

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: P599628

Luminaire Tested: **IFLD-L-SA8B-830-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: P599628
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-830-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 3000K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

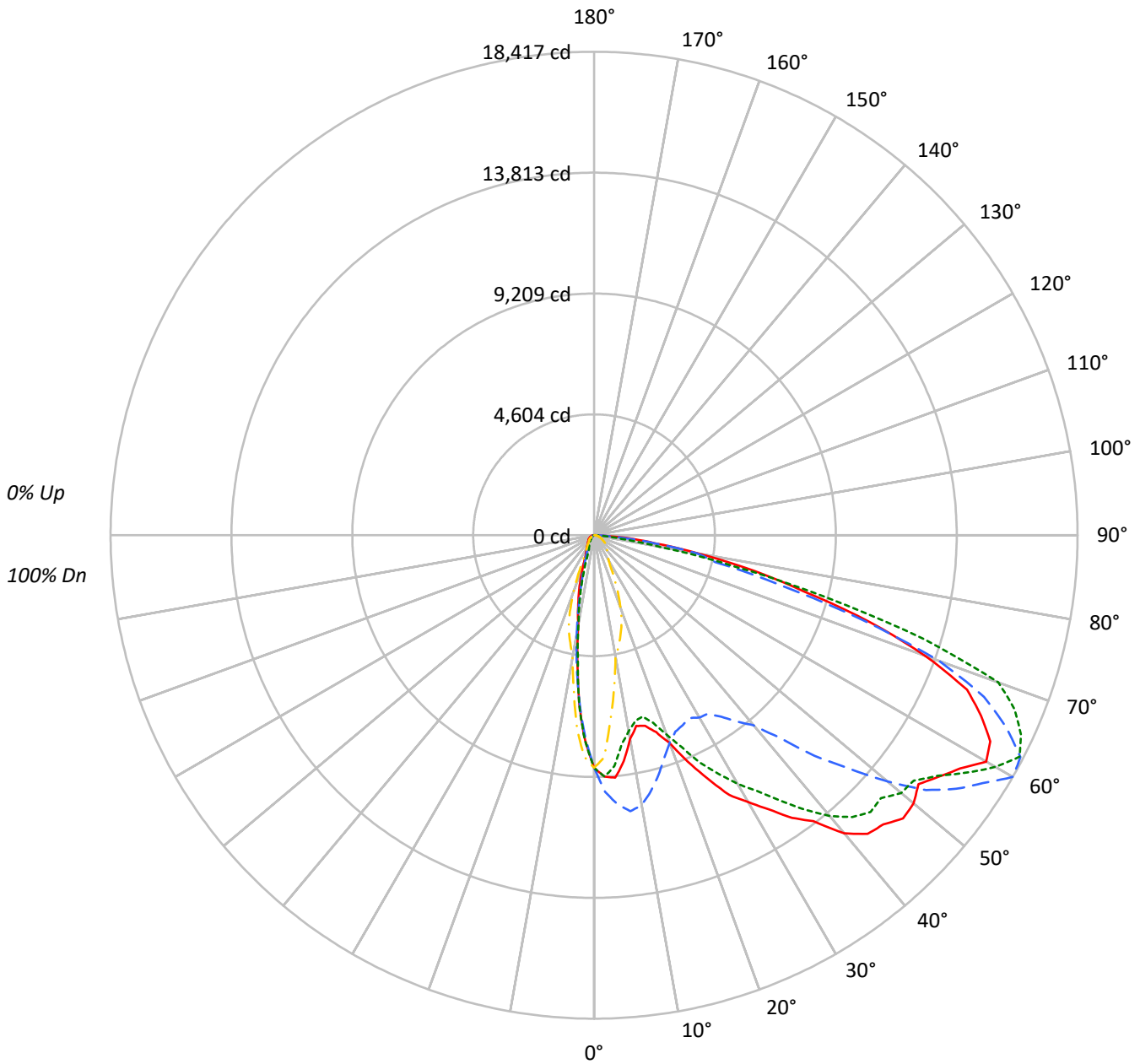
Lumens per Lamp: N/A
 Luminaire Lumens: 23553.9 lumens
 Efficiency: N/A
 Efficacy: 73.6 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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	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°	47663	47663	47663	47663
5°	50088	47676	34831	35034
10°	43071	41421	19043	18596
15°	41880	39812	12371	9322
20°	48272	46255	6628	3314
25°	60696	56774	4295	2577
30°	72900	67936	3479	2111
35°	86329	80998	2851	1694
40°	104157	98058	2519	1281
45°	118582	113412	2346	862
50°	133029	127867	2318	527
55°	150438	149907	2302	236
60°	185643	190043	2099	68
65°	207138	228444	1923	0
70°	211214	257831	1781	0
75°	171863	190172	1701	0
80°	124959	79539	1754	0
85°	80789	33401	2328	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	672.8	2.9
10°-20°	1319.3	5.6
20°-30°	1825.7	7.8
30°-40°	2580.2	11.0
40°-50°	3513.0	14.9
50°-60°	4652.8	19.8
60°-70°	5402.2	22.9
70°-80°	3059.3	13.0
80°-90°	528.6	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°	3817.8	16.2
0°-40°	6398.0	27.2
0°-60°	14563.8	61.8
0°-90°	23553.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23553.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8856	8856	8856	8856	8856	
5°	9271	8825	6447	6485	9271	833
15°	7516	7145	2220	1673	7516	2205
25°	10221	9561	723	434	10221	4767
35°	13140	12328	434	258	13140	8283
45°	15580	14901	308	113	15580	12079
55°	16033	15976	245	25	16033	14526
65°	16266	17939	151	0	16266	15856
75°	8265	9145	82	0	8265	9020
85°	1308	541	38	0	1308	1572
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°	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1
2.5°	9202.0	9397.0	9403.3	9491.4	9579.4	9579.4	9787.0	9736.7	9554.3	9522.8	9390.7
5°	9271.2	9340.4	9390.7	9837.3	10214.7	10177.0	10290.2	10214.7	9862.5	9409.6	9101.4
7.5°	8673.7	8749.2	8950.4	9711.5	10221.0	10390.8	10604.7	10132.9	9761.8	8944.2	8352.9
10°	7881.2	8025.8	8396.9	9264.9	9893.9	10434.9	10434.9	10057.5	9340.4	8541.6	7818.3
12.5°	7440.9	7730.2	7931.5	8812.1	9629.8	10000.9	9988.3	9787.0	9321.5	8315.2	7497.5
15°	7516.4	7598.1	8025.8	8711.4	9252.4	9233.5	9459.9	9397.0	9070.0	8516.4	7617.0
17.5°	7862.3	7988.1	8359.2	8711.4	8969.3	8893.8	8887.6	9189.5	9208.3	8856.1	8063.6
20°	8428.4	8799.5	8975.6	9082.5	8768.0	8447.3	8409.5	8830.9	9158.0	9290.1	8598.2
22.5°	9334.1	9579.4	9938.0	9390.7	8573.1	8170.5	8095.0	8560.5	9220.9	9805.9	9290.1
25°	10221.0	10409.7	10755.6	10051.2	8793.2	8113.9	7981.8	8384.4	9459.9	10522.9	10126.6
27.5°	11158.2	11321.7	11359.5	10535.5	8912.7	8000.7	7843.4	8384.4	9661.2	10900.3	11126.7
30°	11730.6	11925.5	11963.3	10963.2	9107.7	8095.0	8019.6	8422.1	9799.6	11221.1	11843.8
32.5°	12372.1	12422.4	12391.0	11038.7	9321.5	8371.8	8057.3	8673.7	9956.8	11604.8	12497.9
35°	13139.5	13227.5	12906.8	11384.6	9799.6	8547.9	8434.7	8981.9	10227.3	11780.9	13290.4
37.5°	13724.4	14001.2	13277.9	11516.7	9893.9	8919.0	8937.9	9623.5	10416.0	11994.7	14164.7
40°	14825.2	14359.7	13906.8	11969.6	10252.4	9548.0	9447.3	10283.9	11051.3	12133.1	14737.1
42.5°	15429.0	15183.7	14152.1	12013.6	10806.0	10416.0	10441.1	11032.4	11384.6	12523.1	14894.4
45°	15579.9	15322.1	14485.5	12045.1	11353.2	11441.2	11875.2	11988.4	11875.2	12781.0	15190.0
47.5°	15963.6	15403.8	14447.8	12466.5	12240.0	12579.7	13133.2	13378.5	12541.9	12686.6	15328.4
50°	15888.1	15567.4	14366.0	12642.6	13321.9	14221.3	14592.4	14491.8	13284.2	12491.6	15177.4
52.5°	15573.7	15227.7	14617.6	13120.6	14334.6	15422.7	15938.5	15686.9	13944.6	12931.9	15076.8
55°	16032.8	15768.6	14944.7	13768.5	15095.6	16479.4	16844.2	16655.5	14756.0	13340.8	15649.1
57.5°	16529.7	16473.1	15831.5	14529.5	15995.1	17567.5	17567.5	17334.8	15460.4	13932.0	16498.3
60°	17246.8	17372.6	16485.7	15032.7	16303.3	17504.6	18416.7	18146.2	16171.2	14969.8	17460.6
62.5°	17014.0	17416.6	17328.5	16114.6	16655.5	17812.8	18309.7	18511.0	17051.8	16234.1	18743.7
65°	16265.5	16693.2	17322.2	16825.3	16391.3	17064.3	17315.9	17926.1	17492.1	17422.9	19272.1
67.5°	15372.4	15837.8	16227.8	17303.4	15856.7	16303.3	16083.1	16278.1	17014.0	18724.9	19574.0
70°	13422.5	13869.1	14485.5	16240.4	14441.5	14038.9	13982.3	13888.0	15032.7	18259.4	18202.8
72.5°	11038.7	11246.2	12265.2	13202.4	10686.4	10611.0	10699.0	10592.1	11919.3	16529.7	15592.5
75°	8264.9	8472.4	9051.1	10139.2	7277.3	6843.4	7346.5	7843.4	9101.4	12831.3	11202.2
77.5°	6214.4	6478.5	6843.4	7585.6	5340.1	4660.8	4730.0	5201.7	6579.2	10277.6	6277.3
80°	4031.8	4000.3	4704.8	5220.6	4019.2	4145.0	3968.9	4314.8	4767.7	5497.3	3207.8
82.5°	2327.2	2358.7	2654.3	2994.0	2799.0	3201.5	2308.4	3855.7	3402.8	2239.2	1195.1
85°	1308.3	1364.9	1635.4	2075.6	1754.9	1176.2	962.3	1912.1	2138.5	918.3	578.7
87.5°	132.1	113.2	220.1	786.2	478.0	195.0	289.3	459.2	515.8	345.9	169.8
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°	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1
2.5°	9202.0	9202.0	9044.8	8780.6	8673.7	8485.0	8227.1	8308.9	8220.8	7900.0	7818.3
5°	8824.7	8522.7	8195.7	7793.1	7560.4	7082.4	6931.4	6660.9	6705.0	6434.5	6447.1
7.5°	8038.4	7799.4	7245.9	6717.6	6258.4	5843.3	5258.3	5038.2	4824.3	4717.4	4843.2
10°	7579.3	7132.7	6377.9	5686.0	5075.9	4704.8	4314.8	4012.9	3736.2	3528.6	3484.6
12.5°	7245.9	6849.6	5937.6	5094.8	4616.7	4314.8	3956.3	3541.2	3270.7	2912.2	2805.3
15°	7145.3	6660.9	5698.6	4862.0	4396.6	3899.7	3490.9	3082.0	2729.8	2352.4	2220.3
17.5°	7491.2	6931.4	5692.3	4673.4	4019.2	3484.6	2918.5	2459.3	2100.8	1754.9	1673.1
20°	8076.2	7220.7	5874.7	4560.1	3660.7	2943.6	2302.1	1842.9	1440.4	1213.9	1157.3
22.5°	8742.9	7711.3	5893.6	4258.2	3302.2	2402.7	1679.4	1213.9	987.5	880.6	849.1
25°	9560.6	8497.6	6120.0	4012.9	2880.7	1824.1	1195.1	930.9	798.8	735.9	723.3
27.5°	10233.6	9044.8	6365.3	3755.0	2465.6	1352.3	937.2	761.1	691.9	629.0	622.7
30°	10931.7	9673.8	6434.5	3597.8	2107.1	1113.3	805.1	673.0	597.5	566.1	559.8
32.5°	11541.9	10359.4	6654.7	3339.9	1767.4	981.2	729.6	603.8	553.5	503.2	496.9
35°	12328.1	10755.6	6761.6	3201.5	1641.6	886.9	666.7	553.5	478.0	446.6	434.0
37.5°	13170.9	11139.3	6830.8	3094.6	1534.7	830.3	629.0	522.1	452.9	408.8	396.3
40°	13957.2	11680.2	6730.1	2962.5	1453.0	761.1	603.8	484.3	421.4	377.4	358.5
42.5°	14561.0	12208.6	6698.7	2836.7	1364.9	735.9	572.4	465.4	396.3	345.9	339.7
45°	14900.6	12567.1	6478.5	2736.1	1295.7	748.5	559.8	440.3	377.4	333.4	308.2
47.5°	14818.9	12843.9	6535.1	2704.6	1201.4	698.2	553.5	421.4	345.9	308.2	289.3
50°	15271.7	13403.7	6440.8	2604.0	1132.2	629.0	603.8	421.4	339.7	295.6	276.8
52.5°	15347.2	13913.1	6642.1	2421.6	1025.2	578.7	597.5	415.1	327.1	283.0	257.9
55°	15976.2	14504.4	7032.0	2321.0	937.2	503.2	547.2	402.6	295.6	257.9	245.3
57.5°	16831.6	15730.9	7283.6	2226.6	817.7	440.3	459.2	396.3	270.5	239.0	220.1
60°	17655.6	16221.5	7302.5	2056.8	704.5	396.3	358.5	396.3	251.6	213.9	195.0
62.5°	18272.0	16221.5	7176.7	1912.1	616.4	352.2	314.5	377.4	226.4	188.7	176.1
65°	17938.6	15787.5	6849.6	1792.6	559.8	308.2	270.5	289.3	201.3	163.5	151.0
67.5°	17341.1	14435.2	6126.3	1647.9	553.5	270.5	232.7	213.9	176.1	144.7	132.1
70°	16385.0	12611.1	5101.1	1484.4	540.9	245.3	207.6	182.4	157.2	125.8	113.2
72.5°	13202.4	10416.0	4189.0	1390.1	528.3	213.9	176.1	157.2	132.1	106.9	94.3
75°	9145.4	6654.7	3226.7	1188.8	515.8	195.0	163.5	138.4	113.2	88.1	81.8
77.5°	5484.7	4446.9	2081.9	893.2	339.7	157.2	138.4	106.9	94.3	75.5	69.2
80°	2566.3	2100.8	842.8	345.9	163.5	113.2	94.3	81.8	75.5	62.9	56.6
82.5°	1006.4	886.9	408.8	201.3	132.1	88.1	75.5	69.2	62.9	50.3	44.0
85°	540.9	478.0	195.0	138.4	94.3	62.9	62.9	56.6	50.3	44.0	37.7
87.5°	119.5	88.1	81.8	81.8	69.2	50.3	50.3	44.0	37.7	31.4	25.2
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°	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1
2.5°	7774.2	7868.6	7717.6	7812.0	7679.9	7780.5	7793.1	7698.8	7723.9	7849.7	7906.3
5°	6623.2	6560.3	6421.9	6377.9	6384.2	6302.4	6333.9	6377.9	6447.1	6484.8	6598.0
7.5°	4774.0	4918.7	4912.4	5019.3	5025.6	5013.0	4924.9	4736.3	4799.2	4748.8	4811.7
10°	3415.4	3478.3	3597.8	3667.0	3792.8	3723.6	3522.3	3446.8	3409.1	3402.8	3465.7
12.5°	2729.8	2578.8	2566.3	2591.4	2654.3	2572.5	2471.9	2383.9	2427.9	2515.9	2585.1
15°	2113.4	1987.6	1824.1	1798.9	1811.5	1773.7	1666.8	1553.6	1585.0	1673.1	1723.4
17.5°	1622.8	1478.1	1364.9	1289.4	1264.3	1132.2	974.9	880.6	855.4	849.1	893.2
20°	1094.4	1069.3	1050.4	956.1	956.1	767.4	635.3	566.1	566.1	578.7	585.0
22.5°	817.7	786.2	792.5	773.7	723.3	572.4	503.2	484.3	484.3	496.9	496.9
25°	710.8	666.7	654.1	647.9	597.5	490.6	440.3	421.4	421.4	434.0	434.0
27.5°	603.8	591.2	572.4	547.2	503.2	421.4	390.0	371.1	377.4	383.7	377.4
30°	553.5	522.1	496.9	496.9	446.6	377.4	352.2	339.7	327.1	339.7	345.9
32.5°	490.6	471.7	459.2	440.3	383.7	333.4	308.2	295.6	289.3	289.3	295.6
35°	421.4	421.4	408.8	383.7	333.4	301.9	270.5	257.9	251.6	257.9	257.9
37.5°	377.4	358.5	364.8	339.7	295.6	264.2	232.7	220.1	220.1	213.9	220.1
40°	352.2	320.8	301.9	289.3	264.2	226.4	201.3	188.7	182.4	182.4	182.4
42.5°	314.5	289.3	251.6	245.3	239.0	195.0	163.5	157.2	151.0	144.7	144.7
45°	295.6	257.9	226.4	195.0	195.0	163.5	138.4	125.8	119.5	113.2	119.5
47.5°	270.5	232.7	195.0	163.5	157.2	132.1	106.9	94.3	88.1	88.1	88.1
50°	257.9	207.6	169.8	138.4	119.5	106.9	81.8	69.2	62.9	62.9	62.9
52.5°	239.0	195.0	151.0	119.5	94.3	81.8	62.9	50.3	44.0	44.0	44.0
55°	213.9	176.1	132.1	100.6	81.8	62.9	44.0	31.4	25.2	25.2	25.2
57.5°	201.3	157.2	113.2	88.1	62.9	44.0	25.2	18.9	18.9	12.6	18.9
60°	182.4	138.4	94.3	69.2	50.3	31.4	18.9	6.3	6.3	6.3	6.3
62.5°	157.2	119.5	81.8	56.6	37.7	18.9	6.3	0.0	0.0	0.0	0.0
65°	132.1	94.3	62.9	44.0	25.2	6.3	0.0	0.0	0.0	0.0	0.0
67.5°	113.2	81.8	50.3	31.4	18.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	100.6	69.2	37.7	25.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	81.8	56.6	31.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	69.2	44.0	18.9	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	56.6	31.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	44.0	25.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	37.7	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	25.2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.9	6.3	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: P599628
 CATALOG NUMBER: IFLD-L-SA8B-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1	8856.1
2.5°	7988.1	7950.4	8139.1	8447.3	8604.5	8912.7	8988.2	9183.2	9132.9	9202.0
5°	6610.6	6686.1	6962.9	7415.7	7579.3	8025.8	8447.3	8868.7	9139.1	9271.2
7.5°	4906.1	5157.7	5497.3	5912.5	6333.9	6918.8	7635.9	8126.5	8390.7	8673.7
10°	3654.4	3924.9	4314.8	4723.7	5409.3	6063.4	6780.5	7390.6	7617.0	7881.2
12.5°	2874.5	3295.9	3748.7	4189.0	4597.9	5220.6	6107.4	6994.3	7239.6	7440.9
15°	2000.2	2515.9	3163.8	3736.2	4308.5	4849.5	5767.8	6843.4	7176.7	7516.4
17.5°	1107.0	1515.9	2258.1	3063.2	3906.0	4736.3	5881.0	7120.1	7623.3	7862.3
20°	641.6	805.1	1333.4	2289.5	3402.8	4490.9	5937.6	7642.2	8308.9	8428.4
22.5°	528.3	585.0	754.8	1434.1	2786.4	4333.7	6226.9	8371.8	9051.1	9334.1
25°	452.9	496.9	585.0	861.7	2107.1	4000.3	6409.4	9283.8	9912.8	10221.0
27.5°	402.6	446.6	515.8	635.3	1434.1	3541.2	6711.3	10107.8	10736.8	11158.2
30°	352.2	390.0	459.2	540.9	993.8	3025.4	6969.1	10711.6	11598.5	11730.6
32.5°	314.5	345.9	396.3	465.4	735.9	2295.8	7176.7	11334.3	12082.8	12372.1
35°	270.5	308.2	339.7	396.3	559.8	1729.7	7050.9	11818.6	12793.5	13139.5
37.5°	239.0	264.2	295.6	333.4	471.7	1352.3	6793.0	12397.3	13403.7	13724.4
40°	201.3	220.1	257.9	295.6	427.7	1044.1	6497.4	13095.5	14259.1	14825.2
42.5°	169.8	188.7	213.9	276.8	352.2	773.7	5899.9	13636.4	14951.0	15429.0
45°	132.1	157.2	195.0	276.8	283.0	572.4	5283.5	14038.9	15340.9	15579.9
47.5°	100.6	125.8	188.7	239.0	226.4	396.3	4553.8	14498.1	15743.5	15963.6
50°	75.5	100.6	213.9	207.6	188.7	301.9	4094.7	14818.9	15768.6	15888.1
52.5°	50.3	75.5	176.1	157.2	157.2	264.2	3968.9	14806.3	15831.5	15573.7
55°	37.7	56.6	100.6	113.2	138.4	232.7	3855.7	15278.0	15850.4	16032.8
57.5°	25.2	44.0	69.2	88.1	119.5	201.3	3623.0	15844.1	16435.4	16529.7
60°	12.6	31.4	50.3	69.2	100.6	176.1	3295.9	16259.2	17146.1	17246.8
62.5°	6.3	18.9	37.7	56.6	81.8	138.4	2956.2	15598.8	16837.9	17014.0
65°	0.0	12.6	25.2	37.7	50.3	100.6	2402.7	14083.0	15617.7	16265.5
67.5°	0.0	0.0	12.6	25.2	31.4	75.5	1811.5	12812.4	14491.8	15372.4
70°	0.0	0.0	6.3	6.3	18.9	56.6	1157.3	10611.0	12938.2	13422.5
72.5°	0.0	0.0	0.0	0.0	6.3	37.7	673.0	7881.2	10139.2	11038.7
75°	0.0	0.0	0.0	0.0	0.0	31.4	339.7	5069.6	7057.2	8264.9
77.5°	0.0	0.0	0.0	0.0	0.0	25.2	182.4	3270.7	5201.7	6214.4
80°	0.0	0.0	0.0	0.0	0.0	6.3	106.9	1899.5	3327.3	4031.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	44.0	930.9	1987.6	2327.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	12.6	496.9	993.8	1308.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.9	69.2	132.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)