	324.1	314.7	326.3	316.5	328.8	317.6
20°	319.0	331.0	321.9	332.1	323.0	333.5	324.1	334.6	326.3	336.8	327.0
22.5°	331.4	342.6	332.8	343.0	332.8	342.6	333.5	343.0	334.6	344.4	335.7
25°	346.2	356.7	347.0	355.7	345.5	354.2	345.5	354.2	346.6	354.9	348.4
27.5°	366.9	374.9	364.7	372.3	361.5	369.1	360.0	367.6	360.4	367.6	361.1
30°	390.1	397.3	385.7	391.9	379.9	385.7	376.0	382.5	374.9	381.8	376.7
32.5°	415.5	421.3	409.7	414.7	402.4	407.5	397.0	401.3	394.8	399.2	395.9
35°	443.8	449.6	437.6	442.3	430.0	434.3	423.8	426.0	419.5	422.4	419.5
37.5°	477.5	482.5	468.8	473.1	459.7	465.1	452.5	454.6	446.7	448.5	442.7
40°	513.7	519.2	502.8	507.2	490.5	496.7	482.5	484.0	473.1	474.9	465.9
42.5°	552.9	558.0	537.7	541.3	521.7	528.2	511.5	514.4	501.4	503.2	491.6
45°	596.0	598.9	576.4	579.0	555.4	561.9	540.9	546.4	530.8	534.4	521.0
47.5°	636.3	642.1	617.4	619.6	594.2	598.2	573.9	581.2	564.5	569.9	553.6
50°	682.3	686.7	663.1	663.5	638.8	640.3	613.1	620.3	602.2	608.0	590.6
52.5°	729.4	732.3	707.0	709.5	685.2	687.7	660.6	663.5	642.4	647.5	630.5
55°	775.1	775.8	754.8	754.1	731.2	736.0	705.9	712.4	687.4	692.8	673.6
57.5°	820.8	823.3	803.8	804.5	781.6	784.9	757.7	762.4	738.9	745.4	721.5
60°	869.0	877.0	857.8	860.3	838.6	845.1	812.1	818.3	792.5	803.0	777.3
62.5°	899.8	929.6	925.9	929.9	909.3	912.5	878.4	888.2	857.4	865.0	838.6
65°	841.1	914.0	951.0	991.6	992.6	1003.2	970.2	973.8	943.0	941.2	910.0
67.5°	685.6	775.5	837.8	921.2	979.6	1035.8	1056.1	1061.2	1044.5	1026.7	991.6
70°	413.7	511.9	603.6	701.9	794.0	895.1	981.0	1040.5	1092.3	1089.8	1094.9
72.5°	163.5	245.1	306.3	398.4	489.8	601.8	696.8	780.6	869.7	924.5	995.5
75°	64.5	85.2	99.7	151.2	194.7	278.1	361.8	407.1	477.1	525.0	574.3
77.5°	46.4	50.8	51.5	59.8	63.1	87.4	102.2	117.8	132.7	142.1	140.3
80°	35.9	38.8	38.8	42.4	42.1	46.8	45.7	50.0	49.7	53.3	50.8
82.5°	26.8	28.6	28.6	31.5	31.5	34.4	33.7	36.6	35.5	38.1	35.5
85°	17.4	19.2	19.2	20.7	19.9	22.8	22.5	24.7	23.6	24.7	22.8
87.5°	9.8	10.9	11.2	12.3	11.2	13.4	13.1	14.1	13.1	14.1	13.4
90°	1.5	2.2	1.5	2.2	1.1	3.3	1.8	3.6	1.1	4.4	1.8
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



REPORT NUMBER: P227517

CATALOG NUMBER: IST-AF-350-LED-E1-RW-7050

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: P227517

CATALOG NUMBER: IST-AF-350-LED-E1-RW-7050

CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
0°	283.1	283.1	283.1	283.1	283.1
2.5°	283.1	282.4	283.9	281.7	283.5
5°	288.2	285.0	288.9	285.0	288.6
7.5°	295.1	289.7	295.5	289.7	295.5
10°	301.6	292.6	302.0	293.3	302.4
12.5°	311.4	300.5	312.9	300.9	312.9
15°	322.3	310.0	323.8	310.3	324.5
17.5°	331.0	319.0	332.5	319.0	332.8
20°	338.3	328.8	340.1	328.8	341.2
22.5°	346.6	339.7	348.8	339.7	350.9
25°	357.5	352.8	360.0	353.5	361.5
27.5°	370.2	366.9	372.7	368.0	374.1
30°	385.0	383.9	386.8	384.7	388.3
32.5°	401.7	404.2	404.2	404.2	405.7
35°	426.0	428.2	428.2	428.9	429.3
37.5°	449.2	452.8	452.5	453.5	453.5
40°	473.5	478.2	478.2	478.2	478.9
42.5°	500.3	505.4	506.1	503.9	505.4
45°	530.4	532.2	534.0	532.9	535.5
47.5°	562.7	564.5	565.9	564.5	568.5
50°	600.7	600.4	604.4	600.4	606.2
52.5°	640.6	643.9	646.4	642.4	646.4
55°	685.6	684.5	692.8	687.4	692.8
57.5°	734.9	734.9	743.2	738.1	744.3
60°	793.2	788.5	800.1	791.8	800.1
62.5°	852.3	844.0	857.1	849.8	860.7
65°	920.5	908.5	920.9	911.4	921.2
67.5°	989.4	975.6	979.6	974.9	980.3
70°	1077.8	1076.0	1071.3	1085.1	1073.1
72.5°	984.3	1005.3	988.3	1021.3	998.8
75°	604.7	643.5	664.9	698.6	693.2
77.5°	143.2	127.3	140.3	125.8	141.8
80°	52.9	48.2	50.4	43.9	48.9
82.5°	36.3	31.5	30.5	24.3	26.1
85°	23.2	18.9	17.4	14.5	16.0
87.5°	13.8	10.5	9.8	8.3	8.7
90°	4.0	1.5	2.9	0.7	2.5
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: P227517

CATALOG NUMBER: IST-AF-350-LED-E1-RW-7050

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)