

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P723814

Luminaire Tested: **IFLD-S-SA3C-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723814
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3C-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	8243 lumens	Max Intensity:	193929.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	51.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	2989.3 lumens	Field Lumens:	4765.5 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

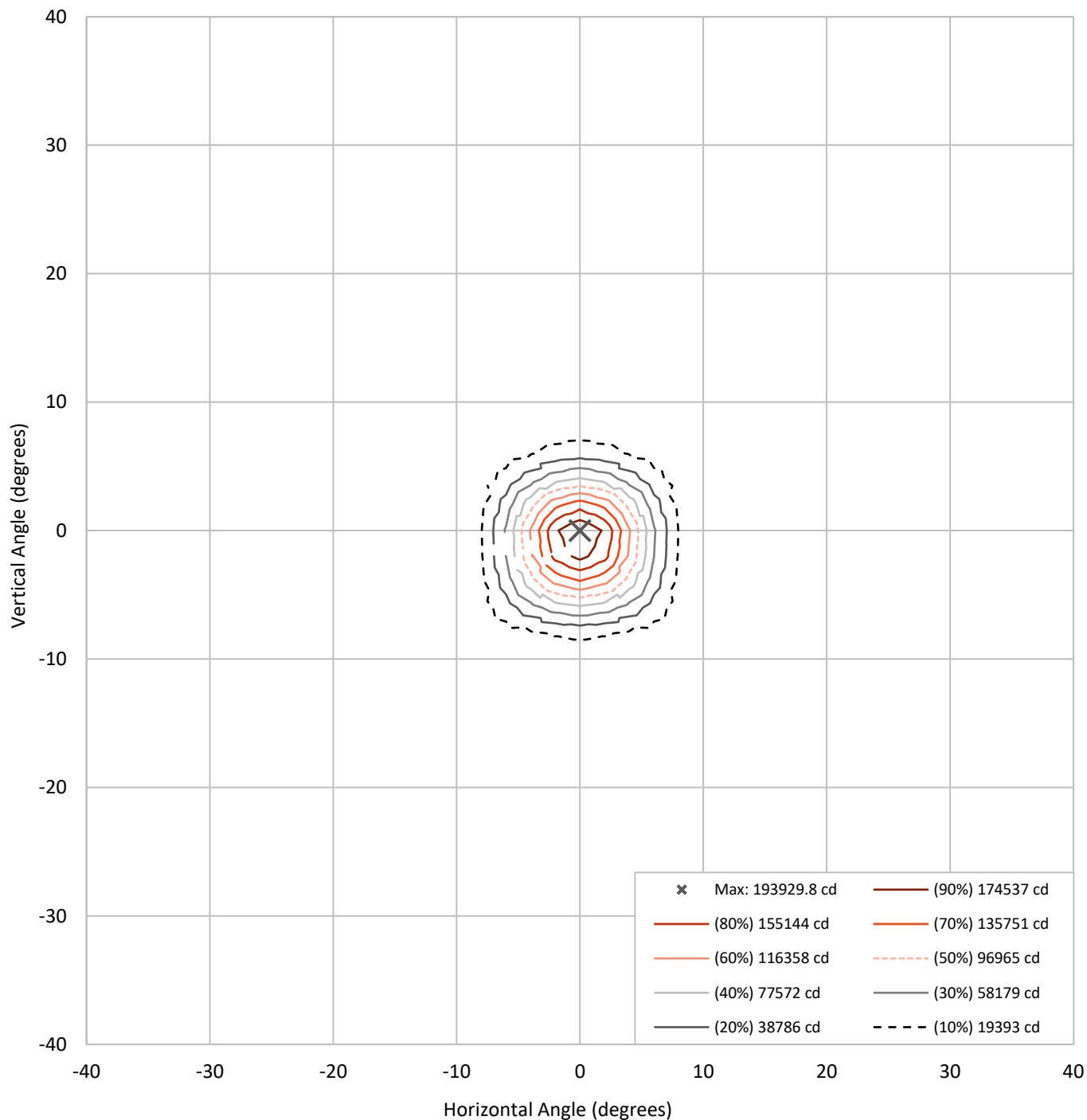
Input Watts (W): 160.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

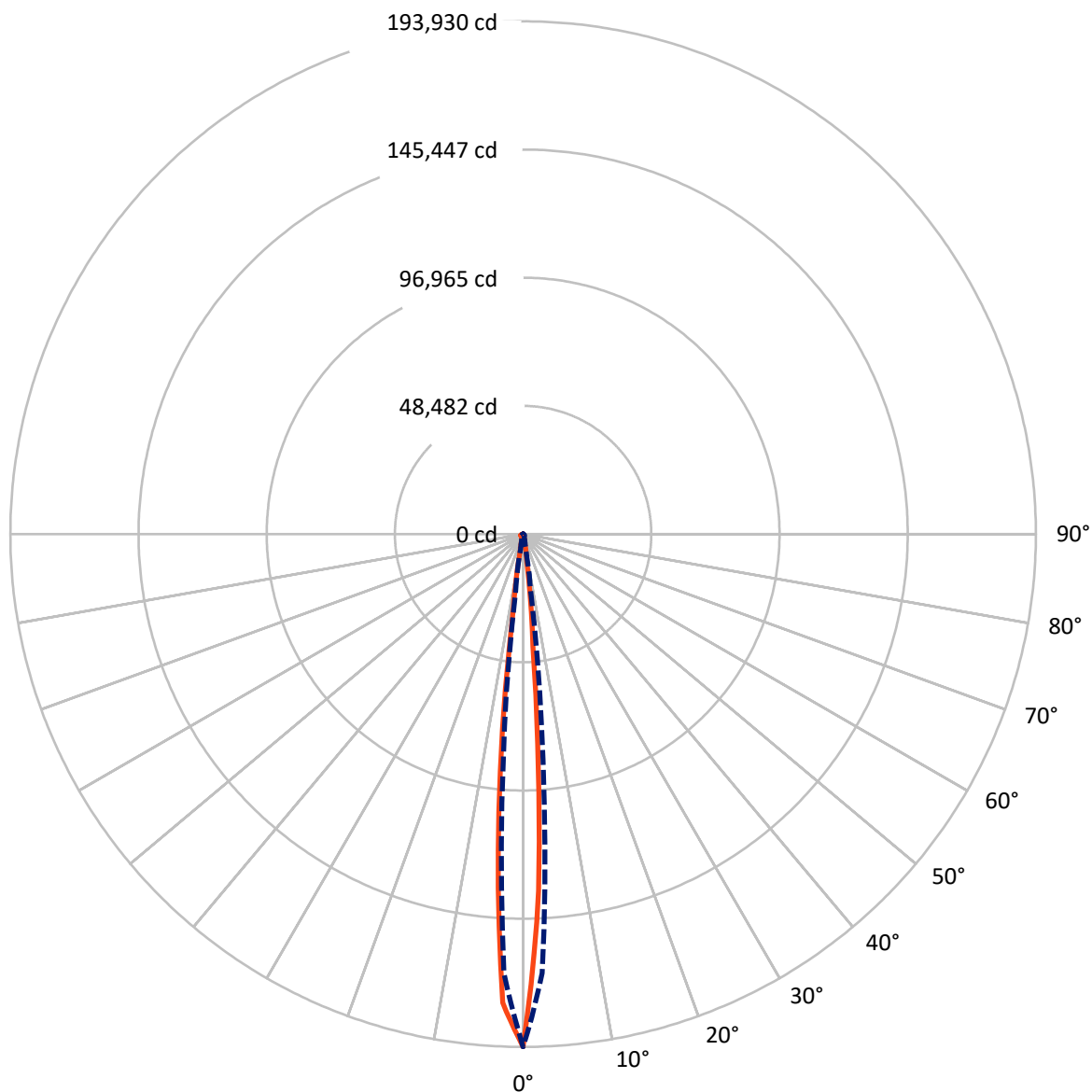
Lumen Table

[illegible]

REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

Luminous Intensity Polar Plot



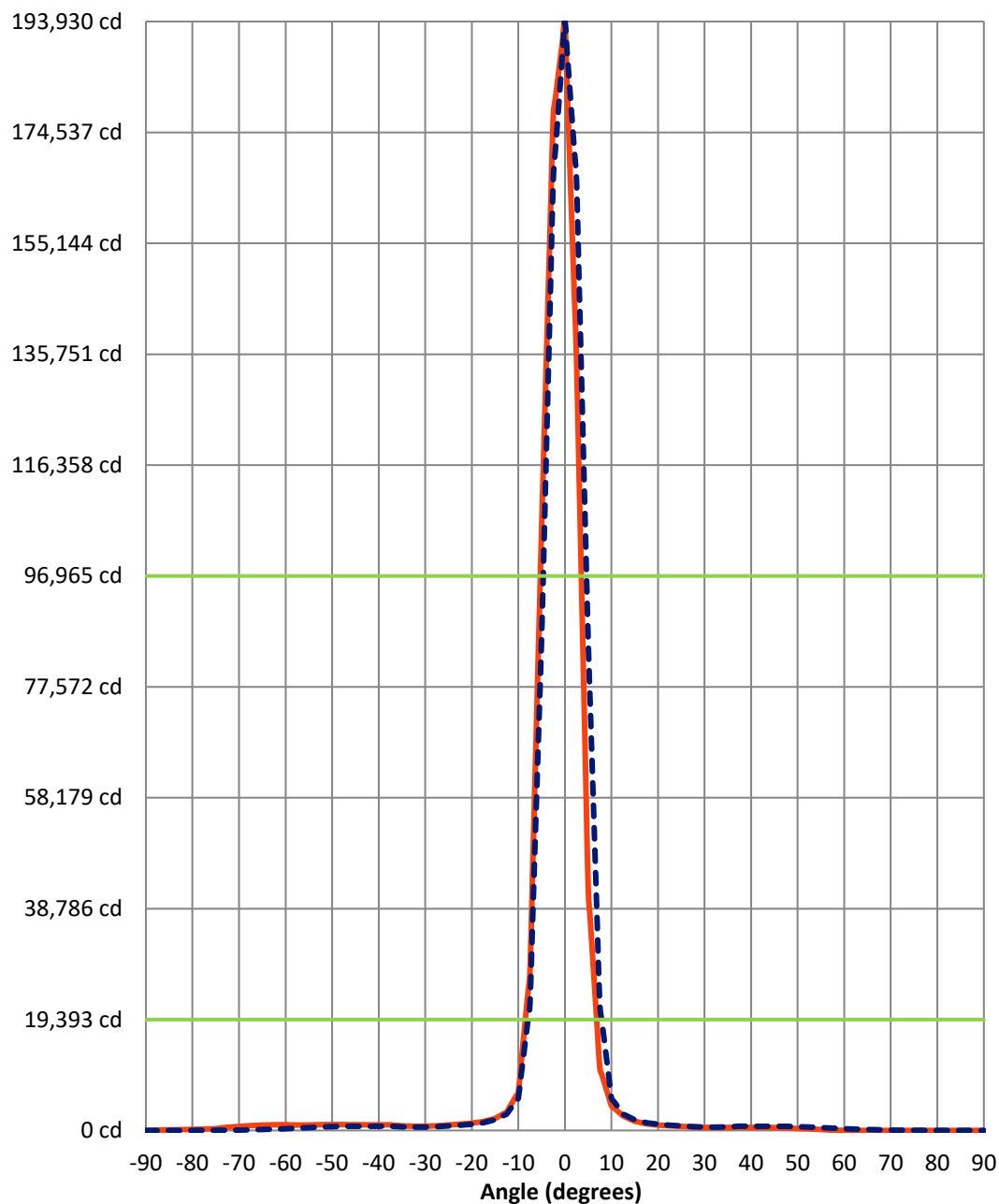
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2989.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 4765.5

Efficiency: 57.8%

Spill:

Lumens: 3477.6

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

FIELD

BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
85°	0.0	1.9	1.9	3.8	3.8	3.8	5.7	7.6	9.5	9.5	11.4
82.5°	0.0	1.9	1.9	3.8	3.8	5.7	5.7	9.5	11.4	13.3	17.1
80°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	7.6	9.5	13.3	15.2
77.5°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	5.7	7.6	9.5	11.4
75°	0.0	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.7	5.7	7.6
72.5°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	3.8	5.7	5.7	5.7
70°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	3.8	5.7	5.7	5.7
67.5°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	3.8	5.7	5.7	5.7
65°	0.0	0.0	0.0	1.9	1.9	3.8	3.8	5.7	5.7	5.7	5.7
62.5°	1.9	1.9	1.9	3.8	5.7	5.7	7.6	9.5	9.5	9.5	9.5
60°	19.0	20.9	22.8	22.8	20.9	20.9	22.8	22.8	22.8	22.8	22.8
57.5°	51.4	55.2	57.1	57.1	57.1	55.2	62.8	64.7	57.1	53.3	59.0
55°	178.9	184.6	180.8	175.1	163.6	150.3	146.5	144.6	146.5	137.0	121.8
52.5°	260.7	266.4	264.5	260.7	253.1	243.6	236.0	228.3	220.7	205.5	188.4
50°	338.7	340.6	338.7	334.9	327.3	317.8	302.6	285.4	270.2	266.4	251.2
47.5°	426.2	432.0	432.0	430.1	424.3	407.2	384.4	359.6	348.2	344.4	329.2
45°	504.3	508.1	510.0	511.9	510.0	492.8	471.9	458.6	433.9	426.2	426.2
42.5°	525.2	527.1	529.0	530.9	536.6	523.3	506.2	483.3	477.6	475.7	471.9
40°	532.8	529.0	530.9	532.8	534.7	525.2	511.9	498.6	494.7	490.9	490.9
37.5°	605.1	588.0	574.7	563.3	553.7	544.2	530.9	519.5	510.0	502.4	510.0
35°	515.7	515.7	529.0	540.4	551.8	563.3	565.2	551.8	530.9	521.4	534.7
32.5°	527.1	527.1	527.1	530.9	534.7	544.2	553.7	559.4	574.7	557.5	557.5
30°	538.5	540.4	544.2	546.1	540.4	536.6	532.8	532.8	542.3	567.1	580.4
27.5°	605.1	605.1	599.4	591.8	574.7	548.0	534.7	515.7	517.6	529.0	561.3
25°	713.6	709.8	696.5	677.4	647.0	608.9	572.8	532.8	515.7	510.0	523.3
22.5°	816.3	810.6	793.5	776.4	751.6	713.6	652.7	591.8	538.5	515.7	510.0
20°	947.6	934.3	915.3	888.6	848.7	810.6	757.3	677.4	599.4	540.4	517.6
17.5°	1158.9	1141.7	1105.6	1058.0	989.5	930.5	854.4	778.3	690.7	595.6	544.2
15°	1621.3	1577.5	1514.7	1383.4	1248.3	1136.0	1021.8	894.4	804.9	679.3	601.3
12.5°	2549.9	2430.0	2247.3	1940.9	1638.4	1377.7	1193.1	1029.5	884.8	768.8	658.4
10°	4315.7	4058.8	3554.6	2717.3	2159.8	1680.2	1349.1	1130.3	947.6	827.8	706.0
7.5°	10914.9	8903.6	6300.4	4302.4	2825.8	2053.2	1543.2	1225.5	1014.2	865.8	744.0
5°	42540.7	35043.4	18693.9	7801.8	4251.0	2483.3	1718.3	1301.6	1058.0	894.4	772.6
2.5°	135011.0	116591.2	61169.9	16794.8	5219.6	2797.2	1838.2	1349.1	1082.7	915.3	793.5
0°	193929.8	166204.9	85848.3	22088.6	5661.1	2877.2	1876.2	1358.7	1086.5	919.1	793.5
-2.5°	177412.9	155271.0	82929.3	20554.9	5784.7	2900.0	1906.7	1391.0	1115.1	936.2	799.2
-5°	105417.5	92466.5	57849.4	14656.0	5139.7	2692.6	1826.8	1362.5	1096.1	926.7	795.4
-7.5°	27774.4	24044.8	15816.7	7647.7	3326.2	2277.7	1678.3	1314.9	1071.3	909.6	780.2
-10°	6696.2	6346.1	5668.7	3474.7	2589.8	1902.9	1488.1	1229.3	1021.8	886.7	755.4
-12.5°	3229.2	3153.1	2861.9	2359.6	1921.9	1581.3	1347.2	1139.8	976.2	846.8	721.2
-15°	2100.8	2057.0	1958.1	1765.9	1543.2	1379.6	1215.9	1048.5	919.1	787.8	692.6
-17.5°	1554.7	1552.7	1503.3	1431.0	1320.6	1198.8	1078.9	972.4	846.8	734.5	662.2
-20°	1288.2	1288.2	1259.7	1212.1	1134.1	1054.2	974.3	875.3	772.6	688.8	658.4

REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1094.2	1096.1	1080.8	1050.4	1008.5	941.9	863.9	784.0	709.8	679.3	669.8
-25°	968.6	964.8	947.6	919.1	875.3	822.0	770.7	717.4	696.5	688.8	702.2
-27.5°	820.1	825.8	818.2	804.9	776.4	738.3	726.9	711.7	715.5	726.9	778.3
-30°	732.6	738.3	745.9	751.6	742.1	732.6	736.4	747.8	772.6	816.3	835.4
-32.5°	732.6	734.5	745.9	757.3	763.1	770.7	791.6	829.7	865.8	854.4	850.6
-35°	799.2	793.5	808.7	823.9	844.9	871.5	894.4	886.7	873.4	869.6	873.4
-37.5°	989.5	953.3	938.1	928.6	922.9	919.1	913.4	907.7	902.0	898.2	903.9
-40°	987.6	978.1	968.6	961.0	955.2	947.6	943.8	941.9	936.2	932.4	928.6
-42.5°	983.8	987.6	987.6	985.7	987.6	985.7	980.0	972.4	962.9	955.2	947.6
-45°	1012.3	1014.2	1018.0	1021.8	1027.6	1019.9	1008.5	995.2	981.9	970.5	961.0
-47.5°	1029.5	1031.4	1035.2	1040.9	1044.7	1037.1	1021.8	1004.7	983.8	964.8	945.7
-50°	1035.2	1040.9	1042.8	1042.8	1040.9	1031.4	1008.5	983.8	961.0	941.9	924.8
-52.5°	1008.5	1014.2	1016.1	1012.3	1010.4	1000.9	980.0	957.1	932.4	919.1	903.9
-55°	964.8	972.4	978.1	978.1	978.1	976.2	957.1	936.2	917.2	902.0	886.7
-57.5°	947.6	961.0	972.4	974.3	976.2	978.1	964.8	943.8	921.0	898.2	879.1
-60°	1010.4	1021.8	1027.6	1019.9	1014.2	1008.5	987.6	962.9	940.0	917.2	881.0
-62.5°	993.3	1012.3	1021.8	1016.1	1008.5	999.0	976.2	947.6	921.0	896.3	860.1
-65°	938.1	955.2	966.7	957.1	945.7	932.4	911.5	884.8	860.1	835.4	803.0
-67.5°	844.9	869.6	888.6	867.7	852.5	835.4	818.2	795.4	770.7	742.1	711.7
-70°	698.4	717.4	734.5	728.8	725.0	721.2	709.8	686.9	666.0	643.2	616.5
-72.5°	561.3	578.5	593.7	584.2	576.6	565.2	548.0	523.3	498.6	473.8	449.1
-75°	310.2	315.9	321.6	319.7	319.7	319.7	319.7	321.6	317.8	312.1	300.7
-77.5°	237.9	245.5	251.2	255.0	260.7	268.3	274.0	264.5	255.0	245.5	234.1
-80°	186.5	194.1	199.8	220.7	236.0	253.1	264.5	251.2	237.9	226.4	216.9
-82.5°	140.8	146.5	152.2	163.6	171.3	180.8	188.4	188.4	186.5	184.6	178.9
-85°	102.8	110.4	118.0	121.8	127.5	127.5	129.4	121.8	114.2	108.5	100.9
-87.5°	59.0	60.9	60.9	60.9	62.8	62.8	62.8	59.0	57.1	53.3	51.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.9	1.9	1.9	3.8	3.8	5.7	5.7	7.6	7.6	9.5	9.5
85°	11.4	11.4	11.4	13.3	13.3	15.2	17.1	19.0	20.9	20.9	22.8
82.5°	19.0	20.9	22.8	24.7	26.6	28.5	30.4	32.3	38.1	41.9	43.8
80°	19.0	20.9	26.6	30.4	34.3	38.1	38.1	38.1	38.1	40.0	43.8
77.5°	13.3	15.2	17.1	20.9	30.4	38.1	43.8	47.6	43.8	41.9	38.1
75°	7.6	9.5	11.4	13.3	19.0	26.6	36.2	45.7	53.3	51.4	47.6
72.5°	7.6	7.6	9.5	11.4	13.3	15.2	17.1	26.6	38.1	47.6	53.3
70°	7.6	9.5	9.5	11.4	13.3	15.2	17.1	20.9	26.6	38.1	49.5
67.5°	7.6	9.5	9.5	13.3	17.1	19.0	20.9	19.0	17.1	24.7	36.2
65°	7.6	7.6	9.5	11.4	13.3	15.2	20.9	20.9	19.0	19.0	19.0
62.5°	11.4	11.4	11.4	11.4	13.3	13.3	13.3	17.1	17.1	17.1	17.1
60°	22.8	20.9	20.9	20.9	20.9	17.1	17.1	17.1	15.2	17.1	15.2
57.5°	55.2	45.7	41.9	41.9	36.2	34.3	28.5	20.9	20.9	17.1	17.1
55°	112.3	106.6	89.4	74.2	66.6	59.0	45.7	38.1	28.5	22.8	20.9
52.5°	173.2	157.9	142.7	123.7	104.7	89.4	76.1	59.0	47.6	34.3	26.6
50°	226.4	213.1	196.0	175.1	150.3	131.3	112.3	89.4	70.4	53.3	38.1
47.5°	308.3	281.6	260.7	236.0	207.4	180.8	156.0	129.4	98.9	78.0	59.0
45°	395.8	357.7	329.2	306.4	268.3	232.2	203.6	175.1	138.9	102.8	79.9
42.5°	456.7	428.1	390.1	359.6	325.4	287.3	249.3	218.8	180.8	138.9	102.8
40°	489.0	470.0	439.6	412.9	376.8	334.9	294.9	264.5	224.5	178.9	129.4
37.5°	513.8	504.3	489.0	468.1	433.9	384.4	344.4	308.3	274.0	220.7	167.5
35°	542.3	540.4	530.9	521.4	492.8	445.3	397.7	355.8	314.0	264.5	205.5
32.5°	569.0	567.1	561.3	557.5	546.1	504.3	452.9	405.3	357.7	306.4	241.7
30°	582.3	578.5	578.5	582.3	570.9	544.2	506.2	454.8	401.5	340.6	279.7
27.5°	582.3	578.5	580.4	586.1	584.2	570.9	542.3	500.5	441.5	373.0	314.0
25°	557.5	576.6	576.6	584.2	586.1	582.3	567.1	540.4	479.5	407.2	340.6
22.5°	523.3	569.0	586.1	584.2	586.1	595.6	597.5	572.8	515.7	441.5	367.3
20°	523.3	555.6	605.1	591.8	595.6	616.5	626.0	605.1	553.7	473.8	393.9
17.5°	534.7	555.6	597.5	618.4	624.1	641.3	656.5	643.2	588.0	508.1	430.1
15°	567.1	563.3	591.8	643.2	652.7	666.0	683.1	667.9	618.4	546.1	464.3
12.5°	589.9	569.0	591.8	647.0	677.4	690.7	696.5	685.0	645.1	580.4	498.6
10°	620.3	584.2	595.6	643.2	686.9	696.5	702.2	698.4	669.8	608.9	529.0
7.5°	643.2	591.8	591.8	637.5	696.5	704.1	707.9	711.7	690.7	633.7	555.6
5°	652.7	591.8	588.0	631.8	706.0	713.6	713.6	719.3	706.0	652.7	574.7
2.5°	654.6	589.9	584.2	627.9	723.1	723.1	719.3	725.0	717.4	664.1	588.0
0°	664.1	588.0	582.3	633.7	742.1	734.5	725.0	726.9	723.1	669.8	595.6
-2.5°	664.1	597.5	589.9	637.5	740.2	738.3	734.5	736.4	732.6	686.9	610.8
-5°	673.6	610.8	603.2	654.6	738.3	744.0	745.9	745.9	740.2	698.4	620.3
-7.5°	675.5	620.3	618.4	671.7	742.1	751.6	757.3	761.2	749.7	706.0	627.9
-10°	666.0	624.1	633.7	692.6	745.9	759.2	770.7	776.4	757.3	709.8	631.8
-12.5°	645.1	624.1	648.9	719.3	755.4	770.7	787.8	789.7	765.0	711.7	633.7
-15°	643.2	639.4	675.5	745.9	761.2	780.2	806.8	801.1	770.7	711.7	633.7
-17.5°	641.3	660.3	715.5	755.4	770.7	791.6	812.5	806.8	774.5	711.7	629.9
-20°	658.4	694.6	763.1	765.0	782.1	804.9	816.3	804.9	768.8	706.0	624.1

REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	686.9	755.4	778.3	785.9	801.1	818.2	823.9	806.8	763.1	696.5	614.6
-25°	759.2	793.5	793.5	810.6	825.8	833.5	827.8	808.7	755.4	686.9	605.1
-27.5°	814.4	812.5	822.0	839.2	852.5	852.5	837.3	799.2	744.0	677.4	591.8
-30°	835.4	837.3	850.6	869.6	873.4	863.9	841.1	791.6	734.5	662.2	574.7
-32.5°	856.3	863.9	881.0	890.5	892.4	873.4	831.6	778.3	719.3	645.1	555.6
-35°	881.0	896.3	905.8	907.7	898.2	865.8	818.2	761.2	696.5	620.3	538.5
-37.5°	913.4	921.0	926.7	919.1	892.4	854.4	795.4	738.3	675.5	593.7	513.8
-40°	934.3	938.1	940.0	915.3	882.9	827.8	770.7	711.7	639.4	563.3	487.1
-42.5°	947.6	943.8	928.6	902.0	854.4	801.1	745.9	679.3	607.0	532.8	458.6
-45°	943.8	930.5	907.7	875.3	825.8	772.6	707.9	641.3	572.8	500.5	426.2
-47.5°	928.6	907.7	879.1	841.1	795.4	730.7	666.0	601.3	534.7	464.3	395.8
-50°	909.6	884.8	850.6	803.0	742.1	683.1	624.1	561.3	492.8	428.1	367.3
-52.5°	888.6	862.0	818.2	765.0	698.4	637.5	580.4	519.5	456.7	395.8	342.5
-55°	865.8	839.2	789.7	728.8	662.2	595.6	540.4	489.0	428.1	369.2	321.6
-57.5°	854.4	820.1	768.8	707.9	637.5	569.0	521.4	466.2	411.0	350.1	304.5
-60°	844.9	810.6	763.1	692.6	626.0	561.3	506.2	452.9	393.9	336.8	291.1
-62.5°	818.2	782.1	738.3	669.8	605.1	546.1	496.7	433.9	376.8	323.5	281.6
-65°	765.0	726.9	688.8	627.9	569.0	513.8	464.3	407.2	353.9	308.3	272.1
-67.5°	681.2	648.9	614.6	563.3	513.8	464.3	418.6	369.2	325.4	293.0	274.0
-70°	588.0	553.7	519.5	477.6	435.8	395.8	359.6	323.5	294.9	277.8	262.6
-72.5°	428.1	412.9	395.8	363.4	329.2	304.5	287.3	272.1	251.2	236.0	226.4
-75°	285.4	264.5	237.9	226.4	228.3	224.5	215.0	203.6	194.1	188.4	175.1
-77.5°	222.6	211.2	197.9	184.6	178.9	173.2	165.6	156.0	148.4	135.1	116.1
-80°	205.5	196.0	186.5	177.0	167.5	154.1	138.9	123.7	116.1	110.4	108.5
-82.5°	169.4	157.9	146.5	137.0	123.7	114.2	104.7	97.0	97.0	95.1	93.2
-85°	97.0	93.2	87.5	83.7	79.9	74.2	68.5	64.7	62.8	60.9	59.0
-87.5°	49.5	47.6	43.8	41.9	40.0	38.1	34.3	32.3	30.4	30.4	28.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.5	9.5	7.6	7.6	7.6	5.7	3.8	3.8	1.9	1.9	0.0
85°	22.8	19.0	17.1	15.2	15.2	11.4	7.6	5.7	3.8	1.9	1.9
82.5°	43.8	38.1	32.3	28.5	22.8	17.1	13.3	9.5	5.7	3.8	1.9
80°	49.5	49.5	47.6	40.0	32.3	24.7	17.1	11.4	7.6	5.7	3.8
77.5°	38.1	41.9	41.9	41.9	40.0	30.4	20.9	13.3	7.6	5.7	3.8
75°	43.8	38.1	36.2	38.1	36.2	30.4	24.7	15.2	9.5	7.6	3.8
72.5°	53.3	45.7	40.0	38.1	34.3	28.5	22.8	17.1	9.5	7.6	5.7
70°	49.5	47.6	43.8	40.0	34.3	28.5	22.8	17.1	11.4	7.6	5.7
67.5°	43.8	43.8	43.8	40.0	34.3	26.6	20.9	15.2	11.4	7.6	5.7
65°	30.4	36.2	40.0	38.1	34.3	26.6	20.9	15.2	11.4	9.5	5.7
62.5°	19.0	24.7	32.3	36.2	32.3	26.6	19.0	15.2	11.4	9.5	5.7
60°	17.1	19.0	22.8	28.5	30.4	24.7	19.0	13.3	11.4	9.5	5.7
57.5°	17.1	17.1	19.0	22.8	24.7	22.8	17.1	11.4	11.4	9.5	7.6
55°	19.0	17.1	17.1	19.0	20.9	20.9	17.1	11.4	11.4	9.5	7.6
52.5°	22.8	19.0	17.1	17.1	17.1	19.0	15.2	11.4	11.4	9.5	7.6
50°	28.5	22.8	20.9	17.1	17.1	17.1	15.2	11.4	9.5	9.5	7.6
47.5°	38.1	30.4	22.8	20.9	17.1	15.2	13.3	11.4	9.5	9.5	7.6
45°	57.1	36.2	30.4	22.8	19.0	17.1	15.2	11.4	9.5	9.5	7.6
42.5°	78.0	53.3	38.1	26.6	20.9	17.1	15.2	13.3	9.5	9.5	7.6
40°	98.9	72.3	47.6	34.3	24.7	19.0	15.2	13.3	11.4	9.5	7.6
37.5°	121.8	89.4	62.8	43.8	28.5	20.9	17.1	13.3	11.4	9.5	7.6
35°	150.3	112.3	78.0	53.3	34.3	24.7	19.0	13.3	11.4	9.5	7.6
32.5°	182.7	133.2	93.2	64.7	43.8	30.4	20.9	15.2	11.4	9.5	7.6
30°	213.1	157.9	110.4	78.0	53.3	34.3	22.8	15.2	11.4	9.5	5.7
27.5°	243.6	182.7	131.3	91.3	64.7	40.0	24.7	17.1	11.4	9.5	7.6
25°	274.0	207.4	152.2	104.7	74.2	47.6	30.4	19.0	11.4	9.5	7.6
22.5°	300.7	232.2	171.3	119.9	85.6	55.2	34.3	20.9	13.3	9.5	7.6
20°	331.1	258.8	192.2	137.0	95.1	62.8	38.1	22.8	13.3	9.5	7.6
17.5°	359.6	285.4	213.1	152.2	106.6	70.4	43.8	24.7	15.2	9.5	7.6
15°	388.2	310.2	232.2	167.5	118.0	78.0	47.6	26.6	17.1	9.5	7.6
12.5°	414.8	333.0	249.3	180.8	127.5	85.6	51.4	28.5	19.0	9.5	7.6
10°	439.6	353.9	266.4	192.2	137.0	91.3	55.2	32.3	20.9	9.5	7.6
7.5°	464.3	371.1	279.7	203.6	148.4	98.9	59.0	34.3	22.8	11.4	7.6
5°	479.5	386.3	291.1	213.1	157.9	106.6	62.8	36.2	24.7	11.4	7.6
2.5°	492.8	397.7	298.8	222.6	167.5	112.3	62.8	38.1	26.6	11.4	7.6
0°	500.5	405.3	304.5	228.3	175.1	116.1	64.7	40.0	28.5	11.4	7.6
-2.5°	517.6	418.6	317.8	236.0	182.7	127.5	68.5	41.9	30.4	13.3	7.6
-5°	529.0	426.2	327.3	243.6	188.4	138.9	74.2	45.7	34.3	17.1	9.5
-7.5°	538.5	433.9	334.9	247.4	194.1	142.7	76.1	47.6	36.2	19.0	9.5
-10°	540.4	437.7	340.6	253.1	197.9	148.4	78.0	49.5	38.1	20.9	9.5
-12.5°	542.3	441.5	342.5	256.9	201.7	152.2	79.9	51.4	40.0	22.8	9.5
-15°	540.4	439.6	342.5	260.7	203.6	148.4	83.7	53.3	41.9	24.7	9.5
-17.5°	536.6	437.7	340.6	258.8	201.7	144.6	85.6	57.1	41.9	26.6	11.4
-20°	530.9	432.0	336.8	256.9	199.8	140.8	87.5	59.0	43.8	26.6	11.4



REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	521.4	422.4	329.2	251.2	196.0	137.0	87.5	62.8	45.7	26.6	11.4
-25°	510.0	412.9	321.6	243.6	190.3	131.3	87.5	64.7	47.6	26.6	11.4
-27.5°	496.7	403.4	310.2	237.9	182.7	127.5	87.5	66.6	49.5	26.6	11.4
-30°	481.4	390.1	300.7	228.3	177.0	127.5	89.4	68.5	51.4	26.6	11.4
-32.5°	466.2	376.8	289.2	220.7	169.4	125.6	89.4	70.4	53.3	24.7	13.3
-35°	449.1	361.5	279.7	215.0	163.6	121.8	91.3	70.4	51.4	24.7	13.3
-37.5°	428.1	342.5	270.2	209.3	159.8	118.0	91.3	72.3	49.5	24.7	13.3
-40°	405.3	327.3	258.8	201.7	154.1	116.1	91.3	72.3	47.6	24.7	15.2
-42.5°	380.6	310.2	247.4	194.1	148.4	114.2	91.3	72.3	45.7	24.7	15.2
-45°	357.7	293.0	234.1	184.6	142.7	114.2	91.3	70.4	41.9	26.6	15.2
-47.5°	333.0	274.0	218.8	175.1	140.8	112.3	89.4	66.6	38.1	26.6	15.2
-50°	312.1	255.0	207.4	165.6	137.0	114.2	91.3	60.9	38.1	26.6	15.2
-52.5°	291.1	241.7	194.1	161.7	133.2	116.1	89.4	57.1	38.1	26.6	15.2
-55°	274.0	228.3	186.5	156.0	137.0	119.9	85.6	51.4	38.1	26.6	15.2
-57.5°	260.7	220.7	180.8	157.9	142.7	116.1	79.9	49.5	38.1	24.7	15.2
-60°	251.2	213.1	182.7	165.6	144.6	110.4	76.1	49.5	38.1	24.7	13.3
-62.5°	243.6	215.0	192.2	171.3	137.0	102.8	72.3	49.5	34.3	22.8	13.3
-65°	245.5	222.6	196.0	163.6	131.3	95.1	66.6	47.6	32.3	20.9	13.3
-67.5°	251.2	216.9	184.6	154.1	118.0	85.6	60.9	43.8	30.4	20.9	13.3
-70°	232.2	199.8	167.5	131.3	100.9	74.2	57.1	40.0	26.6	19.0	13.3
-72.5°	209.3	167.5	133.2	106.6	85.6	68.5	51.4	36.2	24.7	17.1	11.4
-75°	152.2	121.8	98.9	89.4	76.1	60.9	45.7	32.3	22.8	17.1	11.4
-77.5°	108.5	100.9	91.3	81.8	68.5	53.3	40.0	30.4	20.9	15.2	9.5
-80°	106.6	97.0	85.6	70.4	57.1	45.7	34.3	26.6	19.0	13.3	7.6
-82.5°	89.4	76.1	64.7	53.3	43.8	36.2	28.5	20.9	15.2	9.5	5.7
-85°	55.2	47.6	41.9	36.2	30.4	24.7	19.0	13.3	9.5	5.7	3.8
-87.5°	26.6	24.7	20.9	17.1	15.2	11.4	9.5	7.6	5.7	3.8	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

REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	1.9	0.0	0.0	0.0
80°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	3.8	1.9	1.9	0.0
67.5°	3.8	1.9	1.9	0.0
65°	3.8	1.9	1.9	0.0
62.5°	3.8	1.9	1.9	0.0
60°	3.8	1.9	1.9	0.0
57.5°	3.8	1.9	1.9	0.0
55°	3.8	1.9	1.9	0.0
52.5°	3.8	1.9	1.9	0.0
50°	3.8	1.9	1.9	0.0
47.5°	3.8	3.8	1.9	0.0
45°	3.8	3.8	1.9	0.0
42.5°	3.8	3.8	1.9	0.0
40°	3.8	3.8	1.9	0.0
37.5°	3.8	3.8	1.9	0.0
35°	3.8	3.8	1.9	0.0
32.5°	5.7	3.8	1.9	0.0
30°	5.7	3.8	3.8	0.0
27.5°	5.7	3.8	3.8	0.0
25°	5.7	3.8	3.8	0.0
22.5°	5.7	3.8	3.8	0.0
20°	5.7	3.8	3.8	0.0
17.5°	5.7	3.8	3.8	0.0
15°	5.7	3.8	3.8	0.0
12.5°	5.7	3.8	3.8	0.0
10°	5.7	3.8	3.8	0.0
7.5°	5.7	3.8	3.8	0.0
5°	5.7	3.8	3.8	0.0
2.5°	5.7	3.8	3.8	0.0
0°	5.7	3.8	3.8	0.0
-2.5°	5.7	3.8	3.8	0.0
-5°	5.7	3.8	3.8	0.0
-7.5°	5.7	3.8	3.8	0.0
-10°	5.7	3.8	3.8	0.0
-12.5°	7.6	3.8	3.8	0.0
-15°	7.6	3.8	3.8	0.0
-17.5°	7.6	3.8	3.8	0.0
-20°	7.6	3.8	3.8	0.0

REPORT NUMBER: P723814

CATALOG NUMBER: IFLD-S-SA3C-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	7.6	3.8	3.8	0.0
-25°	7.6	3.8	3.8	0.0
-27.5°	7.6	3.8	3.8	0.0
-30°	7.6	3.8	3.8	0.0
-32.5°	7.6	3.8	3.8	0.0
-35°	7.6	3.8	3.8	0.0
-37.5°	7.6	3.8	3.8	0.0
-40°	7.6	3.8	3.8	0.0
-42.5°	5.7	3.8	1.9	0.0
-45°	7.6	3.8	1.9	0.0
-47.5°	7.6	3.8	1.9	0.0
-50°	7.6	3.8	1.9	0.0
-52.5°	7.6	3.8	1.9	0.0
-55°	7.6	3.8	1.9	0.0
-57.5°	7.6	3.8	1.9	0.0
-60°	7.6	3.8	1.9	0.0
-62.5°	7.6	3.8	1.9	0.0
-65°	7.6	3.8	1.9	0.0
-67.5°	7.6	3.8	1.9	0.0
-70°	7.6	1.9	1.9	0.0
-72.5°	5.7	1.9	1.9	0.0
-75°	5.7	1.9	1.9	0.0
-77.5°	3.8	1.9	0.0	0.0
-80°	3.8	1.9	0.0	0.0
-82.5°	3.8	1.9	0.0	0.0
-85°	1.9	0.0	0.0	0.0
-87.5°	1.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)