

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: P599512

Luminaire Tested: **IFLD-L-SA8B-740-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: P599512
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

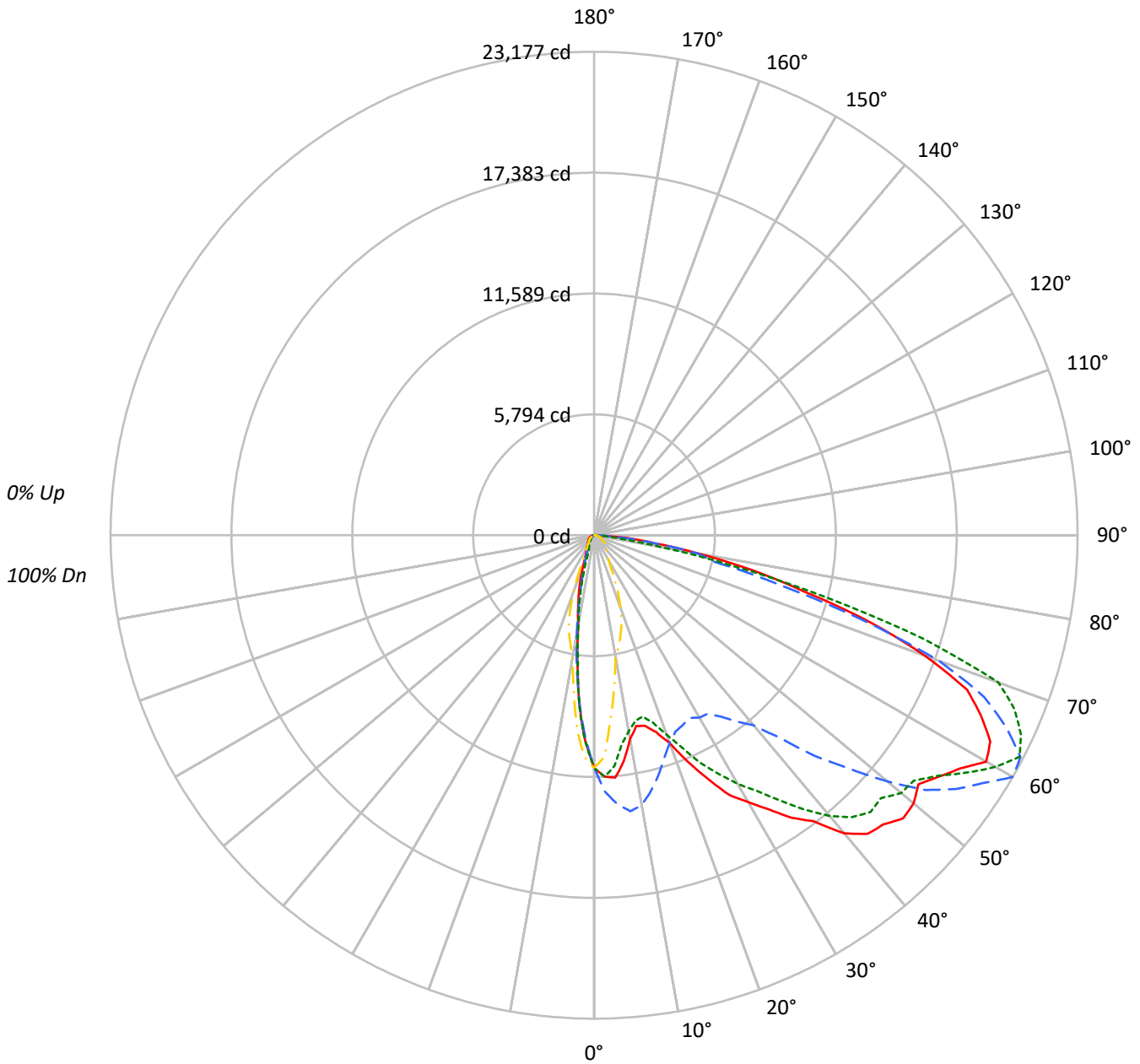
Lumens per Lamp: N/A
 Luminaire Lumens: 29642.4 lumens
 Efficiency: N/A
 Efficacy: 92.6 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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

TEST NUMBER: P599512
CATALOG NUMBER: IFLD-L-SA8B-740-U-SLL-HSS

Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: IFLD-L-SA8B-740-U-SLL-HSS

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°	59984	59984	59984	59984
5°	63035	59999	43834	44090
10°	54204	52128	23966	23403
15°	52705	50103	15569	11732
20°	60751	58212	8342	4171
25°	76385	71449	5406	3244
30°	91744	85497	4378	2656
35°	108644	101935	3589	2132
40°	131080	123405	3170	1613
45°	149236	142729	2952	1085
50°	167417	160921	2916	663
55°	189326	188658	2897	297
60°	233631	239169	2641	85
65°	260683	287497	2420	0
70°	265812	324480	2242	0
75°	216288	239332	2140	0
80°	157261	100096	2207	0
85°	101673	42040	2933	0

TEST NUMBER: P599512
 CATALOG NUMBER: IFLD-L-SA8B-740-U-SLL-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	846.7	2.9
10°-20°	1660.4	5.6
20°-30°	2297.7	7.8
30°-40°	3247.2	11.0
40°-50°	4421.1	14.9
50°-60°	5855.5	19.8
60°-70°	6798.6	22.9
70°-80°	3850.1	13.0
80°-90°	665.2	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°	4804.7	16.2
0°-40°	8051.9	27.2
0°-60°	18328.5	61.8
0°-90°	29642.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29642.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11145	11145	11145	11145	11145	
5°	11668	11106	8114	8161	11668	1048
15°	9459	8992	2794	2106	9459	2774
25°	12863	12032	910	546	12863	5999
35°	16536	15515	546	324	16536	10424
45°	19607	18752	388	142	19607	15201
55°	20177	20106	309	32	20177	18281
65°	20470	22576	190	0	20470	19955
75°	10401	11510	103	0	10401	11352
85°	1646	681	48	0	1646	1978
90°	0	0	0	0	0	

TEST NUMBER: P599512
 CATALOG NUMBER: IFLD-L-SA8B-740-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°	
0°	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4
2.5°	11580.7	11826.1	11834.0	11944.8	12055.7	12055.7	12316.9	12253.6	12024.0	11984.4	11818.2	11818.2
5°	11667.8	11754.9	11818.2	12380.2	12855.2	12807.7	12950.1	12855.2	12411.9	11841.9	11454.1	11454.1
7.5°	10915.8	11010.8	11264.1	12221.9	12863.1	13076.8	13345.9	12752.3	12285.2	11256.2	10512.1	10512.1
10°	9918.4	10100.5	10567.5	11659.9	12451.5	13132.2	13132.2	12657.3	11754.9	10749.6	9839.3	9839.3
12.5°	9364.3	9728.4	9981.7	11089.9	12119.0	12586.0	12570.2	12316.9	11731.1	10464.6	9435.6	9435.6
15°	9459.3	9562.2	10100.5	10963.3	11644.0	11620.3	11905.3	11826.1	11414.5	10717.9	9586.0	9586.0
17.5°	9894.7	10053.0	10520.0	10963.3	11287.8	11192.9	11184.9	11564.9	11588.6	11145.4	10148.0	10148.0
20°	10607.1	11074.1	11295.8	11430.3	11034.5	10630.8	10583.3	11113.7	11525.3	11691.5	10820.8	10820.8
22.5°	11747.0	12055.7	12506.9	11818.2	10789.1	10282.5	10187.6	10773.3	11604.5	12340.6	11691.5	11691.5
25°	12863.1	13100.5	13535.9	12649.3	11066.2	10211.3	10045.1	10551.7	11905.3	13243.0	12744.3	12744.3
27.5°	14042.5	14248.3	14295.8	13258.9	11216.6	10068.8	9870.9	10551.7	12158.6	13718.0	14002.9	14002.9
30°	14762.8	15008.2	15055.7	13797.1	11462.0	10187.6	10092.6	10599.2	12332.7	14121.7	14905.3	14905.3
32.5°	15570.3	15633.6	15594.0	13892.1	11731.1	10535.8	10140.1	10915.8	12530.6	14604.5	15728.6	15728.6
35°	16536.0	16646.8	16243.1	14327.5	12332.7	10757.5	10615.0	11303.7	12871.0	14826.2	16726.0	16726.0
37.5°	17272.1	17620.4	16710.1	14493.7	12451.5	11224.5	11248.3	12111.1	13108.5	15095.3	17826.2	17826.2
40°	18657.4	18071.6	17501.7	15063.6	12902.7	12016.1	11889.4	12942.2	13907.9	15269.5	18546.6	18546.6
42.5°	19417.3	19108.6	17810.4	15119.1	13599.2	13108.5	13140.1	13884.2	14327.5	15760.2	18744.5	18744.5
45°	19607.3	19282.7	18229.9	15158.6	14287.9	14398.7	14944.9	15087.4	14944.9	16084.8	19116.5	19116.5
47.5°	20090.1	19385.6	18182.4	15689.0	15404.0	15831.5	16528.1	16836.8	15784.0	15966.0	19290.7	19290.7
50°	19995.2	19591.4	18079.5	15910.6	16765.5	17897.5	18364.5	18237.9	16718.0	15720.7	19100.7	19100.7
52.5°	19599.4	19164.0	18396.2	16512.2	18040.0	19409.4	20058.5	19741.8	17549.2	16274.8	18974.0	18974.0
55°	20177.2	19844.8	18807.8	17327.5	18997.8	20739.2	21198.3	20960.9	18570.3	16789.3	19694.4	19694.4
57.5°	20802.6	20731.3	19923.9	18285.4	20129.7	22108.7	22108.7	21815.8	19456.9	17533.4	20763.0	20763.0
60°	21705.0	21863.3	20747.1	18918.6	20517.6	22029.5	23177.3	22836.9	20351.4	18839.5	21974.1	21974.1
62.5°	21412.1	21918.7	21807.9	20280.1	20960.9	22417.4	23042.7	23296.0	21459.6	20430.5	23588.9	23588.9
65°	20470.1	21008.4	21799.9	21174.6	20628.4	21475.4	21792.0	22559.8	22013.7	21926.6	24253.8	24253.8
67.5°	19346.1	19931.8	20422.6	21776.2	19955.6	20517.6	20240.5	20485.9	21412.1	23565.1	24633.8	24633.8
70°	16892.2	17454.2	18229.9	20438.4	18174.5	17667.9	17596.7	17477.9	18918.6	22979.4	22908.1	22908.1
72.5°	13892.1	14153.3	15435.7	16615.1	13448.8	13353.8	13464.7	13330.1	15000.3	20802.6	19623.1	19623.1
75°	10401.3	10662.5	11390.7	12760.2	9158.5	8612.3	9245.6	9870.9	11454.1	16148.1	14097.9	14097.9
77.5°	7820.7	8153.2	8612.3	9546.4	6720.5	5865.6	5952.6	6546.3	8279.9	12934.3	7899.9	7899.9
80°	5074.0	5034.4	5921.0	6570.1	5058.2	5216.5	4994.8	5430.2	6000.1	6918.4	4037.0	4037.0
82.5°	2928.8	2968.4	3340.4	3767.9	3522.5	4029.1	2905.1	4852.3	4282.4	2818.0	1504.0	1504.0
85°	1646.5	1717.7	2058.1	2612.2	2208.5	1480.2	1211.1	2406.4	2691.4	1155.7	728.2	728.2
87.5°	166.2	142.5	277.1	989.5	601.6	245.4	364.1	577.8	649.1	435.4	213.7	213.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P599512
 CATALOG NUMBER: IFLD-L-SA8B-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4
2.5°	11580.7	11580.7	11382.8	11050.4	10915.8	10678.3	10353.8	10456.7	10345.9	9942.2	9839.3
5°	11105.8	10725.8	10314.2	9807.6	9514.7	8913.1	8723.1	8382.8	8438.2	8097.8	8113.6
7.5°	10116.3	9815.5	9118.9	8454.0	7876.2	7353.7	6617.6	6340.5	6071.4	5936.8	6095.1
10°	9538.5	8976.4	8026.6	7155.8	6388.0	5921.0	5430.2	5050.2	4701.9	4440.7	4385.3
12.5°	9118.9	8620.2	7472.5	6411.7	5810.2	5430.2	4979.0	4456.6	4116.2	3665.0	3530.4
15°	8992.3	8382.8	7171.7	6118.9	5533.1	4907.8	4393.2	3878.7	3435.4	2960.5	2794.3
17.5°	9427.6	8723.1	7163.7	5881.4	5058.2	4385.3	3672.9	3095.1	2643.9	2208.5	2105.6
20°	10163.8	9087.3	7393.3	5738.9	4607.0	3704.6	2897.2	2319.3	1812.7	1527.7	1456.5
22.5°	11002.9	9704.7	7417.0	5359.0	4155.8	3023.8	2113.5	1527.7	1242.8	1108.2	1068.6
25°	12031.9	10694.2	7702.0	5050.2	3625.4	2295.6	1504.0	1171.5	1005.3	926.1	910.3
27.5°	12878.9	11382.8	8010.7	4725.7	3103.0	1701.9	1179.4	957.8	870.7	791.6	783.7
30°	13757.6	12174.4	8097.8	4527.8	2651.8	1401.1	1013.2	847.0	752.0	712.4	704.5
32.5°	14525.4	13037.2	8374.8	4203.3	2224.3	1234.9	918.2	759.9	696.6	633.3	625.3
35°	15514.8	13535.9	8509.4	4029.1	2066.0	1116.1	839.1	696.6	601.6	562.0	546.2
37.5°	16575.6	14018.8	8596.5	3894.5	1931.4	1044.9	791.6	657.0	569.9	514.5	498.7
40°	17565.0	14699.5	8469.8	3728.3	1828.5	957.8	759.9	609.5	530.4	474.9	451.2
42.5°	18324.9	15364.4	8430.3	3570.0	1717.7	926.1	720.3	585.8	498.7	435.4	427.4
45°	18752.4	15815.6	8153.2	3443.3	1630.6	942.0	704.5	554.1	474.9	419.5	387.9
47.5°	18649.5	16163.9	8224.5	3403.8	1511.9	878.6	696.6	530.4	435.4	387.9	364.1
50°	19219.4	16868.4	8105.7	3277.1	1424.8	791.6	759.9	530.4	427.4	372.0	348.3
52.5°	19314.4	17509.6	8359.0	3047.6	1290.3	728.2	752.0	522.4	411.6	356.2	324.5
55°	20106.0	18253.7	8849.8	2920.9	1179.4	633.3	688.7	506.6	372.0	324.5	308.7
57.5°	21182.5	19797.3	9166.4	2802.2	1029.0	554.1	577.8	498.7	340.4	300.8	277.1
60°	22219.5	20414.7	9190.2	2588.4	886.6	498.7	451.2	498.7	316.6	269.1	245.4
62.5°	22995.2	20414.7	9031.9	2406.4	775.7	443.3	395.8	474.9	285.0	237.5	221.6
65°	22575.7	19868.5	8620.2	2256.0	704.5	387.9	340.4	364.1	253.3	205.8	190.0
67.5°	21823.7	18166.6	7709.9	2073.9	696.6	340.4	292.9	269.1	221.6	182.1	166.2
70°	20620.5	15871.1	6419.7	1868.1	680.8	308.7	261.2	229.6	197.9	158.3	142.5
72.5°	16615.1	13108.5	5271.9	1749.4	664.9	269.1	221.6	197.9	166.2	134.6	118.7
75°	11509.5	8374.8	4060.8	1496.1	649.1	245.4	205.8	174.1	142.5	110.8	102.9
77.5°	6902.5	5596.4	2620.1	1124.0	427.4	197.9	174.1	134.6	118.7	95.0	87.1
80°	3229.6	2643.9	1060.7	435.4	205.8	142.5	118.7	102.9	95.0	79.2	71.2
82.5°	1266.5	1116.1	514.5	253.3	166.2	110.8	95.0	87.1	79.2	63.3	55.4
85°	680.8	601.6	245.4	174.1	118.7	79.2	79.2	71.2	63.3	55.4	47.5
87.5°	150.4	110.8	102.9	102.9	87.1	63.3	63.3	55.4	47.5	39.6	31.7
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: P599512
 CATALOG NUMBER: IFLD-L-SA8B-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4
2.5°	9783.9	9902.6	9712.6	9831.3	9665.1	9791.8	9807.6	9688.9	9720.5	9878.8	9950.1
5°	8335.3	8256.1	8082.0	8026.6	8034.5	7931.6	7971.1	8026.6	8113.6	8161.1	8303.6
7.5°	6008.0	6190.1	6182.2	6316.8	6324.7	6308.8	6198.0	5960.5	6039.7	5976.4	6055.5
10°	4298.2	4377.4	4527.8	4614.9	4773.2	4686.1	4432.8	4337.8	4290.3	4282.4	4361.6
12.5°	3435.4	3245.5	3229.6	3261.3	3340.4	3237.5	3110.9	3000.1	3055.5	3166.3	3253.4
15°	2659.7	2501.4	2295.6	2263.9	2279.7	2232.2	2097.7	1955.2	1994.8	2105.6	2168.9
17.5°	2042.3	1860.2	1717.7	1622.7	1591.1	1424.8	1226.9	1108.2	1076.5	1068.6	1124.0
20°	1377.3	1345.7	1321.9	1203.2	1203.2	965.7	799.5	712.4	712.4	728.2	736.2
22.5°	1029.0	989.5	997.4	973.6	910.3	720.3	633.3	609.5	609.5	625.3	625.3
25°	894.5	839.1	823.2	815.3	752.0	617.4	554.1	530.4	530.4	546.2	546.2
27.5°	759.9	744.1	720.3	688.7	633.3	530.4	490.8	467.0	474.9	482.9	474.9
30°	696.6	657.0	625.3	625.3	562.0	474.9	443.3	427.4	411.6	427.4	435.4
32.5°	617.4	593.7	577.8	554.1	482.9	419.5	387.9	372.0	364.1	364.1	372.0
35°	530.4	530.4	514.5	482.9	419.5	380.0	340.4	324.5	316.6	324.5	324.5
37.5°	474.9	451.2	459.1	427.4	372.0	332.5	292.9	277.1	277.1	269.1	277.1
40°	443.3	403.7	380.0	364.1	332.5	285.0	253.3	237.5	229.6	229.6	229.6
42.5°	395.8	364.1	316.6	308.7	300.8	245.4	205.8	197.9	190.0	182.1	182.1
45°	372.0	324.5	285.0	245.4	245.4	205.8	174.1	158.3	150.4	142.5	150.4
47.5°	340.4	292.9	245.4	205.8	197.9	166.2	134.6	118.7	110.8	110.8	110.8
50°	324.5	261.2	213.7	174.1	150.4	134.6	102.9	87.1	79.2	79.2	79.2
52.5°	300.8	245.4	190.0	150.4	118.7	102.9	79.2	63.3	55.4	55.4	55.4
55°	269.1	221.6	166.2	126.7	102.9	79.2	55.4	39.6	31.7	31.7	31.7
57.5°	253.3	197.9	142.5	110.8	79.2	55.4	31.7	23.7	23.7	15.8	23.7
60°	229.6	174.1	118.7	87.1	63.3	39.6	23.7	7.9	7.9	7.9	7.9
62.5°	197.9	150.4	102.9	71.2	47.5	23.7	7.9	0.0	0.0	0.0	0.0
65°	166.2	118.7	79.2	55.4	31.7	7.9	0.0	0.0	0.0	0.0	0.0
67.5°	142.5	102.9	63.3	39.6	23.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	126.7	87.1	47.5	31.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	102.9	71.2	39.6	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	87.1	55.4	23.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	71.2	39.6	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	55.4	31.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	47.5	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	31.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	23.7	7.9	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: P599512
 CATALOG NUMBER: IFLD-L-SA8B-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4	11145.4
2.5°	10053.0	10005.5	10243.0	10630.8	10828.7	11216.6	11311.6	11557.0	11493.6	11580.7
5°	8319.4	8414.4	8762.7	9332.7	9538.5	10100.5	10630.8	11161.2	11501.6	11667.8
7.5°	6174.3	6490.9	6918.4	7440.8	7971.1	8707.3	9609.7	10227.1	10559.6	10915.8
10°	4599.0	4939.4	5430.2	5944.7	6807.5	7630.8	8533.2	9301.0	9586.0	9918.4
12.5°	3617.5	4147.8	4717.8	5271.9	5786.4	6570.1	7686.2	8802.3	9111.0	9364.3
15°	2517.2	3166.3	3981.6	4701.9	5422.3	6103.0	7258.7	8612.3	9031.9	9459.3
17.5°	1393.2	1907.7	2841.7	3855.0	4915.7	5960.5	7401.2	8960.6	9593.9	9894.7
20°	807.4	1013.2	1678.1	2881.3	4282.4	5651.8	7472.5	9617.6	10456.7	10607.1
22.5°	664.9	736.2	949.9	1804.8	3506.7	5453.9	7836.6	10535.8	11390.7	11747.0
25°	569.9	625.3	736.2	1084.5	2651.8	5034.4	8066.1	11683.6	12475.2	12863.1
27.5°	506.6	562.0	649.1	799.5	1804.8	4456.6	8446.1	12720.6	13512.2	14042.5
30°	443.3	490.8	577.8	680.8	1250.7	3807.5	8770.6	13480.5	14596.6	14762.8
32.5°	395.8	435.4	498.7	585.8	926.1	2889.2	9031.9	14264.2	15206.1	15570.3
35°	340.4	387.9	427.4	498.7	704.5	2176.8	8873.5	14873.7	16100.6	16536.0
37.5°	300.8	332.5	372.0	419.5	593.7	1701.9	8549.0	15601.9	16868.4	17272.1
40°	253.3	277.1	324.5	372.0	538.3	1314.0	8177.0	16480.6	17945.0	18657.4
42.5°	213.7	237.5	269.1	348.3	443.3	973.6	7425.0	17161.3	18815.7	19417.3
45°	166.2	197.9	245.4	348.3	356.2	720.3	6649.2	17667.9	19306.5	19607.3
47.5°	126.7	158.3	237.5	300.8	285.0	498.7	5731.0	18245.8	19813.1	20090.1
50°	95.0	126.7	269.1	261.2	237.5	380.0	5153.1	18649.5	19844.8	19995.2
52.5°	63.3	95.0	221.6	197.9	197.9	332.5	4994.8	18633.6	19923.9	19599.4
55°	47.5	71.2	126.7	142.5	174.1	292.9	4852.3	19227.3	19947.7	20177.2
57.5°	31.7	55.4	87.1	110.8	150.4	253.3	4559.5	19939.7	20683.8	20802.6
60°	15.8	39.6	63.3	87.1	126.7	221.6	4147.8	20462.2	21578.3	21705.0
62.5°	7.9	23.7	47.5	71.2	102.9	174.1	3720.4	19631.0	21190.4	21412.1
65°	0.0	15.8	31.7	47.5	63.3	126.7	3023.8	17723.3	19654.8	20470.1
67.5°	0.0	0.0	15.8	31.7	39.6	95.0	2279.7	16124.4	18237.9	19346.1
70°	0.0	0.0	7.9	7.9	23.7	71.2	1456.5	13353.8	16282.7	16892.2
72.5°	0.0	0.0	0.0	0.0	7.9	47.5	847.0	9918.4	12760.2	13892.1
75°	0.0	0.0	0.0	0.0	0.0	39.6	427.4	6380.1	8881.5	10401.3
77.5°	0.0	0.0	0.0	0.0	0.0	31.7	229.6	4116.2	6546.3	7820.7
80°	0.0	0.0	0.0	0.0	0.0	7.9	134.6	2390.6	4187.4	5074.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	55.4	1171.5	2501.4	2928.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	15.8	625.3	1250.7	1646.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	87.1	166.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)