

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P599446

Luminaire Tested: **IFLD-M-SA4D-730-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599446
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4D-730-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (64) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

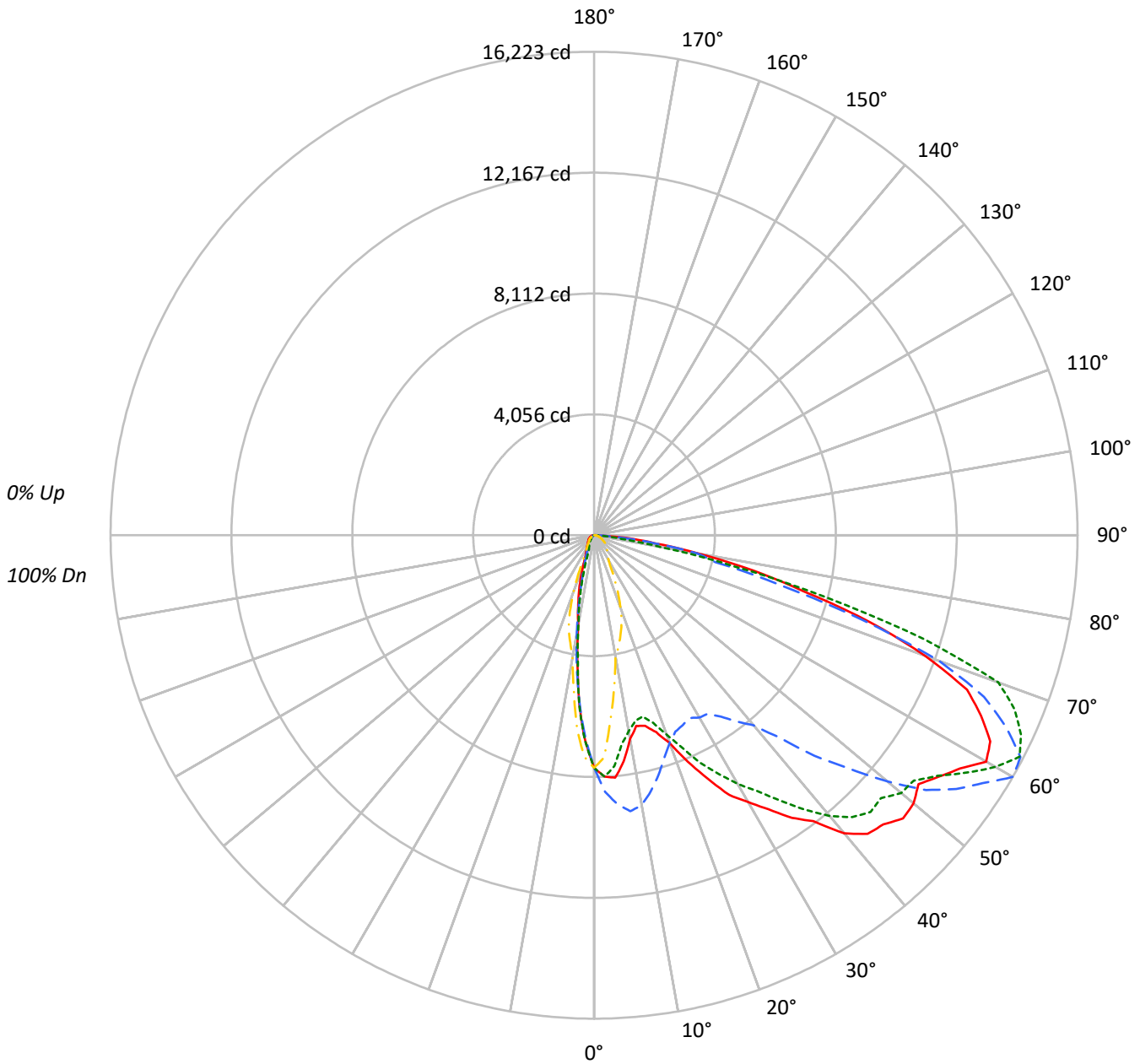
Lumens per Lamp: N/A
 Luminaire Lumens: 20748.3 lumens
 Efficiency: N/A
 Efficacy: 83.1 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 249.7
 Input Voltage (V): 120
 Input Current (A_{in}): 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

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	GONIO 1 IN0055	4/22/2021	10/22/2021
Power Meter	XITRON 2801 IN0197	12/1/2020	12/1/2021
AC Power Source	CHROMA 61505 IN0196	12/1/2020	12/1/2021
DC Power Supply	AGILENT E3634A IN0198	11/30/2020	11/30/2021
Room Thermometer	ONSET IN0143	12/1/2020	12/1/2021

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° ··· 90°-270° - · 135°-315°

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	83971	83971	83971	83971
5°	88244	83993	61364	61723
10°	75880	72974	33550	32763
15°	73783	70140	21795	16423
20°	85046	81491	11678	5838
25°	106932	100023	7568	4540
30°	128434	119687	6129	3719
35°	152091	142700	5024	2985
40°	183500	172756	4437	2258
45°	208916	199807	4133	1518
50°	234368	225275	4083	928
55°	265039	264102	4055	417
60°	327059	334814	3698	118
65°	364931	402468	3387	0
70°	372111	454242	3138	0
75°	302781	335042	2994	0
80°	220153	140128	3093	0
85°	142336	58849	4100	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	592.6	2.9
10°-20°	1162.2	5.6
20°-30°	1608.3	7.8
30°-40°	2272.9	11.0
40°-50°	3094.6	14.9
50°-60°	4098.5	19.8
60°-70°	4758.7	22.9
70°-80°	2694.9	13.0
80°-90°	465.6	2.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	3363.1	16.2
0°-40°	5636.0	27.2
0°-60°	12829.1	61.8
0°-90°	20748.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20748.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7801	7801	7801	7801	7801	
5°	8167	7774	5679	5712	8167	733
15°	6621	6294	1956	1474	6621	1942
25°	9004	8422	637	382	9004	4199
35°	11574	10860	382	227	11574	7297
45°	13724	13126	272	100	13724	10640
55°	14123	14073	216	22	14123	12796
65°	14328	15802	133	0	14328	13967
75°	7280	8056	72	0	7280	7946
85°	1152	476	33	0	1152	1385
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2
2.5°	8106.0	8277.7	8283.3	8360.8	8438.4	8438.4	8621.2	8576.9	8416.2	8388.5	8272.2
5°	8166.9	8227.8	8272.2	8665.6	8998.0	8964.8	9064.5	8998.0	8687.7	8288.8	8017.3
7.5°	7640.5	7707.0	7884.3	8554.7	9003.5	9153.1	9341.5	8926.0	8599.1	7878.8	7358.0
10°	6942.4	7069.9	7396.8	8161.4	8715.4	9191.9	9191.9	8859.5	8227.8	7524.2	6887.0
12.5°	6554.6	6809.4	6986.7	7762.4	8482.7	8809.6	8798.5	8621.2	8211.2	7324.7	6604.4
15°	6621.1	6693.1	7069.9	7673.8	8150.3	8133.7	8333.1	8277.7	7989.6	7502.0	6709.7
17.5°	6925.8	7036.6	7363.5	7673.8	7901.0	7834.5	7828.9	8094.9	8111.5	7801.2	7103.1
20°	7424.5	7751.4	7906.5	8000.7	7723.7	7441.1	7407.8	7779.1	8067.2	8183.5	7574.1
22.5°	8222.3	8438.4	8754.2	8272.2	7551.9	7197.3	7130.8	7540.8	8122.6	8637.9	8183.5
25°	9003.5	9169.8	9474.5	8853.9	7745.8	7147.4	7031.1	7385.7	8333.1	9269.5	8920.4
27.5°	9829.1	9973.2	10006.4	9280.6	7851.1	7047.7	6909.2	7385.7	8510.4	9601.9	9801.4
30°	10333.3	10505.1	10538.3	9657.3	8022.8	7130.8	7064.3	7418.9	8632.3	9884.5	10433.0
32.5°	10898.4	10942.8	10915.1	9723.8	8211.2	7374.6	7097.6	7640.5	8770.8	10222.5	11009.3
35°	11574.4	11652.0	11369.4	10028.6	8632.3	7529.7	7430.0	7912.0	9009.1	10377.6	11707.4
37.5°	12089.7	12333.5	11696.3	10144.9	8715.4	7856.6	7873.2	8477.2	9175.3	10566.0	12477.5
40°	13059.3	12649.3	12250.4	10543.8	9031.2	8410.7	8322.0	9058.9	9734.9	10687.9	12981.7
42.5°	13591.2	13375.1	12466.4	10582.6	9518.8	9175.3	9197.5	9718.3	10028.6	11031.4	13120.2
45°	13724.2	13497.0	12760.1	10610.3	10000.9	10078.4	10460.7	10560.5	10460.7	11258.6	13380.6
47.5°	14062.1	13569.0	12726.8	10981.5	10782.1	11081.3	11568.9	11784.9	11048.0	11175.5	13502.5
50°	13995.7	13713.1	12654.8	11136.7	11735.1	12527.4	12854.3	12765.6	11701.8	11003.7	13369.6
52.5°	13718.6	13413.9	12876.4	11557.8	12627.1	13585.6	14040.0	13818.4	12283.6	11391.6	13280.9
55°	14123.1	13890.4	13164.6	12128.5	13297.5	14516.5	14837.8	14671.6	12998.3	11751.7	13785.1
57.5°	14560.8	14510.9	13945.8	12798.9	14089.8	15475.0	15475.0	15270.0	13618.9	12272.5	14533.1
60°	15192.4	15303.2	14522.0	13242.1	14361.3	15419.6	16223.0	15984.7	14245.0	13186.7	15380.8
62.5°	14987.4	15342.0	15264.5	14195.1	14671.6	15691.1	16128.8	16306.1	15020.7	14300.4	16511.1
65°	14328.1	14704.9	15258.9	14821.2	14438.9	15031.8	15253.4	15790.8	15408.5	15347.6	16976.5
67.5°	13541.3	13951.3	14294.9	15242.3	13968.0	14361.3	14167.4	14339.2	14987.4	16494.5	17242.5
70°	11823.7	12217.1	12760.1	14305.9	12721.3	12366.7	12316.8	12233.7	13242.1	16084.5	16034.6
72.5°	9723.8	9906.7	10804.2	11629.8	9413.5	9347.1	9424.6	9330.4	10499.5	14560.8	13735.2
75°	7280.4	7463.2	7973.0	8931.5	6410.5	6028.2	6471.5	6909.2	8017.3	11302.9	9867.9
77.5°	5474.2	5706.9	6028.2	6682.0	4704.0	4105.6	4166.6	4582.1	5795.5	9053.4	5529.6
80°	3551.6	3523.8	4144.4	4598.7	3540.5	3651.3	3496.1	3800.9	4199.8	4842.5	2825.7
82.5°	2050.0	2077.7	2338.1	2637.3	2465.6	2820.2	2033.4	3396.4	2997.5	1972.5	1052.7
85°	1152.5	1202.3	1440.6	1828.4	1545.8	1036.1	847.7	1684.4	1883.8	808.9	509.7
87.5°	116.4	99.7	193.9	692.6	421.1	171.8	254.9	404.5	454.3	304.7	149.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2
2.5°	8106.0	8106.0	7967.4	7734.7	7640.5	7474.3	7247.2	7319.2	7241.6	6959.0	6887.0
5°	7773.5	7507.6	7219.5	6864.9	6659.8	6238.8	6105.8	5867.5	5906.3	5668.1	5679.2
7.5°	7080.9	6870.4	6382.8	5917.4	5512.9	5147.3	4632.0	4438.1	4249.7	4155.5	4266.3
10°	6676.5	6283.1	5618.2	5008.7	4471.3	4144.4	3800.9	3534.9	3291.1	3108.3	3069.5
12.5°	6382.8	6033.8	5230.4	4487.9	4066.8	3800.9	3485.1	3119.4	2881.1	2565.3	2471.1
15°	6294.2	5867.5	5019.8	4282.9	3872.9	3435.2	3075.1	2714.9	2404.6	2072.2	1955.8
17.5°	6598.9	6105.8	5014.3	4116.7	3540.5	3069.5	2570.9	2166.4	1850.6	1545.8	1473.8
20°	7114.2	6360.7	5175.0	4017.0	3224.7	2593.0	2027.9	1623.4	1268.8	1069.3	1019.5
22.5°	7701.5	6792.8	5191.6	3751.0	2908.8	2116.5	1479.4	1069.3	869.9	775.7	748.0
25°	8421.8	7485.4	5391.0	3534.9	2537.6	1606.8	1052.7	820.0	703.7	648.3	637.2
27.5°	9014.6	7967.4	5607.1	3307.8	2171.9	1191.2	825.6	670.4	609.5	554.1	548.5
30°	9629.6	8521.5	5668.1	3169.2	1856.1	980.7	709.2	592.8	526.4	498.7	493.1
32.5°	10167.1	9125.4	5862.0	2942.1	1556.9	864.3	642.7	531.9	487.6	443.3	437.7
35°	10859.7	9474.5	5956.2	2820.2	1446.1	781.2	587.3	487.6	421.1	393.4	382.3
37.5°	11602.1	9812.5	6017.1	2726.0	1351.9	731.4	554.1	459.9	398.9	360.1	349.1
40°	12294.7	10289.0	5928.5	2609.6	1279.9	670.4	531.9	426.6	371.2	332.4	315.8
42.5°	12826.6	10754.4	5900.8	2498.8	1202.3	648.3	504.2	410.0	349.1	304.7	299.2
45°	13125.8	11070.2	5706.9	2410.2	1141.4	659.3	493.1	387.8	332.4	293.7	271.5
47.5°	13053.7	11314.0	5756.7	2382.5	1058.3	615.0	487.6	371.2	304.7	271.5	254.9
50°	13452.7	11807.1	5673.6	2293.8	997.3	554.1	531.9	371.2	299.2	260.4	243.8
52.5°	13519.2	12255.9	5850.9	2133.1	903.1	509.7	526.4	365.7	288.1	249.3	227.2
55°	14073.2	12776.7	6194.4	2044.5	825.6	443.3	482.0	354.6	260.4	227.2	216.1
57.5°	14826.8	13857.1	6416.1	1961.4	720.3	387.8	404.5	349.1	238.2	210.5	193.9
60°	15552.6	14289.3	6432.7	1811.8	620.6	349.1	315.8	349.1	221.6	188.4	171.8
62.5°	16095.6	14289.3	6321.9	1684.4	543.0	310.3	277.0	332.4	199.5	166.2	155.1
65°	15801.9	13907.0	6033.8	1579.1	493.1	271.5	238.2	254.9	177.3	144.1	133.0
67.5°	15275.5	12715.8	5396.6	1451.6	487.6	238.2	205.0	188.4	155.1	127.4	116.4
70°	14433.4	11109.0	4493.5	1307.6	476.5	216.1	182.8	160.7	138.5	110.8	99.7
72.5°	11629.8	9175.3	3690.1	1224.5	465.4	188.4	155.1	138.5	116.4	94.2	83.1
75°	8056.1	5862.0	2842.3	1047.2	454.3	171.8	144.1	121.9	99.7	77.6	72.0
77.5°	4831.4	3917.2	1834.0	786.8	299.2	138.5	121.9	94.2	83.1	66.5	60.9
80°	2260.6	1850.6	742.4	304.7	144.1	99.7	83.1	72.0	66.5	55.4	49.9
82.5°	886.5	781.2	360.1	177.3	116.4	77.6	66.5	60.9	55.4	44.3	38.8
85°	476.5	421.1	171.8	121.9	83.1	55.4	55.4	49.9	44.3	38.8	33.2
87.5°	105.3	77.6	72.0	72.0	60.9	44.3	44.3	38.8	33.2	27.7	22.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2
2.5°	6848.2	6931.3	6798.4	6881.5	6765.1	6853.8	6864.9	6781.7	6803.9	6914.7	6964.6
5°	5834.3	5778.9	5657.0	5618.2	5623.7	5551.7	5579.4	5618.2	5679.2	5712.4	5812.1
7.5°	4205.3	4332.8	4327.2	4421.4	4427.0	4415.9	4338.3	4172.1	4227.5	4183.2	4238.6
10°	3008.6	3064.0	3169.2	3230.2	3341.0	3280.1	3102.8	3036.3	3003.0	2997.5	3052.9
12.5°	2404.6	2271.7	2260.6	2282.7	2338.1	2266.1	2177.5	2099.9	2138.7	2216.3	2277.2
15°	1861.7	1750.8	1606.8	1584.6	1595.7	1562.5	1468.3	1368.5	1396.2	1473.8	1518.1
17.5°	1429.5	1302.1	1202.3	1135.8	1113.7	997.3	858.8	775.7	753.5	748.0	786.8
20°	964.1	941.9	925.3	842.2	842.2	676.0	559.6	498.7	498.7	509.7	515.3
22.5°	720.3	692.6	698.1	681.5	637.2	504.2	443.3	426.6	426.6	437.7	437.7
25°	626.1	587.3	576.2	570.7	526.4	432.2	387.8	371.2	371.2	382.3	382.3
27.5°	531.9	520.8	504.2	482.0	443.3	371.2	343.5	326.9	332.4	338.0	332.4
30°	487.6	459.9	437.7	437.7	393.4	332.4	310.3	299.2	288.1	299.2	304.7
32.5°	432.2	415.5	404.5	387.8	338.0	293.7	271.5	260.4	254.9	254.9	260.4
35°	371.2	371.2	360.1	338.0	293.7	266.0	238.2	227.2	221.6	227.2	227.2
37.5°	332.4	315.8	321.4	299.2	260.4	232.7	205.0	193.9	193.9	188.4	193.9
40°	310.3	282.6	266.0	254.9	232.7	199.5	177.3	166.2	160.7	160.7	160.7
42.5°	277.0	254.9	221.6	216.1	210.5	171.8	144.1	138.5	133.0	127.4	127.4
45°	260.4	227.2	199.5	171.8	171.8	144.1	121.9	110.8	105.3	99.7	105.3
47.5°	238.2	205.0	171.8	144.1	138.5	116.4	94.2	83.1	77.6	77.6	77.6
50°	227.2	182.8	149.6	121.9	105.3	94.2	72.0	60.9	55.4	55.4	55.4
52.5°	210.5	171.8	133.0	105.3	83.1	72.0	55.4	44.3	38.8	38.8	38.8
55°	188.4	155.1	116.4	88.7	72.0	55.4	38.8	27.7	22.2	22.2	22.2
57.5°	177.3	138.5	99.7	77.6	55.4	38.8	22.2	16.6	16.6	11.1	16.6
60°	160.7	121.9	83.1	60.9	44.3	27.7	16.6	5.5	5.5	5.5	5.5
62.5°	138.5	105.3	72.0	49.9	33.2	16.6	5.5	0.0	0.0	0.0	0.0
65°	116.4	83.1	55.4	38.8	22.2	5.5	0.0	0.0	0.0	0.0	0.0
67.5°	99.7	72.0	44.3	27.7	16.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	88.7	60.9	33.2	22.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	72.0	49.9	27.7	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	60.9	38.8	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	49.9	27.7	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	38.8	22.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	33.2	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	22.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.6	5.5	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

TEST NUMBER: P599446
 CATALOG NUMBER: IFLD-M-SA4D-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2	7801.2
2.5°	7036.6	7003.4	7169.6	7441.1	7579.6	7851.1	7917.6	8089.3	8045.0	8106.0
5°	5823.2	5889.7	6133.5	6532.4	6676.5	7069.9	7441.1	7812.3	8050.5	8166.9
7.5°	4321.7	4543.3	4842.5	5208.2	5579.4	6094.7	6726.3	7158.5	7391.2	7640.5
10°	3219.1	3457.4	3800.9	4161.0	4765.0	5341.2	5972.8	6510.3	6709.7	6942.4
12.5°	2532.1	2903.3	3302.2	3690.1	4050.2	4598.7	5380.0	6161.2	6377.3	6554.6
15°	1761.9	2216.3	2786.9	3291.1	3795.3	4271.8	5080.8	6028.2	6321.9	6621.1
17.5°	975.2	1335.3	1989.1	2698.3	3440.7	4172.1	5180.5	6272.0	6715.3	6925.8
20°	565.1	709.2	1174.6	2016.8	2997.5	3956.0	5230.4	6731.9	7319.2	7424.5
22.5°	465.4	515.3	664.9	1263.3	2454.5	3817.5	5485.2	7374.6	7973.0	8222.3
25°	398.9	437.7	515.3	759.1	1856.1	3523.8	5645.9	8178.0	8732.0	9003.5
27.5°	354.6	393.4	454.3	559.6	1263.3	3119.4	5911.9	8903.8	9457.9	9829.1
30°	310.3	343.5	404.5	476.5	875.4	2665.0	6139.0	9435.7	10216.9	10333.3
32.5°	277.0	304.7	349.1	410.0	648.3	2022.3	6321.9	9984.2	10643.6	10898.4
35°	238.2	271.5	299.2	349.1	493.1	1523.7	6211.1	10410.9	11269.7	11574.4
37.5°	210.5	232.7	260.4	293.7	415.5	1191.2	5983.9	10920.6	11807.1	12089.7
40°	177.3	193.9	227.2	260.4	376.8	919.7	5723.5	11535.6	12560.6	13059.3
42.5°	149.6	166.2	188.4	243.8	310.3	681.5	5197.1	12012.1	13170.1	13591.2
45°	116.4	138.5	171.8	243.8	249.3	504.2	4654.1	12366.7	13513.6	13724.2
47.5°	88.7	110.8	166.2	210.5	199.5	349.1	4011.4	12771.2	13868.2	14062.1
50°	66.5	88.7	188.4	182.8	166.2	266.0	3607.0	13053.7	13890.4	13995.7
52.5°	44.3	66.5	155.1	138.5	138.5	232.7	3496.1	13042.7	13945.8	13718.6
55°	33.2	49.9	88.7	99.7	121.9	205.0	3396.4	13458.2	13962.4	14123.1
57.5°	22.2	38.8	60.9	77.6	105.3	177.3	3191.4	13956.9	14477.7	14560.8
60°	11.1	27.7	44.3	60.9	88.7	155.1	2903.3	14322.6	15103.8	15192.4
62.5°	5.5	16.6	33.2	49.9	72.0	121.9	2604.1	13740.8	14832.3	14987.4
65°	0.0	11.1	22.2	33.2	44.3	88.7	2116.5	12405.5	13757.4	14328.1
67.5°	0.0	0.0	11.1	22.2	27.7	66.5	1595.7	11286.3	12765.6	13541.3
70°	0.0	0.0	5.5	5.5	16.6	49.9	1019.5	9347.1	11397.1	11823.7
72.5°	0.0	0.0	0.0	0.0	5.5	33.2	592.8	6942.4	8931.5	9723.8
75°	0.0	0.0	0.0	0.0	0.0	27.7	299.2	4465.8	6216.6	7280.4
77.5°	0.0	0.0	0.0	0.0	0.0	22.2	160.7	2881.1	4582.1	5474.2
80°	0.0	0.0	0.0	0.0	0.0	5.5	94.2	1673.3	2931.0	3551.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	38.8	820.0	1750.8	2050.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	11.1	437.7	875.4	1152.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	60.9	116.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)