

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: P271481

Luminaire Tested: **ISC-AF-1200-LED-E1-RW-7027-ULG**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P271481
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: ISC-AF-1200-LED-E1-RW-7027-ULG
Description: IMPACT ELITE LED CYLINDER 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: 7102.2 lumens
Efficiency: N/A
Efficacy: 85.9 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): 82.7
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

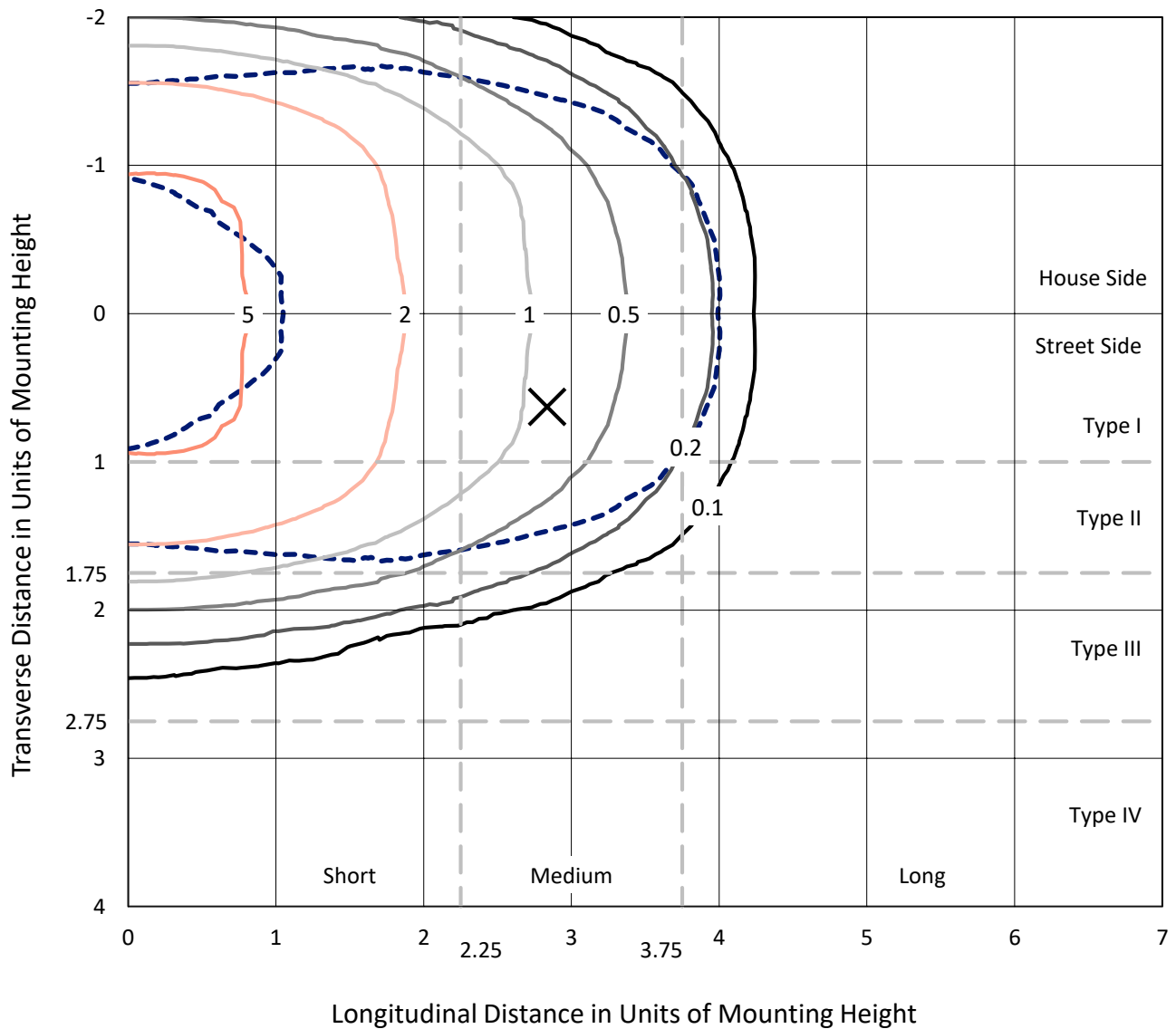


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Iso-Footcandle Lines of Horizontal Illumination

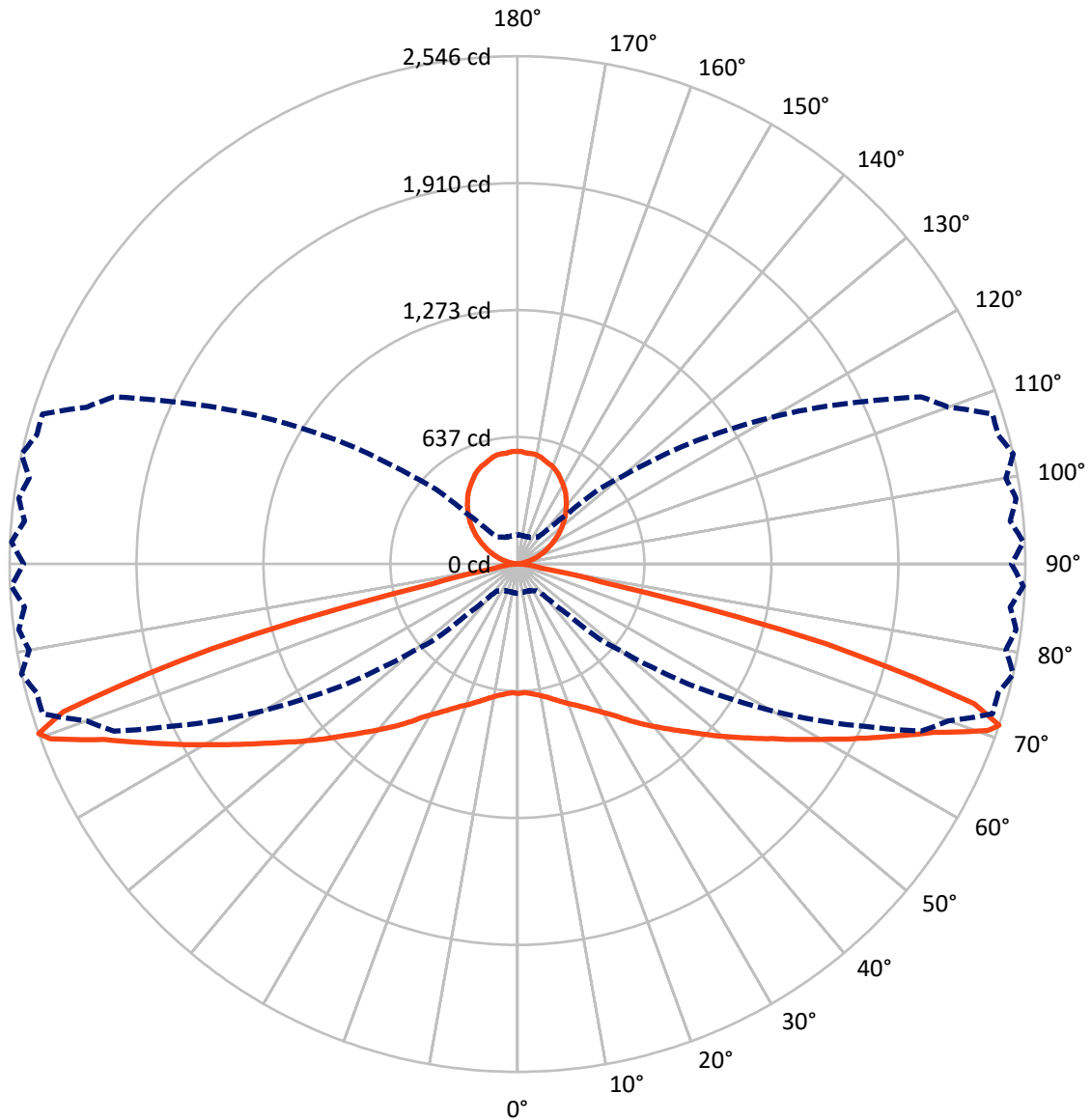
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 6.7 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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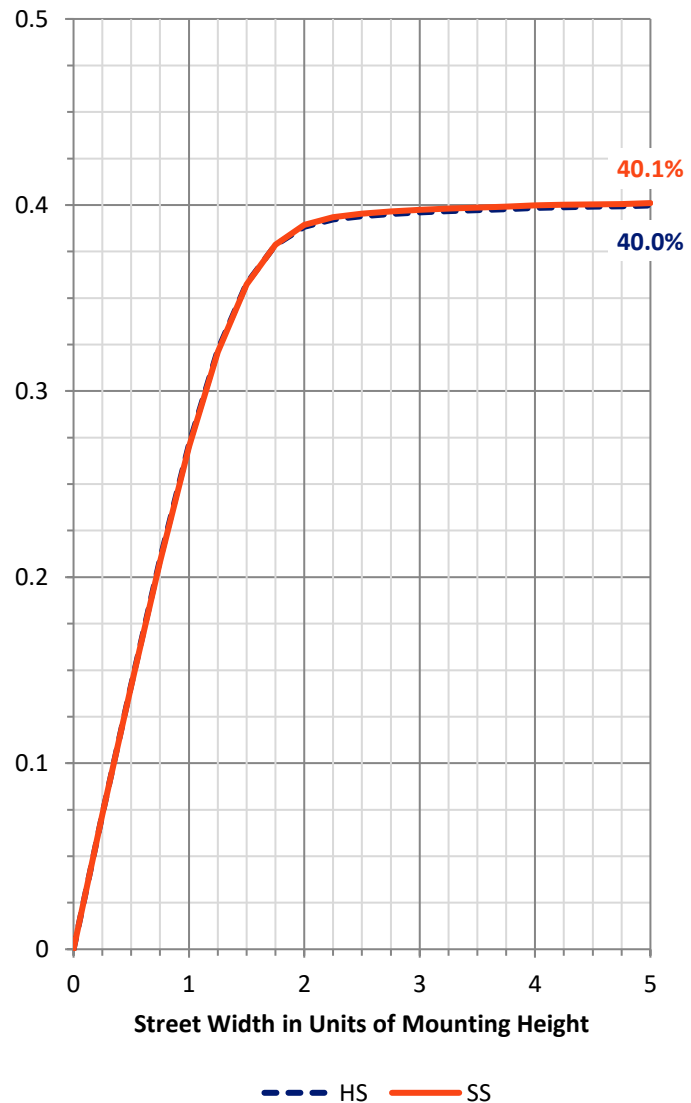
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2851.2	699.9	3551.1
	% Fixture	40.1	9.9	50.0
Street Side	Lumens	2851.2	699.9	3551.1
	% Fixture	40.1	9.9	50.0
Total	Lumens	5702.4	1399.8	7102.2
	% Fixture	80.3	19.7	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.7	0.9
10°-20°	196.0	2.8
20°-30°	366.8	5.2
30°-40°	638.5	9.0
40°-50°	1041.7	14.7
50°-60°	1437.6	20.2
60°-70°	1363.7	19.2
70°-80°	561.4	7.9
80°-90°	33.9	0.5
90°-100°	4.7	0.1
100°-110°	67.7	1.0
110°-120°	150.2	2.1
120°-130°	219.7	3.1
130°-140°	260.7	3.7
140°-150°	264.3	3.7
150°-160°	226.8	3.2
160°-170°	152.2	2.1
170°-180°	53.3	0.8
0°-90°	5702.4	80.3
0°-180°	7102.2	100.0



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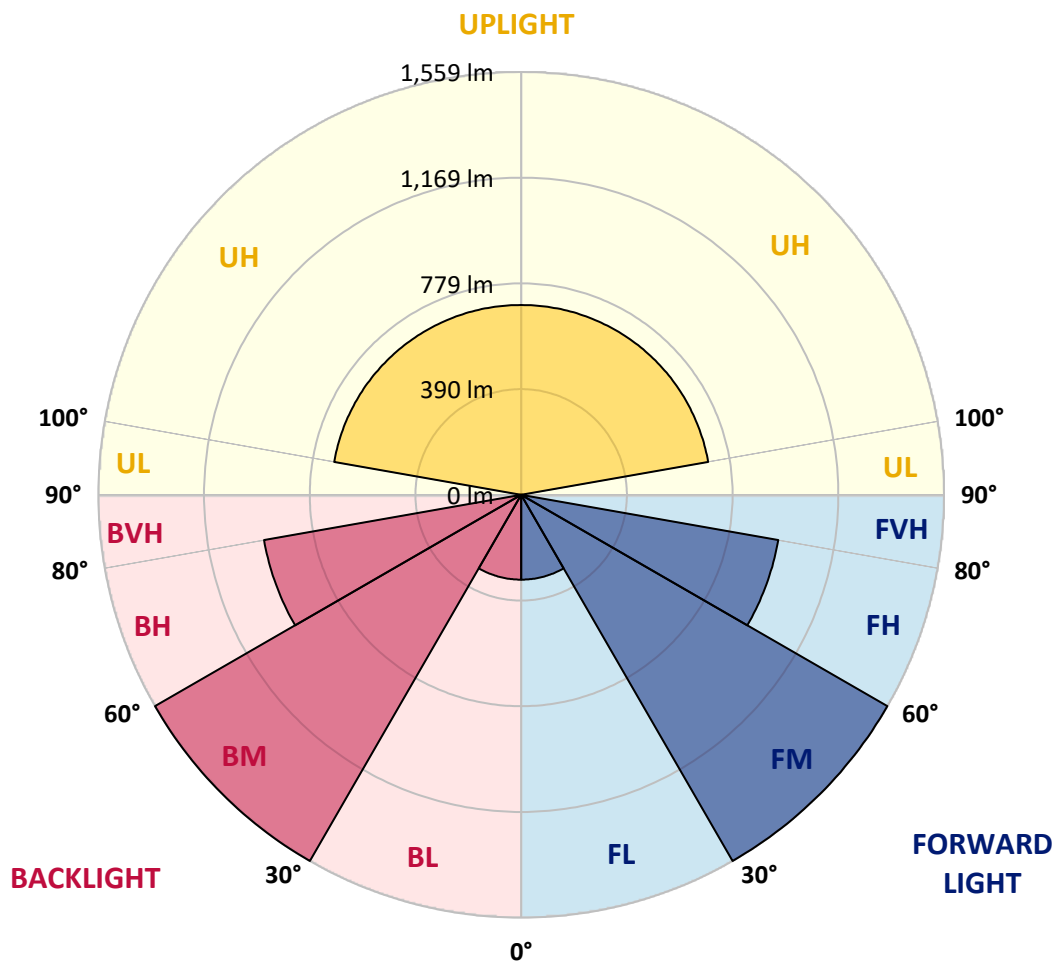
CATALOG NUMBER: ISC-AF-1200-LED-E1-RW-7027-ULG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	312.8	4.4			
FM (30°-60°)	1558.9	21.9			
FH (60°-80°)	962.5	13.6			G1/1800
FVH (80°-90°)	17.0	0.2			G1/100
BL (0°-30°)	312.8	4.4	B1/500		
BM (30°-60°)	1558.9	21.9	B2/2500		
BH (60°-80°)	962.5	13.6	B2/1000		G2/1000
BVH (80°-90°)	17.0	0.2			G1/100
UL (90°-100°)	4.7	0.1		U1/10	
UH (100°-180°)	699.9	9.9		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°	649.4	649.4	649.4	649.4	649.4	649.4	649.4	649.4	649.4	649.4	649.4
2.5°	647.4	645.5	647.4	647.4	649.4	649.4	649.4	649.4	647.4	651.2	651.2
5°	647.4	647.4	649.4	649.4	653.1	656.9	651.2	653.1	655.0	653.1	656.9
7.5°	647.4	647.4	647.4	651.2	656.9	660.6	656.9	658.7	662.5	662.5	666.4
10°	641.7	640.0	643.6	651.2	660.6	666.4	664.5	671.9	670.0	671.9	675.7
12.5°	632.4	632.4	640.0	651.2	668.2	671.9	673.9	677.6	683.3	681.5	687.0
15°	634.2	636.1	643.6	658.7	679.5	683.3	685.1	685.1	694.6	690.9	702.1
17.5°	647.4	649.4	656.9	671.9	696.5	696.5	698.4	702.1	715.4	707.9	723.0
20°	668.2	670.0	677.6	694.6	717.3	715.4	719.1	723.0	739.9	732.4	747.5
22.5°	692.8	696.5	706.0	724.8	749.4	738.0	745.6	753.0	770.2	756.9	777.7
25°	726.7	732.4	741.8	762.6	789.0	775.8	783.3	789.0	807.8	789.0	809.7
27.5°	775.8	779.5	787.2	809.7	832.4	822.9	826.7	830.6	853.2	832.4	855.1
30°	834.3	839.9	847.6	868.3	890.8	875.8	883.3	887.2	906.0	885.3	904.1
32.5°	907.8	913.6	923.0	942.0	960.7	938.1	940.0	945.6	964.5	943.8	964.5
35°	994.7	998.6	1011.7	1034.4	1047.6	1011.7	1013.6	1013.6	1038.1	1009.9	1032.5
37.5°	1085.3	1089.1	1104.3	1126.8	1141.9	1102.3	1102.3	1104.3	1126.8	1094.8	1115.5
40°	1179.7	1191.1	1208.0	1230.7	1242.0	1196.7	1200.5	1198.6	1225.0	1187.3	1208.0
42.5°	1274.1	1283.6	1308.1	1334.5	1347.6	1302.5	1304.2	1298.6	1325.1	1285.5	1302.5
45°	1355.3	1362.8	1393.0	1430.8	1451.5	1404.3	1404.3	1404.3	1430.8	1381.8	1402.4
47.5°	1421.3	1427.0	1459.0	1513.8	1547.8	1500.6	1504.4	1496.8	1536.6	1476.1	1504.4
50°	1468.5	1470.4	1511.9	1574.2	1632.7	1589.3	1595.0	1598.7	1636.5	1583.6	1608.1
52.5°	1483.6	1487.4	1534.6	1610.1	1695.0	1666.7	1687.5	1695.0	1729.0	1672.4	1706.3
55°	1430.8	1440.3	1511.9	1623.2	1738.4	1729.0	1753.5	1768.7	1812.0	1764.9	1800.7
57.5°	1253.3	1264.6	1364.7	1547.8	1747.9	1762.9	1797.0	1821.5	1883.7	1855.4	1895.2
60°	1000.4	1009.9	1111.7	1332.6	1629.0	1721.4	1798.9	1868.7	1932.8	1938.5	1989.5
62.5°	687.0	700.3	798.4	1009.9	1370.4	1493.1	1604.5	1719.5	1827.2	1957.4	2023.4
65°	336.0	343.5	426.5	630.4	1006.1	1162.8	1293.0	1455.3	1555.3	1742.3	1849.8
67.5°	185.1	185.1	198.2	262.3	537.9	692.8	832.4	1036.3	1138.2	1368.5	1506.3
70°	154.8	154.8	151.1	160.4	203.8	241.6	313.3	430.4	572.0	804.2	928.7
71°	147.2	145.3	143.5	147.2	164.2	171.8	202.0	264.2	358.6	555.0	677.6
72.5°	137.8	133.9	128.4	130.3	139.7	139.7	145.3	154.8	190.6	260.5	349.2
75°	118.9	115.2	109.4	109.4	111.4	113.3	115.2	118.9	120.8	124.5	139.7
77.5°	98.2	94.4	88.8	88.8	86.9	88.8	92.4	94.4	90.5	98.2	100.0
80°	75.5	69.9	67.9	67.9	66.0	64.2	64.2	64.2	66.0	69.9	71.8
82.5°	47.3	43.4	45.4	43.4	41.5	41.5	41.5	41.5	43.4	43.4	47.3
85°	22.6	22.6	24.5	22.6	18.9	18.9	17.0	15.1	17.0	15.1	18.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
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°	649.4	649.4	649.4	649.4	649.4	649.4	649.4	649.4	649.4	649.4	649.4
2.5°	645.5	649.4	647.4	649.4	645.5	649.4	643.6	649.4	647.4	649.4	645.5
5°	651.2	656.9	651.2	658.7	651.2	658.7	651.2	658.7	653.1	658.7	651.2
7.5°	656.9	668.2	660.6	670.0	660.6	671.9	660.6	671.9	664.5	673.9	660.6
10°	668.2	681.5	670.0	681.5	670.0	683.3	670.0	685.1	673.9	689.0	671.9
12.5°	677.6	692.8	681.5	696.5	679.5	700.3	683.3	706.0	687.0	709.8	687.0
15°	690.9	709.8	698.4	715.4	698.4	721.1	700.3	726.7	706.0	730.5	706.0
17.5°	709.8	730.5	715.4	736.1	717.3	741.8	719.1	747.5	726.7	751.3	726.7
20°	736.1	753.0	738.0	760.7	739.9	762.6	743.7	766.3	749.4	772.0	749.4
22.5°	766.3	781.4	770.2	783.3	764.5	783.3	764.5	783.3	770.2	789.0	770.2
25°	800.3	811.7	798.4	811.7	794.7	809.7	792.8	807.8	794.7	811.7	798.4
27.5°	845.7	851.3	836.2	847.6	826.7	841.8	822.9	838.1	824.8	839.9	830.6
30°	894.7	900.4	885.3	892.8	870.2	879.6	858.8	872.1	860.8	872.1	866.3
32.5°	949.5	957.0	940.0	943.8	925.0	926.8	909.8	915.5	906.0	909.8	907.8
35°	1011.7	1021.1	1002.3	1008.0	987.1	987.1	972.1	970.2	966.5	962.6	962.6
37.5°	1091.0	1094.8	1079.8	1079.8	1055.1	1055.1	1036.3	1036.3	1028.6	1021.1	1017.4
40°	1177.9	1179.7	1155.2	1153.3	1128.8	1128.8	1108.0	1102.3	1089.1	1079.8	1074.0
42.5°	1270.3	1268.5	1232.6	1236.3	1200.5	1202.4	1175.9	1170.3	1157.1	1145.8	1134.4
45°	1364.7	1357.2	1321.2	1319.4	1277.9	1279.7	1247.7	1244.0	1225.0	1213.7	1200.5
47.5°	1460.9	1457.2	1417.5	1408.1	1364.7	1362.8	1321.2	1321.2	1302.5	1291.0	1277.9
50°	1561.1	1559.1	1513.8	1508.2	1462.9	1455.3	1406.3	1406.3	1383.6	1379.8	1360.9
52.5°	1670.5	1662.9	1613.9	1612.0	1568.6	1562.9	1510.1	1506.3	1472.3	1470.4	1449.7
55°	1778.0	1764.9	1732.8	1717.6	1674.4	1672.4	1625.2	1615.7	1572.3	1572.3	1545.9
57.5°	1876.2	1864.9	1838.5	1825.3	1783.8	1778.0	1727.1	1727.1	1689.4	1687.5	1659.2
60°	1978.2	1981.9	1953.6	1948.0	1908.3	1906.5	1855.4	1855.4	1817.7	1815.8	1783.8
62.5°	2065.0	2102.8	2091.4	2095.2	2061.3	2055.5	2004.6	2000.9	1957.4	1951.7	1925.2
65°	1980.0	2112.2	2197.2	2253.8	2250.0	2248.1	2199.1	2191.4	2136.7	2121.5	2078.2
67.5°	1662.9	1834.7	1989.5	2159.3	2283.9	2378.4	2406.6	2395.3	2348.1	2304.7	2251.8
70°	1113.7	1311.9	1508.2	1719.5	1932.8	2140.5	2353.8	2446.3	2544.4	2510.4	2501.0
71°	847.6	1051.4	1247.7	1470.4	1696.9	1927.2	2189.6	2299.0	2497.3	2495.3	2546.3
72.5°	477.6	658.7	868.3	1062.7	1276.0	1513.8	1783.8	1904.6	2189.6	2246.2	2393.4
75°	152.9	209.6	277.5	437.9	570.1	787.2	987.1	1108.0	1296.7	1391.1	1596.8
77.5°	102.0	113.3	117.0	135.9	152.9	217.1	294.5	360.5	396.4	415.3	436.0
80°	73.6	79.3	83.0	92.4	94.4	105.7	105.7	117.0	115.2	122.7	117.0
82.5°	47.3	52.8	54.8	58.5	60.4	67.9	71.8	79.3	79.3	83.0	81.2
85°	22.6	26.4	26.4	30.3	30.3	35.8	35.8	41.5	41.5	47.3	45.4
87.5°	1.9	1.9	1.9	3.8	3.8	3.8	5.7	7.5	7.5	7.5	7.5
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°	649.4	649.4	649.4	649.4	649.4
2.5°	651.2	649.4	651.2	647.4	651.2
5°	660.6	653.1	662.5	653.1	662.5
7.5°	675.7	666.4	677.6	662.5	675.7
10°	689.0	675.7	690.9	675.7	689.0
12.5°	711.5	690.9	715.4	690.9	715.4
15°	734.3	709.8	739.9	713.5	738.0
17.5°	755.0	732.4	760.7	734.3	758.8
20°	773.9	753.0	777.7	751.3	777.7
22.5°	792.8	779.5	798.4	779.5	798.4
25°	817.3	807.8	821.1	807.8	821.1
27.5°	845.7	841.8	849.3	839.9	851.3
30°	877.7	879.6	881.5	879.6	883.3
32.5°	917.3	926.8	923.0	923.0	923.0
35°	972.1	989.0	977.7	981.5	979.6
37.5°	1023.1	1047.6	1032.5	1038.1	1034.4
40°	1079.8	1096.7	1092.9	1092.9	1089.1
42.5°	1141.9	1162.8	1157.1	1158.9	1155.2
45°	1209.9	1228.8	1221.2	1219.4	1221.2
47.5°	1287.3	1308.1	1298.6	1296.7	1298.6
50°	1368.5	1393.0	1385.5	1381.8	1385.5
52.5°	1457.2	1487.4	1483.6	1479.9	1485.4
55°	1561.1	1589.3	1585.6	1589.3	1591.2
57.5°	1664.8	1696.9	1689.4	1698.9	1702.6
60°	1795.0	1813.9	1815.8	1817.7	1819.6
62.5°	1927.2	1934.8	1940.4	1946.1	1948.0
65°	2080.0	2082.0	2085.8	2080.0	2085.8
67.5°	2227.3	2214.1	2212.3	2217.8	2221.7
70°	2455.7	2455.7	2436.8	2463.2	2440.7
71°	2485.9	2521.8	2480.2	2538.8	2476.4
72.5°	2338.6	2404.8	2357.5	2410.4	2348.1
75°	1627.1	1780.0	1778.0	1853.7	1793.2
77.5°	451.1	422.8	451.1	388.9	371.9
80°	122.7	111.4	120.8	102.0	115.2
82.5°	81.2	69.9	67.9	54.8	58.5
85°	47.3	35.8	35.8	28.3	30.3
87.5°	7.5	1.9	7.5	3.8	5.7
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: ISC-AF-1200-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)