

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: P599536

Luminaire Tested: **IFLD-L-SA7B-750-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: P599536
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-750-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 5000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

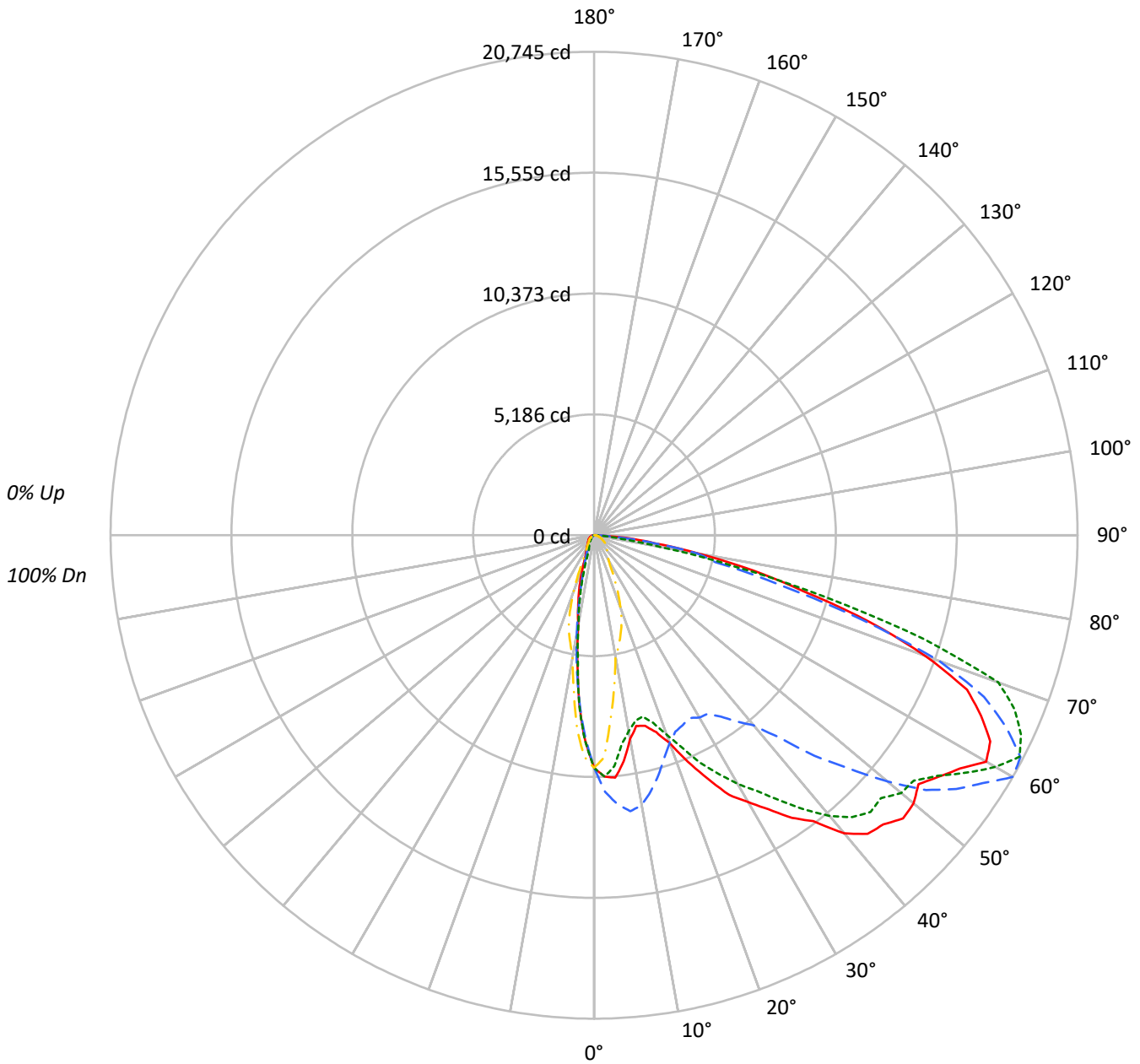
Lumens per Lamp: N/A
 Luminaire Lumens: 26531.7 lumens
 Efficiency: N/A
 Efficacy: 94.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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	
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				
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79				
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61				
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48				
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39				
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32				
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27				
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23				
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20				
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18				
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	53689	53689	53689	53689
5°	56420	53703	39234	39464
10°	48515	46657	21451	20947
15°	47174	44845	13935	10501
20°	54375	52103	7466	3733
25°	68369	63951	4839	2903
30°	82117	76525	3919	2378
35°	97242	91238	3212	1909
40°	117324	110455	2837	1444
45°	133574	127750	2643	970
50°	149847	144033	2610	594
55°	169457	168859	2593	266
60°	209112	214070	2364	76
65°	233326	257326	2165	0
70°	237916	290428	2006	0
75°	193589	214214	1915	0
80°	140757	89593	1977	0
85°	91003	37625	2624	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	757.8	2.9
10°-20°	1486.1	5.6
20°-30°	2056.5	7.8
30°-40°	2906.4	11.0
40°-50°	3957.1	14.9
50°-60°	5241.0	19.8
60°-70°	6085.2	22.9
70°-80°	3446.1	13.0
80°-90°	595.4	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°	4300.5	16.2
0°-40°	7206.9	27.2
0°-60°	16405.0	61.8
0°-90°	26531.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26531.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9976	9976	9976	9976	9976	
5°	10443	9940	7262	7305	10443	938
15°	8467	8049	2501	1885	8467	2483
25°	11513	10769	815	489	11513	5370
35°	14801	13887	489	290	14801	9330
45°	17550	16784	347	128	17550	13606
55°	18060	17996	276	28	18060	16362
65°	18322	20206	170	0	18322	17861
75°	9310	10302	92	0	9310	10161
85°	1474	609	42	0	1474	1771
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°	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7
2.5°	10365.4	10585.0	10592.1	10691.3	10790.5	10790.5	11024.3	10967.6	10762.2	10726.7	10577.9
5°	10443.3	10521.3	10577.9	11081.0	11506.1	11463.6	11591.1	11506.1	11109.3	10599.2	10252.0
7.5°	9770.3	9855.3	10082.0	10939.3	11513.2	11704.5	11945.4	11414.0	10996.0	10074.9	9408.9
10°	8877.5	9040.5	9458.5	10436.2	11144.7	11754.1	11754.1	11329.0	10521.3	9621.5	8806.7
12.5°	8381.6	8707.5	8934.2	9926.1	10847.2	11265.2	11251.0	11024.3	10500.0	9366.4	8445.4
15°	8466.6	8558.7	9040.5	9812.8	10422.1	10400.8	10655.9	10585.0	10216.6	9593.1	8580.0
17.5°	8856.3	8998.0	9416.0	9812.8	10103.2	10018.2	10011.1	10351.2	10372.5	9975.7	9083.0
20°	9493.9	9912.0	10110.3	10230.8	9876.5	9515.2	9472.7	9947.4	10315.8	10464.6	9685.2
22.5°	10514.2	10790.5	11194.3	10577.9	9656.9	9203.4	9118.4	9642.7	10386.6	11045.6	10464.6
25°	11513.2	11725.7	12115.4	11321.9	9904.9	9139.7	8990.9	9444.3	10655.9	11853.2	11406.9
27.5°	12568.8	12753.0	12795.6	11867.4	10039.5	9012.2	8835.0	9444.3	10882.6	12278.4	12533.4
30°	13213.6	13433.2	13475.7	12349.2	10259.1	9118.4	9033.4	9486.9	11038.5	12639.7	13341.1
32.5°	13936.2	13992.9	13957.5	12434.2	10500.0	9430.2	9075.9	9770.3	11215.6	13071.9	14077.9
35°	14800.6	14899.8	14538.5	12823.9	11038.5	9628.6	9501.0	10117.4	11520.3	13270.3	14970.7
37.5°	15459.5	15771.3	14956.5	12972.7	11144.7	10046.6	10067.8	10840.1	11732.8	13511.1	15955.5
40°	16699.4	16175.1	15665.0	13482.8	11548.6	10755.1	10641.7	11584.0	12448.4	13667.0	16600.2
42.5°	17379.6	17103.3	15941.3	13532.4	12172.1	11732.8	11761.1	12427.1	12823.9	14106.3	16777.3
45°	17549.6	17259.1	16316.8	13567.8	12788.5	12887.7	13376.5	13504.1	13376.5	14396.8	17110.3
47.5°	17981.8	17351.2	16274.3	14042.5	13787.5	14170.1	14793.5	15069.9	14127.5	14290.5	17266.2
50°	17896.8	17535.4	16182.2	14240.9	15006.1	16019.2	16437.3	16323.9	14963.6	14070.9	17096.2
52.5°	17542.5	17152.9	16465.6	14779.4	16146.8	17372.5	17953.5	17670.1	15707.5	14566.8	16982.8
55°	18059.7	17762.2	16834.0	15509.1	17004.1	18562.8	18973.7	18761.2	16621.5	15027.3	17627.5
57.5°	18619.5	18555.7	17833.0	16366.4	18017.2	19788.5	19788.5	19526.3	17415.0	15693.3	18584.0
60°	19427.1	19568.8	18569.9	16933.2	18364.4	19717.6	20745.0	20440.3	18215.6	16862.4	19668.0
62.5°	19165.0	19618.4	19519.2	18151.8	18761.2	20064.8	20624.5	20851.2	19207.5	18286.5	21113.4
65°	18321.9	18803.7	19512.2	18952.4	18463.6	19221.7	19505.1	20192.3	19703.5	19625.5	21708.5
67.5°	17315.8	17840.1	18279.4	19490.9	17861.4	18364.4	18116.4	18336.0	19165.0	21092.1	22048.6
70°	15119.4	15622.5	16316.8	18293.5	16267.2	15813.8	15750.0	15643.7	16933.2	20567.8	20504.1
72.5°	12434.2	12668.0	13815.8	14871.5	12037.5	11952.4	12051.6	11931.2	13426.1	18619.5	17563.8
75°	9309.7	9543.5	10195.4	11421.1	8197.4	7708.5	8275.3	8835.0	10252.0	14453.5	12618.4
77.5°	7000.0	7297.6	7708.5	8544.5	6015.2	5250.0	5327.9	5859.3	7410.9	11576.9	7070.9
80°	4541.5	4506.1	5299.6	5880.6	4527.3	4669.0	4470.7	4860.3	5370.5	6192.3	3613.4
82.5°	2621.5	2656.9	2989.9	3372.5	3152.8	3606.3	2600.2	4343.1	3833.0	2522.3	1346.2
85°	1473.7	1537.5	1842.1	2338.1	1976.7	1324.9	1084.0	2153.8	2408.9	1034.4	651.8
87.5°	148.8	127.5	248.0	885.6	538.5	219.6	325.9	517.2	581.0	389.7	191.3
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°	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7
2.5°	10365.4	10365.4	10188.3	9890.7	9770.3	9557.7	9267.2	9359.3	9260.1	8898.8	8806.7
5°	9940.3	9600.2	9231.8	8778.3	8516.2	7977.7	7807.7	7503.0	7552.6	7248.0	7262.2
7.5°	9054.7	8785.4	8162.0	7566.8	7049.6	6582.0	5923.1	5675.1	5434.2	5313.8	5455.5
10°	8537.5	8034.4	7184.2	6404.9	5717.6	5299.6	4860.3	4520.2	4208.5	3974.7	3925.1
12.5°	8162.0	7715.6	6688.3	5738.9	5200.4	4860.3	4456.5	3988.9	3684.2	3280.4	3159.9
15°	8048.6	7503.0	6419.0	5476.7	4952.4	4392.7	3932.2	3471.7	3074.9	2649.8	2501.0
17.5°	8438.3	7807.7	6411.9	5264.2	4527.3	3925.1	3287.5	2770.2	2366.4	1976.7	1884.6
20°	9097.2	8133.6	6617.4	5136.6	4123.5	3315.8	2593.1	2075.9	1622.5	1367.4	1303.6
22.5°	9848.2	8686.2	6638.7	4796.6	3719.6	2706.5	1891.7	1367.4	1112.3	991.9	956.5
25°	10769.2	9571.9	6893.7	4520.2	3244.9	2054.7	1346.2	1048.6	899.8	828.9	814.8
27.5°	11527.3	10188.3	7170.0	4229.8	2777.3	1523.3	1055.7	857.3	779.4	708.5	701.4
30°	12313.8	10896.8	7248.0	4052.6	2373.5	1254.0	906.9	758.1	673.1	637.7	630.6
32.5°	13001.0	11669.0	7496.0	3762.1	1990.9	1105.3	821.9	680.2	623.5	566.8	559.7
35°	13886.7	12115.4	7616.4	3606.3	1849.2	999.0	751.0	623.5	538.5	503.0	488.9
37.5°	14836.0	12547.6	7694.3	3485.8	1728.7	935.2	708.5	588.1	510.1	460.5	446.4
40°	15721.7	13156.9	7581.0	3337.0	1636.6	857.3	680.2	545.5	474.7	425.1	403.8
42.5°	16401.8	13752.0	7545.6	3195.3	1537.5	828.9	644.7	524.3	446.4	389.7	382.6
45°	16784.4	14155.9	7297.6	3082.0	1459.5	843.1	630.6	496.0	425.1	375.5	347.2
47.5°	16692.3	14467.6	7361.3	3046.6	1353.2	786.4	623.5	474.7	389.7	347.2	325.9
50°	17202.4	15098.2	7255.1	2933.2	1275.3	708.5	680.2	474.7	382.6	333.0	311.7
52.5°	17287.5	15672.1	7481.8	2727.7	1154.9	651.8	673.1	467.6	368.4	318.8	290.5
55°	17996.0	16338.1	7921.1	2614.4	1055.7	566.8	616.4	453.4	333.0	290.5	276.3
57.5°	18959.5	17719.7	8204.5	2508.1	921.1	496.0	517.2	446.4	304.7	269.2	248.0
60°	19887.7	18272.3	8225.7	2316.8	793.5	446.4	403.8	446.4	283.4	240.9	219.6
62.5°	20582.0	18272.3	8084.0	2153.8	694.3	396.8	354.3	425.1	255.1	212.6	198.4
65°	20206.5	17783.4	7715.6	2019.2	630.6	347.2	304.7	325.9	226.7	184.2	170.0
67.5°	19533.4	16260.1	6900.8	1856.3	623.5	304.7	262.1	240.9	198.4	163.0	148.8
70°	18456.5	14205.5	5746.0	1672.1	609.3	276.3	233.8	205.5	177.1	141.7	127.5
72.5°	14871.5	11732.8	4718.6	1565.8	595.1	240.9	198.4	177.1	148.8	120.4	106.3
75°	10301.6	7496.0	3634.6	1339.1	581.0	219.6	184.2	155.9	127.5	99.2	92.1
77.5°	6178.1	5009.1	2345.1	1006.1	382.6	177.1	155.9	120.4	106.3	85.0	77.9
80°	2890.7	2366.4	949.4	389.7	184.2	127.5	106.3	92.1	85.0	70.9	63.8
82.5°	1133.6	999.0	460.5	226.7	148.8	99.2	85.0	77.9	70.9	56.7	49.6
85°	609.3	538.5	219.6	155.9	106.3	70.9	70.9	63.8	56.7	49.6	42.5
87.5°	134.6	99.2	92.1	92.1	77.9	56.7	56.7	49.6	42.5	35.4	28.3
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°	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7
2.5°	8757.1	8863.4	8693.3	8799.6	8650.8	8764.2	8778.3	8672.1	8700.4	8842.1	8905.9
5°	7460.5	7389.7	7233.8	7184.2	7191.3	7099.2	7134.6	7184.2	7262.2	7304.7	7432.2
7.5°	5377.5	5540.5	5533.4	5653.9	5660.9	5646.8	5547.6	5335.0	5405.9	5349.2	5420.0
10°	3847.2	3918.0	4052.6	4130.6	4272.3	4194.3	3967.6	3882.6	3840.1	3833.0	3903.8
12.5°	3074.9	2904.9	2890.7	2919.0	2989.9	2897.8	2784.4	2685.2	2734.8	2834.0	2911.9
15°	2380.6	2238.9	2054.7	2026.3	2040.5	1998.0	1877.5	1750.0	1785.4	1884.6	1941.3
17.5°	1827.9	1665.0	1537.5	1452.4	1424.1	1275.3	1098.2	991.9	963.6	956.5	1006.1
20°	1232.8	1204.5	1183.2	1076.9	1076.9	864.4	715.6	637.7	637.7	651.8	658.9
22.5°	921.1	885.6	892.7	871.5	814.8	644.7	566.8	545.5	545.5	559.7	559.7
25°	800.6	751.0	736.8	729.8	673.1	552.6	496.0	474.7	474.7	488.9	488.9
27.5°	680.2	666.0	644.7	616.4	566.8	474.7	439.3	418.0	425.1	432.2	425.1
30°	623.5	588.1	559.7	559.7	503.0	425.1	396.8	382.6	368.4	382.6	389.7
32.5°	552.6	531.4	517.2	496.0	432.2	375.5	347.2	333.0	325.9	325.9	333.0
35°	474.7	474.7	460.5	432.2	375.5	340.1	304.7	290.5	283.4	290.5	290.5
37.5°	425.1	403.8	410.9	382.6	333.0	297.6	262.1	248.0	248.0	240.9	248.0
40°	396.8	361.3	340.1	325.9	297.6	255.1	226.7	212.6	205.5	205.5	205.5
42.5°	354.3	325.9	283.4	276.3	269.2	219.6	184.2	177.1	170.0	163.0	163.0
45°	333.0	290.5	255.1	219.6	219.6	184.2	155.9	141.7	134.6	127.5	134.6
47.5°	304.7	262.1	219.6	184.2	177.1	148.8	120.4	106.3	99.2	99.2	99.2
50°	290.5	233.8	191.3	155.9	134.6	120.4	92.1	77.9	70.9	70.9	70.9
52.5°	269.2	219.6	170.0	134.6	106.3	92.1	70.9	56.7	49.6	49.6	49.6
55°	240.9	198.4	148.8	113.4	92.1	70.9	49.6	35.4	28.3	28.3	28.3
57.5°	226.7	177.1	127.5	99.2	70.9	49.6	28.3	21.3	21.3	14.2	21.3
60°	205.5	155.9	106.3	77.9	56.7	35.4	21.3	7.1	7.1	7.1	7.1
62.5°	177.1	134.6	92.1	63.8	42.5	21.3	7.1	0.0	0.0	0.0	0.0
65°	148.8	106.3	70.9	49.6	28.3	7.1	0.0	0.0	0.0	0.0	0.0
67.5°	127.5	92.1	56.7	35.4	21.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	113.4	77.9	42.5	28.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	92.1	63.8	35.4	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	77.9	49.6	21.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	63.8	35.4	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	49.6	28.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	42.5	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	28.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.3	7.1	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: P599536
 CATALOG NUMBER: IFLD-L-SA7B-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7	9975.7
2.5°	8998.0	8955.5	9168.0	9515.2	9692.3	10039.5	10124.5	10344.1	10287.5	10365.4
5°	7446.4	7531.4	7843.1	8353.2	8537.5	9040.5	9515.2	9989.9	10294.5	10443.3
7.5°	5526.3	5809.7	6192.3	6659.9	7134.6	7793.5	8601.2	9153.9	9451.4	9770.3
10°	4116.4	4421.1	4860.3	5320.9	6093.1	6830.0	7637.7	8324.9	8580.0	8877.5
12.5°	3237.9	3712.6	4222.7	4718.6	5179.2	5880.6	6879.6	7878.5	8154.9	8381.6
15°	2253.0	2834.0	3563.8	4208.5	4853.2	5462.6	6497.0	7708.5	8084.0	8466.6
17.5°	1247.0	1707.5	2543.5	3450.4	4399.8	5335.0	6624.5	8020.3	8587.1	8856.3
20°	722.7	906.9	1502.0	2578.9	3833.0	5058.7	6688.3	8608.3	9359.3	9493.9
22.5°	595.1	658.9	850.2	1615.4	3138.7	4881.6	7014.2	9430.2	10195.4	10514.2
25°	510.1	559.7	658.9	970.6	2373.5	4506.1	7219.6	10457.5	11166.0	11513.2
27.5°	453.4	503.0	581.0	715.6	1615.4	3988.9	7559.7	11385.6	12094.1	12568.8
30°	396.8	439.3	517.2	609.3	1119.4	3407.9	7850.2	12065.8	13064.8	13213.6
32.5°	354.3	389.7	446.4	524.3	828.9	2586.0	8084.0	12767.2	13610.3	13936.2
35°	304.7	347.2	382.6	446.4	630.6	1948.4	7942.3	13312.8	14410.9	14800.6
37.5°	269.2	297.6	333.0	375.5	531.4	1523.3	7651.8	13964.6	15098.2	15459.5
40°	226.7	248.0	290.5	333.0	481.8	1176.1	7318.8	14751.0	16061.8	16699.4
42.5°	191.3	212.6	240.9	311.7	396.8	871.5	6645.8	15360.3	16841.1	17379.6
45°	148.8	177.1	219.6	311.7	318.8	644.7	5951.4	15813.8	17280.4	17549.6
47.5°	113.4	141.7	212.6	269.2	255.1	446.4	5129.6	16331.0	17733.8	17981.8
50°	85.0	113.4	240.9	233.8	212.6	340.1	4612.4	16692.3	17762.2	17896.8
52.5°	56.7	85.0	198.4	177.1	177.1	297.6	4470.7	16678.2	17833.0	17542.5
55°	42.5	63.8	113.4	127.5	155.9	262.1	4343.1	17209.5	17854.3	18059.7
57.5°	28.3	49.6	77.9	99.2	134.6	226.7	4081.0	17847.2	18513.2	18619.5
60°	14.2	35.4	56.7	77.9	113.4	198.4	3712.6	18314.8	19313.8	19427.1
62.5°	7.1	21.3	42.5	63.8	92.1	155.9	3330.0	17570.9	18966.6	19165.0
65°	0.0	14.2	28.3	42.5	56.7	113.4	2706.5	15863.4	17592.1	18321.9
67.5°	0.0	0.0	14.2	28.3	35.4	85.0	2040.5	14432.2	16323.9	17315.8
70°	0.0	0.0	7.1	7.1	21.3	63.8	1303.6	11952.4	14573.9	15119.4
72.5°	0.0	0.0	0.0	0.0	7.1	42.5	758.1	8877.5	11421.1	12434.2
75°	0.0	0.0	0.0	0.0	0.0	35.4	382.6	5710.5	7949.4	9309.7
77.5°	0.0	0.0	0.0	0.0	0.0	28.3	205.5	3684.2	5859.3	7000.0
80°	0.0	0.0	0.0	0.0	0.0	7.1	120.4	2139.7	3748.0	4541.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	49.6	1048.6	2238.9	2621.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	14.2	559.7	1119.4	1473.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.3	77.9	148.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)