

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: P271601

Luminaire Tested: **ISS-AF-1000-LED-E1-RW-7027-ULG**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271601
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29765)-DOWNLIGHT AND
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: ISS-AF-1000-LED-E1-RW-7027-ULG
Description: IMPACT ELITE LED QUATER SPHERE LUMINAIRE WITH UPLIGHT
LIGHT SQUARE WITH ACCULED OPTICS-RECTANGULAR WIDE TYPE I, 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: 6411.2 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.54')
IES Classification: Type II - Medium - Non-Cutoff
BUG Rating: B2 - U5 - G2

Input Watts (W): 71.3
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

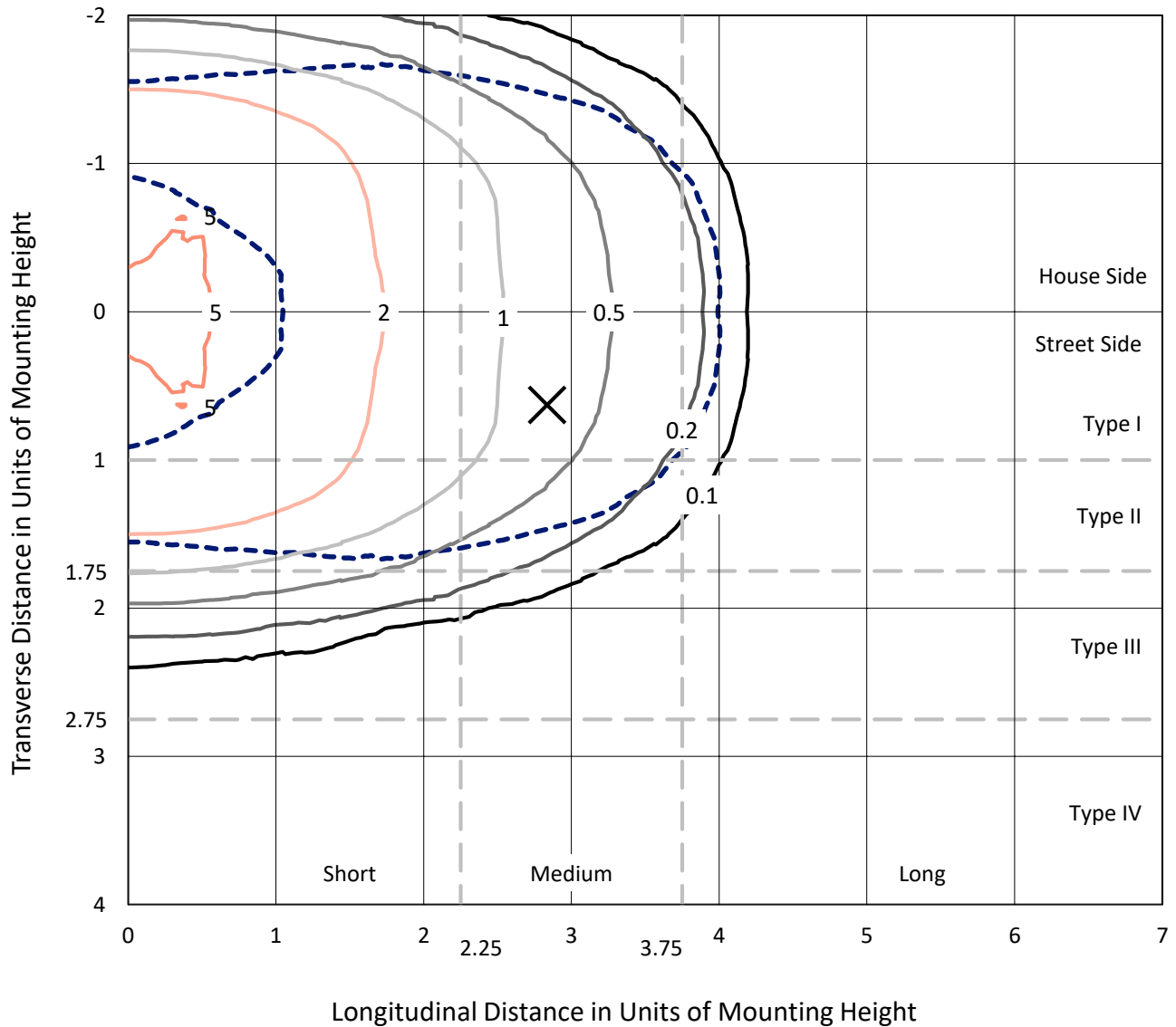


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Iso-Footcandle Lines of Horizontal Illumination

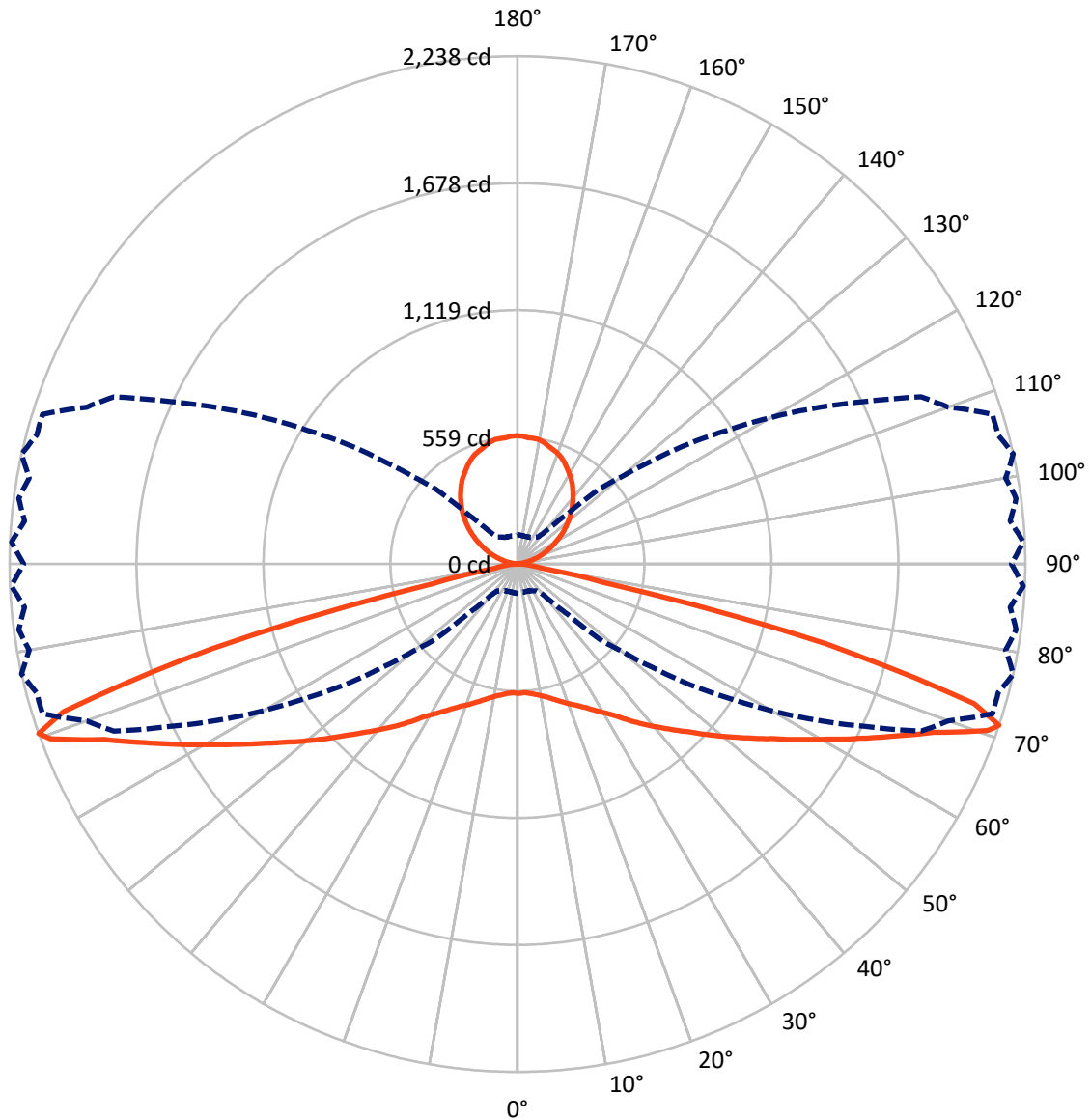
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 5.9 fc
 Type II - Medium - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 77.5-Deg Lateral - - - Horizontal Cone Through 71-Deg Vertical

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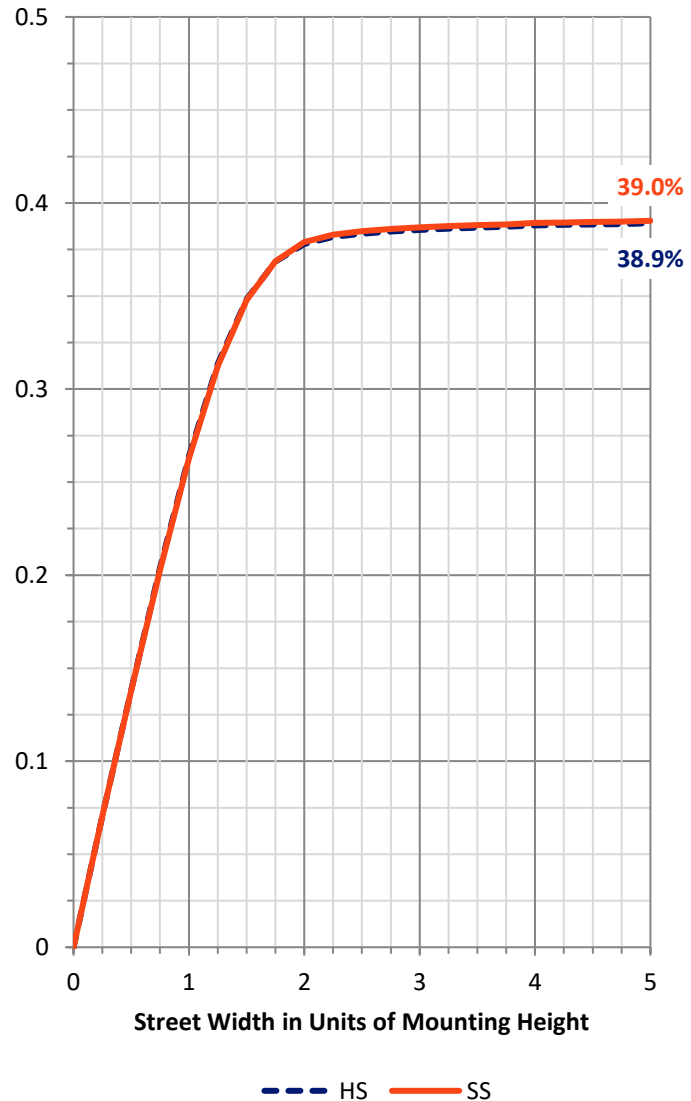
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2505.7	699.9	3205.6
	% Fixture	39.1	10.9	50.0
Street Side	Lumens	2505.7	699.9	3205.6
	% Fixture	39.1	10.9	50.0
Total	Lumens	5011.4	1399.8	6411.2
	% Fixture	78.2	21.8	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.1	0.9
10°-20°	172.3	2.7
20°-30°	322.4	5.0
30°-40°	561.1	8.8
40°-50°	915.5	14.3
50°-60°	1263.4	19.7
60°-70°	1198.5	18.7
70°-80°	493.3	7.7
80°-90°	29.8	0.5
90°-100°	4.7	0.1
100°-110°	67.7	1.1
110°-120°	150.2	2.3
120°-130°	219.7	3.4
130°-140°	260.7	4.1
140°-150°	264.3	4.1
150°-160°	226.8	3.5
160°-170°	152.2	2.4
170°-180°	53.3	0.8
0°-90°	5011.4	78.2
0°-180°	6411.2	100.0



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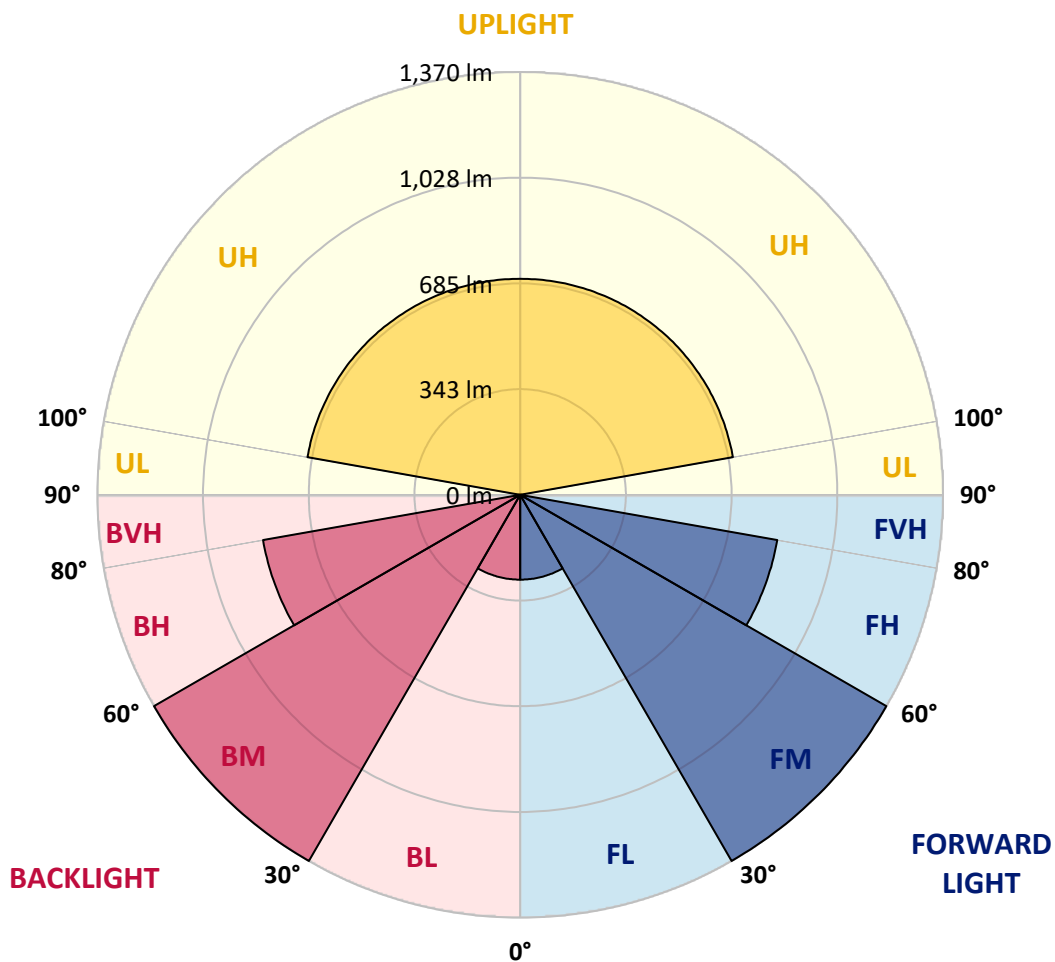
CATALOG NUMBER: ISS-AF-1000-LED-E1-RW-7027-ULG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	274.9	4.3			
FM	(30°-60°)	1370.0	21.4			
FH	(60°-80°)	845.9	13.2			G1/1800
FVH	(80°-90°)	14.9	0.2			G1/100
BL	(0°-30°)	274.9	4.3	B1/500		
BM	(30°-60°)	1370.0	21.4	B2/2500		
BH	(60°-80°)	845.9	13.2	B2/1000		G2/1000
BVH	(80°-90°)	14.9	0.2			G1/100
UL	(90°-100°)	4.7	0.1		U1/10	
UH	(100°-180°)	699.9	10.9		U4/1000	

BUG Rating: B2-U5-G2

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°	570.6	570.6	570.6	570.6	570.6	570.6	570.6	570.6	570.6	570.6	570.6
2.5°	569.0	567.3	569.0	569.0	570.6	570.6	570.6	570.6	569.0	572.3	572.3
5°	569.0	569.0	570.6	570.6	573.9	577.3	572.3	573.9	575.6	573.9	577.3
7.5°	569.0	569.0	569.0	572.3	577.3	580.6	577.3	579.0	582.2	582.2	585.5
10°	564.0	562.4	565.7	572.3	580.6	585.5	583.9	590.5	588.9	590.5	593.9
12.5°	555.7	555.7	562.4	572.3	587.2	590.5	592.3	595.6	600.4	598.8	603.8
15°	557.4	559.0	565.7	579.0	597.2	600.4	602.1	602.1	610.5	607.2	617.0
17.5°	569.0	570.6	577.3	590.5	612.1	612.1	613.8	617.0	628.7	622.1	635.3
20°	587.2	588.9	595.6	610.5	630.4	628.7	632.0	635.3	650.2	643.6	656.9
22.5°	608.8	612.1	620.4	637.0	658.5	648.6	655.2	661.9	676.9	665.1	683.4
25°	638.7	643.6	651.9	670.1	693.4	681.7	688.4	693.4	710.0	693.4	711.6
27.5°	681.7	685.0	691.8	711.6	731.6	723.2	726.5	730.0	749.7	731.6	751.4
30°	733.2	738.1	744.9	763.1	783.0	769.7	776.3	779.7	796.3	778.0	794.6
32.5°	798.0	802.8	811.2	827.8	844.4	824.5	826.1	831.1	847.7	829.5	847.7
35°	874.2	877.6	889.1	909.1	920.7	889.1	890.8	890.8	912.4	887.4	907.4
37.5°	953.8	957.1	970.3	990.3	1003.6	968.7	968.7	970.3	990.3	962.2	980.4
40°	1036.7	1046.7	1061.7	1081.6	1091.5	1051.6	1055.0	1053.4	1076.6	1043.4	1061.7
42.5°	1119.6	1128.0	1149.7	1172.7	1184.4	1144.6	1146.2	1141.3	1164.6	1129.7	1144.6
45°	1191.1	1197.7	1224.2	1257.4	1275.6	1234.2	1234.2	1234.2	1257.4	1214.3	1232.6
47.5°	1249.1	1254.0	1282.3	1330.4	1360.2	1318.8	1322.0	1315.5	1350.3	1297.2	1322.0
50°	1290.5	1292.2	1328.8	1383.5	1435.0	1396.8	1401.7	1404.9	1438.3	1391.7	1413.3
52.5°	1303.9	1307.1	1348.6	1415.0	1489.6	1464.8	1483.0	1489.6	1519.6	1469.8	1499.6
55°	1257.4	1265.7	1328.8	1426.6	1527.7	1519.6	1541.0	1554.3	1592.4	1551.0	1582.5
57.5°	1101.5	1111.5	1199.3	1360.2	1536.1	1549.4	1579.2	1600.8	1655.6	1630.6	1665.5
60°	879.2	887.4	977.1	1171.1	1431.6	1512.8	1580.8	1642.2	1698.7	1703.6	1748.4
62.5°	603.8	615.4	701.7	887.4	1204.3	1312.2	1410.0	1511.2	1605.8	1720.3	1778.3
65°	295.3	301.9	375.0	554.1	884.1	1021.8	1136.3	1279.0	1367.0	1531.1	1625.7
67.5°	162.5	162.5	174.2	230.5	472.8	608.8	731.6	910.7	1000.4	1202.7	1323.7
70°	136.0	136.0	132.7	141.0	179.1	212.3	275.4	378.3	502.6	706.7	816.1
71°	129.4	127.6	126.1	129.4	144.3	150.9	177.4	232.2	315.1	487.7	595.6
72.5°	121.1	117.8	112.7	114.4	122.8	122.8	127.6	136.0	167.5	228.9	307.0
75°	104.6	101.1	96.2	96.2	97.8	99.5	101.1	104.6	106.2	109.4	122.8
77.5°	86.2	82.9	78.0	78.0	76.3	78.0	81.3	82.9	79.6	86.2	87.9
80°	66.4	61.4	59.6	59.6	58.1	56.4	56.4	56.4	58.1	61.4	63.0
82.5°	41.5	38.2	39.9	38.2	36.5	36.5	36.5	36.5	38.2	38.2	41.5
85°	19.9	19.9	21.6	19.9	16.6	16.6	14.9	13.3	14.9	13.3	16.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
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	3.0	4.0	5.1	6.4	7.6	8.8	9.8	10.8
100°	7.8	7.8	9.8	13.7	21.6	23.5	25.5	27.5	29.5	29.9	30.5
102.5°	27.5	27.5	31.4	37.3	44.2	45.4	46.6	47.9	49.0	49.2	49.6
105°	53.0	53.0	55.0	59.8	64.8	65.8	66.7	67.7	68.7	68.9	69.2
107.5°	76.5	75.5	78.5	82.5	86.3	87.1	87.9	88.6	89.3	89.8	90.3



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CANDELA DISTRIBUTION (continued):

	0°	5°	15°	25°	35°	37.5°	40°	42.5°	45°	47.5°	50°
110°	99.2	100.1	101.1	104.0	108.0	108.4	109.0	109.4	110.0	110.4	110.9
112.5°	121.7	121.7	123.7	126.6	129.5	130.1	130.5	131.1	131.5	132.1	132.5
115°	143.3	144.3	146.2	148.2	151.2	151.6	152.2	152.6	153.1	153.6	154.1
117.5°	165.8	166.8	168.8	170.8	173.7	174.2	174.7	175.2	175.7	175.9	176.2
120°	189.5	191.4	192.3	194.3	197.3	197.4	197.8	198.1	198.3	198.7	199.2
122.5°	215.0	216.0	216.9	218.8	221.8	222.0	222.3	222.6	222.8	223.0	223.3
125°	239.5	241.5	242.5	243.4	246.3	246.6	246.9	247.1	247.3	247.6	247.8
127.5°	262.0	264.0	265.0	267.0	269.0	269.4	269.9	270.4	270.9	271.4	271.8
130°	284.7	286.6	287.5	288.5	292.5	292.7	292.9	293.3	293.5	293.9	294.5
132.5°	307.2	308.2	311.2	312.1	315.0	315.2	315.6	315.8	316.0	316.8	317.6
135°	329.8	330.8	332.7	334.7	338.6	338.6	338.6	338.6	338.6	339.4	340.1
137.5°	352.3	353.3	356.3	357.3	360.2	360.2	360.2	360.2	360.2	360.7	361.2
140°	375.0	375.9	377.8	378.8	380.8	381.0	381.3	381.6	381.8	382.0	382.3
142.5°	396.5	398.5	400.5	399.5	402.4	402.4	402.4	402.4	402.4	402.9	403.4
145°	417.2	418.1	420.0	420.0	423.0	423.2	423.6	423.8	424.0	424.4	425.0
147.5°	435.8	435.8	438.7	439.7	443.7	443.9	444.1	444.4	444.6	444.8	445.1
150°	452.5	453.5	455.4	456.4	460.3	460.5	460.8	461.1	461.3	461.5	461.8
152.5°	470.2	471.1	474.0	473.0	476.0	476.2	476.6	476.8	477.0	477.2	477.4
155°	489.8	490.7	492.7	491.7	493.7	493.7	493.7	493.7	493.7	493.9	494.2
157.5°	503.5	505.5	507.5	506.5	509.4	509.4	509.4	509.4	509.4	509.4	509.4
160°	515.3	517.2	519.2	519.2	522.2	522.2	522.2	522.2	522.2	522.2	522.2
162.5°	525.1	526.0	529.0	528.0	531.0	531.0	531.0	531.0	531.0	531.2	531.4
165°	535.9	536.8	538.8	537.8	541.8	541.8	541.8	541.8	541.8	541.9	542.3
167.5°	544.7	545.7	548.7	547.7	550.6	550.4	550.1	549.9	549.7	549.7	549.7
170°	551.6	552.5	555.5	554.5	556.5	556.3	556.1	555.7	555.5	555.3	555.1
172.5°	554.5	555.5	558.5	556.5	558.5	558.3	557.9	557.7	557.5	557.7	557.9
175°	556.5	558.5	559.5	558.5	561.4	561.4	561.4	561.4	561.4	561.6	561.9
177.5°	561.4	562.4	564.3	563.3	567.3	567.1	566.8	566.5	566.3	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



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CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0°	570.6	570.6	570.6	570.6	570.6	570.6	570.6	570.6	570.6	570.6	570.6
2.5°	567.3	570.6	569.0	570.6	567.3	570.6	565.7	570.6	569.0	570.6	567.3
5°	572.3	577.3	572.3	579.0	572.3	579.0	572.3	579.0	573.9	579.0	572.3
7.5°	577.3	587.2	580.6	588.9	580.6	590.5	580.6	590.5	583.9	592.3	580.6
10°	587.2	598.8	588.9	598.8	588.9	600.4	588.9	602.1	592.3	605.5	590.5
12.5°	595.6	608.8	598.8	612.1	597.2	615.4	600.4	620.4	603.8	623.7	603.8
15°	607.2	623.7	613.8	628.7	613.8	633.7	615.4	638.7	620.4	642.0	620.4
17.5°	623.7	642.0	628.7	647.0	630.4	651.9	632.0	656.9	638.7	660.3	638.7
20°	647.0	661.9	648.6	668.5	650.2	670.1	653.6	673.5	658.5	678.5	658.5
22.5°	673.5	686.8	676.9	688.4	671.8	688.4	671.8	688.4	676.9	693.4	676.9
25°	703.4	713.3	701.7	713.3	698.3	711.6	696.7	710.0	698.3	713.3	701.7
27.5°	743.2	748.2	734.8	744.9	726.5	739.8	723.2	736.5	724.9	738.1	730.0
30°	786.3	791.2	778.0	784.6	764.7	773.0	754.8	766.3	756.5	766.3	761.4
32.5°	834.3	841.0	826.1	829.5	812.9	814.5	799.5	804.5	796.3	799.5	798.0
35°	889.1	897.5	880.9	885.8	867.5	867.5	854.3	852.6	849.3	846.0	846.0
37.5°	958.9	962.2	948.9	948.9	927.3	927.3	910.7	910.7	904.1	897.5	894.2
40°	1035.0	1036.7	1015.3	1013.6	992.0	992.0	973.8	968.7	957.1	948.9	943.8
42.5°	1116.4	1114.8	1083.3	1086.5	1055.0	1056.7	1033.5	1028.5	1016.9	1006.9	997.0
45°	1199.3	1192.7	1161.1	1159.5	1123.0	1124.7	1096.5	1093.1	1076.6	1066.6	1055.0
47.5°	1283.9	1280.6	1245.8	1237.4	1199.3	1197.7	1161.1	1161.1	1144.6	1134.6	1123.0
50°	1371.8	1370.3	1330.4	1325.4	1285.7	1279.0	1235.9	1235.9	1215.9	1212.6	1196.0
52.5°	1468.1	1461.5	1418.3	1416.6	1378.4	1373.5	1327.1	1323.7	1293.9	1292.2	1274.0
55°	1562.6	1551.0	1522.8	1509.5	1471.4	1469.8	1428.2	1420.0	1381.9	1381.9	1358.6
57.5°	1648.9	1639.0	1615.7	1604.1	1567.6	1562.6	1517.9	1517.9	1484.7	1483.0	1458.1
60°	1738.5	1741.7	1716.9	1711.9	1677.0	1675.4	1630.6	1630.6	1597.5	1595.7	1567.6
62.5°	1814.8	1847.9	1838.0	1841.3	1811.4	1806.5	1761.7	1758.3	1720.3	1715.2	1692.0
65°	1740.2	1856.3	1930.9	1980.7	1977.3	1975.7	1932.5	1926.0	1877.7	1864.5	1826.3
67.5°	1461.5	1612.4	1748.4	1897.7	2007.3	2090.2	2115.0	2105.1	2063.6	2025.5	1979.0
70°	978.7	1152.9	1325.4	1511.2	1698.7	1881.1	2068.5	2149.8	2236.2	2206.2	2198.0
71°	744.9	924.0	1096.5	1292.2	1491.3	1693.7	1924.3	2020.5	2194.6	2193.0	2237.8
72.5°	419.7	579.0	763.1	933.9	1121.4	1330.4	1567.6	1673.8	1924.3	1974.0	2103.4
75°	134.4	184.2	243.9	384.8	501.0	691.8	867.5	973.8	1139.6	1222.5	1403.4
77.5°	89.7	99.5	102.9	119.5	134.4	190.8	258.8	316.8	348.4	364.9	383.1
80°	64.7	69.7	73.0	81.3	82.9	92.9	92.9	102.9	101.1	107.9	102.9
82.5°	41.5	46.4	48.1	51.5	53.1	59.6	63.0	69.7	69.7	73.0	71.3
85°	19.9	23.3	23.3	26.5	26.5	31.5	31.5	36.5	36.5	41.5	39.9
87.5°	1.7	1.7	1.7	3.3	3.3	3.3	5.0	6.6	6.6	6.6	6.6
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°	11.8	12.8	11.3	9.8	8.4	6.8	6.4	5.9	5.4	4.9	4.7
100°	30.9	31.4	30.9	30.5	29.9	29.5	28.7	27.9	27.3	26.5	26.3
102.5°	49.9	50.0	49.9	49.6	49.2	49.0	48.6	48.1	47.6	47.1	47.3
105°	69.5	69.7	69.7	69.7	69.7	69.7	69.2	68.7	68.2	67.7	68.2
107.5°	90.8	91.3	91.1	90.8	90.5	90.3	90.1	89.8	89.5	89.3	89.5



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CANDELA DISTRIBUTION (continued):

	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
110°	111.4	111.9	111.9	111.9	111.9	111.9	111.7	111.4	111.1	110.9	111.1
112.5°	132.9	133.5	133.5	133.5	133.5	133.5	133.3	132.9	132.7	132.5	132.9
115°	154.6	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.0	155.6
117.5°	176.4	176.7	176.9	177.1	177.4	177.7	177.4	177.1	176.9	176.7	177.1
120°	199.7	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.7
122.5°	223.6	223.8	223.8	223.8	223.8	223.8	223.9	224.3	224.6	224.8	225.7
125°	248.1	248.3	248.5	248.8	249.1	249.3	249.3	249.3	249.3	249.3	250.1
127.5°	272.4	272.8	272.6	272.4	272.1	271.8	272.1	272.4	272.6	272.8	273.6
130°	294.9	295.5	295.5	295.5	295.5	295.5	295.6	295.9	296.2	296.4	297.2
132.5°	318.2	319.0	319.0	319.0	319.0	319.0	319.2	319.4	319.8	320.0	320.8
135°	340.7	341.5	341.5	341.5	341.5	341.5	341.7	342.1	342.3	342.5	343.1
137.5°	361.7	362.2	362.2	362.2	362.2	362.2	362.4	362.6	362.9	363.2	364.2
140°	382.6	382.8	382.8	382.8	382.8	382.8	383.3	383.8	384.3	384.7	385.7
142.5°	403.9	404.3	404.3	404.3	404.3	404.3	404.6	404.9	405.1	405.3	406.1
145°	425.4	426.0	425.8	425.4	425.2	425.0	425.2	425.4	425.8	426.0	426.8
147.5°	445.4	445.6	445.1	444.6	444.1	443.7	443.9	444.1	444.4	444.6	445.4
150°	462.1	462.3	461.8	461.3	460.8	460.3	460.3	460.3	460.3	460.3	461.3
152.5°	477.8	478.0	477.8	477.4	477.2	477.0	477.0	477.0	477.0	477.0	477.8
155°	494.4	494.7	494.4	494.2	493.9	493.7	493.9	494.2	494.4	494.7	495.4
157.5°	509.4	509.4	508.9	508.4	507.9	507.5	507.6	507.9	508.2	508.4	509.6
160°	522.2	522.2	521.6	521.2	520.7	520.2	520.2	520.2	520.2	520.2	520.9
162.5°	531.8	532.0	531.4	531.0	530.4	530.0	529.6	529.0	528.6	528.0	528.6
165°	542.6	542.8	541.9	541.3	540.6	539.8	539.3	538.8	538.4	537.8	538.4
167.5°	549.7	549.7	549.1	548.7	548.1	547.7	547.9	548.1	548.4	548.7	549.7
170°	554.7	554.5	554.3	554.1	553.7	553.5	554.1	554.5	555.1	555.5	556.7
172.5°	558.3	558.5	557.9	557.5	556.9	556.5	556.7	556.9	557.3	557.5	558.3
175°	562.2	562.4	561.6	560.9	560.3	559.5	558.9	558.5	557.9	557.5	558.3
177.5°	566.3	566.3	565.6	564.9	564.1	563.3	563.3	563.3	563.3	563.3	564.1
180°	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3

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CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
0°	570.6	570.6	570.6	570.6	570.6
2.5°	572.3	570.6	572.3	569.0	572.3
5°	580.6	573.9	582.2	573.9	582.2
7.5°	593.9	585.5	595.6	582.2	593.9
10°	605.5	593.9	607.2	593.9	605.5
12.5°	625.4	607.2	628.7	607.2	628.7
15°	645.3	623.7	650.2	627.1	648.6
17.5°	663.6	643.6	668.5	645.3	666.8
20°	680.2	661.9	683.4	660.3	683.4
22.5°	696.7	685.0	701.7	685.0	701.7
25°	718.3	710.0	721.6	710.0	721.6
27.5°	743.2	739.8	746.5	738.1	748.2
30°	771.4	773.0	774.7	773.0	776.3
32.5°	806.2	814.5	811.2	811.2	811.2
35°	854.3	869.2	859.3	862.6	860.9
37.5°	899.1	920.7	907.4	912.4	909.1
40°	948.9	963.8	960.5	960.5	957.1
42.5°	1003.6	1021.8	1016.9	1018.5	1015.3
45°	1063.3	1079.9	1073.3	1071.6	1073.3
47.5°	1131.3	1149.7	1141.3	1139.6	1141.3
50°	1202.7	1224.2	1217.7	1214.3	1217.7
52.5°	1280.6	1307.1	1303.9	1300.6	1305.5
55°	1371.8	1396.8	1393.5	1396.8	1398.4
57.5°	1463.1	1491.3	1484.7	1492.9	1496.3
60°	1577.5	1594.1	1595.7	1597.5	1599.2
62.5°	1693.7	1700.3	1705.3	1710.2	1711.9
65°	1828.1	1829.7	1833.0	1828.1	1833.0
67.5°	1957.5	1945.8	1944.1	1949.1	1952.5
70°	2158.2	2158.2	2141.6	2164.7	2145.0
71°	2184.7	2216.2	2179.6	2231.1	2176.4
72.5°	2055.3	2113.4	2071.9	2118.3	2063.6
75°	1429.9	1564.3	1562.6	1629.0	1575.9
77.5°	396.4	371.6	396.4	341.7	326.8
80°	107.9	97.8	106.2	89.7	101.1
82.5°	71.3	61.4	59.6	48.1	51.5
85°	41.5	31.5	31.5	25.0	26.5
87.5°	6.6	1.7	6.6	3.3	5.0
90°	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0
95°	1.0	1.0	1.0	1.0	1.0
97.5°	4.4	4.1	4.0	4.0	4.0
100°	26.1	25.7	25.5	25.1	24.5
102.5°	47.6	47.9	48.1	47.6	47.1
105°	68.7	69.2	69.7	68.7	67.7
107.5°	89.8	90.1	90.3	89.8	89.3



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CATALOG NUMBER: ISS-AF-1000-LED-E1-RW-7027-ULG

CANDELA DISTRIBUTION (continued):

	80°	82.5°	85°	87.5°	90°
110°	111.4	111.7	111.9	111.4	110.9
112.5°	133.5	133.9	134.5	133.5	132.5
115°	156.0	156.6	157.0	156.6	156.0
117.5°	177.7	178.1	178.7	177.7	176.7
120°	201.2	201.7	202.2	201.2	200.2
122.5°	226.7	227.7	228.7	228.2	227.7
125°	250.8	251.4	252.2	251.7	251.3
127.5°	274.3	275.0	275.8	274.3	272.8
130°	297.9	298.6	299.3	298.3	297.4
132.5°	321.4	322.1	322.9	322.0	321.0
135°	343.5	344.1	344.5	344.1	343.5
137.5°	365.1	366.1	367.0	366.1	365.1
140°	386.7	387.7	388.7	387.7	386.7
142.5°	406.8	407.5	408.3	407.8	407.3
145°	427.4	428.1	428.9	428.0	427.0
147.5°	446.1	446.7	447.5	446.1	444.6
150°	462.3	463.3	464.2	462.8	461.3
152.5°	478.4	479.2	480.0	478.4	477.0
155°	496.1	496.9	497.6	496.7	495.7
157.5°	510.9	512.1	513.3	511.9	510.3
160°	521.6	522.4	523.2	522.2	521.2
162.5°	529.0	529.6	530.0	528.6	527.0
165°	538.8	539.3	539.8	538.8	537.8
167.5°	550.6	551.6	552.5	551.6	550.6
170°	557.9	559.3	560.5	559.5	558.5
172.5°	558.9	559.6	560.5	558.9	557.5
175°	558.9	559.6	560.5	558.9	557.5
177.5°	564.9	565.6	566.3	564.9	563.3
180°	565.3	565.3	565.3	565.3	565.3

(END OF REPORT)