

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: P599552

Luminaire Tested: **IFLD-S-SA3D-760-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: P599552
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3D-760-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (48) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

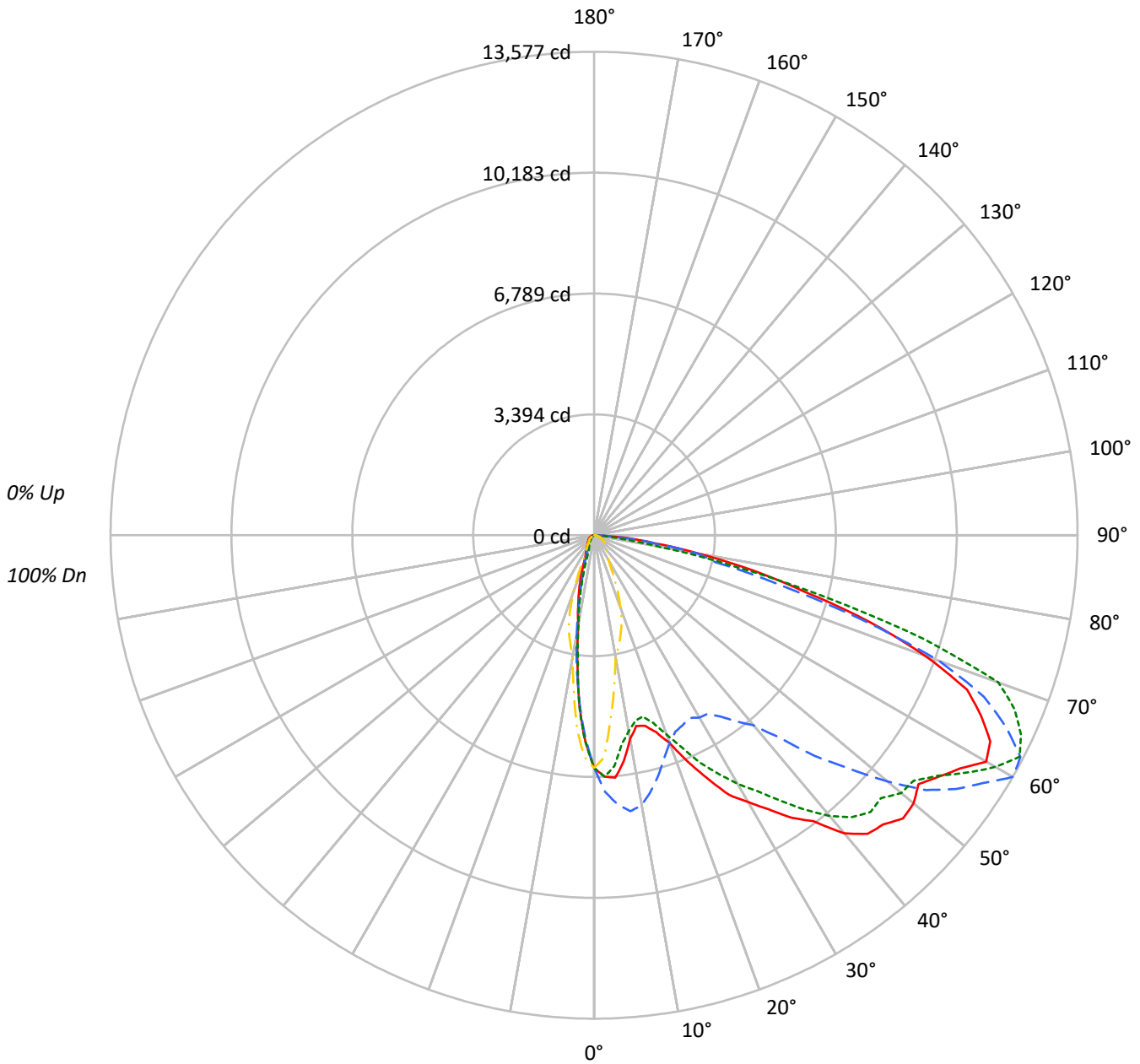
Lumens per Lamp: N/A
 Luminaire Lumens: 17364.1 lumens
 Efficiency: N/A
 Efficacy: 94.3 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 184.1
 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

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				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°	93701	93701	93701	93701
5°	98467	93724	68474	68874
10°	84672	81428	37437	36559
15°	82331	78267	24320	18326
20°	94899	90932	13031	6515
25°	119321	111611	8444	5066
30°	143314	133555	6839	4150
35°	169713	159233	5605	3331
40°	204759	192773	4952	2520
45°	233121	222956	4611	1695
50°	261521	251375	4555	1036
55°	295745	294701	4524	463
60°	364954	373605	4125	132
65°	407211	449097	3780	0
70°	415223	506869	3504	0
75°	337860	373859	3344	0
80°	245658	156364	3446	0
85°	158824	65670	4578	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	496.0	2.9
10°-20°	972.6	5.6
20°-30°	1345.9	7.8
30°-40°	1902.2	11.0
40°-50°	2589.8	14.9
50°-60°	3430.1	19.8
60°-70°	3982.5	22.9
70°-80°	2255.3	13.0
80°-90°	389.7	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°	2814.5	16.2
0°-40°	4716.7	27.2
0°-60°	10736.6	61.8
0°-90°	17364.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17364.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6529	6529	6529	6529	6529	
5°	6835	6506	4753	4781	6835	614
15°	5541	5268	1637	1233	5541	1625
25°	7535	7048	533	320	7535	3514
35°	9687	9088	320	190	9687	6106
45°	11486	10985	227	84	11486	8905
55°	11820	11778	181	18	11820	10709
65°	11991	13224	111	0	11991	11689
75°	6093	6742	60	0	6093	6650
85°	964	399	28	0	964	1159
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°	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8
2.5°	6783.8	6927.6	6932.2	6997.1	7062.0	7062.0	7215.1	7178.0	7043.5	7020.3	6922.9
5°	6834.8	6885.8	6922.9	7252.2	7530.4	7502.6	7586.0	7530.4	7270.7	6936.9	6709.6
7.5°	6394.3	6450.0	6598.4	7159.4	7535.0	7660.2	7817.9	7470.1	7196.5	6593.7	6157.8
10°	5810.1	5916.7	6190.3	6830.2	7293.9	7692.7	7692.7	7414.5	6885.8	6297.0	5763.7
12.5°	5485.5	5698.8	5847.2	6496.3	7099.1	7372.7	7363.4	7215.1	6871.9	6130.0	5527.2
15°	5541.1	5601.4	5916.7	6422.2	6820.9	6807.0	6973.9	6927.6	6686.5	6278.4	5615.3
17.5°	5796.2	5888.9	6162.5	6422.2	6612.3	6556.6	6552.0	6774.6	6788.5	6528.8	5944.5
20°	6213.5	6487.1	6616.9	6695.7	6463.9	6227.4	6199.6	6510.3	6751.4	6848.7	6338.7
22.5°	6881.2	7062.0	7326.4	6922.9	6320.1	6023.4	5967.7	6310.9	6797.7	7229.0	6848.7
25°	7535.0	7674.1	7929.2	7409.8	6482.4	5981.6	5884.3	6181.0	6973.9	7757.6	7465.5
27.5°	8225.9	8346.5	8374.3	7766.9	6570.5	5898.2	5782.3	6181.0	7122.3	8035.8	8202.7
30°	8647.9	8791.6	8819.4	8082.2	6714.3	5967.7	5912.1	6208.9	7224.3	8272.3	8731.3
32.5°	9120.8	9157.9	9134.8	8137.8	6871.9	6171.8	5939.9	6394.3	7340.3	8555.1	9213.6
35°	9686.6	9751.5	9515.0	8392.8	7224.3	6301.6	6218.1	6621.5	7539.7	8685.0	9797.8
37.5°	10117.8	10321.8	9788.6	8490.2	7293.9	6575.2	6589.1	7094.5	7678.8	8842.6	10442.4
40°	10929.2	10586.1	10252.3	8824.1	7558.2	7038.9	6964.7	7581.4	8147.1	8944.6	10864.3
42.5°	11374.4	11193.6	10433.1	8856.5	7966.2	7678.8	7697.3	8133.2	8392.8	9232.1	10980.3
45°	11485.7	11295.6	10678.9	8879.7	8369.7	8434.6	8754.5	8838.0	8754.5	9422.2	11198.2
47.5°	11768.5	11355.8	10651.0	9190.4	9023.5	9273.9	9681.9	9862.8	9246.0	9352.7	11300.2
50°	11712.9	11476.4	10590.8	9320.2	9821.0	10484.1	10757.7	10683.5	9793.2	9208.9	11188.9
52.5°	11481.0	11226.0	10776.2	9672.6	10567.6	11369.8	11750.0	11564.5	10280.1	9533.5	11114.7
55°	11819.5	11624.8	11017.4	10150.2	11128.6	12148.8	12417.7	12278.6	10878.2	9834.9	11536.7
57.5°	12185.9	12144.1	11671.2	10711.3	11791.7	12951.0	12951.0	12779.4	11397.6	10270.8	12162.7
60°	12714.5	12807.2	12153.4	11082.3	12018.9	12904.6	13576.9	13377.5	11921.6	11035.9	12872.1
62.5°	12542.9	12839.7	12774.7	11879.8	12278.6	13131.8	13498.1	13646.5	12570.7	11967.9	13818.1
65°	11991.1	12306.4	12770.1	12403.8	12083.8	12580.0	12765.5	13215.3	12895.3	12844.3	14207.6
67.5°	11332.7	11675.8	11963.3	12756.2	11689.7	12018.9	11856.6	12000.4	12542.9	13804.1	14430.1
70°	9895.2	10224.4	10678.9	11972.6	10646.4	10349.6	10307.9	10238.3	11082.3	13461.0	13419.3
72.5°	8137.8	8290.8	9042.0	9732.9	7878.1	7822.5	7887.4	7808.6	8787.0	12185.9	11495.0
75°	6092.9	6245.9	6672.5	7474.7	5364.9	5045.0	5415.9	5782.3	6709.6	9459.3	8258.4
77.5°	4581.3	4776.0	5045.0	5592.1	3936.8	3436.0	3487.0	3834.7	4850.2	7576.7	4627.7
80°	2972.3	2949.1	3468.4	3848.7	2963.0	3055.7	2925.9	3180.9	3514.8	4052.7	2364.8
82.5°	1715.7	1738.8	1956.8	2207.2	2063.4	2360.2	1701.8	2842.4	2508.6	1650.7	881.0
85°	964.5	1006.2	1205.6	1530.2	1293.7	867.1	709.5	1409.6	1576.6	677.0	426.6
87.5°	97.4	83.5	162.3	579.6	352.4	143.7	213.3	338.5	380.2	255.0	125.2
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8
2.5°	6783.8	6783.8	6667.9	6473.2	6394.3	6255.2	6065.1	6125.4	6060.5	5824.0	5763.7
5°	6505.6	6283.0	6041.9	5745.2	5573.6	5221.2	5109.9	4910.5	4943.0	4743.6	4752.9
7.5°	5926.0	5749.8	5341.7	4952.2	4613.7	4307.7	3876.5	3714.2	3556.5	3477.7	3570.4
10°	5587.5	5258.3	4701.8	4191.8	3742.0	3468.4	3180.9	2958.4	2754.3	2601.3	2568.9
12.5°	5341.7	5049.6	4377.3	3755.9	3403.5	3180.9	2916.6	2610.6	2411.2	2146.9	2068.1
15°	5267.6	4910.5	4201.1	3584.3	3241.2	2874.9	2573.5	2272.1	2012.4	1734.2	1636.8
17.5°	5522.6	5109.9	4196.4	3445.2	2963.0	2568.9	2151.5	1813.0	1548.7	1293.7	1233.4
20°	5953.8	5323.2	4330.9	3361.8	2698.7	2170.1	1697.1	1358.6	1061.9	894.9	853.2
22.5°	6445.3	5684.9	4344.8	3139.2	2434.4	1771.3	1238.1	894.9	728.0	649.2	626.0
25°	7048.1	6264.5	4511.7	2958.4	2123.7	1344.7	881.0	686.3	588.9	542.5	533.2
27.5°	7544.3	6667.9	4692.6	2768.2	1817.7	996.9	690.9	561.1	510.1	463.7	459.1
30°	8059.0	7131.6	4743.6	2652.3	1553.4	820.7	593.5	496.2	440.5	417.3	412.7
32.5°	8508.8	7637.0	4905.9	2462.2	1303.0	723.4	537.9	445.1	408.1	371.0	366.3
35°	9088.4	7929.2	4984.7	2360.2	1210.2	653.8	491.5	408.1	352.4	329.2	319.9
37.5°	9709.7	8212.0	5035.7	2281.4	1131.4	612.1	463.7	384.9	333.9	301.4	292.1
40°	10289.4	8610.8	4961.5	2184.0	1071.1	561.1	445.1	357.0	310.7	278.2	264.3
42.5°	10734.5	9000.3	4938.3	2091.3	1006.2	542.5	422.0	343.1	292.1	255.0	250.4
45°	10984.9	9264.6	4776.0	2017.1	955.2	551.8	412.7	324.6	278.2	245.8	227.2
47.5°	10924.6	9468.6	4817.8	1993.9	885.7	514.7	408.1	310.7	255.0	227.2	213.3
50°	11258.5	9881.3	4748.2	1919.7	834.6	463.7	445.1	310.7	250.4	217.9	204.0
52.5°	11314.1	10256.9	4896.6	1785.2	755.8	426.6	440.5	306.0	241.1	208.7	190.1
55°	11777.8	10692.8	5184.1	1711.0	690.9	371.0	403.4	296.8	217.9	190.1	180.8
57.5°	12408.4	11597.0	5369.6	1641.5	602.8	324.6	338.5	292.1	199.4	176.2	162.3
60°	13015.9	11958.6	5383.5	1516.3	519.3	292.1	264.3	292.1	185.5	157.7	143.7
62.5°	13470.3	11958.6	5290.7	1409.6	454.4	259.7	231.8	278.2	166.9	139.1	129.8
65°	13224.5	11638.7	5049.6	1321.5	412.7	227.2	199.4	213.3	148.4	120.6	111.3
67.5°	12784.0	10641.8	4516.4	1214.9	408.1	199.4	171.6	157.7	129.8	106.6	97.4
70°	12079.2	9297.0	3760.6	1094.3	398.8	180.8	153.0	134.5	115.9	92.7	83.5
72.5°	9732.9	7678.8	3088.2	1024.8	389.5	157.7	129.8	115.9	97.4	78.8	69.6
75°	6742.1	4905.9	2378.7	876.4	380.2	143.7	120.6	102.0	83.5	64.9	60.3
77.5°	4043.4	3278.3	1534.8	658.4	250.4	115.9	102.0	78.8	69.6	55.6	51.0
80°	1891.9	1548.7	621.3	255.0	120.6	83.5	69.6	60.3	55.6	46.4	41.7
82.5°	741.9	653.8	301.4	148.4	97.4	64.9	55.6	51.0	46.4	37.1	32.5
85°	398.8	352.4	143.7	102.0	69.6	46.4	46.4	41.7	37.1	32.5	27.8
87.5°	88.1	64.9	60.3	60.3	51.0	37.1	37.1	32.5	27.8	23.2	18.5
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°	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8
2.5°	5731.2	5800.8	5689.5	5759.1	5661.7	5735.9	5745.2	5675.6	5694.2	5786.9	5828.6
5°	4882.7	4836.3	4734.3	4701.8	4706.5	4646.2	4669.4	4701.8	4752.9	4780.7	4864.1
7.5°	3519.4	3626.1	3621.4	3700.3	3704.9	3695.6	3630.7	3491.6	3538.0	3500.9	3547.3
10°	2517.9	2564.2	2652.3	2703.3	2796.1	2745.1	2596.7	2541.0	2513.2	2508.6	2554.9
12.5°	2012.4	1901.1	1891.9	1910.4	1956.8	1896.5	1822.3	1757.4	1789.9	1854.8	1905.8
15°	1558.0	1465.3	1344.7	1326.2	1335.4	1307.6	1228.8	1145.3	1168.5	1233.4	1270.5
17.5°	1196.3	1089.7	1006.2	950.6	932.0	834.6	718.7	649.2	630.6	626.0	658.4
20°	806.8	788.3	774.4	704.8	704.8	565.7	468.3	417.3	417.3	426.6	431.2
22.5°	602.8	579.6	584.3	570.3	533.2	422.0	371.0	357.0	357.0	366.3	366.3
25°	524.0	491.5	482.2	477.6	440.5	361.7	324.6	310.7	310.7	319.9	319.9
27.5°	445.1	435.9	422.0	403.4	371.0	310.7	287.5	273.6	278.2	282.9	278.2
30°	408.1	384.9	366.3	366.3	329.2	278.2	259.7	250.4	241.1	250.4	255.0
32.5°	361.7	347.8	338.5	324.6	282.9	245.8	227.2	217.9	213.3	213.3	217.9
35°	310.7	310.7	301.4	282.9	245.8	222.6	199.4	190.1	185.5	190.1	190.1
37.5°	278.2	264.3	268.9	250.4	217.9	194.8	171.6	162.3	162.3	157.7	162.3
40°	259.7	236.5	222.6	213.3	194.8	166.9	148.4	139.1	134.5	134.5	134.5
42.5°	231.8	213.3	185.5	180.8	176.2	143.7	120.6	115.9	111.3	106.6	106.6
45°	217.9	190.1	166.9	143.7	143.7	120.6	102.0	92.7	88.1	83.5	88.1
47.5°	199.4	171.6	143.7	120.6	115.9	97.4	78.8	69.6	64.9	64.9	64.9
50°	190.1	153.0	125.2	102.0	88.1	78.8	60.3	51.0	46.4	46.4	46.4
52.5°	176.2	143.7	111.3	88.1	69.6	60.3	46.4	37.1	32.5	32.5	32.5
55°	157.7	129.8	97.4	74.2	60.3	46.4	32.5	23.2	18.5	18.5	18.5
57.5°	148.4	115.9	83.5	64.9	46.4	32.5	18.5	13.9	13.9	9.3	13.9
60°	134.5	102.0	69.6	51.0	37.1	23.2	13.9	4.6	4.6	4.6	4.6
62.5°	115.9	88.1	60.3	41.7	27.8	13.9	4.6	0.0	0.0	0.0	0.0
65°	97.4	69.6	46.4	32.5	18.5	4.6	0.0	0.0	0.0	0.0	0.0
67.5°	83.5	60.3	37.1	23.2	13.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	74.2	51.0	27.8	18.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	60.3	41.7	23.2	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	51.0	32.5	13.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	41.7	23.2	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	32.5	18.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	27.8	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	18.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.9	4.6	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: P599552
 CATALOG NUMBER: IFLD-S-SA3D-760-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8	6528.8
2.5°	5888.9	5861.1	6000.2	6227.4	6343.3	6570.5	6626.2	6769.9	6732.8	6783.8
5°	4873.4	4929.1	5133.1	5466.9	5587.5	5916.7	6227.4	6538.1	6737.5	6834.8
7.5°	3616.8	3802.3	4052.7	4358.7	4669.4	5100.6	5629.2	5990.9	6185.7	6394.3
10°	2694.1	2893.4	3180.9	3482.3	3987.8	4470.0	4998.6	5448.4	5615.3	5810.1
12.5°	2119.1	2429.8	2763.6	3088.2	3389.6	3848.7	4502.5	5156.3	5337.1	5485.5
15°	1474.5	1854.8	2332.4	2754.3	3176.3	3575.1	4252.1	5045.0	5290.7	5541.1
17.5°	816.1	1117.5	1664.7	2258.2	2879.5	3491.6	4335.5	5249.0	5620.0	5796.2
20°	473.0	593.5	983.0	1687.8	2508.6	3310.8	4377.3	5633.9	6125.4	6213.5
22.5°	389.5	431.2	556.4	1057.2	2054.2	3194.8	4590.6	6171.8	6672.5	6881.2
25°	333.9	366.3	431.2	635.3	1553.4	2949.1	4725.0	6844.1	7307.8	7535.0
27.5°	296.8	329.2	380.2	468.3	1057.2	2610.6	4947.6	7451.5	7915.2	8225.9
30°	259.7	287.5	338.5	398.8	732.6	2230.4	5137.7	7896.7	8550.5	8647.9
32.5°	231.8	255.0	292.1	343.1	542.5	1692.5	5290.7	8355.8	8907.5	9120.8
35°	199.4	227.2	250.4	292.1	412.7	1275.2	5198.0	8712.8	9431.5	9686.6
37.5°	176.2	194.8	217.9	245.8	347.8	996.9	5007.9	9139.4	9881.3	10117.8
40°	148.4	162.3	190.1	217.9	315.3	769.7	4790.0	9654.1	10511.9	10929.2
42.5°	125.2	139.1	157.7	204.0	259.7	570.3	4349.4	10052.9	11022.0	11374.4
45°	97.4	115.9	143.7	204.0	208.7	422.0	3895.0	10349.6	11309.5	11485.7
47.5°	74.2	92.7	139.1	176.2	166.9	292.1	3357.1	10688.1	11606.2	11768.5
50°	55.6	74.2	157.7	153.0	139.1	222.6	3018.6	10924.6	11624.8	11712.9
52.5°	37.1	55.6	129.8	115.9	115.9	194.8	2925.9	10915.3	11671.2	11481.0
55°	27.8	41.7	74.2	83.5	102.0	171.6	2842.4	11263.1	11685.1	11819.5
57.5°	18.5	32.5	51.0	64.9	88.1	148.4	2670.9	11680.4	12116.3	12185.9
60°	9.3	23.2	37.1	51.0	74.2	129.8	2429.8	11986.5	12640.3	12714.5
62.5°	4.6	13.9	27.8	41.7	60.3	102.0	2179.4	11499.6	12413.1	12542.9
65°	0.0	9.3	18.5	27.8	37.1	74.2	1771.3	10382.1	11513.5	11991.1
67.5°	0.0	0.0	9.3	18.5	23.2	55.6	1335.4	9445.4	10683.5	11332.7
70°	0.0	0.0	4.6	4.6	13.9	41.7	853.2	7822.5	9538.2	9895.2
72.5°	0.0	0.0	0.0	0.0	4.6	27.8	496.2	5810.1	7474.7	8137.8
75°	0.0	0.0	0.0	0.0	0.0	23.2	250.4	3737.4	5202.6	6092.9
77.5°	0.0	0.0	0.0	0.0	0.0	18.5	134.5	2411.2	3834.7	4581.3
80°	0.0	0.0	0.0	0.0	0.0	4.6	78.8	1400.4	2452.9	2972.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	32.5	686.3	1465.3	1715.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	9.3	366.3	732.6	964.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	51.0	97.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)