Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P271435

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

Issue Date: 3/3/2020

Report Generated By E9970913

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P271435
	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-SLL-7027-ULG
Description:	IMPACT ELITE LED CYLINDER LUMINAIRE WITH UPLIGHT
	LIGHT SQUARE WITH ACCULED OPTICS-90° SPILL LIGHT ELIMINATOR LEFT, 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

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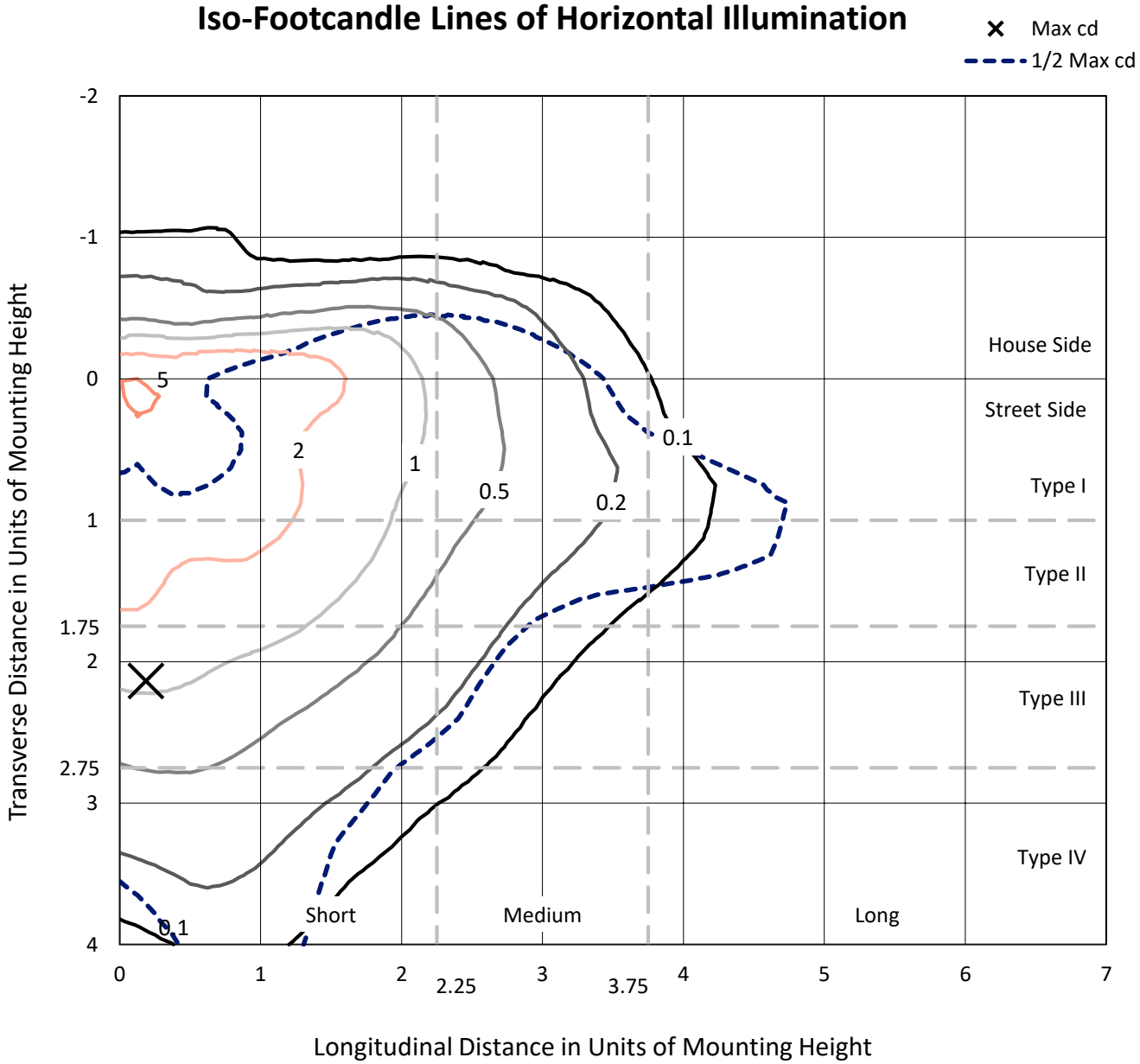
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 6.5 fc
Type IV - Short - Non-Cutoff

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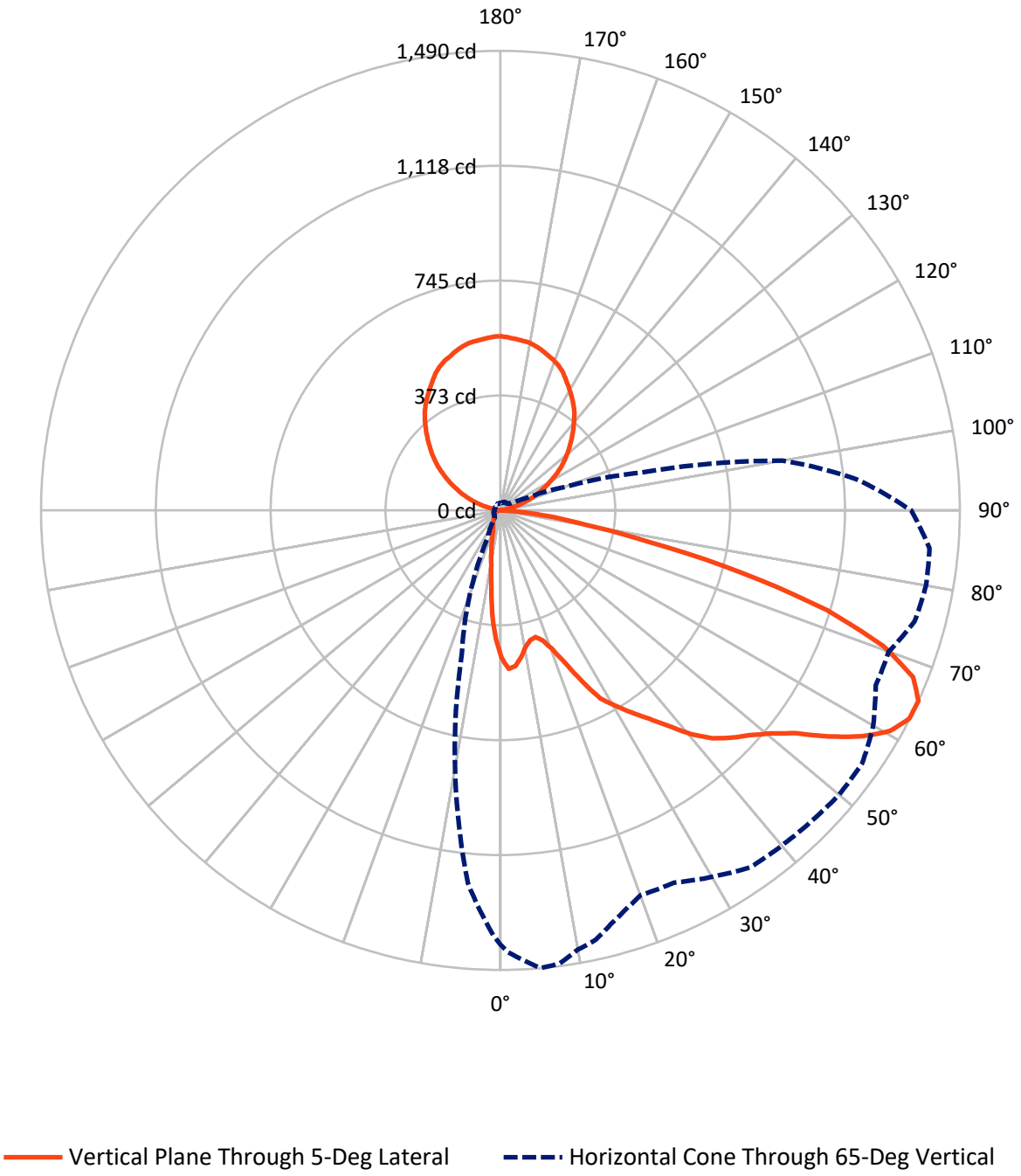
Luminous Intensity Polar Plot



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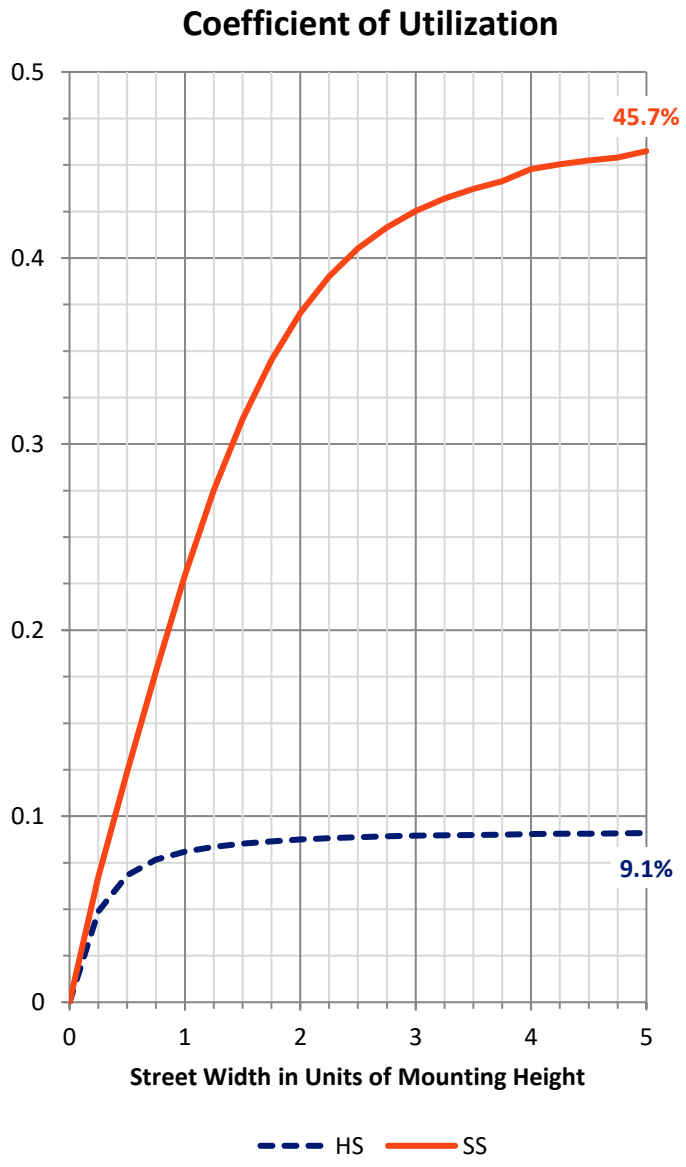
FLUX DISTRIBUTION:

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

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



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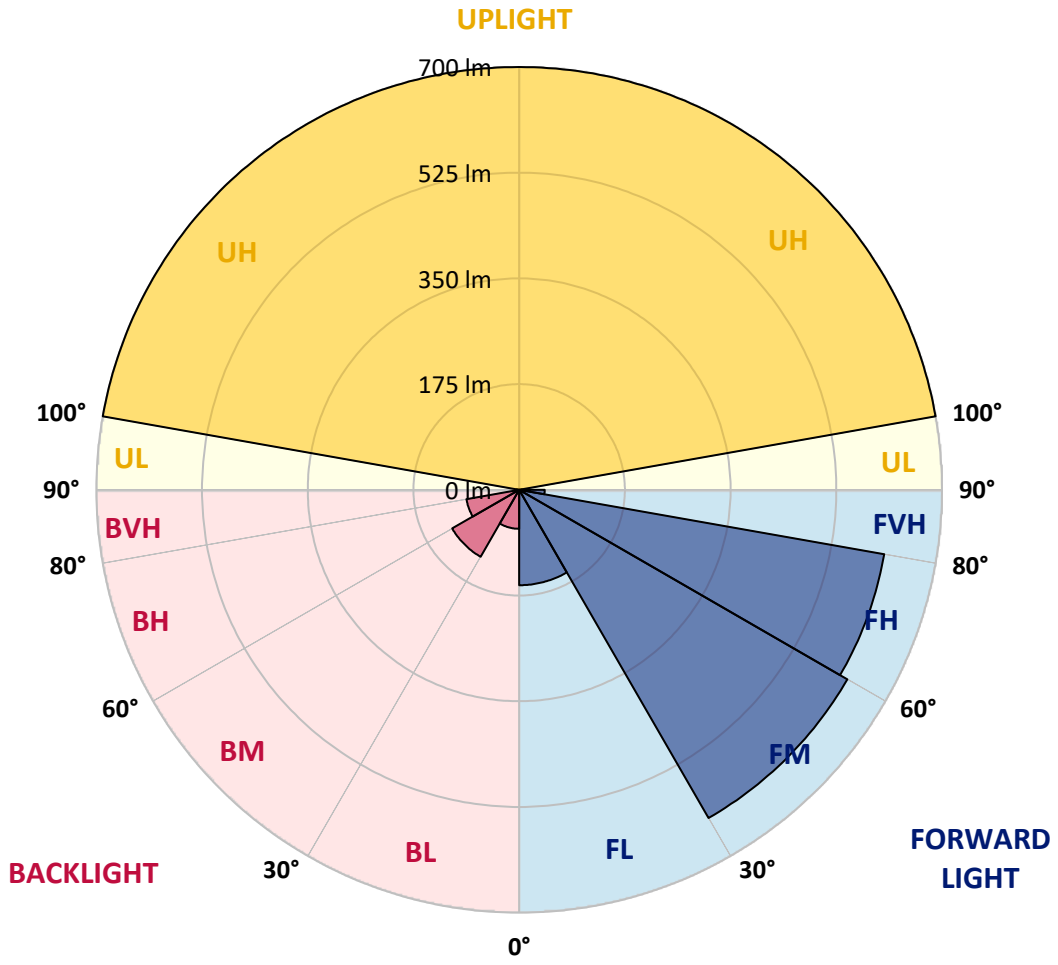
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	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



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	7.5°	10°	12.5°	15°	17.5°	20°	25°	35°
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	506.4	514.5	516.0	521.5	521.5	527.6	533.1	535.1	539.9	552.2
5°	491.4	495.4	507.0	518.7	526.9	535.1	544.0	555.0	563.9	578.9	610.4
7.5°	455.0	461.2	481.0	492.7	505.7	520.1	531.0	544.0	557.7	583.0	639.1
10°	419.5	424.3	449.6	464.0	482.4	497.5	513.2	527.6	542.7	574.1	639.1
12.5°	396.9	403.0	431.7	445.5	466.7	482.4	501.5	518.7	536.5	570.1	632.9
15°	392.1	398.9	426.3	443.4	461.9	476.9	494.1	511.9	529.6	562.5	618.7
17.5°	405.0	413.3	442.8	461.9	476.2	493.3	505.7	522.8	534.4	560.5	587.1
20°	435.9	445.5	480.3	498.9	510.5	521.5	531.0	541.3	546.1	552.2	547.4
22.5°	485.2	496.9	536.5	557.7	565.9	574.1	574.7	576.2	572.8	556.3	519.4
25°	555.6	567.3	612.5	632.9	632.9	632.9	625.4	620.0	604.2	573.4	511.9
27.5°	621.4	636.4	690.4	703.5	699.3	693.2	678.8	665.1	642.6	591.3	511.1
30°	670.6	685.7	735.6	745.9	735.6	720.5	697.9	678.1	651.5	600.1	516.0
32.5°	715.8	733.6	781.4	782.9	764.4	747.2	721.9	699.3	671.2	616.6	530.3
35°	763.6	781.4	830.0	820.4	793.7	770.5	744.4	724.7	696.5	637.8	553.5
37.5°	830.0	845.8	886.9	864.3	830.0	799.9	771.8	745.9	717.8	666.5	592.6
40°	894.4	916.9	954.6	918.2	876.6	836.2	805.4	778.0	747.2	705.5	642.6
42.5°	954.6	975.8	1010.8	964.2	915.6	875.2	843.0	813.7	784.2	749.9	702.7
45°	1000.4	1022.3	1051.7	1002.5	947.0	905.3	870.4	844.4	818.4	795.1	778.7
47.5°	1044.9	1066.7	1089.4	1036.0	981.3	938.8	897.8	873.8	853.3	841.0	860.8
50°	1102.4	1117.4	1136.5	1079.1	1020.9	972.3	931.4	912.9	893.6	897.8	964.2
52.5°	1180.5	1193.4	1200.2	1144.1	1079.1	1023.7	978.5	953.2	937.5	961.5	1073.7
55°	1290.5	1309.0	1294.0	1238.5	1156.5	1093.5	1038.0	1008.0	998.4	1030.5	1183.1
57.5°	1385.6	1393.9	1382.9	1328.2	1244.1	1173.5	1114.7	1083.3	1072.3	1114.7	1283.0
60°	1427.4	1437.6	1452.6	1405.5	1326.9	1257.0	1206.4	1175.6	1157.2	1206.4	1363.1
62.5°	1434.2	1451.3	1488.3	1464.3	1402.1	1350.2	1304.2	1261.8	1247.5	1285.0	1415.8
65°	1407.6	1433.5	1490.4	1481.5	1446.6	1426.7	1388.4	1355.5	1328.2	1332.3	1413.0
67.5°	1347.4	1377.6	1443.8	1439.7	1443.8	1443.8	1410.2	1382.9	1347.4	1296.7	1309.0
70°	1202.3	1242.0	1318.6	1338.5	1373.4	1373.4	1344.0	1302.3	1261.1	1157.2	1094.1
72.5°	963.4	990.1	1107.9	1204.4	1248.8	1231.0	1202.3	1132.5	1042.1	927.9	842.3
75°	652.1	667.9	812.2	988.8	1069.5	1054.5	1007.3	920.3	827.2	700.0	591.9
77.5°	363.4	383.8	492.0	630.3	739.0	737.0	730.8	675.3	601.4	496.1	440.0
80°	213.4	220.4	277.1	377.7	471.5	449.0	433.2	389.3	351.8	303.9	346.9
82.5°	130.7	123.9	157.5	230.0	278.6	269.0	242.3	225.8	208.0	195.0	230.7
85°	35.7	32.2	64.3	96.5	118.4	128.0	128.0	126.6	113.5	85.5	102.7
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	2.0	2.0	2.0	2.2	2.4	3.0	4.0
100°	7.8	7.8	7.8	8.4	8.8	9.3	9.8	10.8	11.8	13.7	21.6
102.5°	27.5	27.5	27.5	28.5	29.5	30.5	31.4	32.9	34.3	37.3	44.2
105°	53.0	53.0	53.0	53.4	54.0	54.4	55.0	56.1	57.4	59.8	64.8
107.5°	76.5	76.4	75.5	76.4	77.1	77.7	78.5	79.5	80.5	82.5	86.3
110°	99.2	99.4	100.1	100.3	100.6	100.9	101.1	101.9	102.6	104.0	108.0

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CANDELA DISTRIBUTION (continued):

	0°	1°	5°	7.5°	10°	12.5°	15°	17.5°	20°	25°	35°
112.5°	121.7	121.7	*121.7*	122.2	122.7	123.2	123.7	124.4	125.1	126.6	129.5
115°	143.3	143.5	*144.3*	144.8	145.3	145.7	146.2	146.7	147.2	148.2	151.2
117.5°	165.8	166.1	*166.8*	167.4	167.8	168.3	168.8	169.3	169.8	170.8	173.7
120°	189.5	189.8	*191.4*	191.6	191.9	192.1	192.3	192.9	193.3	194.3	197.3
122.5°	215.0	215.1	*216.0*	216.1	216.4	216.7	216.9	217.4	217.9	218.8	221.8
125°	239.5	239.8	*241.5*	241.6	241.9	242.3	242.5	242.6	242.9	243.4	246.3
127.5°	262.0	262.5	*264.0*	264.2	264.6	264.8	265.0	265.4	266.0	267.0	269.0
130°	284.7	285.0	*286.6*	286.8	287.1	287.4	287.5	287.7	288.1	288.5	292.5
132.5°	307.2	307.4	*308.2*	308.9	309.6	310.4	311.2	311.4	311.6	312.1	315.0
135°	329.8	329.9	*330.8*	331.3	331.7	332.2	332.7	333.2	333.7	334.7	338.6
137.5°	352.3	352.6	*353.3*	354.1	354.8	355.5	356.3	356.4	356.8	357.3	360.2
140°	375.0	375.1	*375.9*	376.4	376.9	377.4	377.8	378.1	378.4	378.8	380.8
142.5°	396.5	396.9	*398.5*	398.9	399.5	399.9	400.5	400.3	399.9	399.5	402.4
145°	417.2	417.4	*418.1*	418.6	419.1	419.6	420.0	420.0	420.0	420.0	423.0
147.5°	435.8	435.8	*435.8*	436.6	437.3	437.9	438.7	438.9	439.2	439.7	443.7
150°	452.5	452.7	*453.5*	453.9	454.5	454.9	455.4	455.6	455.9	456.4	460.3
152.5°	470.2	470.4	*471.1*	471.9	472.6	473.2	474.0	473.9	473.6	473.0	476.0
155°	489.8	489.9	*490.7*	491.2	491.7	492.2	492.7	492.5	492.2	491.7	493.7
157.5°	503.5	503.9	*505.5*	505.9	506.5	506.9	507.5	507.3	506.9	506.5	509.4
160°	515.3	515.6	*517.2*	517.7	518.2	518.7	519.2	519.2	519.2	519.2	522.2
162.5°	525.1	525.3	*526.0*	526.9	527.6	528.2	529.0	528.8	528.6	528.0	531.0
165°	535.9	536.1	*536.8*	537.4	537.8	538.4	538.8	538.6	538.4	537.8	541.8
167.5°	544.7	544.9	*545.7*	546.5	547.2	547.9	548.7	548.4	548.1	547.7	550.6
170°	551.6	551.8	*552.5*	553.4	554.1	554.7	555.5	555.3	555.1	554.5	556.5
172.5°	554.5	554.7	*555.5*	556.3	556.9	557.7	558.5	557.9	557.5	556.5	558.5
175°	556.5	556.9	*558.5*	558.7	558.9	559.3	559.5	559.3	558.9	558.5	561.4
177.5°	561.4	561.6	*562.4*	562.9	563.3	563.9	564.3	564.1	563.9	563.3	567.3
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):

	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
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°	556.9	557.7	555.6	560.5	555.0	552.2	544.0	544.0	537.2	531.7	525.5
5°	622.0	626.1	622.6	623.3	612.5	601.4	585.1	575.5	558.4	539.9	520.7
7.5°	665.8	672.7	670.0	658.3	641.2	617.9	590.5	564.6	536.5	506.4	478.3
10°	677.4	685.0	678.8	656.9	628.8	596.0	563.1	528.2	494.1	461.9	431.7
12.5°	661.1	666.5	653.4	629.5	602.1	569.3	535.1	504.9	464.6	430.4	395.5
15°	619.3	615.9	614.5	597.4	578.1	551.5	519.4	488.6	450.9	416.1	379.1
17.5°	574.1	570.1	571.4	564.6	561.8	549.4	525.5	499.5	466.0	423.6	383.8
20°	534.4	530.3	532.3	535.7	546.1	546.8	542.7	525.5	500.9	456.4	407.8
22.5°	500.2	500.9	507.7	517.3	534.4	556.3	573.4	576.8	559.7	507.7	446.9
25°	489.9	486.5	494.1	509.8	538.5	580.9	619.3	638.4	628.8	576.8	502.2
27.5°	486.5	481.7	489.9	510.5	556.3	615.9	670.6	699.3	702.7	649.4	561.8
30°	486.5	484.5	492.7	519.4	568.0	627.5	688.4	731.5	745.1	700.7	613.8
32.5°	492.7	494.1	508.4	542.7	592.6	653.4	716.5	763.0	787.6	754.0	655.5
35°	506.4	509.1	529.6	569.3	623.3	685.0	742.4	789.7	829.3	811.6	694.6
37.5°	535.7	539.9	565.2	605.5	654.9	710.3	766.4	817.0	874.5	867.0	735.6
40°	587.9	587.9	613.1	647.9	688.4	730.8	786.3	845.8	916.2	926.5	786.3
42.5°	653.4	650.7	667.2	692.5	720.5	756.1	806.0	872.4	955.3	977.9	824.6
45°	743.8	730.1	739.0	745.1	758.9	780.8	825.3	897.8	986.8	1016.2	853.3
47.5°	849.9	830.8	823.2	811.6	806.8	815.0	853.3	917.6	1016.8	1049.0	899.8
50°	966.8	948.4	928.6	897.0	869.6	861.6	884.8	944.3	1049.0	1090.0	951.1
52.5°	1088.7	1075.7	1049.7	1000.4	948.4	919.0	929.9	988.8	1100.3	1153.7	1012.0
55°	1200.2	1204.4	1172.8	1115.3	1040.8	995.6	1008.7	1067.5	1193.4	1256.3	1114.0
57.5°	1320.0	1309.0	1284.4	1224.9	1143.5	1094.9	1100.3	1171.5	1297.4	1345.3	1215.2
60°	1399.4	1399.4	1372.7	1327.5	1250.2	1205.1	1213.3	1279.0	1380.9	1385.6	1260.4
62.5°	1450.8	1458.2	1437.0	1404.8	1329.5	1291.9	1320.0	1366.5	1421.9	1382.2	1237.9
65°	*1426.1*	*1434.2*	*1432.2*	*1396.7*	*1343.2*	*1340.5*	*1391.1*	*1402.1*	*1397.3*	*1332.3*	*1159.8*
67.5°	1314.5	1298.1	1297.4	1279.0	1268.0	1324.8	1389.0	1392.6	1311.7	1234.5	1036.6
70°	1102.4	1074.4	1063.3	1068.8	1118.7	1224.9	1316.6	1290.5	1161.9	1095.6	882.8
72.5°	849.9	816.4	809.6	830.8	908.1	1057.2	1182.5	1146.1	955.3	877.9	683.6
75°	602.9	588.5	589.2	630.9	714.4	858.2	1003.9	1000.4	707.5	605.5	470.8
77.5°	438.6	441.3	453.6	470.2	541.9	680.8	817.6	808.8	503.6	416.1	329.2
80°	361.9	366.1	366.1	357.2	375.7	449.6	555.6	593.3	337.3	279.9	230.0
82.5°	260.0	280.5	292.2	277.8	271.0	296.4	348.4	373.0	210.0	176.6	160.8
85°	123.9	141.7	145.7	142.3	163.5	186.8	199.2	203.9	114.9	82.1	105.4
87.5°	0.0	0.0	0.7	5.5	15.0	26.1	26.1	39.6	6.2	2.1	4.9
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°	8.8	10.8	12.8	9.8	6.8	5.9	4.9	4.4	4.0	4.0	4.0
100°	29.5	30.5	31.4	30.5	29.5	27.9	26.5	26.1	25.5	24.5	25.5
102.5°	49.0	49.6	50.0	49.6	49.0	48.1	47.1	47.6	48.1	47.1	48.1
105°	68.7	69.2	69.7	69.7	69.7	68.7	67.7	68.7	69.7	67.7	69.7
107.5°	89.3	90.3	91.3	90.8	90.3	89.8	89.3	89.8	90.3	89.3	90.3
110°	110.0	110.9	111.9	111.9	111.9	111.4	110.9	111.4	111.9	110.9	111.9

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report

REPORT NUMBER: P271435
CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7027-ULG

CANDELA DISTRIBUTION (continued):

	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°
112.5°	131.5	132.5	133.5	133.5	133.5	132.9	132.5	133.5	134.5	132.5	134.5
115°	153.1	154.1	155.0	155.0	155.0	155.0	155.0	156.0	157.0	156.0	157.0
117.5°	175.7	176.2	176.7	177.1	177.7	177.1	176.7	177.7	178.7	176.7	178.7
120°	198.3	199.2	200.2	200.2	200.2	200.2	200.2	201.2	202.2	200.2	202.2
122.5°	222.8	223.3	223.8	223.8	223.8	224.3	224.8	226.7	228.7	227.7	228.7
125°	247.3	247.8	248.3	248.8	249.3	249.3	249.3	250.8	252.2	251.3	252.2
127.5°	270.9	271.8	272.8	272.4	271.8	272.4	272.8	274.3	275.8	272.8	275.8
130°	293.5	294.5	295.5	295.5	295.5	295.9	296.4	297.9	299.3	297.4	299.3
132.5°	316.0	317.6	319.0	319.0	319.0	319.4	320.0	321.4	322.9	321.0	322.9
135°	338.6	340.1	341.5	341.5	341.5	342.1	342.5	343.5	344.5	343.5	344.5
137.5°	360.2	361.2	362.2	362.2	362.2	362.6	363.2	365.1	367.0	365.1	367.0
140°	381.8	382.3	382.8	382.8	382.8	383.8	384.7	386.7	388.7	386.7	388.7
142.5°	402.4	403.4	404.3	404.3	404.3	404.9	405.3	406.8	408.3	407.3	408.3
145°	424.0	425.0	426.0	425.4	425.0	425.4	426.0	427.4	428.9	427.0	428.9
147.5°	444.6	445.1	445.6	444.6	443.7	444.1	444.6	446.1	447.5	444.6	447.5
150°	461.3	461.8	462.3	461.3	460.3	460.3	460.3	462.3	464.2	461.3	464.2
152.5°	477.0	477.4	478.0	477.4	477.0	477.0	477.0	478.4	480.0	477.0	480.0
155°	493.7	494.2	494.7	494.2	493.7	494.2	494.7	496.1	497.6	495.7	497.6
157.5°	509.4	509.4	509.4	508.4	507.5	507.9	508.4	510.9	513.3	510.3	513.3
160°	522.2	522.2	522.2	521.2	520.2	520.2	520.2	521.6	523.2	521.2	523.2
162.5°	531.0	531.4	532.0	531.0	530.0	529.0	528.0	529.0	530.0	527.0	530.0
165°	541.8	542.3	542.8	541.3	539.8	538.8	537.8	538.8	539.8	537.8	539.8
167.5°	549.7	549.7	549.7	548.7	547.7	548.1	548.7	550.6	552.5	550.6	552.5
170°	555.5	555.1	554.5	554.1	553.5	554.5	555.5	557.9	560.5	558.5	560.5
172.5°	557.5	557.9	558.5	557.5	556.5	556.9	557.5	558.9	560.5	557.5	560.5
175°	561.4	561.9	562.4	560.9	559.5	558.5	557.5	558.9	560.5	557.5	560.5
177.5°	566.3	566.3	566.3	564.9	563.3	563.3	563.3	564.9	566.3	563.3	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

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P271435
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CANDELA DISTRIBUTION (continued):

	100°	105°	110°	115°	120°	125°	130°	135°	145°	155°	165°
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°	517.3	508.4	501.5	493.3	486.5	479.6	474.9	464.6	456.4	437.9	433.2
5°	504.9	485.8	472.9	460.5	444.8	433.8	422.2	407.8	392.1	365.4	357.2
7.5°	456.4	432.4	414.7	396.9	376.4	357.9	340.7	321.6	294.3	265.4	254.6
10°	403.7	378.4	353.8	332.6	307.8	287.4	272.4	258.6	236.7	214.9	200.5
12.5°	360.6	331.8	303.9	282.6	269.6	259.3	248.4	237.4	214.2	189.5	172.5
15°	340.7	307.2	282.6	264.8	253.2	240.8	227.9	215.5	188.1	159.4	138.9
17.5°	343.5	305.2	273.7	249.8	234.0	216.9	201.8	186.1	156.0	121.8	103.3
20°	358.5	307.2	264.1	236.1	213.4	191.6	172.5	152.6	115.6	88.9	76.0
22.5°	377.7	314.0	258.6	222.4	194.3	166.9	142.3	119.0	85.5	69.8	63.6
25°	410.5	329.8	257.3	210.0	175.9	143.0	117.7	93.1	69.1	61.5	58.2
27.5°	451.6	347.6	258.6	201.2	160.1	123.9	95.8	77.3	62.3	58.2	55.4
30°	492.7	366.1	252.5	187.5	141.7	106.1	82.1	70.4	61.5	56.9	52.0
32.5°	528.9	379.7	242.3	173.1	125.2	90.3	69.8	60.3	54.1	48.6	47.3
35°	555.0	385.9	230.7	164.2	114.3	80.8	61.5	54.1	47.9	42.4	39.6
37.5°	579.6	386.6	218.3	156.0	110.1	76.6	56.9	49.9	44.5	39.6	36.9
40°	604.9	383.8	211.4	147.8	104.0	74.6	54.8	46.5	43.1	37.5	34.9
42.5°	623.3	379.1	208.7	143.0	98.5	69.1	53.4	45.8	41.1	36.9	33.6
45°	640.5	374.3	208.7	138.9	94.4	65.7	50.7	46.5	39.6	36.3	32.2
47.5°	661.1	376.4	209.3	135.5	91.0	62.3	47.9	45.2	40.3	35.7	31.5
50°	695.8	399.7	212.8	133.5	88.2	59.6	45.8	43.1	44.5	34.9	30.8
52.5°	756.1	436.6	218.3	132.1	85.5	57.5	43.1	41.7	45.2	34.9	30.1
55°	834.9	474.2	223.8	128.6	81.5	53.4	41.7	39.0	41.7	34.9	29.5
57.5°	911.5	502.2	228.6	123.9	74.6	49.2	39.6	36.9	38.3	34.2	28.0
60°	956.0	524.3	233.3	115.6	66.4	44.5	37.5	34.9	34.2	34.2	27.4
62.5°	968.2	516.0	230.7	105.4	59.6	41.1	35.7	32.9	30.8	34.9	27.4
65°	*929.3*	*472.9*	*220.4*	*96.5*	*54.8*	*39.6*	*33.6*	*31.5*	*29.5*	*30.1*	*26.1*
67.5°	809.6	397.6	192.2	88.2	54.1	39.0	32.2	30.1	27.4	26.7	24.6
70°	660.3	312.0	159.4	82.1	53.4	39.0	30.8	28.0	26.1	24.0	22.5
72.5°	507.7	233.3	134.0	79.4	54.1	38.3	28.7	25.3	23.3	21.9	20.5
75°	357.2	164.9	111.5	71.1	50.7	36.3	26.7	22.5	20.5	19.1	17.8
77.5°	258.6	112.2	82.8	57.5	43.1	31.5	23.3	19.1	17.1	16.3	15.0
80°	164.9	69.1	55.4	42.4	31.5	24.6	17.8	15.0	13.7	12.3	11.7
82.5°	95.1	40.3	33.6	28.7	20.5	16.3	12.9	11.7	8.9	8.3	7.5
85°	58.2	25.3	18.4	15.0	12.9	10.3	7.5	6.8	4.9	4.1	3.4
87.5°	12.9	5.5	4.9	3.4	4.1	3.4	2.1	1.3	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°	4.4	4.9	5.9	6.8	9.8	12.8	10.8	8.8	4.0	3.0	2.0
100°	26.1	26.5	27.9	29.5	30.5	31.4	30.5	29.5	21.6	13.7	9.8
102.5°	47.6	47.1	48.1	49.0	49.6	50.0	49.6	49.0	44.2	37.3	31.4
105°	68.7	67.7	68.7	69.7	69.7	69.7	69.2	68.7	64.8	59.8	55.0
107.5°	89.8	89.3	89.8	90.3	90.8	91.3	90.3	89.3	86.3	82.5	78.5
110°	111.4	110.9	111.4	111.9	111.9	111.9	110.9	110.0	108.0	104.0	101.1

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

REPORT NUMBER: P271435
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REPORT N
CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	100°	105°	110°	115°	120°	125°	130°	135°	145°	155°	165°	
112.5°	133.5	132.5	132.9	133.5	133.5	133.5	132.5	131.5	129.5	126.6	123.7	0°
115°	156.0	155.0	155.0	155.0	155.0	155.0	154.1	153.1	151.2	148.2	146.2	2.5°
117.5°	177.7	176.7	177.1	177.7	177.1	176.7	176.2	175.7	173.7	170.8	168.8	5°
120°	201.2	200.2	200.2	200.2	200.2	200.2	199.2	198.3	197.3	194.3	192.3	7.5°
122.5°	226.7	224.8	224.3	223.8	223.8	223.8	223.3	222.8	221.8	218.8	216.9	10°
125°	250.8	249.3	249.3	249.3	248.8	248.3	247.8	247.3	246.3	243.4	242.5	12.5°
127.5°	274.3	272.8	272.4	271.8	272.4	272.8	271.8	270.9	269.0	267.0	265.0	15°
130°	297.9	296.4	295.9	295.5	295.5	295.5	294.5	293.5	292.5	288.5	287.5	17.5°
132.5°	321.4	320.0	319.4	319.0	319.0	319.0	317.6	316.0	315.0	312.1	311.2	20°
135°	343.5	342.5	342.1	341.5	341.5	341.5	340.1	338.6	338.6	334.7	332.7	22.5°
137.5°	365.1	363.2	362.6	362.2	362.2	362.2	361.2	360.2	360.2	357.3	356.3	25°
140°	386.7	384.7	383.8	382.8	382.8	382.8	382.3	381.8	380.8	378.8	377.8	27.5°
142.5°	406.8	405.3	404.9	404.3	404.3	404.3	403.4	402.4	402.4	399.5	400.5	30°
145°	427.4	426.0	425.4	425.0	425.4	426.0	425.0	424.0	423.0	420.0	420.0	32.5°
147.5°	446.1	444.6	444.1	443.7	444.6	445.6	445.1	444.6	443.7	439.7	438.7	35°
150°	462.3	460.3	460.3	460.3	461.3	462.3	461.8	461.3	460.3	456.4	455.4	37.5°
152.5°	478.4	477.0	477.0	477.0	477.4	478.0	477.4	477.0	476.0	473.0	474.0	40°
155°	496.1	494.7	494.2	493.7	494.2	494.7	494.2	493.7	493.7	491.7	492.7	42.5°
157.5°	510.9	508.4	507.9	507.5	508.4	509.4	509.4	509.4	509.4	506.5	507.5	45°
160°	521.6	520.2	520.2	520.2	521.2	522.2	522.2	522.2	522.2	519.2	519.2	47.5°
162.5°	529.0	528.0	529.0	530.0	531.0	532.0	531.4	531.0	531.0	528.0	529.0	50°
165°	538.8	537.8	538.8	539.8	541.3	542.8	542.3	541.8	541.8	537.8	538.8	52.5°
167.5°	550.6	548.7	548.1	547.7	548.7	549.7	549.7	549.7	550.6	547.7	548.7	55°
170°	557.9	555.5	554.5	553.5	554.1	554.5	555.1	555.5	556.5	554.5	555.5	57.5°
172.5°	558.9	557.5	556.9	556.5	557.5	558.5	557.9	557.5	558.5	556.5	558.5	60°
175°	558.9	557.5	558.5	559.5	560.9	562.4	561.9	561.4	561.4	558.5	559.5	62.5°
177.5°	564.9	563.3	563.3	563.3	564.9	566.3	566.3	566.3	567.3	563.3	564.3	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°

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report

IUMBER: P271435
NUMBER: ISC-AF-350-LED-E1-SLL-7027-ULG

REPORT NUMBER: P
CATALOG NUMBER:

DISTRIBUTION (continued):

175°	180°	185°	195°	205°	215°	225°	230°	232.5°	235°	237.5°
478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
425.7	415.4	416.1	414.0	408.5	399.7	396.9	392.1	392.8	395.5	392.8
347.6	335.2	336.7	336.0	330.5	324.4	319.5	313.4	311.4	313.4	309.9
246.3	238.1	240.8	247.0	246.3	242.9	238.8	231.9	230.7	231.3	225.1
188.1	180.0	178.0	177.2	175.9	173.8	168.3	162.9	160.8	161.4	157.5
157.5	150.6	142.3	134.7	128.0	125.2	118.4	114.9	114.3	114.3	112.2
124.5	119.0	114.3	106.8	101.3	97.2	92.3	89.7	88.9	89.7	89.7
93.1	90.3	88.2	87.6	84.9	82.1	79.4	78.1	77.3	77.3	78.1
71.1	70.4	70.4	70.4	73.9	76.6	77.3	75.3	74.6	73.9	73.2
61.5	60.9	61.5	65.7	63.6	61.5	61.5	61.5	61.5	61.5	62.3
56.9	57.5	58.2	56.1	54.1	52.7	52.0	52.0	51.3	51.3	52.0
54.1	53.4	52.7	51.3	49.9	47.9	47.3	46.5	46.5	46.5	46.5
50.7	49.9	49.2	47.9	45.8	43.1	42.4	42.4	41.7	42.4	42.4
46.5	45.8	45.2	43.7	41.7	40.3	39.6	38.3	38.3	38.3	39.0
37.5	36.9	36.9	37.5	37.5	36.9	36.9	35.7	35.7	35.7	35.7
34.9	34.2	34.2	33.6	34.2	34.9	34.2	33.6	33.6	32.9	32.9
32.9	32.9	32.2	31.5	31.5	32.9	32.2	31.5	30.8	30.8	30.8
31.5	30.8	30.8	30.1	30.1	30.1	29.5	28.7	28.0	28.0	28.0
30.1	30.1	29.5	28.7	28.0	28.0	26.7	26.1	26.1	26.1	26.7
29.5	28.7	28.7	28.0	27.4	26.1	25.3	24.6	24.6	24.6	24.6
28.7	28.0	27.4	27.4	26.1	25.3	24.6	24.0	24.0	24.0	24.0
28.0	27.4	26.7	26.1	25.3	24.6	24.0	23.3	23.3	23.3	23.3
26.7	26.1	26.1	25.3	25.3	24.6	24.0	23.3	23.3	23.3	22.5
26.1	25.3	24.6	24.6	24.6	24.0	23.3	22.5	22.5	22.5	22.5
25.3	24.6	24.6	24.0	24.0	23.3	23.3	22.5	21.9	21.9	21.2
24.6	24.0	24.0	23.3	24.0	23.3	22.5	21.9	21.2	21.2	20.5
24.0	*23.3*	*23.3*	*23.3*	*22.5*	*22.5*	*21.9*	*20.5*	*20.5*	*20.5*	*19.9*
22.5	21.9	21.9	22.5	21.9	21.2	21.2	19.9	19.9	19.1	19.1
20.5	20.5	20.5	21.2	20.5	19.9	19.9	19.1	18.4	17.8	17.8
19.1	18.4	19.1	19.1	19.1	18.4	19.1	17.8	17.1	16.3	16.3
16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	15.7	15.0	14.4
12.9	13.7	13.7	13.7	13.7	14.4	13.7	13.7	13.7	12.9	12.3
9.6	9.6	10.3	11.0	10.3	11.0	10.3	11.0	10.3	10.3	10.3
5.5	5.5	6.2	6.8	6.8	7.5	6.2	6.8	6.8	7.5	6.8
2.1	2.1	2.1	2.1	2.8	2.8	2.1	2.8	2.8	3.4	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	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
2.0	2.0	2.0	2.0	3.0	4.0	8.8	10.8	11.8	12.8	11.3
7.8	7.8	7.8	9.8	13.7	21.6	29.5	30.5	30.9	31.4	30.9
27.5	27.5	27.5	31.4	37.3	44.2	49.0	49.6	49.9	50.0	49.9
53.0	53.0	53.0	55.0	59.8	64.8	68.7	69.2	69.5	69.7	69.7
75.5	76.5	75.5	78.5	82.5	86.3	89.3	90.3	90.8	91.3	91.1
100.1	99.2	100.1	101.1	104.0	108.0	110.0	110.9	111.4	111.9	111.9

CANDELA DISTRIBU

	175°
112.5°	121.7
115°	144.3
117.5°	166.8
120°	191.4
122.5°	216.0
125°	241.5
127.5°	264.0
130°	286.6
132.5°	308.2
135°	330.8
137.5°	353.3
140°	375.9
142.5°	398.5
145°	418.1
147.5°	435.8
150°	453.5
152.5°	471.1
155°	490.7
157.5°	505.5
160°	517.2
162.5°	526.0
165°	536.8
167.5°	545.7
170°	552.5
172.5°	555.5
175°	558.5
177.5°	562.4
180°	565.3

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

'271435
ISC-AF-350-LED-E1-SLL-7027-ULG

REPORT NUMBER: P271435
CATALOG NUMBER: ISC-AF-35

TION (continued):

180°	185°	195°	205°	215°	225°	230°	232.5°	235°	237.5°
121.7	121.7	123.7	126.6	129.5	131.5	132.5	132.9	133.5	133.5
143.3	144.3	146.2	148.2	151.2	153.1	154.1	154.6	155.0	155.0
165.8	166.8	168.8	170.8	173.7	175.7	176.2	176.4	176.7	176.9
189.5	191.4	192.3	194.3	197.3	198.3	199.2	199.7	200.2	200.2
215.0	216.0	216.9	218.8	221.8	222.8	223.3	223.6	223.8	223.8
239.5	241.5	242.5	243.4	246.3	247.3	247.8	248.1	248.3	248.5
262.0	264.0	265.0	267.0	269.0	270.9	271.8	272.4	272.8	272.6
284.7	286.6	287.5	288.5	292.5	293.5	294.5	294.9	295.5	295.5
307.2	308.2	311.2	312.1	315.0	316.0	317.6	318.2	319.0	319.0
329.8	330.8	332.7	334.7	338.6	338.6	340.1	340.7	341.5	341.5
352.3	353.3	356.3	357.3	360.2	360.2	361.2	361.7	362.2	362.2
375.0	375.9	377.8	378.8	380.8	381.8	382.3	382.6	382.8	382.8
396.5	398.5	400.5	399.5	402.4	402.4	403.4	403.9	404.3	404.3
417.2	418.1	420.0	420.0	423.0	424.0	425.0	425.4	426.0	425.8
435.8	435.8	438.7	439.7	443.7	444.6	445.1	445.4	445.6	445.1
452.5	453.5	455.4	456.4	460.3	461.3	461.8	462.1	462.3	461.8
470.2	471.1	474.0	473.0	476.0	477.0	477.4	477.8	478.0	477.8
489.8	490.7	492.7	491.7	493.7	493.7	494.2	494.4	494.7	494.4
503.5	505.5	507.5	506.5	509.4	509.4	509.4	509.4	509.4	508.9
515.3	517.2	519.2	519.2	522.2	522.2	522.2	522.2	522.2	521.6
525.1	526.0	529.0	528.0	531.0	531.0	531.4	531.8	532.0	531.4
535.9	536.8	538.8	537.8	541.8	541.8	542.3	542.6	542.8	541.9
544.7	545.7	548.7	547.7	550.6	549.7	549.7	549.7	549.7	549.1
551.6	552.5	555.5	554.5	556.5	555.5	555.1	554.7	554.5	554.3
554.5	555.5	558.5	556.5	558.5	557.5	557.9	558.3	558.5	557.9
556.5	558.5	559.5	558.5	561.4	561.4	561.9	562.2	562.4	561.6
561.4	562.4	564.3	563.3	567.3	566.3	566.3	566.3	566.3	565.6
565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3

CANDELA DISTRIBUTION (con

	240°	242.5°
0°	478.3	478.3
2.5°	398.3	398.3
5°	312.7	312.0
7.5°	227.2	225.1
10°	158.7	153.3
12.5°	114.9	112.8
15°	91.0	91.0
17.5°	78.7	78.7
20°	72.5	71.9
22.5°	62.3	61.5
25°	51.3	51.3
27.5°	46.5	46.5
30°	42.4	43.1
32.5°	39.0	39.0
35°	34.9	34.9
37.5°	32.2	31.5
40°	29.5	29.5
42.5°	27.4	27.4
45°	26.1	26.1
47.5°	25.3	25.3
50°	24.0	24.0
52.5°	23.3	23.3
55°	22.5	23.3
57.5°	21.9	21.9
60°	21.2	21.2
62.5°	20.5	20.5
65°	*19.9*	*19.9*
67.5°	18.4	18.4
70°	17.1	17.1
72.5°	15.7	15.7
75°	14.4	13.7
77.5°	12.3	11.7
80°	10.3	9.6
82.5°	7.5	6.8
85°	3.4	3.4
87.5°	0.0	0.0
90°	0.0	0.0
92.5°	0.0	0.0
95°	1.0	1.0
97.5°	9.8	8.4
100°	30.5	29.9
102.5°	49.6	49.2
105°	69.7	69.7
107.5°	90.8	90.5
110°	111.9	111.9

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P271435
0-LED-E1-SLL-7027-ULG
CATALOG NUMBER: ISC-AF-350-LED-E1-S

tinued):

245°	247.5°	250°	252.5°	255°	257.5°	260°	265°	270°
478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3	478.3
390.0	391.4	392.8	395.5	394.2	393.5	392.8	396.9	398.9
301.8	301.1	303.2	303.9	301.8	298.3	296.4	297.0	299.0
215.5	214.2	213.4	214.2	212.1	208.7	206.0	206.7	208.7
151.9	152.6	154.0	155.4	155.4	155.4	156.0	160.1	164.9
114.3	115.6	118.4	120.5	122.5	123.2	123.9	129.4	133.5
92.3	93.1	94.4	95.8	97.2	97.2	97.8	99.9	103.3
78.7	78.7	78.7	78.1	77.3	76.0	75.3	74.6	75.3
70.4	69.8	68.5	67.0	66.4	64.3	63.6	61.5	60.9
61.5	61.5	61.5	60.9	60.3	59.6	58.2	56.1	54.8
51.3	52.0	52.0	52.7	54.1	54.1	54.1	54.1	52.0
46.5	46.5	47.3	47.3	47.9	47.9	47.9	48.6	49.2
43.1	43.7	43.7	44.5	44.5	45.2	45.2	45.8	45.8
39.6	40.3	40.3	40.3	41.7	41.7	41.1	41.7	41.7
34.9	34.9	34.9	34.9	34.9	34.9	33.6	32.9	33.6
31.5	30.8	30.1	30.1	30.1	30.8	30.1	30.8	30.8
28.7	28.7	28.7	28.7	28.7	28.7	28.7	29.5	30.1
27.4	27.4	27.4	27.4	27.4	27.4	27.4	28.0	28.0
26.1	26.1	26.7	26.7	26.7	26.7	26.7	26.7	27.4
25.3	25.3	25.3	25.3	25.3	25.3	25.3	26.1	26.7
24.6	24.6	24.6	24.6	24.6	24.6	24.6	25.3	26.1
23.3	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.6
23.3	23.3	23.3	23.3	22.5	22.5	22.5	22.5	23.3
22.5	22.5	22.5	21.9	21.9	21.2	21.2	21.2	22.5
21.2	21.2	21.2	20.5	20.5	20.5	20.5	21.2	21.2
19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
19.1	*19.1*	*19.1*	*19.1*	*19.1*	*19.1*	*19.1*	*19.1*	*19.1*
18.4	17.8	17.8	17.8	17.8	18.4	17.8	17.8	17.8
17.1	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
15.7	15.7	15.0	15.0	15.0	15.0	15.0	15.0	15.0
13.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
11.7	11.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0
9.6	8.9	8.9	8.9	8.9	8.9	8.9	8.3	8.3
6.8	6.8	6.8	6.2	6.2	6.2	6.2	5.5	4.9
2.8	3.4	3.4	4.1	3.4	3.4	3.4	2.8	1.3
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
6.8	6.4	5.9	5.4	4.9	4.7	4.4	4.0	4.0
29.5	28.7	27.9	27.3	26.5	26.3	26.1	25.5	24.5
49.0	48.6	48.1	47.6	47.1	47.3	47.6	48.1	47.1
69.7	69.2	68.7	68.2	67.7	68.2	68.7	69.7	67.7
90.3	90.1	89.8	89.5	89.3	89.5	89.8	90.3	89.3
111.9	111.7	111.4	111.1	110.9	111.1	111.4	111.9	110.9

CANDELA DISTRIBUTION (continued):

	240°	242.5°	245°
112.5°	133.5	133.5	133.5
115°	155.0	155.0	155.0
117.5°	177.1	177.4	177.7
120°	200.2	200.2	200.2
122.5°	223.8	223.8	223.8
125°	248.8	249.1	249.3
127.5°	272.4	272.1	271.8
130°	295.5	295.5	295.5
132.5°	319.0	319.0	319.0
135°	341.5	341.5	341.5
137.5°	362.2	362.2	362.2
140°	382.8	382.8	382.8
142.5°	404.3	404.3	404.3
145°	425.4	425.2	425.0
147.5°	444.6	444.1	443.7
150°	461.3	460.8	460.3
152.5°	477.4	477.2	477.0
155°	494.2	493.9	493.7
157.5°	508.4	507.9	507.5
160°	521.2	520.7	520.2
162.5°	531.0	530.4	530.0
165°	541.3	540.6	539.8
167.5°	548.7	548.1	547.7
170°	554.1	553.7	553.5
172.5°	557.5	556.9	556.5
175°	560.9	560.3	559.5
177.5°	564.9	564.1	563.3
180°	565.3	565.3	565.3

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P271435
SLL-7027-ULG
CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7027-U

CANDELA DISTRIBUTION (continued):

247.5°	250°	252.5°	255°	257.5°	260°	265°	270°
133.3	132.9	132.7	132.5	132.9	133.5	134.5	132.5
155.0	155.0	155.0	155.0	155.6	156.0	157.0	156.0
177.4	177.1	176.9	176.7	177.1	177.7	178.7	176.7
200.2	200.2	200.2	200.2	200.7	201.2	202.2	200.2
223.9	224.3	224.6	224.8	225.7	226.7	228.7	227.7
249.3	249.3	249.3	249.3	250.1	250.8	252.2	251.3
272.1	272.4	272.6	272.8	273.6	274.3	275.8	272.8
295.6	295.9	296.2	296.4	297.2	297.9	299.3	297.4
319.2	319.4	319.8	320.0	320.8	321.4	322.9	321.0
341.7	342.1	342.3	342.5	343.1	343.5	344.5	343.5
362.4	362.6	362.9	363.2	364.2	365.1	367.0	365.1
383.3	383.8	384.3	384.7	385.7	386.7	388.7	386.7
404.6	404.9	405.1	405.3	406.1	406.8	408.3	407.3
425.2	425.4	425.8	426.0	426.8	427.4	428.9	427.0
443.9	444.1	444.4	444.6	445.4	446.1	447.5	444.6
460.3	460.3	460.3	460.3	461.3	462.3	464.2	461.3
477.0	477.0	477.0	477.0	477.8	478.4	480.0	477.0
493.9	494.2	494.4	494.7	495.4	496.1	497.6	495.7
507.6	507.9	508.2	508.4	509.6	510.9	513.3	510.3
520.2	520.2	520.2	520.2	520.9	521.6	523.2	521.2
529.6	529.0	528.6	528.0	528.6	529.0	530.0	527.0
539.3	538.8	538.4	537.8	538.4	538.8	539.8	537.8
547.9	548.1	548.4	548.7	549.7	550.6	552.5	550.6
554.1	554.5	555.1	555.5	556.7	557.9	560.5	558.5
556.7	556.9	557.3	557.5	558.3	558.9	560.5	557.5
558.9	558.5	557.9	557.5	558.3	558.9	560.5	557.5
563.3	563.3	563.3	563.3	564.1	564.9	566.3	563.3
565.3	565.3	565.3	565.3	565.3	565.3	565.3	565.3

	275°	280°	282.5°	285°
0°	478.3	478.3	478.3	478.3
2.5°	397.6	404.3	405.0	401.0
5°	296.4	305.2	304.5	299.0
7.5°	209.3	216.9	216.2	215.5
10°	169.7	176.6	178.7	183.3
12.5°	137.5	145.7	147.8	153.3
15°	106.1	112.8	114.9	119.0
17.5°	78.1	82.1	83.5	86.1
20°	60.9	62.3	62.9	63.6
22.5°	54.8	55.4	55.4	56.1
25°	50.7	51.3	51.3	52.0
27.5°	48.6	48.6	48.6	48.6
30°	46.5	46.5	46.5	47.3
32.5°	43.1	41.7	43.1	42.4
35°	33.6	33.6	34.2	34.9
37.5°	31.5	32.2	32.2	32.9
40°	30.1	30.8	31.5	32.2
42.5°	28.7	30.1	30.1	30.8
45°	28.0	28.7	29.5	30.1
47.5°	27.4	28.0	28.7	29.5
50°	26.1	27.4	28.0	28.7
52.5°	25.3	26.7	26.7	28.0
55°	24.0	25.3	25.3	26.7
57.5°	22.5	24.0	24.6	25.3
60°	21.9	22.5	23.3	24.0
62.5°	20.5	21.9	22.5	23.3
65°	*19.9*	*21.2*	*21.2*	*22.5*
67.5°	18.4	19.9	19.9	20.5
70°	17.1	17.8	18.4	19.1
72.5°	15.7	16.3	16.3	17.1
75°	12.9	13.7	14.4	15.0
77.5°	11.0	11.0	12.3	12.3
80°	8.3	8.3	8.9	9.6
82.5°	4.9	4.9	5.5	5.5
85°	1.3	1.3	1.3	1.3
87.5°	0.0	0.0	0.0	0.0
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°	4.0	4.4	4.7	4.9
100°	25.5	26.1	26.3	26.5
102.5°	48.1	47.6	47.3	47.1
105°	69.7	68.7	68.2	67.7
107.5°	90.3	89.8	89.5	89.3
110°	111.9	111.4	111.1	110.9

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

REPORT NUMBER: P271435
JLG
CATALOG NUMBER: ISC-AF-350-LED-E1-SLL-7027-ULG

CANDELA DISTRIBUTION (continued):

287.5°	290°	292.5°	295°	297.5°	300°	302.5°
478.3	478.3	478.3	478.3	478.3	478.3	478.3
409.2	410.5	408.5	408.5	409.9	415.4	415.4
309.9	313.4	311.4	312.0	314.8	321.0	324.4
222.4	225.1	226.6	228.6	236.7	237.4	241.6
185.4	189.5	192.2	195.7	202.6	206.0	210.7
156.0	160.8	163.5	170.4	174.5	178.7	184.7
121.8	127.3	130.1	134.0	142.3	146.4	154.7
88.2	90.3	95.8	102.7	107.4	114.3	118.4
64.9	66.4	69.1	73.9	76.6	82.1	86.1
56.1	56.9	58.2	59.6	60.9	62.9	64.9
52.0	52.7	53.4	54.1	55.4	56.1	56.9
49.2	49.2	49.9	51.3	51.3	52.7	53.4
47.9	49.2	50.7	52.7	53.4	54.8	55.4
41.1	41.1	41.7	43.1	43.1	43.7	44.5
34.9	35.7	36.3	36.9	37.5	39.0	39.6
33.6	33.6	34.2	35.7	36.3	36.9	37.5
32.2	32.9	33.6	34.2	34.9	36.3	36.9
31.5	32.2	32.9	33.6	34.9	35.7	36.3
30.8	31.5	32.2	33.6	34.2	35.7	36.3
30.1	30.8	31.5	32.9	34.2	35.7	36.9
29.5	30.1	31.5	32.9	34.2	36.3	39.6
28.7	30.1	31.5	32.9	34.9	37.5	41.1
28.0	29.5	30.1	32.2	34.2	36.9	37.5
26.7	28.0	28.7	30.8	33.6	34.2	33.6
25.3	26.1	28.0	32.2	34.9	32.2	28.7
24.6	25.3	26.7	29.5	30.1	26.7	26.1
23.3	*23.3*	*24.0*	*24.0*	*24.0*	*24.0*	*24.0*
21.2	21.2	21.9	21.9	21.9	21.9	21.9
19.1	19.1	19.9	19.9	19.9	20.5	20.5
17.1	17.8	17.8	18.4	18.4	18.4	19.1
15.0	15.7	15.7	15.7	15.7	16.3	16.3
12.9	12.9	13.7	13.7	13.7	13.7	13.7
10.3	10.3	10.3	10.3	10.3	10.3	10.3
6.2	6.2	6.8	6.2	6.2	5.5	5.5
1.3	1.3	1.3	0.7	0.7	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
5.4	5.9	6.4	6.8	8.4	9.8	11.3
27.3	27.9	28.7	29.5	29.9	30.5	30.9
47.6	48.1	48.6	49.0	49.2	49.6	49.9
68.2	68.7	69.2	69.7	69.7	69.7	69.7
89.5	89.8	90.1	90.3	90.5	90.8	91.1
111.1	111.4	111.7	111.9	111.9	111.9	111.9

	275°	280°	282.5°	285°	287.5°
112.5°	134.5	133.5	132.9	132.5	132.7
115°	157.0	156.0	155.6	155.0	155.0
117.5°	178.7	177.7	177.1	176.7	176.9
120°	202.2	201.2	200.7	200.2	200.2
122.5°	228.7	226.7	225.7	224.8	224.6
125°	252.2	250.8	250.1	249.3	249.3
127.5°	275.8	274.3	273.6	272.8	272.6
130°	299.3	297.9	297.2	296.4	296.2
132.5°	322.9	321.4	320.8	320.0	319.8
135°	344.5	343.5	343.1	342.5	342.3
137.5°	367.0	365.1	364.2	363.2	362.9
140°	388.7	386.7	385.7	384.7	384.3
142.5°	408.3	406.8	406.1	405.3	405.1
145°	428.9	427.4	426.8	426.0	425.8
147.5°	447.5	446.1	445.4	444.6	444.4
150°	464.2	462.3	461.3	460.3	460.3
152.5°	480.0	478.4	477.8	477.0	477.0
155°	497.6	496.1	495.4	494.7	494.4
157.5°	513.3	510.9	509.6	508.4	508.2
160°	523.2	521.6	520.9	520.2	520.2
162.5°	530.0	529.0	528.6	528.0	528.6
165°	539.8	538.8	538.4	537.8	538.4
167.5°	552.5	550.6	549.7	548.7	548.4
170°	560.5	557.9	556.7	555.5	555.1
172.5°	560.5	558.9	558.3	557.5	557.3
175°	560.5	558.9	558.3	557.5	557.9
177.5°	566.3	564.9	564.1	563.3	563.3
180°	565.3	565.3	565.3	565.3	565.3

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CANDELA DISTRIBUTION (continued):

	305°	307.5°	310°	312.5°	315°	317.5°	290°	292.5°	295°	297.5°	300°	302.5°
0°	478.3	478.3	478.3	478.3	478.3	478.3	132.9	133.3	133.5	133.5	133.5	133.5
2.5°	425.7	425.7	427.0	432.4	433.8	437.3	155.0	155.0	155.0	155.0	155.0	155.0
5°	336.7	339.4	343.5	350.4	354.4	361.9	177.1	177.4	177.7	177.4	177.1	176.9
7.5°	251.2	255.3	258.6	266.2	272.4	279.9	200.2	200.2	200.2	200.2	200.2	200.2
10°	217.6	221.1	225.8	230.7	236.7	240.2	224.3	223.9	223.8	223.8	223.8	223.8
12.5°	193.7	198.4	203.3	210.0	216.2	222.4	249.3	249.3	249.3	249.1	248.8	248.5
15°	164.2	169.7	175.2	182.7	191.6	197.8	272.4	272.1	271.8	272.1	272.4	272.6
17.5°	127.3	133.5	140.9	151.3	160.8	168.3	295.9	295.6	295.5	295.5	295.5	295.5
20°	93.7	99.3	106.1	114.9	121.8	134.7	319.4	319.2	319.0	319.0	319.0	319.0
22.5°	69.1	72.5	78.1	84.9	92.3	104.0	342.1	341.7	341.5	341.5	341.5	341.5
25°	58.2	59.6	61.5	65.7	70.4	78.7	362.6	362.4	362.2	362.2	362.2	362.2
27.5°	54.1	54.8	56.1	58.2	60.9	64.9	383.8	383.3	382.8	382.8	382.8	382.8
30°	56.9	56.9	56.9	57.5	58.9	60.9	404.9	404.6	404.3	404.3	404.3	404.3
32.5°	45.8	46.5	46.5	47.9	48.6	51.3	425.4	425.2	425.0	425.2	425.4	425.8
35°	41.1	41.7	42.4	43.1	44.5	45.2	444.1	443.9	443.7	444.1	444.6	445.1
37.5°	39.0	39.6	40.3	40.3	41.1	42.4	460.3	460.3	460.3	460.8	461.3	461.8
40°	38.3	38.3	38.3	38.3	39.6	41.1	477.0	477.0	477.0	477.2	477.4	477.8
42.5°	36.9	36.9	36.9	37.5	39.6	42.4	494.2	493.9	493.7	493.9	494.2	494.4
45°	36.9	36.9	37.5	40.3	41.1	41.1	507.9	507.6	507.5	507.9	508.4	508.9
47.5°	38.3	39.6	40.3	39.6	39.0	39.0	520.2	520.2	520.2	520.7	521.2	521.6
50°	41.7	41.1	38.3	37.5	37.5	36.3	529.0	529.6	530.0	530.4	531.0	531.4
52.5°	41.1	38.3	37.5	36.3	34.9	34.2	538.8	539.3	539.8	540.6	541.3	541.9
55°	36.9	36.3	34.2	32.9	32.2	32.9	548.1	547.9	547.7	548.1	548.7	549.1
57.5°	32.2	31.5	30.1	30.1	30.8	31.5	554.5	554.1	553.5	553.7	554.1	554.3
60°	28.0	28.0	28.0	28.7	29.5	30.1	556.9	556.7	556.5	556.9	557.5	557.9
62.5°	25.3	26.1	26.1	27.4	28.0	28.7	558.5	558.9	559.5	560.3	560.9	561.6
65°	*24.0*	*24.6*	*25.3*	*25.3*	*26.1*	*26.7*	563.3	563.3	563.3	564.1	564.9	565.6
67.5°	22.5	22.5	23.3	24.0	24.6	25.3	565.3	565.3	565.3	565.3	565.3	565.3
70°	20.5	21.2	21.9	22.5	22.5	23.3						
72.5°	19.1	19.1	19.9	20.5	20.5	21.9						
75°	16.3	17.1	17.1	17.1	17.8	19.1						
77.5°	14.4	13.7	14.4	14.4	15.0	15.7						
80°	10.3	9.6	9.6	10.3	10.3	10.3						
82.5°	5.5	4.9	5.5	4.9	4.9	5.5						
85°	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						
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	11.8	10.8	9.8	8.8	7.6						
100°	31.4	30.9	30.5	29.9	29.5	27.5						
102.5°	50.0	49.9	49.6	49.2	49.0	47.9						
105°	69.7	69.5	69.2	68.9	68.7	67.7						
107.5°	91.3	90.8	90.3	89.8	89.3	88.6						
110°	111.9	111.4	110.9	110.4	110.0	109.4						

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CANDELA DISTRIBUTION (continued):

320°	322.5°	325°	335°	345°		305°	307.5°	310°	312.5°	315°	317.5°	320°
478.3	478.3	478.3	478.3	478.3	112.5°	133.5	132.9	132.5	132.1	131.5	131.1	130.5
436.6	442.8	445.5	461.9	479.0	115°	155.0	154.6	154.1	153.6	153.1	152.6	152.2
360.6	373.0	375.0	405.0	434.5	117.5°	176.7	176.4	176.2	175.9	175.7	175.2	174.7
281.9	296.4	300.4	340.1	381.2	120°	200.2	199.7	199.2	198.7	198.3	198.1	197.8
245.7	252.5	257.3	286.6	333.9	122.5°	223.8	223.6	223.3	223.0	222.8	222.6	222.3
227.9	234.6	240.8	264.8	301.8	125°	248.3	248.1	247.8	247.6	247.3	247.1	246.9
203.9	211.4	219.0	248.4	291.5	127.5°	272.8	272.4	271.8	271.4	270.9	270.4	269.9
174.5	184.7	194.3	230.0	286.6	130°	295.5	294.9	294.5	293.9	293.5	293.3	292.9
141.7	154.0	165.6	210.0	279.9	132.5°	319.0	318.2	317.6	316.8	316.0	315.8	315.6
111.5	122.5	135.5	191.6	279.9	135°	341.5	340.7	340.1	339.4	338.6	338.6	338.6
86.1	97.2	110.1	175.2	287.4	137.5°	362.2	361.7	361.2	360.7	360.2	360.2	360.2
70.4	79.4	92.3	162.1	298.3	140°	382.8	382.6	382.3	382.0	381.8	381.6	381.3
63.6	69.1	77.3	143.0	305.9	142.5°	404.3	403.9	403.4	402.9	402.4	402.4	402.4
54.1	58.2	65.7	131.4	310.6	145°	426.0	425.4	425.0	424.4	424.0	423.8	423.6
47.9	52.7	60.3	123.9	309.9	147.5°	445.6	445.4	445.1	444.8	444.6	444.4	444.1
44.5	49.2	58.2	121.1	309.9	150°	462.3	462.1	461.8	461.5	461.3	461.1	460.8
44.5	49.2	56.9	118.4	312.0	152.5°	478.0	477.8	477.4	477.2	477.0	476.8	476.6
43.7	46.5	52.7	117.0	315.5	155°	494.7	494.4	494.2	493.9	493.7	493.7	493.7
41.7	43.7	49.9	117.0	322.3	157.5°	509.4	509.4	509.4	509.4	509.4	509.4	509.4
39.0	41.7	47.9	119.0	335.2	160°	522.2	522.2	522.2	522.2	522.2	522.2	522.2
36.9	39.6	47.3	119.0	361.9	162.5°	532.0	531.8	531.4	531.2	531.0	531.0	531.0
34.9	39.0	46.5	117.7	400.4	165°	542.8	542.6	542.3	541.9	541.8	541.8	541.8
34.2	37.5	45.2	116.3	447.5	167.5°	549.7	549.7	549.7	549.7	549.7	549.9	550.1
33.6	36.3	41.7	112.8	485.2	170°	554.5	554.7	555.1	555.3	555.5	555.7	556.1
32.2	34.2	38.3	106.8	510.5	172.5°	558.5	558.3	557.9	557.7	557.5	557.7	557.9
30.1	32.2	34.9	99.9	516.0	175°	562.4	562.2	561.9	561.6	561.4	561.4	561.4
28.7	*30.8*	*34.9*	*94.4*	*482.4*	177.5°	566.3	566.3	566.3	566.3	566.3	566.5	566.8
26.7	30.1	35.7	89.7	409.2	180°	565.3	565.3	565.3	565.3	565.3	565.3	565.3
25.3	30.1	36.3	87.6	325.1								
24.0	29.5	36.9	84.2	245.0								
21.9	26.7	32.2	69.8	165.6								
17.8	20.5	24.0	44.5	87.6								
11.7	12.3	13.7	27.4	48.6								
5.5	6.8	6.8	12.9	21.9								
0.0	0.0	0.0	1.3	4.9								
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								
6.4	5.1	4.0	3.0	2.0								
25.5	23.5	21.6	13.7	9.8								
46.6	45.4	44.2	37.3	31.4								
66.7	65.8	64.8	59.8	55.0								
87.9	87.1	86.3	82.5	78.5								
109.0	108.4	108.0	104.0	101.1								

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CANDELA DISTRIBUTION (continued):

322.5°	325°	335°	345°		355°	359°	360°
130.1	129.5	126.6	123.7	0°	478.3	478.3	478.3
151.6	151.2	148.2	146.2	2.5°	495.4	503.6	507.7
174.2	173.7	170.8	168.8	5°	468.7	485.8	491.4
197.4	197.3	194.3	192.3	7.5°	428.3	447.5	455.0
222.0	221.8	218.8	216.9	10°	388.0	412.0	419.5
246.6	246.3	243.4	242.5	12.5°	364.0	392.8	396.9
269.4	269.0	267.0	265.0	15°	354.4	383.8	392.1
292.7	292.5	288.5	287.5	17.5°	364.0	396.9	405.0
315.2	315.0	312.1	311.2	20°	382.5	422.9	435.9
338.6	338.6	334.7	332.7	22.5°	414.0	468.7	485.2
360.2	360.2	357.3	356.3	25°	465.3	541.3	555.6
381.0	380.8	378.8	377.8	27.5°	520.1	598.7	621.4
402.4	402.4	399.5	400.5	30°	568.0	652.1	670.6
423.2	423.0	420.0	420.0	32.5°	602.1	694.6	715.8
443.9	443.7	439.7	438.7	35°	642.6	743.2	763.6
460.5	460.3	456.4	455.4	37.5°	689.1	802.0	830.0
476.2	476.0	473.0	474.0	40°	740.5	862.9	894.4
493.7	493.7	491.7	492.7	42.5°	786.9	919.7	954.6
509.4	509.4	506.5	507.5	45°	823.2	973.0	1000.4
522.2	522.2	519.2	519.2	47.5°	865.0	1014.1	1044.9
531.0	531.0	528.0	529.0	50°	922.4	1066.1	1102.4
541.8	541.8	537.8	538.8	52.5°	1006.6	1154.4	1180.5
550.4	550.6	547.7	548.7	55°	1108.6	1261.1	1290.5
556.3	556.5	554.5	555.5	57.5°	1202.3	1360.3	1385.6
558.3	558.5	556.5	558.5	60°	1262.5	1406.2	1427.4
561.4	561.4	558.5	559.5	62.5°	1263.2	1407.6	1434.2
567.1	567.3	563.3	564.3	65°	*1213.3*	*1377.6*	*1407.6*
565.3	565.3	565.3	565.3	67.5°	1086.6	1300.8	1347.4
				70°	917.6	1150.3	1202.3
				72.5°	715.8	904.0	963.4
				75°	485.2	600.1	652.1
				77.5°	308.6	346.3	363.4
				80°	182.1	204.6	213.4
				82.5°	112.8	121.8	130.7
				85°	45.8	32.9	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

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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)