

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: P271436

Luminaire Tested: **ISC-AF-350-LED-E1-SLR-7027-ULG**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P271436  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29764)-DOWNLIGHT AND  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: ISC-AF-350-LED-E1-SLR-7027-ULG  
Description: IMPACT ELITE LED CYLINDER LUMINAIRE WITH UPLIGHT  
LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR RIGHT, WITH  
UPLIGHT GLOW  
Light Source: (16) 2700K CCT, 70 CRI LEDs and (1) UPLIGHT LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3128.1 lumens  
Efficiency: N/A  
Efficacy: 85.0 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.54')  
IES Classification: Type IV - Short - Non-Cutoff  
BUG Rating: B0 - U5 - G1  
  
Input Watts (W): 36.79  
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

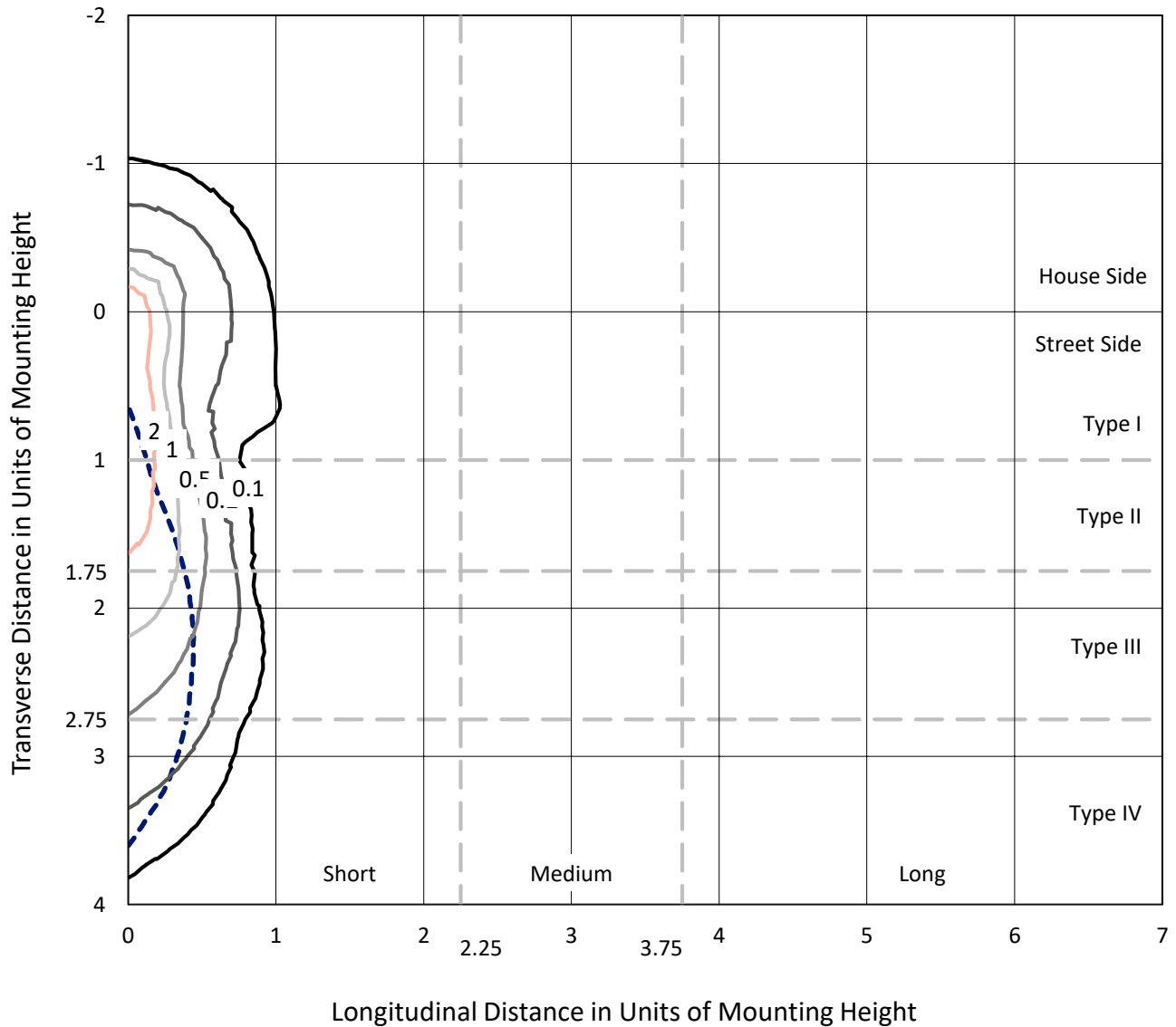


REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

### Iso-Footcandle Lines of Horizontal Illumination

× Max cd  
 - - - 1/2 Max cd

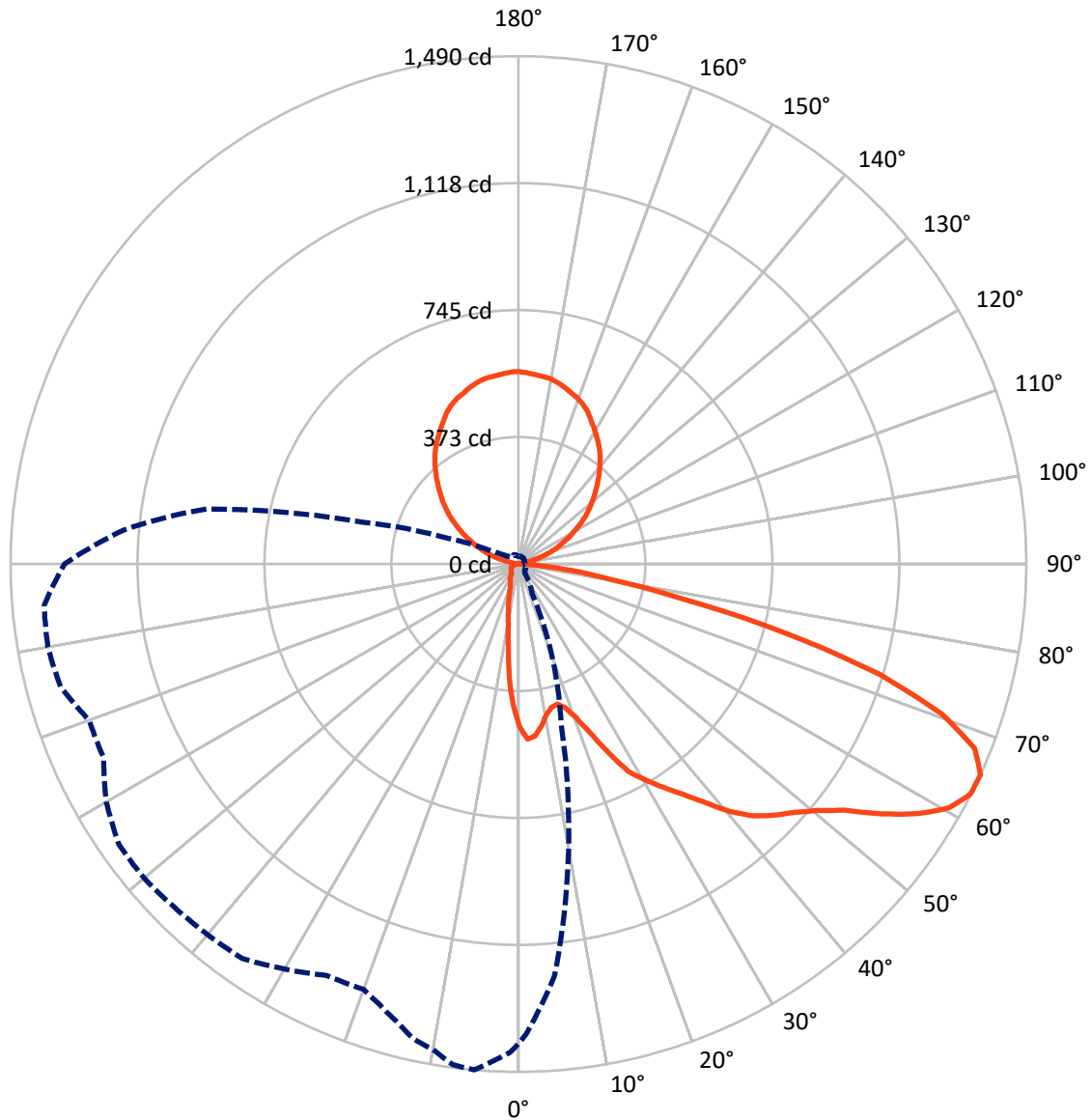


Based on 10 foot mounting height. Maximum calculated value = 4.8 fc  
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

### Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral    - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

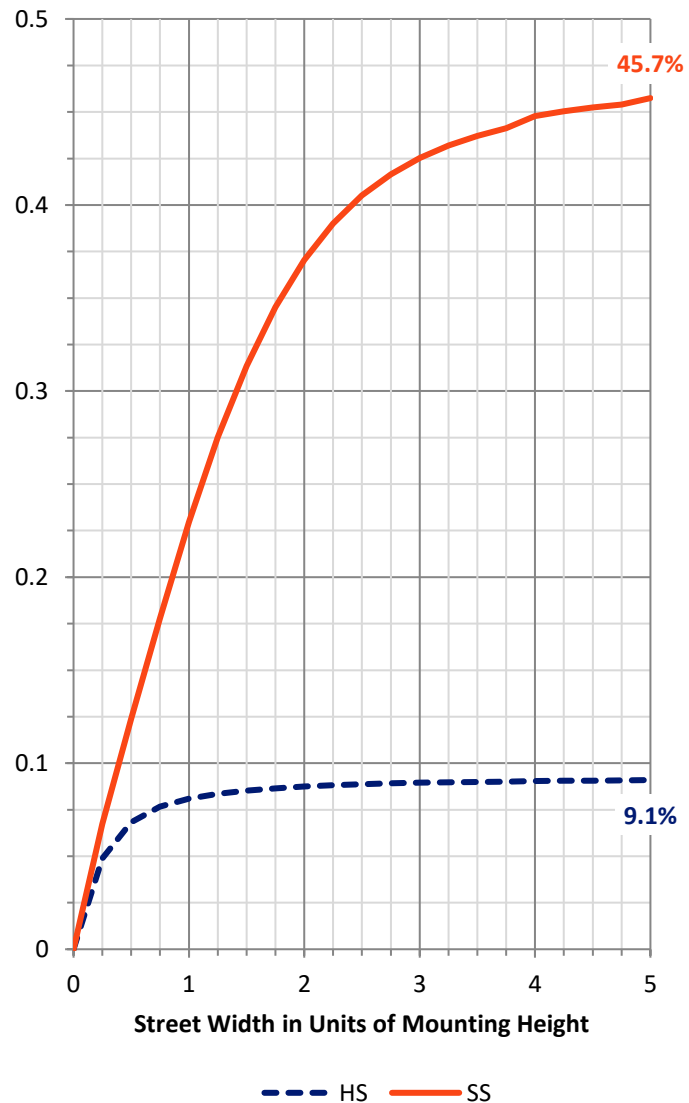
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	287.4	699.9	987.3
	% Fixture	9.2	22.4	31.6
<b>Street Side</b>	Lumens	1441.0	699.9	2140.9
	% Fixture	46.1	22.4	68.4
<b>Total</b>	Lumens	1728.4	1399.8	3128.1
	% Fixture	55.3	44.7	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	36.7	1.2
10°-20°	75.7	2.4
20°-30°	110.0	3.5
30°-40°	162.7	5.2
40°-50°	237.1	7.6
50°-60°	355.4	11.4
60°-70°	442.9	14.2
70°-80°	259.4	8.3
80°-90°	48.5	1.6
90°-100°	4.7	0.1
100°-110°	67.7	2.2
110°-120°	150.2	4.8
120°-130°	219.7	7.0
130°-140°	260.7	8.3
140°-150°	264.3	8.4
150°-160°	226.8	7.3
160°-170°	152.2	4.9
170°-180°	53.3	1.7
0°-90°	1728.4	55.3
0°-180°	3128.1	100.0



REPORT NUMBER: P271436

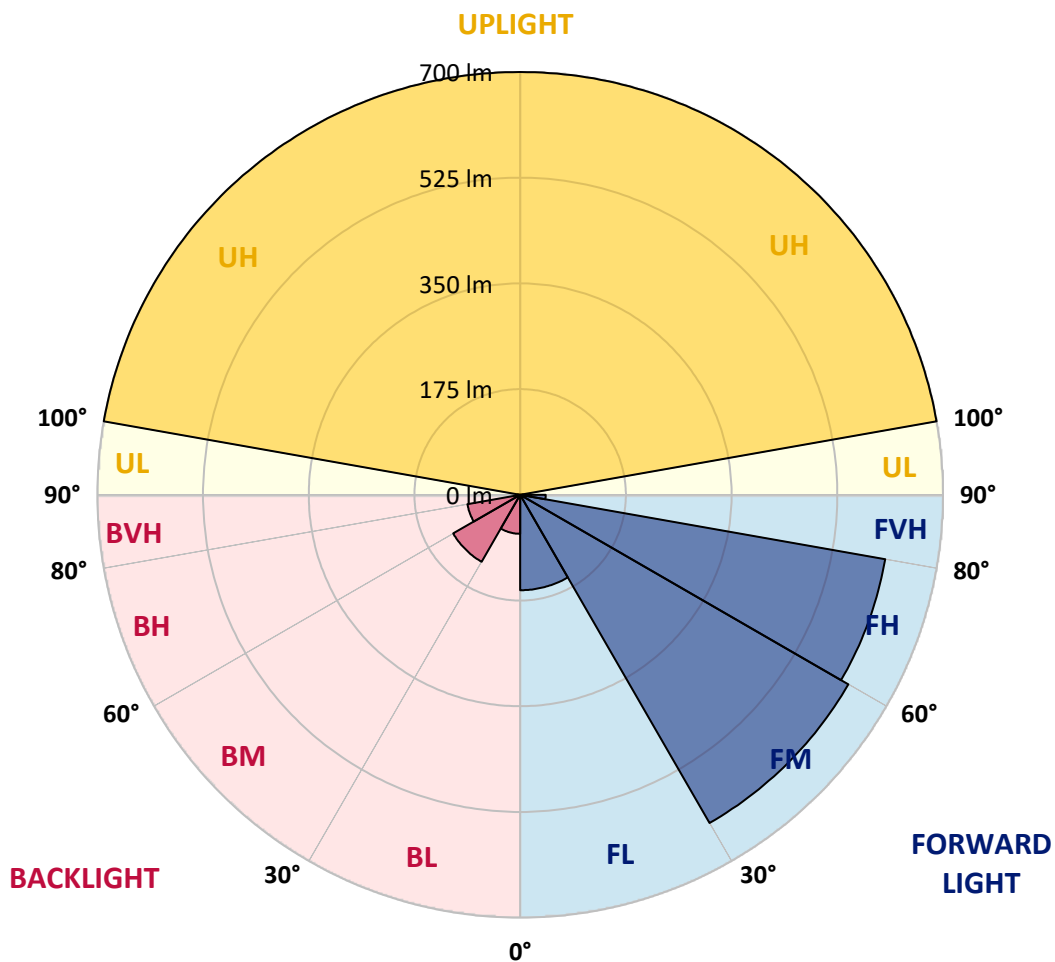
CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

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

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	157.9	5.0			
FM	(30°-60°)	627.3	20.1			
FH	(60°-80°)	613.6	19.6			G0/660
FVH	(80°-90°)	42.3	1.4			G1/100
BL	(0°-30°)	64.5	2.1	B0/110		
BM	(30°-60°)	127.9	4.1	B0/220		
BH	(60°-80°)	88.7	2.8	B0/110		G0/110
BVH	(80°-90°)	6.3	0.2			G0/10
UL	(90°-100°)	4.7	0.1		U1/10	
UH	(100°-180°)	699.9	22.4		U4/1000	

**BUG Rating: B0-U5-G1**

Type IV Short





REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°
0°	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
2.5°	507.7	503.6	495.4	479.0	461.9	445.5	442.8	436.6	437.3	433.8	432.4
5°	491.4	485.8	468.7	434.5	405.0	375.0	373.0	360.6	361.9	354.4	350.4
7.5°	455.0	447.5	428.3	381.2	340.1	300.4	296.4	281.9	279.9	272.4	266.2
10°	419.5	412.0	388.0	333.9	286.6	257.3	252.5	245.7	240.2	236.7	230.7
12.5°	396.9	392.8	364.0	301.8	264.8	240.8	234.6	227.9	222.4	216.2	210.0
15°	392.1	383.8	354.4	291.5	248.4	219.0	211.4	203.9	197.8	191.6	182.7
17.5°	405.0	396.9	364.0	286.6	230.0	194.3	184.7	174.5	168.3	160.8	151.3
20°	435.9	422.9	382.5	279.9	210.0	165.6	154.0	141.7	134.7	121.8	114.9
22.5°	485.2	468.7	414.0	279.9	191.6	135.5	122.5	111.5	104.0	92.3	84.9
25°	555.6	541.3	465.3	287.4	175.2	110.1	97.2	86.1	78.7	70.4	65.7
27.5°	621.4	598.7	520.1	298.3	162.1	92.3	79.4	70.4	64.9	60.9	58.2
30°	670.6	652.1	568.0	305.9	143.0	77.3	69.1	63.6	60.9	58.9	57.5
32.5°	715.8	694.6	602.1	310.6	131.4	65.7	58.2	54.1	51.3	48.6	47.9
35°	763.6	743.2	642.6	309.9	123.9	60.3	52.7	47.9	45.2	44.5	43.1
37.5°	830.0	802.0	689.1	309.9	121.1	58.2	49.2	44.5	42.4	41.1	40.3
40°	894.4	862.9	740.5	312.0	118.4	56.9	49.2	44.5	41.1	39.6	38.3
42.5°	954.6	919.7	786.9	315.5	117.0	52.7	46.5	43.7	42.4	39.6	37.5
45°	1000.4	973.0	823.2	322.3	117.0	49.9	43.7	41.7	41.1	41.1	40.3
47.5°	1044.9	1014.1	865.0	335.2	119.0	47.9	41.7	39.0	39.0	39.0	39.6
50°	1102.4	1066.1	922.4	361.9	119.0	47.3	39.6	36.9	36.3	37.5	37.5
52.5°	1180.5	1154.4	1006.6	400.4	117.7	46.5	39.0	34.9	34.2	34.9	36.3
55°	1290.5	1261.1	1108.6	447.5	116.3	45.2	37.5	34.2	32.9	32.2	32.9
57.5°	1385.6	1360.3	1202.3	485.2	112.8	41.7	36.3	33.6	31.5	30.8	30.1
60°	1427.4	1406.2	1262.5	510.5	106.8	38.3	34.2	32.2	30.1	29.5	28.7
62.5°	1434.2	1407.6	1263.2	516.0	99.9	34.9	32.2	30.1	28.7	28.0	27.4
65°	1407.6	1377.6	1213.3	482.4	94.4	34.9	30.8	28.7	26.7	26.1	25.3
67.5°	1347.4	1300.8	1086.6	409.2	89.7	35.7	30.1	26.7	25.3	24.6	24.0
70°	1202.3	1150.3	917.6	325.1	87.6	36.3	30.1	25.3	23.3	22.5	22.5
72.5°	963.4	904.0	715.8	245.0	84.2	36.9	29.5	24.0	21.9	20.5	20.5
75°	652.1	600.1	485.2	165.6	69.8	32.2	26.7	21.9	19.1	17.8	17.1
77.5°	363.4	346.3	308.6	87.6	44.5	24.0	20.5	17.8	15.7	15.0	14.4
80°	213.4	204.6	182.1	48.6	27.4	13.7	12.3	11.7	10.3	10.3	10.3
82.5°	130.7	121.8	112.8	21.9	12.9	6.8	6.8	5.5	5.5	4.9	4.9
85°	35.7	32.9	45.8	4.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
97.5°	2.0	2.0	2.0	2.0	3.0	4.0	5.1	6.4	7.6	8.8	9.8
100°	7.8	7.8	7.8	9.8	13.7	21.6	23.5	25.5	27.5	29.5	29.9
102.5°	27.5	27.5	27.5	31.4	37.3	44.2	45.4	46.6	47.9	49.0	49.2
105°	53.0	53.0	53.0	55.0	59.8	64.8	65.8	66.7	67.7	68.7	68.9
107.5°	76.5	76.4	75.5	78.5	82.5	86.3	87.1	87.9	88.6	89.3	89.8
110°	99.2	99.4	100.1	101.1	104.0	108.0	108.4	109.0	109.4	110.0	110.4



REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

**CANDELA DISTRIBUTION (continued):**

	0°	1°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°
112.5°	121.7	121.7	121.7	123.7	126.6	129.5	130.1	130.5	131.1	131.5	132.1
115°	143.3	143.5	144.3	146.2	148.2	151.2	151.6	152.2	152.6	153.1	153.6
117.5°	165.8	166.1	166.8	168.8	170.8	173.7	174.2	174.7	175.2	175.7	175.9
120°	189.5	189.8	191.4	192.3	194.3	197.3	197.4	197.8	198.1	198.3	198.7
122.5°	215.0	215.1	216.0	216.9	218.8	221.8	222.0	222.3	222.6	222.8	223.0
125°	239.5	239.8	241.5	242.5	243.4	246.3	246.6	246.9	247.1	247.3	247.6
127.5°	262.0	262.5	264.0	265.0	267.0	269.0	269.4	269.9	270.4	270.9	271.4
130°	284.7	285.0	286.6	287.5	288.5	292.5	292.7	292.9	293.3	293.5	293.9
132.5°	307.2	307.4	308.2	311.2	312.1	315.0	315.2	315.6	315.8	316.0	316.8
135°	329.8	329.9	330.8	332.7	334.7	338.6	338.6	338.6	338.6	338.6	339.4
137.5°	352.3	352.6	353.3	356.3	357.3	360.2	360.2	360.2	360.2	360.2	360.7
140°	375.0	375.1	375.9	377.8	378.8	380.8	381.0	381.3	381.6	381.8	382.0
142.5°	396.5	396.9	398.5	400.5	399.5	402.4	402.4	402.4	402.4	402.4	402.9
145°	417.2	417.4	418.1	420.0	420.0	423.0	423.2	423.6	423.8	424.0	424.4
147.5°	435.8	435.8	435.8	438.7	439.7	443.7	443.9	444.1	444.4	444.6	444.8
150°	452.5	452.7	453.5	455.4	456.4	460.3	460.5	460.8	461.1	461.3	461.5
152.5°	470.2	470.4	471.1	474.0	473.0	476.0	476.2	476.6	476.8	477.0	477.2
155°	489.8	489.9	490.7	492.7	491.7	493.7	493.7	493.7	493.7	493.7	493.9
157.5°	503.5	503.9	505.5	507.5	506.5	509.4	509.4	509.4	509.4	509.4	509.4
160°	515.3	515.6	517.2	519.2	519.2	522.2	522.2	522.2	522.2	522.2	522.2
162.5°	525.1	525.3	526.0	529.0	528.0	531.0	531.0	531.0	531.0	531.0	531.2
165°	535.9	536.1	536.8	538.8	537.8	541.8	541.8	541.8	541.8	541.8	541.9
167.5°	544.7	544.9	545.7	548.7	547.7	550.6	550.4	550.1	549.9	549.7	549.7
170°	551.6	551.8	552.5	555.5	554.5	556.5	556.3	556.1	555.7	555.5	555.3
172.5°	554.5	554.7	555.5	558.5	556.5	558.5	558.3	557.9	557.7	557.5	557.7
175°	556.5	556.9	558.5	559.5	558.5	561.4	561.4	561.4	561.4	561.4	561.6
177.5°	561.4	561.6	562.4	564.3	563.3	567.3	567.1	566.8	566.5	566.3	566.3
180°	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3





REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

**CANDELA DISTRIBUTION (continued):**

	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°
0°	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
2.5°	427.0	425.7	425.7	415.4	415.4	409.9	408.5	408.5	410.5	409.2	401.0
5°	343.5	339.4	336.7	324.4	321.0	314.8	312.0	311.4	313.4	309.9	299.0
7.5°	258.6	255.3	251.2	241.6	237.4	236.7	228.6	226.6	225.1	222.4	215.5
10°	225.8	221.1	217.6	210.7	206.0	202.6	195.7	192.2	189.5	185.4	183.3
12.5°	203.3	198.4	193.7	184.7	178.7	174.5	170.4	163.5	160.8	156.0	153.3
15°	175.2	169.7	164.2	154.7	146.4	142.3	134.0	130.1	127.3	121.8	119.0
17.5°	140.9	133.5	127.3	118.4	114.3	107.4	102.7	95.8	90.3	88.2	86.1
20°	106.1	99.3	93.7	86.1	82.1	76.6	73.9	69.1	66.4	64.9	63.6
22.5°	78.1	72.5	69.1	64.9	62.9	60.9	59.6	58.2	56.9	56.1	56.1
25°	61.5	59.6	58.2	56.9	56.1	55.4	54.1	53.4	52.7	52.0	52.0
27.5°	56.1	54.8	54.1	53.4	52.7	51.3	51.3	49.9	49.2	49.2	48.6
30°	56.9	56.9	56.9	55.4	54.8	53.4	52.7	50.7	49.2	47.9	47.3
32.5°	46.5	46.5	45.8	44.5	43.7	43.1	43.1	41.7	41.1	41.1	42.4
35°	42.4	41.7	41.1	39.6	39.0	37.5	36.9	36.3	35.7	34.9	34.9
37.5°	40.3	39.6	39.0	37.5	36.9	36.3	35.7	34.2	33.6	33.6	32.9
40°	38.3	38.3	38.3	36.9	36.3	34.9	34.2	33.6	32.9	32.2	32.2
42.5°	36.9	36.9	36.9	36.3	35.7	34.9	33.6	32.9	32.2	31.5	30.8
45°	37.5	36.9	36.9	36.3	35.7	34.2	33.6	32.2	31.5	30.8	30.1
47.5°	40.3	39.6	38.3	36.9	35.7	34.2	32.9	31.5	30.8	30.1	29.5
50°	38.3	41.1	41.7	39.6	36.3	34.2	32.9	31.5	30.1	29.5	28.7
52.5°	37.5	38.3	41.1	41.1	37.5	34.9	32.9	31.5	30.1	28.7	28.0
55°	34.2	36.3	36.9	37.5	36.9	34.2	32.2	30.1	29.5	28.0	26.7
57.5°	30.1	31.5	32.2	33.6	34.2	33.6	30.8	28.7	28.0	26.7	25.3
60°	28.0	28.0	28.0	28.7	32.2	34.9	32.2	28.0	26.1	25.3	24.0
62.5°	26.1	26.1	25.3	26.1	26.7	30.1	29.5	26.7	25.3	24.6	23.3
65°	25.3	24.6	24.0	24.0	24.0	24.0	24.0	24.0	23.3	23.3	22.5
67.5°	23.3	22.5	22.5	21.9	21.9	21.9	21.9	21.9	21.2	21.2	20.5
70°	21.9	21.2	20.5	20.5	20.5	19.9	19.9	19.9	19.1	19.1	19.1
72.5°	19.9	19.1	19.1	19.1	18.4	18.4	18.4	17.8	17.8	17.1	17.1
75°	17.1	17.1	16.3	16.3	16.3	15.7	15.7	15.7	15.7	15.0	15.0
77.5°	14.4	13.7	14.4	13.7	13.7	13.7	13.7	13.7	12.9	12.9	12.3
80°	9.6	9.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	9.6
82.5°	5.5	4.9	5.5	5.5	5.5	6.2	6.2	6.8	6.2	6.2	5.5
85°	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.3	1.3	1.3	1.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
97.5°	10.8	11.8	12.8	11.3	9.8	8.4	6.8	6.4	5.9	5.4	4.9
100°	30.5	30.9	31.4	30.9	30.5	29.9	29.5	28.7	27.9	27.3	26.5
102.5°	49.6	49.9	50.0	49.9	49.6	49.2	49.0	48.6	48.1	47.6	47.1
105°	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.2	68.7	68.2	67.7
107.5°	90.3	90.8	91.3	91.1	90.8	90.5	90.3	90.1	89.8	89.5	89.3
110°	110.9	111.4	111.9	111.9	111.9	111.9	111.9	111.7	111.4	111.1	110.9



REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

**CANDELA DISTRIBUTION (continued):**

	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°
112.5°	132.5	132.9	133.5	133.5	133.5	133.5	133.5	133.3	132.9	132.7	132.5
115°	154.1	154.6	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0
117.5°	176.2	176.4	176.7	176.9	177.1	177.4	177.7	177.4	177.1	176.9	176.7
120°	199.2	199.7	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2
122.5°	223.3	223.6	223.8	223.8	223.8	223.8	223.8	223.9	224.3	224.6	224.8
125°	247.8	248.1	248.3	248.5	248.8	249.1	249.3	249.3	249.3	249.3	249.3
127.5°	271.8	272.4	272.8	272.6	272.4	272.1	271.8	272.1	272.4	272.6	272.8
130°	294.5	294.9	295.5	295.5	295.5	295.5	295.5	295.6	295.9	296.2	296.4
132.5°	317.6	318.2	319.0	319.0	319.0	319.0	319.0	319.2	319.4	319.8	320.0
135°	340.1	340.7	341.5	341.5	341.5	341.5	341.5	341.7	342.1	342.3	342.5
137.5°	361.2	361.7	362.2	362.2	362.2	362.2	362.2	362.4	362.6	362.9	363.2
140°	382.3	382.6	382.8	382.8	382.8	382.8	382.8	383.3	383.8	384.3	384.7
142.5°	403.4	403.9	404.3	404.3	404.3	404.3	404.3	404.6	404.9	405.1	405.3
145°	425.0	425.4	426.0	425.8	425.4	425.2	425.0	425.2	425.4	425.8	426.0
147.5°	445.1	445.4	445.6	445.1	444.6	444.1	443.7	443.9	444.1	444.4	444.6
150°	461.8	462.1	462.3	461.8	461.3	460.8	460.3	460.3	460.3	460.3	460.3
152.5°	477.4	477.8	478.0	477.8	477.4	477.2	477.0	477.0	477.0	477.0	477.0
155°	494.2	494.4	494.7	494.4	494.2	493.9	493.7	493.9	494.2	494.4	494.7
157.5°	509.4	509.4	509.4	508.9	508.4	507.9	507.5	507.6	507.9	508.2	508.4
160°	522.2	522.2	522.2	521.6	521.2	520.7	520.2	520.2	520.2	520.2	520.2
162.5°	531.4	531.8	532.0	531.4	531.0	530.4	530.0	529.6	529.0	528.6	528.0
165°	542.3	542.6	542.8	541.9	541.3	540.6	539.8	539.3	538.8	538.4	537.8
167.5°	549.7	549.7	549.7	549.1	548.7	548.1	547.7	547.9	548.1	548.4	548.7
170°	555.1	554.7	554.5	554.3	554.1	553.7	553.5	554.1	554.5	555.1	555.5
172.5°	557.9	558.3	558.5	557.9	557.5	556.9	556.5	556.7	556.9	557.3	557.5
175°	561.9	562.2	562.4	561.6	560.9	560.3	559.5	558.9	558.5	557.9	557.5
177.5°	566.3	566.3	566.3	565.6	564.9	564.1	563.3	563.3	563.3	563.3	563.3
180°	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3



REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

**CANDELA DISTRIBUTION (continued):**

	77.5°	80°	85°	90°	95°	100°	102.5°	105°	107.5°	110°	112.5°
0°	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
2.5°	405.0	404.3	397.6	398.9	396.9	392.8	393.5	394.2	395.5	392.8	391.4
5°	304.5	305.2	296.4	299.0	297.0	296.4	298.3	301.8	303.9	303.2	301.1
7.5°	216.2	216.9	209.3	208.7	206.7	206.0	208.7	212.1	214.2	213.4	214.2
10°	178.7	176.6	169.7	164.9	160.1	156.0	155.4	155.4	155.4	154.0	152.6
12.5°	147.8	145.7	137.5	133.5	129.4	123.9	123.2	122.5	120.5	118.4	115.6
15°	114.9	112.8	106.1	103.3	99.9	97.8	97.2	97.2	95.8	94.4	93.1
17.5°	83.5	82.1	78.1	75.3	74.6	75.3	76.0	77.3	78.1	78.7	78.7
20°	62.9	62.3	60.9	60.9	61.5	63.6	64.3	66.4	67.0	68.5	69.8
22.5°	55.4	55.4	54.8	54.8	56.1	58.2	59.6	60.3	60.9	61.5	61.5
25°	51.3	51.3	50.7	52.0	54.1	54.1	54.1	54.1	52.7	52.0	52.0
27.5°	48.6	48.6	48.6	49.2	48.6	47.9	47.9	47.9	47.3	47.3	46.5
30°	46.5	46.5	46.5	45.8	45.8	45.2	45.2	44.5	44.5	43.7	43.7
32.5°	43.1	41.7	43.1	41.7	41.7	41.1	41.7	41.7	40.3	40.3	40.3
35°	34.2	33.6	33.6	33.6	32.9	33.6	34.9	34.9	34.9	34.9	34.9
37.5°	32.2	32.2	31.5	30.8	30.8	30.1	30.8	30.1	30.1	30.1	30.8
40°	31.5	30.8	30.1	30.1	29.5	28.7	28.7	28.7	28.7	28.7	28.7
42.5°	30.1	30.1	28.7	28.0	28.0	27.4	27.4	27.4	27.4	27.4	27.4
45°	29.5	28.7	28.0	27.4	26.7	26.7	26.7	26.7	26.7	26.7	26.1
47.5°	28.7	28.0	27.4	26.7	26.1	25.3	25.3	25.3	25.3	25.3	25.3
50°	28.0	27.4	26.1	26.1	25.3	24.6	24.6	24.6	24.6	24.6	24.6
52.5°	26.7	26.7	25.3	24.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0
55°	25.3	25.3	24.0	23.3	22.5	22.5	22.5	22.5	23.3	23.3	23.3
57.5°	24.6	24.0	22.5	22.5	21.2	21.2	21.2	21.9	21.9	22.5	22.5
60°	23.3	22.5	21.9	21.2	21.2	20.5	20.5	20.5	20.5	21.2	21.2
62.5°	22.5	21.9	20.5	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
65°	21.2	21.2	19.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
67.5°	19.9	19.9	18.4	17.8	17.8	17.8	18.4	17.8	17.8	17.8	17.8
70°	18.4	17.8	17.1	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
72.5°	16.3	16.3	15.7	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.7
75°	14.4	13.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
77.5°	12.3	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.7
80°	8.9	8.3	8.3	8.3	8.3	8.9	8.9	8.9	8.9	8.9	8.9
82.5°	5.5	4.9	4.9	4.9	5.5	6.2	6.2	6.2	6.2	6.8	6.8
85°	1.3	1.3	1.3	1.3	2.8	3.4	3.4	3.4	4.1	3.4	3.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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
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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
97.5°	4.7	4.4	4.0	4.0	4.0	4.4	4.7	4.9	5.4	5.9	6.4
100°	26.3	26.1	25.5	24.5	25.5	26.1	26.3	26.5	27.3	27.9	28.7
102.5°	47.3	47.6	48.1	47.1	48.1	47.6	47.3	47.1	47.6	48.1	48.6
105°	68.2	68.7	69.7	67.7	69.7	68.7	68.2	67.7	68.2	68.7	69.2
107.5°	89.5	89.8	90.3	89.3	90.3	89.8	89.5	89.3	89.5	89.8	90.1
110°	111.1	111.4	111.9	110.9	111.9	111.4	111.1	110.9	111.1	111.4	111.7



REPORT NUMBER: P271436  
 CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	77.5°	80°	85°	90°	95°	100°	102.5°	105°	107.5°	110°	112.5°	
112.5°	132.9	133.5	134.5	132.5	134.5	133.5	132.9	132.5	132.7	132.9	133.3	0°
115°	155.6	156.0	157.0	156.0	157.0	156.0	155.6	155.0	155.0	155.0	155.0	2.5°
117.5°	177.1	177.7	178.7	176.7	178.7	177.7	177.1	176.7	176.9	177.1	177.4	5°
120°	200.7	201.2	202.2	200.2	202.2	201.2	200.7	200.2	200.2	200.2	200.2	7.5°
122.5°	225.7	226.7	228.7	227.7	228.7	226.7	225.7	224.8	224.6	224.3	223.9	10°
125°	250.1	250.8	252.2	251.3	252.2	250.8	250.1	249.3	249.3	249.3	249.3	12.5°
127.5°	273.6	274.3	275.8	272.8	275.8	274.3	273.6	272.8	272.6	272.4	272.1	15°
130°	297.2	297.9	299.3	297.4	299.3	297.9	297.2	296.4	296.2	295.9	295.6	17.5°
132.5°	320.8	321.4	322.9	321.0	322.9	321.4	320.8	320.0	319.8	319.4	319.2	20°
135°	343.1	343.5	344.5	343.5	344.5	343.5	343.1	342.5	342.3	342.1	341.7	22.5°
137.5°	364.2	365.1	367.0	365.1	367.0	365.1	364.2	363.2	362.9	362.6	362.4	25°
140°	385.7	386.7	388.7	386.7	388.7	386.7	385.7	384.7	384.3	383.8	383.3	27.5°
142.5°	406.1	406.8	408.3	407.3	408.3	406.8	406.1	405.3	405.1	404.9	404.6	30°
145°	426.8	427.4	428.9	427.0	428.9	427.4	426.8	426.0	425.8	425.4	425.2	32.5°
147.5°	445.4	446.1	447.5	444.6	447.5	446.1	445.4	444.6	444.4	444.1	443.9	35°
150°	461.3	462.3	464.2	461.3	464.2	462.3	461.3	460.3	460.3	460.3	460.3	37.5°
152.5°	477.8	478.4	480.0	477.0	480.0	478.4	477.8	477.0	477.0	477.0	477.0	40°
155°	495.4	496.1	497.6	495.7	497.6	496.1	495.4	494.7	494.4	494.2	493.9	42.5°
157.5°	509.6	510.9	513.3	510.3	513.3	510.9	509.6	508.4	508.2	507.9	507.6	45°
160°	520.9	521.6	523.2	521.2	523.2	521.6	520.9	520.2	520.2	520.2	520.2	47.5°
162.5°	528.6	529.0	530.0	527.0	530.0	529.0	528.6	528.0	528.6	529.0	529.6	50°
165°	538.4	538.8	539.8	537.8	539.8	538.8	538.4	537.8	538.4	538.8	539.3	52.5°
167.5°	549.7	550.6	552.5	550.6	552.5	550.6	549.7	548.7	548.4	548.1	547.9	55°
170°	556.7	557.9	560.5	558.5	560.5	557.9	556.7	555.5	555.1	554.5	554.1	57.5°
172.5°	558.3	558.9	560.5	557.5	560.5	558.9	558.3	557.5	557.3	556.9	556.7	60°
175°	558.3	558.9	560.5	557.5	560.5	558.9	558.3	557.5	557.9	558.5	558.9	62.5°
177.5°	564.1	564.9	566.3	563.3	566.3	564.9	564.1	563.3	563.3	563.3	563.3	65°
180°	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	67.5°
												70°
												72.5°
												75°
												77.5°
												80°
												82.5°
												85°
												87.5°
												90°
												92.5°
												95°
												97.5°
												100°
												102.5°
												105°
												107.5°
												110°



NUMBER: P271436  
 NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

REPORT NUMBER: P  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

115°	117.5°	120°	122.5°	125°	127.5°	130°	135°	145°	155°	165°	115°	115°
478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	112.5°	133.5
390.0	398.3	398.3	392.8	395.5	392.8	392.1	396.9	399.7	408.5	414.0	115°	155.0
301.8	312.0	312.7	309.9	313.4	311.4	313.4	319.5	324.4	330.5	336.0	117.5°	177.7
215.5	225.1	227.2	225.1	231.3	230.7	231.9	238.8	242.9	246.3	247.0	120°	200.2
151.9	153.3	158.7	157.5	161.4	160.8	162.9	168.3	173.8	175.9	177.2	122.5°	223.8
114.3	112.8	114.9	112.2	114.3	114.3	114.9	118.4	125.2	128.0	134.7	125°	249.3
92.3	91.0	91.0	89.7	89.7	88.9	89.7	92.3	97.2	101.3	106.8	127.5°	271.8
78.7	78.7	78.7	78.1	77.3	77.3	78.1	79.4	82.1	84.9	87.6	130°	295.5
70.4	71.9	72.5	73.2	73.9	74.6	75.3	77.3	76.6	73.9	70.4	132.5°	319.0
61.5	61.5	62.3	62.3	61.5	61.5	61.5	61.5	61.5	63.6	65.7	135°	341.5
51.3	51.3	51.3	52.0	51.3	51.3	52.0	52.0	52.7	54.1	56.1	137.5°	362.2
46.5	46.5	46.5	46.5	46.5	46.5	46.5	47.3	47.9	49.9	51.3	140°	382.8
43.1	43.1	42.4	42.4	42.4	41.7	42.4	42.4	43.1	45.8	47.9	142.5°	404.3
39.6	39.0	39.0	39.0	38.3	38.3	38.3	39.6	40.3	41.7	43.7	145°	425.0
34.9	34.9	34.9	35.7	35.7	35.7	35.7	36.9	36.9	37.5	37.5	147.5°	443.7
31.5	31.5	32.2	32.9	32.9	33.6	33.6	34.2	34.9	34.2	33.6	150°	460.3
28.7	29.5	29.5	30.8	30.8	30.8	31.5	32.2	32.9	31.5	31.5	152.5°	477.0
27.4	27.4	27.4	28.0	28.0	28.0	28.7	29.5	30.1	30.1	30.1	155°	493.7
26.1	26.1	26.1	26.7	26.1	26.1	26.1	26.7	28.0	28.0	28.7	157.5°	507.5
25.3	25.3	25.3	24.6	24.6	24.6	24.6	25.3	26.1	27.4	28.0	160°	520.2
24.6	24.0	24.0	24.0	24.0	24.0	24.0	24.6	25.3	26.1	27.4	162.5°	530.0
23.3	23.3	23.3	23.3	23.3	23.3	23.3	24.0	24.6	25.3	26.1	165°	539.8
23.3	23.3	22.5	22.5	23.3	23.3	23.3	24.0	24.6	25.3	25.3	167.5°	547.7
22.5	21.9	21.9	22.5	22.5	22.5	22.5	23.3	24.0	24.6	24.6	170°	553.5
21.2	21.2	21.2	21.2	21.9	21.9	22.5	23.3	23.3	24.0	24.0	172.5°	556.5
19.9	20.5	20.5	20.5	21.2	21.2	21.9	22.5	23.3	24.0	23.3	175°	559.5
19.1	19.9	19.9	19.9	20.5	20.5	20.5	21.9	22.5	22.5	23.3	177.5°	563.3
18.4	18.4	18.4	19.1	19.1	19.9	19.9	21.2	21.2	21.9	22.5	180°	565.3
17.1	17.1	17.1	17.8	17.8	18.4	19.1	19.9	19.9	20.5	21.2		
15.7	15.7	15.7	16.3	16.3	17.1	17.8	19.1	18.4	19.1	19.1		
13.7	13.7	14.4	14.4	15.0	15.7	16.3	16.3	16.3	16.3	16.3		
11.7	11.7	12.3	12.3	12.9	13.7	13.7	13.7	14.4	13.7	13.7		
9.6	9.6	10.3	10.3	10.3	10.3	11.0	10.3	11.0	10.3	11.0		
6.8	6.8	7.5	6.8	7.5	6.8	6.8	6.2	7.5	6.8	6.8		
2.8	3.4	3.4	3.4	3.4	2.8	2.8	2.1	2.8	2.8	2.1		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0		
6.8	8.4	9.8	11.3	12.8	11.8	10.8	8.8	4.0	3.0	2.0		
29.5	29.9	30.5	30.9	31.4	30.9	30.5	29.5	21.6	13.7	9.8		
49.0	49.2	49.6	49.9	50.0	49.9	49.6	49.0	44.2	37.3	31.4		
69.7	69.7	69.7	69.7	69.7	69.5	69.2	68.7	64.8	59.8	55.0		
90.3	90.5	90.8	91.1	91.3	90.8	90.3	89.3	86.3	82.5	78.5		
111.9	111.9	111.9	111.9	111.9	111.4	110.9	110.0	108.0	104.0	101.1		

271436  
 ISC-AF-350-LED-E1-SLR-7027-ULG

REPORT NUMBER: P271436  
 CATALOG NUMBER: ISC-AF-35

**TION (continued):**

**CANDELA DISTRIBUTION (con**

117.5°	120°	122.5°	125°	127.5°	130°	135°	145°	155°	165°		175°	180°
133.5	133.5	133.5	133.5	132.9	132.5	131.5	129.5	126.6	123.7	0°	478.3	478.3
155.0	155.0	155.0	155.0	154.6	154.1	153.1	151.2	148.2	146.2	2.5°	416.1	415.4
177.4	177.1	176.9	176.7	176.4	176.2	175.7	173.7	170.8	168.8	5°	336.7	335.2
200.2	200.2	200.2	200.2	199.7	199.2	198.3	197.3	194.3	192.3	7.5°	240.8	238.1
223.8	223.8	223.8	223.8	223.6	223.3	222.8	221.8	218.8	216.9	10°	178.0	180.0
249.1	248.8	248.5	248.3	248.1	247.8	247.3	246.3	243.4	242.5	12.5°	142.3	150.6
272.1	272.4	272.6	272.8	272.4	271.8	270.9	269.0	267.0	265.0	15°	114.3	119.0
295.5	295.5	295.5	295.5	294.9	294.5	293.5	292.5	288.5	287.5	17.5°	88.2	90.3
319.0	319.0	319.0	319.0	318.2	317.6	316.0	315.0	312.1	311.2	20°	70.4	70.4
341.5	341.5	341.5	341.5	340.7	340.1	338.6	338.6	334.7	332.7	22.5°	61.5	60.9
362.2	362.2	362.2	362.2	361.7	361.2	360.2	360.2	357.3	356.3	25°	58.2	57.5
382.8	382.8	382.8	382.8	382.6	382.3	381.8	380.8	378.8	377.8	27.5°	52.7	53.4
404.3	404.3	404.3	404.3	403.9	403.4	402.4	402.4	399.5	400.5	30°	49.2	49.9
425.2	425.4	425.8	426.0	425.4	425.0	424.0	423.0	420.0	420.0	32.5°	45.2	45.8
444.1	444.6	445.1	445.6	445.4	445.1	444.6	443.7	439.7	438.7	35°	36.9	36.9
460.8	461.3	461.8	462.3	462.1	461.8	461.3	460.3	456.4	455.4	37.5°	34.2	34.2
477.2	477.4	477.8	478.0	477.8	477.4	477.0	476.0	473.0	474.0	40°	32.2	32.9
493.9	494.2	494.4	494.7	494.4	494.2	493.7	493.7	491.7	492.7	42.5°	30.8	30.8
507.9	508.4	508.9	509.4	509.4	509.4	509.4	509.4	506.5	507.5	45°	29.5	30.1
520.7	521.2	521.6	522.2	522.2	522.2	522.2	522.2	519.2	519.2	47.5°	28.7	28.7
530.4	531.0	531.4	532.0	531.8	531.4	531.0	531.0	528.0	529.0	50°	27.4	28.0
540.6	541.3	541.9	542.8	542.6	542.3	541.8	541.8	537.8	538.8	52.5°	26.7	27.4
548.1	548.7	549.1	549.7	549.7	549.7	549.7	550.6	547.7	548.7	55°	26.1	26.1
553.7	554.1	554.3	554.5	554.7	555.1	555.5	556.5	554.5	555.5	57.5°	24.6	25.3
556.9	557.5	557.9	558.5	558.3	557.9	557.5	558.5	556.5	558.5	60°	24.6	24.6
560.3	560.9	561.6	562.4	562.2	561.9	561.4	561.4	558.5	559.5	62.5°	24.0	24.0
564.1	564.9	565.6	566.3	566.3	566.3	566.3	567.3	563.3	564.3	65°	23.3	23.3
565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	67.5°	21.9	21.9
										70°	20.5	20.5
										72.5°	19.1	18.4
										75°	16.3	16.3
										77.5°	13.7	13.7
										80°	10.3	9.6
										82.5°	6.2	5.5
										85°	2.1	2.1
										87.5°	0.0	0.0
										90°	0.0	0.0
										92.5°	0.0	0.0
										95°	1.0	1.0
										97.5°	2.0	2.0
										100°	7.8	7.8
										102.5°	27.5	27.5
										105°	53.0	53.0
										107.5°	75.5	76.5
										110°	100.1	99.2



REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-S

0-LED-E1-SLR-7027-ULG

**tinued):**

**CANDELA DISTRIBUTION (continued):**

185°	195°	205°	215°	225°	230°	235°	240°	245°		175°	180°	185°
478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	112.5°	121.7	121.7	121.7
425.7	433.2	437.9	456.4	464.6	474.9	479.6	486.5	493.3	115°	144.3	143.3	144.3
347.6	357.2	365.4	392.1	407.8	422.2	433.8	444.8	460.5	117.5°	166.8	165.8	166.8
246.3	254.6	265.4	294.3	321.6	340.7	357.9	376.4	396.9	120°	191.4	189.5	191.4
188.1	200.5	214.9	236.7	258.6	272.4	287.4	307.8	332.6	122.5°	216.0	215.0	216.0
157.5	172.5	189.5	214.2	237.4	248.4	259.3	269.6	282.6	125°	241.5	239.5	241.5
124.5	138.9	159.4	188.1	215.5	227.9	240.8	253.2	264.8	127.5°	264.0	262.0	264.0
93.1	103.3	121.8	156.0	186.1	201.8	216.9	234.0	249.8	130°	286.6	284.7	286.6
71.1	76.0	88.9	115.6	152.6	172.5	191.6	213.4	236.1	132.5°	308.2	307.2	308.2
61.5	63.6	69.8	85.5	119.0	142.3	166.9	194.3	222.4	135°	330.8	329.8	330.8
56.9	58.2	61.5	69.1	93.1	117.7	143.0	175.9	210.0	137.5°	353.3	352.3	353.3
54.1	55.4	58.2	62.3	77.3	95.8	123.9	160.1	201.2	140°	375.9	375.0	375.9
50.7	52.0	56.9	61.5	70.4	82.1	106.1	141.7	187.5	142.5°	398.5	396.5	398.5
46.5	47.3	48.6	54.1	60.3	69.8	90.3	125.2	173.1	145°	418.1	417.2	418.1
37.5	39.6	42.4	47.9	54.1	61.5	80.8	114.3	164.2	147.5°	435.8	435.8	435.8
34.9	36.9	39.6	44.5	49.9	56.9	76.6	110.1	156.0	150°	453.5	452.5	453.5
32.9	34.9	37.5	43.1	46.5	54.8	74.6	104.0	147.8	152.5°	471.1	470.2	471.1
31.5	33.6	36.9	41.1	45.8	53.4	69.1	98.5	143.0	155°	490.7	489.8	490.7
30.1	32.2	36.3	39.6	46.5	50.7	65.7	94.4	138.9	157.5°	505.5	503.5	505.5
29.5	31.5	35.7	40.3	45.2	47.9	62.3	91.0	135.5	160°	517.2	515.3	517.2
28.7	30.8	34.9	44.5	43.1	45.8	59.6	88.2	133.5	162.5°	526.0	525.1	526.0
28.0	30.1	34.9	45.2	41.7	43.1	57.5	85.5	132.1	165°	536.8	535.9	536.8
26.7	29.5	34.9	41.7	39.0	41.7	53.4	81.5	128.6	167.5°	545.7	544.7	545.7
26.1	28.0	34.2	38.3	36.9	39.6	49.2	74.6	123.9	170°	552.5	551.6	552.5
25.3	27.4	34.2	34.2	34.9	37.5	44.5	66.4	115.6	172.5°	555.5	554.5	555.5
24.6	27.4	34.9	30.8	32.9	35.7	41.1	59.6	105.4	175°	558.5	556.5	558.5
24.0	26.1	30.1	29.5	31.5	33.6	39.6	54.8	96.5	177.5°	562.4	561.4	562.4
22.5	24.6	26.7	27.4	30.1	32.2	39.0	54.1	88.2	180°	565.3	565.3	565.3
20.5	22.5	24.0	26.1	28.0	30.8	39.0	53.4	82.1				
19.1	20.5	21.9	23.3	25.3	28.7	38.3	54.1	79.4				
16.3	17.8	19.1	20.5	22.5	26.7	36.3	50.7	71.1				
12.9	15.0	16.3	17.1	19.1	23.3	31.5	43.1	57.5				
9.6	11.7	12.3	13.7	15.0	17.8	24.6	31.5	42.4				
5.5	7.5	8.3	8.9	11.7	12.9	16.3	20.5	28.7				
2.1	3.4	4.1	4.9	6.8	7.5	10.3	12.9	15.0				
0.0	0.0	0.0	0.0	1.3	2.1	3.4	4.1	3.4				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				
2.0	2.0	3.0	4.0	8.8	10.8	12.8	9.8	6.8				
7.8	9.8	13.7	21.6	29.5	30.5	31.4	30.5	29.5				
27.5	31.4	37.3	44.2	49.0	49.6	50.0	49.6	49.0				
53.0	55.0	59.8	64.8	68.7	69.2	69.7	69.7	69.7				
75.5	78.5	82.5	86.3	89.3	90.3	91.3	90.8	90.3				
100.1	101.1	104.0	108.0	110.0	110.9	111.9	111.9	111.9				



REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-I

SLR-7027-ULG

**CANDELA DISTRIBUTION (continued):**

195°	205°	215°	225°	230°	235°	240°	245°		250°	255°	260°	265°
123.7	126.6	129.5	131.5	132.5	133.5	133.5	133.5	0°	478.3	478.3	478.3	478.3
146.2	148.2	151.2	153.1	154.1	155.0	155.0	155.0	2.5°	501.5	508.4	517.3	525.5
168.8	170.8	173.7	175.7	176.2	176.7	177.1	177.7	5°	472.9	485.8	504.9	520.7
192.3	194.3	197.3	198.3	199.2	200.2	200.2	200.2	7.5°	414.7	432.4	456.4	478.3
216.9	218.8	221.8	222.8	223.3	223.8	223.8	223.8	10°	353.8	378.4	403.7	431.7
242.5	243.4	246.3	247.3	247.8	248.3	248.8	249.3	12.5°	303.9	331.8	360.6	395.5
265.0	267.0	269.0	270.9	271.8	272.8	272.4	271.8	15°	282.6	307.2	340.7	379.1
287.5	288.5	292.5	293.5	294.5	295.5	295.5	295.5	17.5°	273.7	305.2	343.5	383.8
311.2	312.1	315.0	316.0	317.6	319.0	319.0	319.0	20°	264.1	307.2	358.5	407.8
332.7	334.7	338.6	338.6	340.1	341.5	341.5	341.5	22.5°	258.6	314.0	377.7	446.9
356.3	357.3	360.2	360.2	361.2	362.2	362.2	362.2	25°	257.3	329.8	410.5	502.2
377.8	378.8	380.8	381.8	382.3	382.8	382.8	382.8	27.5°	258.6	347.6	451.6	561.8
400.5	399.5	402.4	402.4	403.4	404.3	404.3	404.3	30°	252.5	366.1	492.7	613.8
420.0	420.0	423.0	424.0	425.0	426.0	425.4	425.0	32.5°	242.3	379.7	528.9	655.5
438.7	439.7	443.7	444.6	445.1	445.6	444.6	443.7	35°	230.7	385.9	555.0	694.6
455.4	456.4	460.3	461.3	461.8	462.3	461.3	460.3	37.5°	218.3	386.6	579.6	735.6
474.0	473.0	476.0	477.0	477.4	478.0	477.4	477.0	40°	211.4	383.8	604.9	786.3
492.7	491.7	493.7	493.7	494.2	494.7	494.2	493.7	42.5°	208.7	379.1	623.3	824.6
507.5	506.5	509.4	509.4	509.4	509.4	508.4	507.5	45°	208.7	374.3	640.5	853.3
519.2	519.2	522.2	522.2	522.2	522.2	521.2	520.2	47.5°	209.3	376.4	661.1	899.8
529.0	528.0	531.0	531.0	531.4	532.0	531.0	530.0	50°	212.8	399.7	695.8	951.1
538.8	537.8	541.8	541.8	542.3	542.8	541.3	539.8	52.5°	218.3	436.6	756.1	1012.0
548.7	547.7	550.6	549.7	549.7	549.7	548.7	547.7	55°	223.8	474.2	834.9	1114.0
555.5	554.5	556.5	555.5	555.1	554.5	554.1	553.5	57.5°	228.6	502.2	911.5	1215.2
558.5	556.5	558.5	557.5	557.9	558.5	557.5	556.5	60°	233.3	524.3	956.0	1260.4
559.5	558.5	561.4	561.4	561.9	562.4	560.9	559.5	62.5°	230.7	516.0	968.2	1237.9
564.3	563.3	567.3	566.3	566.3	566.3	564.9	563.3	65°	220.4	472.9	929.3	1159.8
565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	67.5°	192.2	397.6	809.6	1036.6
								70°	159.4	312.0	660.3	882.8
								72.5°	134.0	233.3	507.7	683.6
								75°	111.5	164.9	357.2	470.8
								77.5°	82.8	112.2	258.6	329.2
								80°	55.4	69.1	164.9	230.0
								82.5°	33.6	40.3	95.1	160.8
								85°	18.4	25.3	58.2	105.4
								87.5°	4.9	5.5	12.9	4.9
								90°	0.0	0.0	0.0	0.0
								92.5°	0.0	0.0	0.0	0.0
								95°	1.0	1.0	1.0	1.0
								97.5°	5.9	4.9	4.4	4.0
								100°	27.9	26.5	26.1	25.5
								102.5°	48.1	47.1	47.6	48.1
								105°	68.7	67.7	68.7	69.7
								107.5°	89.8	89.3	89.8	90.3
								110°	111.4	110.9	111.4	111.9





REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

JLG

**CANDELA DISTRIBUTION (continued):**

270°	275°	280°	285°	290°	295°	300°		250°	255°	260°	265°	270°
478.3	478.3	478.3	478.3	478.3	478.3	478.3	112.5°	132.9	132.5	133.5	134.5	132.5
531.7	537.2	544.0	544.0	552.2	555.0	560.5	115°	155.0	155.0	156.0	157.0	156.0
539.9	558.4	575.5	585.1	601.4	612.5	623.3	117.5°	177.1	176.7	177.7	178.7	176.7
506.4	536.5	564.6	590.5	617.9	641.2	658.3	120°	200.2	200.2	201.2	202.2	200.2
461.9	494.1	528.2	563.1	596.0	628.8	656.9	122.5°	224.3	224.8	226.7	228.7	227.7
430.4	464.6	504.9	535.1	569.3	602.1	629.5	125°	249.3	249.3	250.8	252.2	251.3
416.1	450.9	488.6	519.4	551.5	578.1	597.4	127.5°	272.4	272.8	274.3	275.8	272.8
423.6	466.0	499.5	525.5	549.4	561.8	564.6	130°	295.9	296.4	297.9	299.3	297.4
456.4	500.9	525.5	542.7	546.8	546.1	535.7	132.5°	319.4	320.0	321.4	322.9	321.0
507.7	559.7	576.8	573.4	556.3	534.4	517.3	135°	342.1	342.5	343.5	344.5	343.5
576.8	628.8	638.4	619.3	580.9	538.5	509.8	137.5°	362.6	363.2	365.1	367.0	365.1
649.4	702.7	699.3	670.6	615.9	556.3	510.5	140°	383.8	384.7	386.7	388.7	386.7
700.7	745.1	731.5	688.4	627.5	568.0	519.4	142.5°	404.9	405.3	406.8	408.3	407.3
754.0	787.6	763.0	716.5	653.4	592.6	542.7	145°	425.4	426.0	427.4	428.9	427.0
811.6	829.3	789.7	742.4	685.0	623.3	569.3	147.5°	444.1	444.6	446.1	447.5	444.6
867.0	874.5	817.0	766.4	710.3	654.9	605.5	150°	460.3	460.3	462.3	464.2	461.3
926.5	916.2	845.8	786.3	730.8	688.4	647.9	152.5°	477.0	477.0	478.4	480.0	477.0
977.9	955.3	872.4	806.0	756.1	720.5	692.5	155°	494.2	494.7	496.1	497.6	495.7
1016.2	986.8	897.8	825.3	780.8	758.9	745.1	157.5°	507.9	508.4	510.9	513.3	510.3
1049.0	1016.8	917.6	853.3	815.0	806.8	811.6	160°	520.2	520.2	521.6	523.2	521.2
1090.0	1049.0	944.3	884.8	861.6	869.6	897.0	162.5°	529.0	528.0	529.0	530.0	527.0
1153.7	1100.3	988.8	929.9	919.0	948.4	1000.4	165°	538.8	537.8	538.8	539.8	537.8
1256.3	1193.4	1067.5	1008.7	995.6	1040.8	1115.3	167.5°	548.1	548.7	550.6	552.5	550.6
1345.3	1297.4	1171.5	1100.3	1094.9	1143.5	1224.9	170°	554.5	555.5	557.9	560.5	558.5
1385.6	1380.9	1279.0	1213.3	1205.1	1250.2	1327.5	172.5°	556.9	557.5	558.9	560.5	557.5
1382.2	1421.9	1366.5	1320.0	1291.9	1329.5	1404.8	175°	558.5	557.5	558.9	560.5	557.5
1332.3	1397.3	1402.1	1391.1	1340.5	1343.2	1396.7	177.5°	563.3	563.3	564.9	566.3	563.3
1234.5	1311.7	1392.6	1389.0	1324.8	1268.0	1279.0	180°	565.3	565.3	565.3	565.3	565.3
1095.6	1161.9	1290.5	1316.6	1224.9	1118.7	1068.8						
877.9	955.3	1146.1	1182.5	1057.2	908.1	830.8						
605.5	707.5	1000.4	1003.9	858.2	714.4	630.9						
416.1	503.6	808.8	817.6	680.8	541.9	470.2						
279.9	337.3	593.3	555.6	449.6	375.7	357.2						
176.6	210.0	373.0	348.4	296.4	271.0	277.8						
82.1	114.9	203.9	199.2	186.8	163.5	142.3						
2.1	6.2	39.6	26.1	26.1	15.0	5.5						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
0.0	0.0	0.0	0.0	0.0	0.0	0.0						
1.0	1.0	1.0	1.0	1.0	1.0	1.0						
4.0	4.0	4.4	4.9	5.9	6.8	9.8						
24.5	25.5	26.1	26.5	27.9	29.5	30.5						
47.1	48.1	47.6	47.1	48.1	49.0	49.6						
67.7	69.7	68.7	67.7	68.7	69.7	69.7						
89.3	90.3	89.8	89.3	89.8	90.3	90.8						
110.9	111.9	111.4	110.9	111.4	111.9	111.9						



REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

**CANDELA DISTRIBUTION (continued):**

275°	280°	285°	290°	295°	300°		305°	310°	315°	325°	335°	340°
134.5	133.5	132.5	132.9	133.5	133.5	0°	478.3	478.3	478.3	478.3	478.3	478.3
157.0	156.0	155.0	155.0	155.0	155.0	2.5°	555.6	557.7	556.9	552.2	539.9	535.1
178.7	177.7	176.7	177.1	177.7	177.1	5°	622.6	626.1	622.0	610.4	578.9	563.9
202.2	201.2	200.2	200.2	200.2	200.2	7.5°	670.0	672.7	665.8	639.1	583.0	557.7
228.7	226.7	224.8	224.3	223.8	223.8	10°	678.8	685.0	677.4	639.1	574.1	542.7
252.2	250.8	249.3	249.3	249.3	248.8	12.5°	653.4	666.5	661.1	632.9	570.1	536.5
275.8	274.3	272.8	272.4	271.8	272.4	15°	614.5	615.9	619.3	618.7	562.5	529.6
299.3	297.9	296.4	295.9	295.5	295.5	17.5°	571.4	570.1	574.1	587.1	560.5	534.4
322.9	321.4	320.0	319.4	319.0	319.0	20°	532.3	530.3	534.4	547.4	552.2	546.1
344.5	343.5	342.5	342.1	341.5	341.5	22.5°	507.7	500.9	500.2	519.4	556.3	572.8
367.0	365.1	363.2	362.6	362.2	362.2	25°	494.1	486.5	489.9	511.9	573.4	604.2
388.7	386.7	384.7	383.8	382.8	382.8	27.5°	489.9	481.7	486.5	511.1	591.3	642.6
408.3	406.8	405.3	404.9	404.3	404.3	30°	492.7	484.5	486.5	516.0	600.1	651.5
428.9	427.4	426.0	425.4	425.0	425.4	32.5°	508.4	494.1	492.7	530.3	616.6	671.2
447.5	446.1	444.6	444.1	443.7	444.6	35°	529.6	509.1	506.4	553.5	637.8	696.5
464.2	462.3	460.3	460.3	460.3	461.3	37.5°	565.2	539.9	535.7	592.6	666.5	717.8
480.0	478.4	477.0	477.0	477.0	477.4	40°	613.1	587.9	587.9	642.6	705.5	747.2
497.6	496.1	494.7	494.2	493.7	494.2	42.5°	667.2	650.7	653.4	702.7	749.9	784.2
513.3	510.9	508.4	507.9	507.5	508.4	45°	739.0	730.1	743.8	778.7	795.1	818.4
523.2	521.6	520.2	520.2	520.2	521.2	47.5°	823.2	830.8	849.9	860.8	841.0	853.3
530.0	529.0	528.0	529.0	530.0	531.0	50°	928.6	948.4	966.8	964.2	897.8	893.6
539.8	538.8	537.8	538.8	539.8	541.3	52.5°	1049.7	1075.7	1088.7	1073.7	961.5	937.5
552.5	550.6	548.7	548.1	547.7	548.7	55°	1172.8	1204.4	1200.2	1183.1	1030.5	998.4
560.5	557.9	555.5	554.5	553.5	554.1	57.5°	1284.4	1309.0	1320.0	1283.0	1114.7	1072.3
560.5	558.9	557.5	556.9	556.5	557.5	60°	1372.7	1399.4	1399.4	1363.1	1206.4	1157.2
560.5	558.9	557.5	558.5	559.5	560.9	62.5°	1437.0	1458.2	1450.8	1415.8	1285.0	1247.5
566.3	564.9	563.3	563.3	563.3	564.9	65°	1432.2	1434.2	1426.1	1413.0	1332.3	1328.2
565.3	565.3	565.3	565.3	565.3	565.3	67.5°	1297.4	1298.1	1314.5	1309.0	1296.7	1347.4
						70°	1063.3	1074.4	1102.4	1094.1	1157.2	1261.1
						72.5°	809.6	816.4	849.9	842.3	927.9	1042.1
						75°	589.2	588.5	602.9	591.9	700.0	827.2
						77.5°	453.6	441.3	438.6	440.0	496.1	601.4
						80°	366.1	366.1	361.9	346.9	303.9	351.8
						82.5°	292.2	280.5	260.0	230.7	195.0	208.0
						85°	145.7	141.7	123.9	102.7	85.5	113.5
						87.5°	0.7	0.0	0.0	0.0	0.0	0.0
						90°	0.0	0.0	0.0	0.0	0.0	0.0
						92.5°	0.0	0.0	0.0	0.0	0.0	0.0
						95°	1.0	1.0	1.0	1.0	1.0	1.0
						97.5°	12.8	10.8	8.8	4.0	3.0	2.4
						100°	31.4	30.5	29.5	21.6	13.7	11.8
						102.5°	50.0	49.6	49.0	44.2	37.3	34.3
						105°	69.7	69.2	68.7	64.8	59.8	57.4
						107.5°	91.3	90.3	89.3	86.3	82.5	80.5
						110°	111.9	110.9	110.0	108.0	104.0	102.6

REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

**CANDELA DISTRIBUTION (continued):**

342.5°	345°	347.5°	350°	352.5°		305°	310°	315°	325°	335°	340°	342.5°
478.3	478.3	478.3	478.3	478.3	112.5°	133.5	132.5	131.5	129.5	126.6	125.1	124.4
533.1	527.6	521.5	521.5	516.0	115°	155.0	154.1	153.1	151.2	148.2	147.2	146.7
555.0	544.0	535.1	526.9	518.7	117.5°	176.7	176.2	175.7	173.7	170.8	169.8	169.3
544.0	531.0	520.1	505.7	492.7	120°	200.2	199.2	198.3	197.3	194.3	193.3	192.9
527.6	513.2	497.5	482.4	464.0	122.5°	223.8	223.3	222.8	221.8	218.8	217.9	217.4
518.7	501.5	482.4	466.7	445.5	125°	248.3	247.8	247.3	246.3	243.4	242.9	242.6
511.9	494.1	476.9	461.9	443.4	127.5°	272.8	271.8	270.9	269.0	267.0	266.0	265.4
522.8	505.7	493.3	476.2	461.9	130°	295.5	294.5	293.5	292.5	288.5	288.1	287.7
541.3	531.0	521.5	510.5	498.9	132.5°	319.0	317.6	316.0	315.0	312.1	311.6	311.4
576.2	574.7	574.1	565.9	557.7	135°	341.5	340.1	338.6	338.6	334.7	333.7	333.2
620.0	625.4	632.9	632.9	632.9	137.5°	362.2	361.2	360.2	360.2	357.3	356.8	356.4
665.1	678.8	693.2	699.3	703.5	140°	382.8	382.3	381.8	380.8	378.8	378.4	378.1
678.1	697.9	720.5	735.6	745.9	142.5°	404.3	403.4	402.4	402.4	399.5	399.9	400.3
699.3	721.9	747.2	764.4	782.9	145°	426.0	425.0	424.0	423.0	420.0	420.0	420.0
724.7	744.4	770.5	793.7	820.4	147.5°	445.6	445.1	444.6	443.7	439.7	439.2	438.9
745.9	771.8	799.9	830.0	864.3	150°	462.3	461.8	461.3	460.3	456.4	455.9	455.6
778.0	805.4	836.2	876.6	918.2	152.5°	478.0	477.4	477.0	476.0	473.0	473.6	473.9
813.7	843.0	875.2	915.6	964.2	155°	494.7	494.2	493.7	493.7	491.7	492.2	492.5
844.4	870.4	905.3	947.0	1002.5	157.5°	509.4	509.4	509.4	509.4	506.5	506.9	507.3
873.8	897.8	938.8	981.3	1036.0	160°	522.2	522.2	522.2	522.2	519.2	519.2	519.2
912.9	931.4	972.3	1020.9	1079.1	162.5°	532.0	531.4	531.0	531.0	528.0	528.6	528.8
953.2	978.5	1023.7	1079.1	1144.1	165°	542.8	542.3	541.8	541.8	537.8	538.4	538.6
1008.0	1038.0	1093.5	1156.5	1238.5	167.5°	549.7	549.7	549.7	550.6	547.7	548.1	548.4
1083.3	1114.7	1173.5	1244.1	1328.2	170°	554.5	555.1	555.5	556.5	554.5	555.1	555.3
1175.6	1206.4	1257.0	1326.9	1405.5	172.5°	558.5	557.9	557.5	558.5	556.5	557.5	557.9
1261.8	1304.2	1350.2	1402.1	1464.3	175°	562.4	561.9	561.4	561.4	558.5	558.9	559.3
1355.5	1388.4	1426.7	1446.6	1481.5	177.5°	566.3	566.3	566.3	567.3	563.3	563.9	564.1
1382.9	1410.2	1443.8	1443.8	1439.7	180°	565.3	565.3	565.3	565.3	565.3	565.3	565.3
1302.3	1344.0	1373.4	1373.4	1338.5								
1132.5	1202.3	1231.0	1248.8	1204.4								
920.3	1007.3	1054.5	1069.5	988.8								
675.3	730.8	737.0	739.0	630.3								
389.3	433.2	449.0	471.5	377.7								
225.8	242.3	269.0	278.6	230.0								
126.6	128.0	128.0	118.4	96.5								
0.0	0.0	0.0	0.0	0.0								
0.0	0.0	0.0	0.0	0.0								
0.0	0.0	0.0	0.0	0.0								
1.0	1.0	1.0	1.0	1.0								
2.2	2.0	2.0	2.0	2.0								
10.8	9.8	9.3	8.8	8.4								
32.9	31.4	30.5	29.5	28.5								
56.1	55.0	54.4	54.0	53.4								
79.5	78.5	77.7	77.1	76.4								
101.9	101.1	100.9	100.6	100.3								

REPORT NUMBER: P271436  
 CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

**CANDELA DISTRIBUTION (continued):**

345°	347.5°	350°	352.5°		355°	359°	360°
123.7	123.2	122.7	122.2	0°	478.3	478.3	478.3
146.2	145.7	145.3	144.8	2.5°	514.5	506.4	507.7
168.8	168.3	167.8	167.4	5°	507.0	495.4	491.4
192.3	192.1	191.9	191.6	7.5°	481.0	461.2	455.0
216.9	216.7	216.4	216.1	10°	449.6	424.3	419.5
242.5	242.3	241.9	241.6	12.5°	431.7	403.0	396.9
265.0	264.8	264.6	264.2	15°	426.3	398.9	392.1
287.5	287.4	287.1	286.8	17.5°	442.8	413.3	405.0
311.2	310.4	309.6	308.9	20°	480.3	445.5	435.9
332.7	332.2	331.7	331.3	22.5°	536.5	496.9	485.2
356.3	355.5	354.8	354.1	25°	612.5	567.3	555.6
377.8	377.4	376.9	376.4	27.5°	690.4	636.4	621.4
400.5	399.9	399.5	398.9	30°	735.6	685.7	670.6
420.0	419.6	419.1	418.6	32.5°	781.4	733.6	715.8
438.7	437.9	437.3	436.6	35°	830.0	781.4	763.6
455.4	454.9	454.5	453.9	37.5°	886.9	845.8	830.0
474.0	473.2	472.6	471.9	40°	954.6	916.9	894.4
492.7	492.2	491.7	491.2	42.5°	1010.8	975.8	954.6
507.5	506.9	506.5	505.9	45°	1051.7	1022.3	1000.4
519.2	518.7	518.2	517.7	47.5°	1089.4	1066.7	1044.9
529.0	528.2	527.6	526.9	50°	1136.5	1117.4	1102.4
538.8	538.4	537.8	537.4	52.5°	1200.2	1193.4	1180.5
548.7	547.9	547.2	546.5	55°	1294.0	1309.0	1290.5
555.5	554.7	554.1	553.4	57.5°	1382.9	1393.9	1385.6
558.5	557.7	556.9	556.3	60°	1452.6	1437.6	1427.4
559.5	559.3	558.9	558.7	62.5°	1488.3	1451.3	1434.2
564.3	563.9	563.3	562.9	65°	1490.4	1433.5	1407.6
565.3	565.3	565.3	565.3	67.5°	1443.8	1377.6	1347.4
				70°	1318.6	1242.0	1202.3
				72.5°	1107.9	990.1	963.4
				75°	812.2	667.9	652.1
				77.5°	492.0	383.8	363.4
				80°	277.1	220.4	213.4
				82.5°	157.5	123.9	130.7
				85°	64.3	32.2	35.7
				87.5°	0.0	0.0	0.0
				90°	0.0	0.0	0.0
				92.5°	0.0	0.0	0.0
				95°	1.0	1.0	1.0
				97.5°	2.0	2.0	2.0
				100°	7.8	7.8	7.8
				102.5°	27.5	27.5	27.5
				105°	53.0	53.0	53.0
				107.5°	75.5	76.4	76.5
				110°	100.1	99.4	99.2

REPORT NUMBER: P271436

CATALOG NUMBER: ISC-AF-350-LED-E1-SLR-7027-ULG

**CANDELA DISTRIBUTION (continued):**

	355°	359°	360°
112.5°	121.7	121.7	121.7
115°	144.3	143.5	143.3
117.5°	166.8	166.1	165.8
120°	191.4	189.8	189.5
122.5°	216.0	215.1	215.0
125°	241.5	239.8	239.5
127.5°	264.0	262.5	262.0
130°	286.6	285.0	284.7
132.5°	308.2	307.4	307.2
135°	330.8	329.9	329.8
137.5°	353.3	352.6	352.3
140°	375.9	375.1	375.0
142.5°	398.5	396.9	396.5
145°	418.1	417.4	417.2
147.5°	435.8	435.8	435.8
150°	453.5	452.7	452.5
152.5°	471.1	470.4	470.2
155°	490.7	489.9	489.8
157.5°	505.5	503.9	503.5
160°	517.2	515.6	515.3
162.5°	526.0	525.3	525.1
165°	536.8	536.1	535.9
167.5°	545.7	544.9	544.7
170°	552.5	551.8	551.6
172.5°	555.5	554.7	554.5
175°	558.5	556.9	556.5
177.5°	562.4	561.6	561.4
180°	565.3	565.3	565.3

(END OF REPORT)