

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: P271498

Luminaire Tested: **ISS-AF-350-LED-E1-T3-7027**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271498  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29759)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: ISS-AF-350-LED-E1-T3-7027  
Description: IMPACT ELITE LED QUATER SPHERE LUMINAIRE  
LIGHT SQUARE WITH ACCULED OPTICS-TYPE III  
Light Source: (16) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2071.9 lumens  
Efficiency: N/A  
Efficacy: 103.1 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium - Semi-Cutoff  
BUG Rating: B1 - U0 - G1

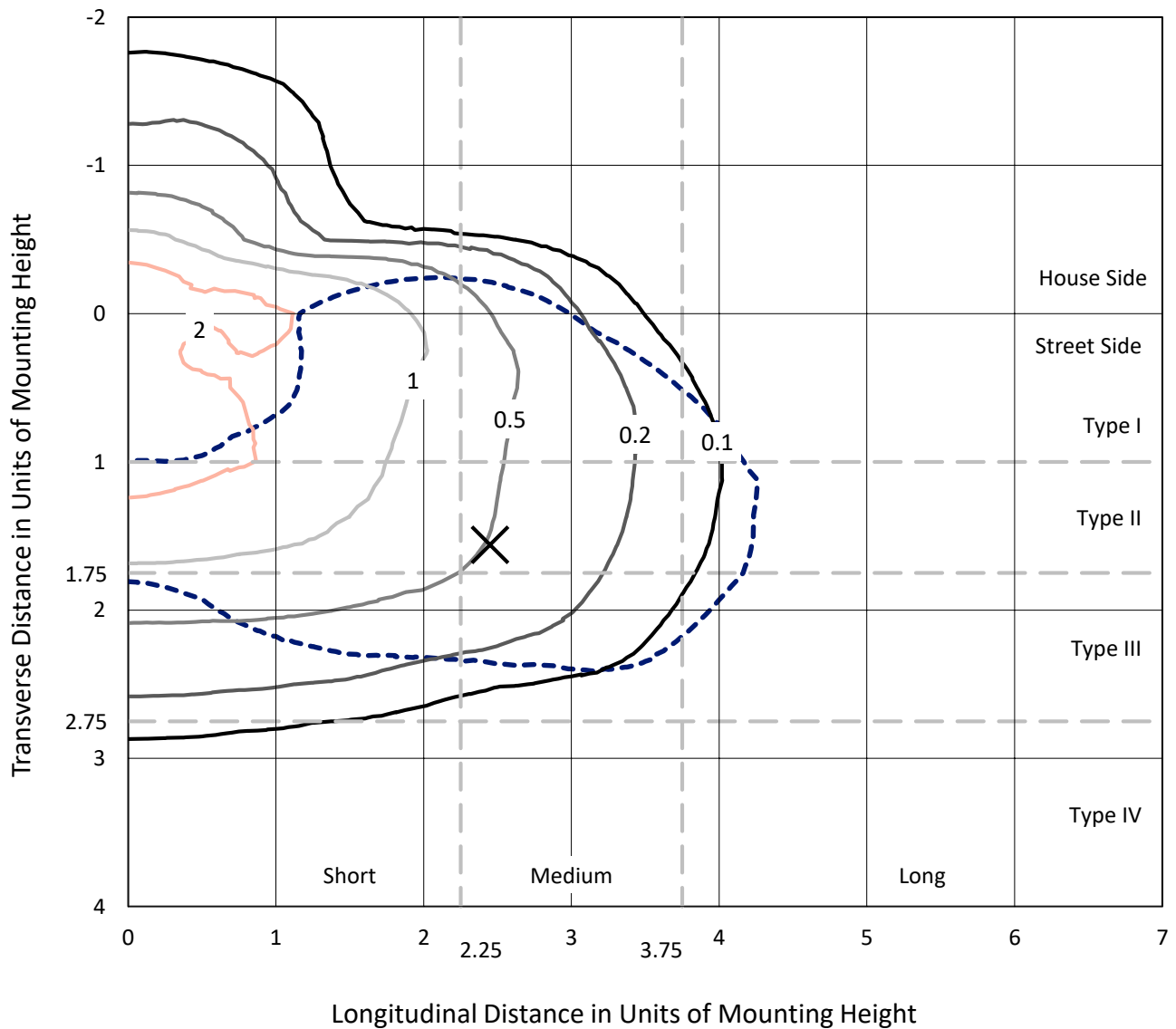
Input Watts (W): 20.09  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P271498  
 CATALOG NUMBER: ISS-AF-350-LED-E1-T3-7027

### Iso-Footcandle Lines of Horizontal Illumination

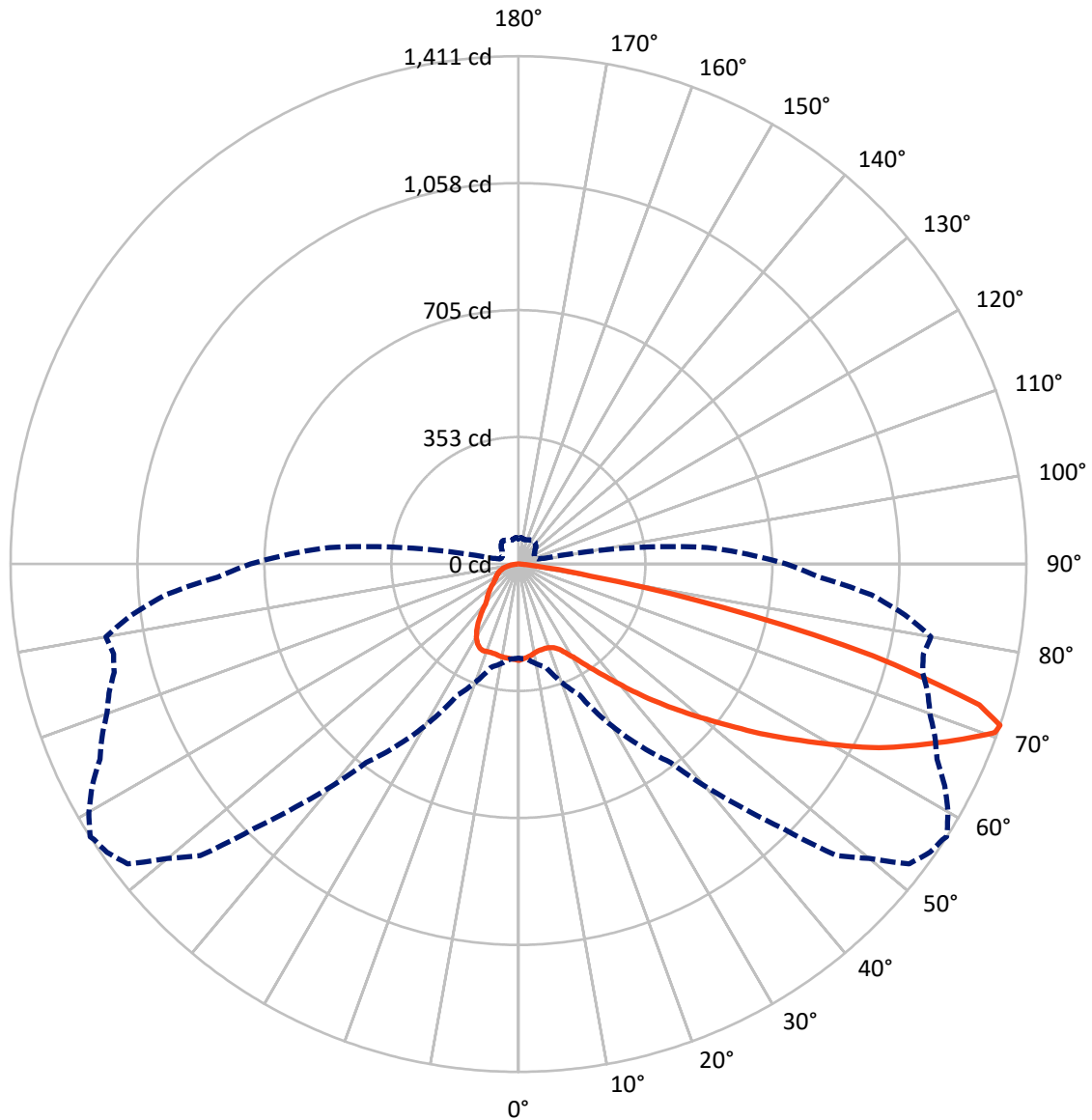
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 2.7 fc  
 Type III - Medium - Semi-Cutoff

REPORT NUMBER: P271498  
CATALOG NUMBER: ISS-AF-350-LED-E1-T3-7027

### Luminous Intensity Polar Plot



— Vertical Plane Through 57.5-Deg Lateral    - - - Horizontal Cone Through 71-Deg Vertical

REPORT NUMBER: P271498

CATALOG NUMBER: ISS-AF-350-LED-E1-T3-7027

**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	451.1	0.0	451.1
	% Fixture	21.8	0.0	21.8
<b>Street Side</b>	Lumens	1620.9	0.0	1620.9
	% Fixture	78.2	0.0	78.2
<b>Total</b>	Lumens	2071.9	0.0	2071.9
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	25.2	1.2
10°-20°	72.6	3.5
20°-30°	120.5	5.8
30°-40°	191.8	9.3
40°-50°	311.6	15.0
50°-60°	467.2	22.6
60°-70°	557.4	26.9
70°-80°	301.1	14.5
80°-90°	24.5	1.2
90°-100°	0.0	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°	2071.9	100.0
0°-180°	2071.9	100.0



REPORT NUMBER: P271498

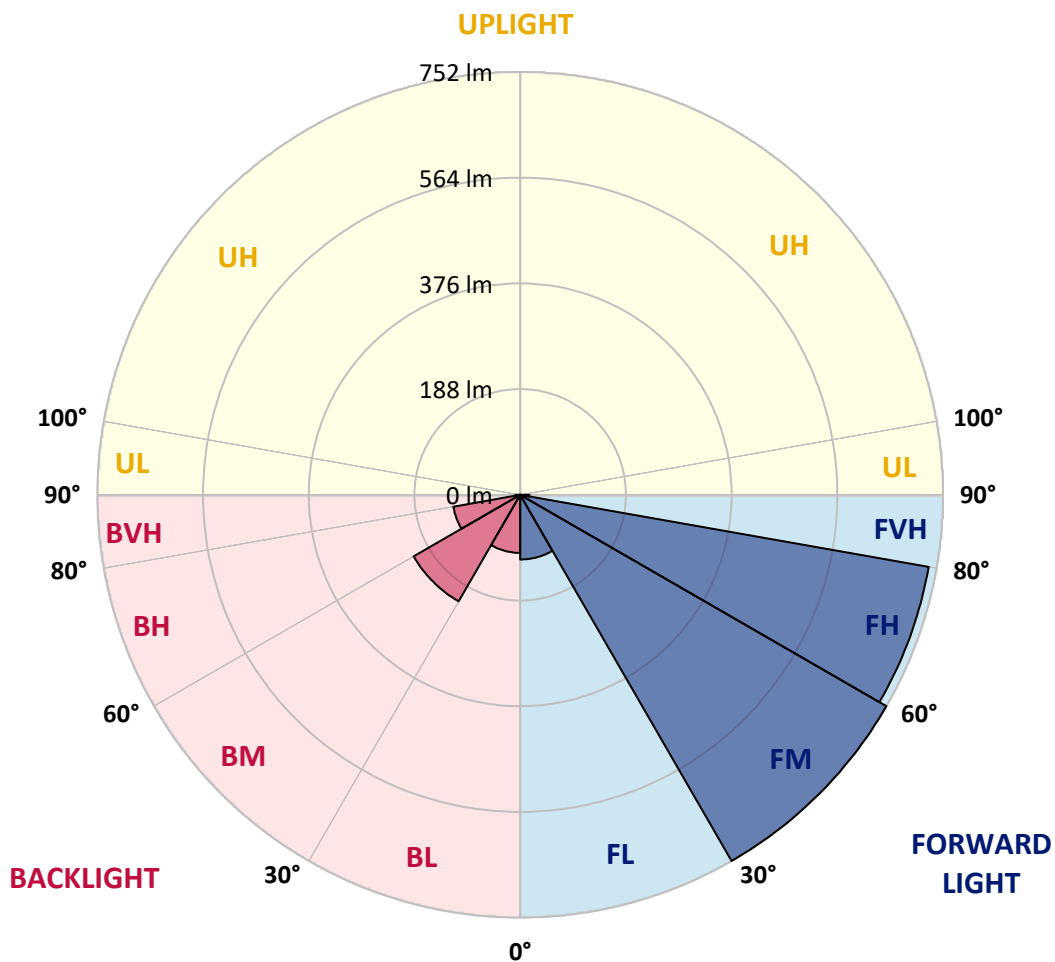
CATALOG NUMBER: ISS-AF-350-LED-E1-T3-7027

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	114.9	5.5			
FM	(30°-60°)	752.0	36.3			
FH	(60°-80°)	737.8	35.6			G1/1800
FVH	(80°-90°)	16.1	0.8			G1/100
BL	(0°-30°)	103.3	5.0	B0/110		
BM	(30°-60°)	218.7	10.6	B0/220		
BH	(60°-80°)	120.7	5.8	B1/500		G1/500
BVH	(80°-90°)	8.4	0.4			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**

Type III Medium





REPORT NUMBER: P271498

CATALOG NUMBER: ISS-AF-350-LED-E1-T3-7027

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7
2.5°	267.7	267.0	266.3	266.3	266.3	265.6	263.6	264.2	266.3	264.9	267.0
5°	267.0	265.6	264.9	264.9	264.9	262.8	262.1	261.5	265.6	262.1	264.9
7.5°	259.4	259.4	258.0	259.4	260.8	258.7	257.4	258.0	261.5	258.0	261.5
10°	254.0	252.6	252.0	252.0	253.3	250.5	249.2	250.5	254.7	250.5	255.4
12.5°	252.0	252.6	250.5	250.5	249.9	246.4	246.4	246.4	249.9	246.4	250.5
15°	255.4	254.7	252.6	251.3	249.2	246.4	245.8	246.4	249.2	245.1	249.9
17.5°	260.1	260.1	256.6	253.3	251.3	248.5	248.5	247.1	249.2	246.4	249.9
20°	272.5	270.4	265.6	260.1	254.7	253.3	250.5	250.5	252.0	249.2	251.3
22.5°	293.7	291.6	283.4	273.2	264.2	260.8	259.4	258.7	257.4	256.1	256.1
25°	321.8	318.3	308.7	296.4	281.3	278.7	275.9	273.8	269.0	269.0	265.6
27.5°	351.9	348.5	338.1	324.5	306.1	301.9	298.5	295.7	287.5	287.5	281.3
30°	386.1	382.0	369.7	354.7	333.5	332.0	327.3	323.1	312.1	311.4	303.3
32.5°	425.8	420.2	408.0	388.2	365.5	366.1	358.7	356.0	341.5	342.3	331.4
35°	471.0	464.9	452.5	426.4	403.2	405.2	398.4	393.5	375.9	375.9	364.3
37.5°	519.0	519.0	503.1	473.0	445.0	449.7	441.6	436.8	418.9	421.7	403.2
40°	572.3	575.7	558.6	524.4	495.7	497.8	491.6	486.1	464.9	469.6	449.7
42.5°	628.5	634.7	619.5	583.9	551.8	558.6	548.3	542.8	520.3	530.4	507.3
45°	709.9	711.3	683.3	648.9	622.3	628.5	614.0	611.9	583.9	594.9	571.6
47.5°	761.2	757.8	737.3	716.7	700.9	713.3	700.3	696.8	664.7	672.2	639.3
50°	796.2	798.1	782.4	780.4	783.1	806.4	804.3	797.4	759.2	753.7	712.6
52.5°	827.6	818.7	816.0	835.2	864.6	891.9	903.0	894.0	852.2	837.2	797.4
55°	822.2	809.1	823.6	870.1	928.3	970.7	972.1	965.9	928.3	922.1	878.9
57.5°	785.2	787.9	817.4	883.8	982.4	1026.1	1033.7	1026.1	995.3	1000.8	965.2
60°	733.8	739.3	785.8	871.4	1025.4	1063.1	1066.6	1075.5	1054.9	1069.3	1044.5
62.5°	657.2	664.7	724.2	840.6	995.3	1051.5	1083.0	1103.5	1099.3	1132.2	1119.3
65°	603.8	603.8	661.9	805.0	965.9	1039.9	1087.1	1125.4	1130.9	1182.9	1178.0
67.5°	504.5	507.9	557.8	705.8	930.4	1013.7	1085.1	1150.0	1182.9	1265.0	1269.1
70°	349.1	351.9	384.7	503.8	751.6	822.8	927.6	1033.7	1132.2	1256.2	1320.5
71°	261.5	264.9	297.1	401.8	636.6	695.5	804.3	914.6	1038.5	1199.3	1271.9
72.5°	128.0	130.1	161.5	258.0	443.0	518.2	581.1	686.7	818.1	1002.1	1104.8
75°	59.6	60.3	67.1	93.2	169.2	201.3	229.3	297.1	378.5	540.2	664.7
77.5°	43.7	43.7	47.9	60.9	87.7	89.0	87.7	89.7	108.2	154.7	232.8
80°	32.2	32.2	34.9	41.1	58.2	58.2	56.1	56.9	54.8	56.9	64.4
82.5°	21.2	21.2	22.5	24.6	35.7	35.7	34.2	34.2	32.9	32.2	34.9
85°	12.4	13.0	13.7	11.7	15.0	14.4	13.0	14.4	13.7	12.4	15.0
87.5°	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.0	0.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P271498

CATALOG NUMBER: ISS-AF-350-LED-E1-T3-7027

**CANDELA DISTRIBUTION (continued):**

	52.5°	55°	57°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°
0°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7
2.5°	264.2	266.3	266.3	263.6	265.6	263.6	264.9	262.8	264.9	261.5	265.6
5°	262.1	264.2	264.2	260.1	264.2	260.1	263.6	258.7	263.6	258.0	263.6
7.5°	256.6	261.5	261.5	256.1	260.8	256.6	260.8	256.1	260.1	254.0	260.8
10°	250.5	255.4	256.1	250.5	256.1	251.3	257.4	251.3	257.4	250.5	258.0
12.5°	246.4	252.0	253.3	247.1	254.0	247.8	255.4	248.5	255.4	247.8	256.6
15°	245.8	250.5	252.0	246.4	252.6	245.8	254.7	246.4	255.4	247.1	257.4
17.5°	246.4	250.5	252.0	245.8	252.0	246.4	254.0	247.1	255.4	247.8	257.4
20°	248.5	251.3	251.3	247.8	252.6	247.8	254.0	247.1	256.1	249.2	258.0
22.5°	254.7	255.4	255.4	252.6	255.4	252.0	256.6	252.0	258.0	252.6	260.8
25°	264.9	264.2	262.8	262.1	262.8	260.8	263.6	260.1	266.3	261.5	269.7
27.5°	282.8	280.0	278.7	278.7	277.9	278.7	278.7	277.3	280.0	278.7	284.0
30°	304.6	299.9	297.8	299.9	297.1	299.9	299.1	298.5	301.2	299.9	304.6
32.5°	333.5	325.2	323.7	327.9	322.4	327.3	323.1	325.2	327.3	328.6	331.4
35°	366.9	357.3	356.0	360.1	353.9	360.8	356.0	358.7	360.1	363.5	365.5
37.5°	406.7	395.0	392.9	398.4	390.2	397.7	390.9	399.0	397.1	401.8	403.9
40°	454.5	440.9	436.0	443.7	434.0	440.2	433.3	442.2	440.2	449.7	451.8
42.5°	513.4	493.6	488.8	496.3	481.9	484.0	478.4	488.8	487.4	500.4	502.4
45°	574.4	550.4	543.6	551.1	534.6	538.7	530.4	541.5	540.8	551.1	559.3
47.5°	642.1	612.6	603.8	611.9	592.2	596.9	588.7	600.3	601.1	612.6	620.9
50°	712.6	681.8	670.1	677.7	659.3	662.6	654.4	668.8	668.1	683.9	690.0
52.5°	789.3	757.8	748.8	752.3	730.4	734.5	727.6	745.4	741.4	750.9	763.3
55°	874.2	837.8	827.6	837.8	811.9	817.4	808.5	824.8	818.1	830.3	833.8
57.5°	961.1	925.5	917.3	924.9	900.2	904.3	892.6	906.3	900.9	909.1	914.6
60°	1053.5	1021.4	1013.1	1021.4	997.4	998.1	978.3	992.5	984.5	994.6	992.5
62.5°	1141.8	1114.4	1112.4	1124.0	1094.0	1090.5	1066.6	1076.8	1065.2	1071.9	1063.9
65°	1217.1	1201.4	1204.1	1213.7	1187.0	1178.8	1151.4	1156.8	1139.8	1139.8	1129.5
67.5°	1315.7	1298.6	1298.6	1306.9	1273.3	1252.1	1214.4	1209.6	1181.5	1176.0	1152.1
70°	1397.9	1402.6	1397.1	1404.1	1364.3	1321.1	1271.2	1247.3	1210.3	1192.5	1164.5
71°	1368.4	1395.8	1405.4	1410.9	1378.0	1334.9	1282.9	1252.1	1216.5	1192.5	1162.4
72.5°	1234.9	1301.4	1338.9	1338.9	1343.1	1315.7	1265.7	1232.1	1191.8	1160.3	1132.2
75°	865.2	973.4	1022.0	1016.5	1052.2	1064.5	1068.5	1054.3	1031.6	986.4	966.6
77.5°	385.5	507.9	581.1	581.8	620.2	653.8	680.5	708.5	698.3	676.3	675.0
80°	87.7	158.8	203.3	205.4	240.3	271.1	289.5	317.6	321.1	289.5	271.7
82.5°	37.7	44.5	50.7	49.9	61.6	73.9	87.7	95.1	91.8	76.0	71.9
85°	15.7	20.5	21.9	20.5	25.3	28.0	32.9	33.6	39.1	34.9	37.0
87.5°	0.0	0.7	0.7	0.0	1.3	0.0	1.3	0.7	3.4	1.3	4.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P271498

CATALOG NUMBER: ISS-AF-350-LED-E1-T3-7027

**CANDELA DISTRIBUTION (continued):**

	77.5°	80°	82.5°	85°	87.5°	90°	95°	100°	102.5°	105°	107.5°
0°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7
2.5°	262.8	266.3	262.8	266.3	264.2	266.3	265.6	266.3	262.8	266.3	262.1
5°	258.0	263.6	258.7	262.8	258.7	263.6	263.6	263.6	258.7	264.2	259.4
7.5°	254.0	260.1	254.0	260.1	256.1	260.8	260.8	262.8	257.4	263.6	256.6
10°	249.9	257.4	249.9	258.7	252.0	259.4	260.1	261.5	254.0	262.1	255.4
12.5°	247.8	257.4	248.5	257.4	249.2	259.4	260.1	261.5	253.3	263.6	254.7
15°	247.8	258.0	248.5	258.0	249.2	259.4	260.8	262.1	253.3	264.2	254.7
17.5°	247.8	258.0	249.9	258.7	250.5	260.1	261.5	262.8	254.7	264.2	256.1
20°	249.9	259.4	251.3	260.8	252.6	262.1	262.8	264.9	256.1	264.9	257.4
22.5°	254.7	262.8	256.1	264.9	258.7	266.3	267.0	269.0	262.1	269.7	263.6
25°	262.8	271.7	266.3	273.2	269.7	275.9	277.3	277.3	274.5	279.4	277.3
27.5°	280.0	286.8	282.8	288.9	286.8	291.6	291.6	292.3	294.4	295.7	297.8
30°	301.9	306.7	305.3	308.7	309.5	312.1	312.1	316.2	324.5	316.2	315.6
32.5°	331.4	334.1	334.8	336.1	338.8	340.9	343.6	348.5	355.3	336.1	329.9
35°	367.6	368.2	370.3	372.3	377.2	378.5	387.5	384.0	384.0	353.9	340.9
37.5°	407.3	407.3	412.8	412.8	424.4	425.1	434.0	416.3	405.9	366.9	347.7
40°	457.2	456.6	462.8	464.2	479.9	480.5	479.2	440.2	418.3	370.3	344.3
42.5°	510.0	512.0	520.3	523.0	534.6	538.7	521.6	456.6	423.7	368.2	332.7
45°	567.5	571.6	581.8	589.4	601.8	596.9	555.8	464.2	417.6	356.0	310.2
47.5°	630.5	634.7	642.7	657.2	662.6	657.2	583.9	466.8	408.0	336.9	277.3
50°	694.1	700.9	712.6	733.2	735.9	722.1	618.1	477.1	400.5	316.9	239.6
52.5°	766.1	772.8	786.6	820.8	814.0	785.8	658.5	496.3	402.5	304.6	207.4
55°	842.0	851.5	878.3	911.8	896.8	852.9	703.0	524.4	410.7	291.6	171.8
57.5°	922.1	932.4	967.3	1007.0	977.5	918.7	748.2	546.3	414.8	264.9	132.8
60°	1001.5	1015.8	1061.1	1094.0	1048.1	974.8	788.6	560.6	403.9	214.2	102.7
62.5°	1074.0	1097.3	1148.0	1165.8	1092.6	1010.4	810.5	550.4	359.4	148.0	82.8
65°	1125.4	1155.5	1188.4	1186.3	1084.3	998.7	794.1	503.1	267.7	97.8	70.4
67.5°	1147.3	1175.3	1182.9	1148.0	1025.4	947.4	735.3	405.2	154.0	73.2	61.6
70°	1155.5	1179.5	1137.1	1052.8	910.4	821.5	601.1	258.0	84.2	59.6	53.4
71°	1152.1	1163.8	1083.0	984.5	837.2	744.1	527.0	196.5	71.9	55.4	50.7
72.5°	1105.5	1089.1	964.5	855.0	709.9	615.4	410.1	123.9	58.9	49.9	47.3
75°	903.7	829.7	709.9	606.5	483.3	386.8	222.5	63.7	47.3	43.1	41.1
77.5°	590.7	526.5	427.9	347.7	264.2	200.6	91.1	43.7	37.7	36.3	35.7
80°	210.8	169.2	128.0	112.3	84.9	69.8	44.5	33.6	29.5	30.1	29.5
82.5°	59.6	54.8	47.3	43.7	38.4	37.7	28.7	25.3	23.3	24.6	24.0
85°	29.5	25.3	18.4	17.8	13.7	15.7	14.4	17.1	15.0	15.7	14.4
87.5°	2.1	2.8	0.7	2.1	0.0	2.1	2.8	3.4	0.7	2.8	2.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P271498

CATALOG NUMBER: ISS-AF-350-LED-E1-T3-7027

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°
0°	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7	267.7
2.5°	267.0	264.2	267.7	264.2	267.7	265.6	267.7	265.6	267.7	269.0	269.0
5°	265.6	260.8	267.0	263.6	267.7	264.2	267.0	264.9	268.3	269.7	271.1
7.5°	264.9	260.1	266.3	261.5	267.7	262.8	267.0	264.2	268.3	269.7	272.5
10°	264.2	258.0	266.3	259.4	267.0	262.1	267.0	262.8	267.7	269.0	269.7
12.5°	264.2	257.4	266.3	258.7	267.0	260.1	266.3	260.1	267.0	266.3	264.2
15°	264.9	256.1	266.3	257.4	266.3	258.0	265.6	257.4	264.2	262.1	260.8
17.5°	264.9	256.1	265.6	256.6	264.9	257.4	263.6	256.1	262.1	261.5	259.4
20°	266.3	257.4	265.6	259.4	265.6	258.0	262.8	256.1	260.8	256.6	248.5
22.5°	270.4	264.2	270.4	264.2	267.0	260.1	262.1	254.0	253.3	246.4	233.4
25°	280.0	277.3	275.9	268.3	266.3	257.4	254.7	245.1	241.6	231.3	213.5
27.5°	292.3	286.1	277.9	269.0	260.1	249.2	241.6	234.1	226.6	213.5	191.0
30°	300.6	291.6	274.5	262.1	245.8	236.8	223.9	215.6	204.6	188.3	166.4
32.5°	306.1	292.3	266.3	252.0	230.0	218.4	201.3	192.3	176.6	160.9	145.2
35°	307.4	289.5	255.4	239.6	210.8	197.9	175.3	165.6	150.6	139.7	133.5
37.5°	301.9	280.0	238.2	217.7	186.2	171.1	149.8	143.1	134.2	130.1	127.3
40°	290.9	261.5	211.6	187.6	155.4	143.8	132.8	132.8	128.0	125.9	121.2
42.5°	271.1	234.1	177.2	154.0	132.1	130.1	123.9	126.6	123.2	121.8	115.1
45°	240.3	195.1	143.1	129.4	119.1	120.6	116.4	119.1	117.0	116.4	108.2
47.5°	200.6	155.4	120.6	115.7	108.9	110.9	107.4	110.9	108.9	109.5	103.3
50°	160.2	125.9	106.8	104.0	99.3	100.6	98.5	102.0	101.3	104.0	100.6
52.5°	128.0	107.4	95.1	93.2	90.4	91.1	90.4	93.9	94.5	99.9	99.9
55°	106.1	92.4	85.6	84.9	82.1	82.8	83.5	87.0	89.7	96.5	99.9
57.5°	91.1	82.8	78.1	77.3	76.0	76.6	78.1	82.1	84.9	93.9	101.3
60°	80.1	75.3	71.9	71.9	70.4	71.9	73.2	77.3	80.8	91.1	98.5
62.5°	71.9	68.5	66.5	67.1	66.5	67.7	69.1	73.2	77.3	87.0	94.5
65°	64.4	62.3	60.9	61.6	61.6	63.7	65.0	69.1	72.5	81.5	91.1
67.5°	58.2	56.9	56.1	56.9	57.5	59.6	61.6	64.4	67.1	75.3	86.2
70°	53.4	52.0	52.0	52.0	52.7	54.8	57.5	58.9	61.6	70.4	80.8
71°	50.7	49.9	49.9	49.9	50.7	52.7	55.4	56.9	59.6	68.5	78.1
72.5°	47.3	47.3	47.9	47.3	48.6	49.2	52.0	53.4	56.9	65.8	74.6
75°	41.7	41.7	42.4	42.4	43.7	43.7	45.8	47.3	51.3	58.9	67.1
77.5°	37.0	37.0	38.4	37.7	37.7	36.3	39.1	40.4	43.7	51.3	59.6
80°	31.5	30.8	32.2	30.1	29.5	28.0	30.1	32.2	37.7	42.4	43.7
82.5°	24.6	22.5	23.3	21.2	21.2	19.9	21.9	22.5	26.1	30.8	33.6
85°	15.0	12.4	13.7	11.7	13.0	11.7	12.4	13.0	15.7	19.1	18.4
87.5°	3.4	2.1	2.8	0.7	2.1	0.0	2.1	0.7	2.1	0.7	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P271498

CATALOG NUMBER: ISS-AF-350-LED-E1-T3-7027

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	155°	165°	175°	180°
0°	267.7	267.7	267.7	267.7
2.5°	270.4	269.7	270.4	269.7
5°	273.8	273.8	274.5	275.2
7.5°	274.5	275.9	277.3	276.6
10°	269.7	268.3	269.7	268.3
12.5°	262.1	260.8	262.1	262.1
15°	261.5	260.8	261.5	261.5
17.5°	256.6	253.3	252.0	251.3
20°	243.0	236.8	235.4	233.4
22.5°	223.9	215.0	212.2	210.1
25°	200.6	188.3	183.4	180.6
27.5°	175.3	163.0	158.1	158.1
30°	155.4	145.9	141.0	141.0
32.5°	141.0	135.6	132.1	132.8
35°	129.4	125.9	123.9	124.5
37.5°	121.8	116.4	111.6	111.6
40°	114.4	107.4	101.3	101.3
42.5°	107.4	100.6	96.5	95.8
45°	100.6	95.8	92.4	91.8
47.5°	97.2	93.2	89.7	89.0
50°	95.8	91.8	87.0	87.0
52.5°	97.2	93.9	84.9	84.9
55°	99.9	97.8	84.9	83.5
57.5°	97.2	93.9	85.6	83.5
60°	91.1	85.6	84.2	82.8
62.5°	87.0	81.5	84.2	83.5
65°	83.5	79.4	85.6	84.2
67.5°	80.1	76.0	85.6	82.8
70°	76.0	71.9	78.1	73.2
71°	73.9	69.1	73.9	69.8
72.5°	70.4	65.0	66.5	63.7
75°	63.7	58.2	56.9	56.1
77.5°	52.7	46.5	44.5	43.7
80°	40.4	36.3	36.3	34.2
82.5°	30.1	26.7	26.1	22.5
85°	15.7	12.4	10.3	10.3
87.5°	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0

(END OF REPORT)