

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: P598953

Luminaire Tested: **IFLD-M-SA4D-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598953
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4D-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

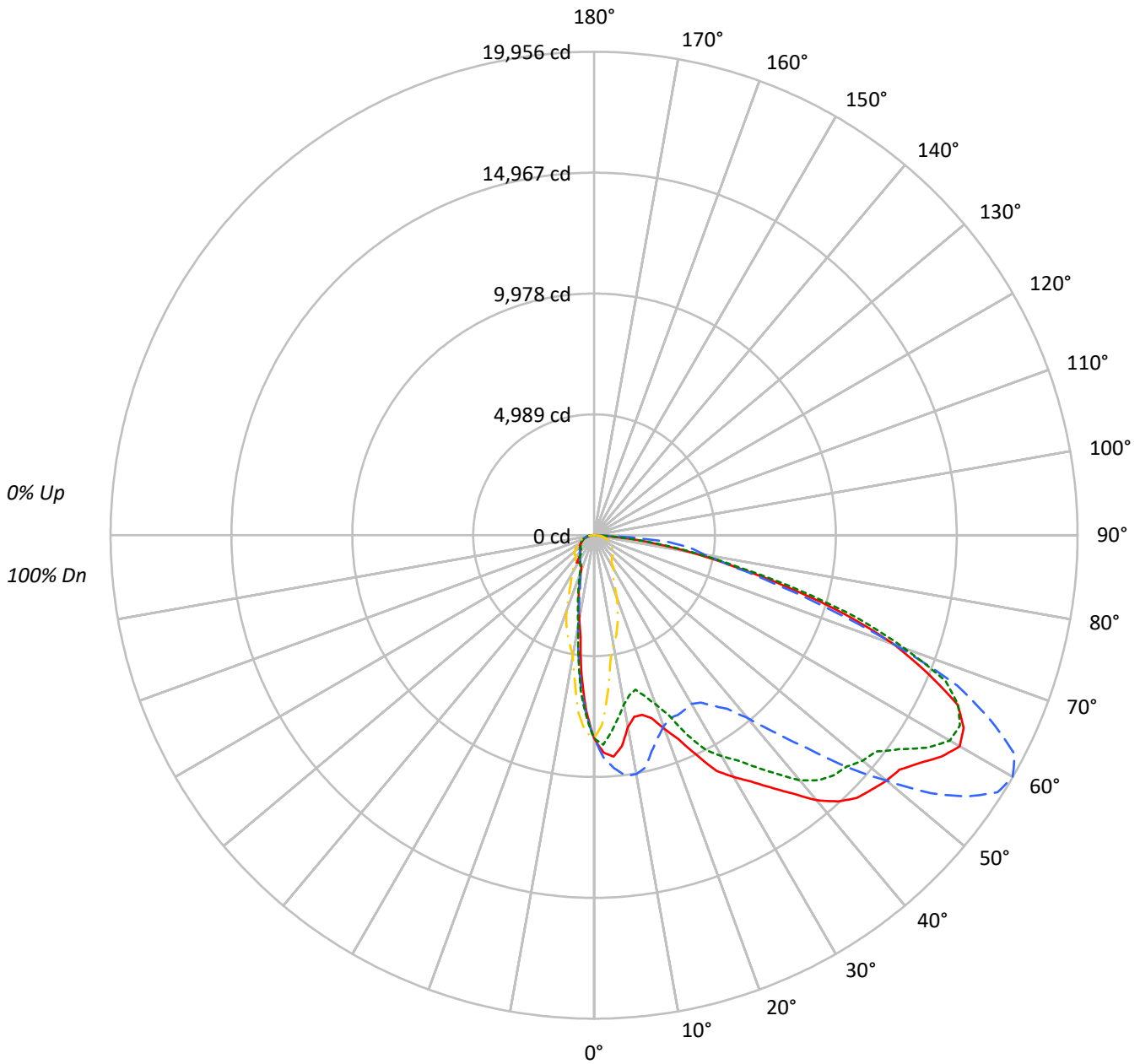
Lumens per Lamp: N/A
 Luminaire Lumens: 26245.7 lumens
 Efficiency: N/A
 Efficacy: 105.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 249.7
 Input Voltage (V): 120
 Input Current (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	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77				
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60				
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47				
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38				
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31				
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26				
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22				
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19				
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17				
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	90231	90231	90231	90231
5°	99130	88060	63151	68938
10°	87805	77498	38303	41103
15°	85499	73564	27116	28154
20°	97489	85086	17738	19605
25°	118779	107856	15487	16039
30°	143116	130816	16062	14905
35°	166910	153600	13310	12545
40°	200567	185516	12433	11779
45°	233412	213208	12583	11697
50°	263786	242340	12867	12087
55°	307634	288844	13328	12673
60°	375211	364933	13285	13285
65°	421672	422265	13642	14232
70°	414415	429071	14291	14656
75°	341846	364603	15009	15978
80°	246820	259087	16600	17319
85°	136606	146671	18698	23008

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	651.2	2.5
10°-20°	1374.9	5.2
20°-30°	2011.7	7.7
30°-40°	2834.4	10.8
40°-50°	3895.3	14.8
50°-60°	5308.8	20.2
60°-70°	5810.3	22.1
70°-80°	3354.5	12.8
80°-90°	1004.5	3.8
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°	4037.9	15.4
0°-40°	6872.3	26.2
0°-60°	16076.4	61.3
0°-90°	26245.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26245.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8383	8383	8383	8383	8383	
5°	9174	8150	5845	6380	9174	833
15°	7672	6601	2433	2526	7672	2242
25°	10001	9081	1304	1350	10001	4683
35°	12702	11689	1013	955	12702	8054
45°	15333	14006	827	768	15333	11785
55°	16393	15392	710	675	16393	14791
65°	16556	16579	536	559	16556	15846
75°	8220	8767	361	384	8220	8830
85°	1106	1188	151	186	1106	1535
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7
2.5°	8976.5	8941.6	8976.5	9104.6	9139.5	9197.7	9197.7	9116.2	8964.9	8895.0	8778.6
5°	9174.4	9116.2	9407.3	9675.1	9884.6	9861.3	9663.4	9500.4	9197.7	8743.6	8312.9
7.5°	8778.6	8836.8	9046.3	9744.9	10233.9	10327.0	10012.7	9686.7	9034.7	8406.0	7823.9
10°	8033.4	8114.9	8569.0	9290.8	10059.3	10210.6	10012.7	9616.8	8836.8	8056.7	7381.4
12.5°	7672.5	7858.8	8126.6	8999.8	9547.0	9907.9	9814.8	9558.6	8685.4	7765.7	7113.7
15°	7672.5	7719.1	8114.9	8848.4	9162.8	9174.4	9209.3	9255.9	8732.0	7893.7	7020.5
17.5°	7917.0	8045.1	8382.7	8836.8	8895.0	8755.3	8755.3	8953.2	8825.1	8254.6	7358.2
20°	8510.8	8464.2	8906.6	9092.9	8778.6	8429.3	8394.4	8732.0	8929.9	8638.9	7975.2
22.5°	9104.6	9314.1	9675.1	9255.9	8673.8	8208.1	8161.5	8580.6	9244.3	9302.5	8685.4
25°	10001.0	10210.6	10396.9	9884.6	8662.1	8149.9	8184.8	8510.8	9628.5	10245.5	9873.0
27.5°	10967.4	11095.5	11363.2	10571.5	8941.6	8080.0	8114.9	8603.9	9989.4	10862.6	10804.4
30°	11514.6	11654.3	11596.1	10699.6	9127.8	8126.6	8033.4	8732.0	9791.5	10862.6	11409.8
32.5°	12050.2	11968.7	11933.7	10909.2	9360.7	8417.6	8184.8	8999.8	9907.9	11037.2	12189.9
35°	12702.1	12585.7	12492.6	11316.7	9744.9	8697.1	8592.3	9349.1	10164.0	11398.2	12818.6
37.5°	13424.0	13424.0	12969.9	11619.4	10199.0	9151.1	9034.7	9849.7	10571.5	11619.4	13680.1
40°	14273.9	14308.8	13505.5	12026.9	10711.3	9873.0	9838.1	10501.7	10967.4	11945.4	14506.8
42.5°	14902.6	14925.9	13971.2	12178.2	11305.0	10874.2	11025.6	11549.5	11421.5	12236.4	14565.0
45°	15333.4	15217.0	14297.2	12609.0	11957.0	12376.2	12422.7	12574.1	12015.2	12411.1	14797.8
47.5°	15543.0	15519.7	14436.9	13109.6	13330.8	13901.3	14169.1	13959.6	12562.4	12224.8	14797.8
50°	15752.5	15554.6	14565.0	13796.6	14669.8	15822.4	15764.2	15380.0	13319.2	12457.6	14576.6
52.5°	15892.2	15717.6	14821.1	14413.6	15950.4	17254.4	17487.3	16777.1	14204.0	12888.4	14681.4
55°	16392.9	16253.2	15589.5	15251.9	17429.1	18768.0	18802.9	17813.3	15135.5	13598.6	15368.3
57.5°	16998.3	17079.8	16649.0	16439.4	18558.4	19874.0	19746.0	18581.7	15927.2	14460.2	16160.0
60°	17429.1	17557.1	17452.4	17475.6	19117.3	20246.6	19955.5	19059.0	16509.3	15112.2	17126.4
62.5°	17196.2	17452.4	17883.1	17790.0	19140.5	19978.8	19571.3	18430.3	16579.2	15962.1	17859.8
65°	16555.9	16579.2	17417.4	17929.7	18092.7	18593.3	18057.8	17114.7	15857.3	16486.0	17755.1
67.5°	14914.3	15100.5	15857.3	16858.6	16171.7	16288.1	16241.5	14879.3	14762.9	16125.1	16951.7
70°	13167.9	13295.9	14122.6	15298.5	13656.8	13109.6	13214.4	12201.5	12678.9	15007.4	15333.4
72.5°	10885.9	10967.4	11910.4	12946.6	10955.7	9977.8	10222.3	9395.6	10070.9	13132.9	12935.0
75°	8219.7	8371.1	9104.6	10327.0	8068.4	7439.7	7684.2	7346.5	7975.2	10816.0	10036.0
77.5°	5844.6	5728.2	6636.3	8080.0	6065.8	5693.3	5716.5	5774.8	6450.0	9116.2	7206.8
80°	3981.8	4016.7	4831.7	5926.1	4761.8	4703.6	4645.4	5111.1	5413.8	7218.5	5239.2
82.5°	2363.5	2363.5	3259.9	4214.6	3760.6	4237.9	3970.1	4389.3	4237.9	5309.1	3434.6
85°	1106.1	1106.1	1676.5	3038.7	2910.7	3492.8	2968.9	3318.2	3131.9	3702.4	1548.5
87.5°	186.3	163.0	337.6	1490.3	1199.2	1362.2	535.6	1769.7	1967.6	2584.7	384.2
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°	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7
2.5°	8650.5	8569.0	8406.0	8196.4	8021.8	7800.6	7730.7	7579.4	7369.8	7346.5	7253.4
5°	8149.9	7870.4	7521.2	7090.4	6799.3	6496.6	6240.5	6089.1	5914.5	5891.2	5844.6
7.5°	7602.7	7253.4	6671.2	6159.0	5658.3	5181.0	4948.1	4657.1	4459.1	4307.8	4237.9
10°	7090.4	6764.4	6042.5	5344.0	4901.6	4587.2	4307.8	4005.1	3760.6	3574.3	3504.4
12.5°	6752.7	6368.5	5588.5	4924.8	4598.9	4237.9	3923.6	3597.6	3283.2	3038.7	2910.7
15°	6601.4	6240.5	5448.8	4715.3	4237.9	3737.3	3376.4	3050.4	2666.2	2491.5	2433.3
17.5°	6962.3	6426.8	5402.2	4470.8	3795.5	3225.0	2782.6	2433.3	2153.9	1979.3	1909.4
20°	7428.0	6764.4	5483.7	4179.7	3376.4	2736.0	2247.0	1874.5	1688.2	1560.1	1548.5
22.5°	8021.8	7265.0	5611.8	3970.1	2910.7	2200.5	1758.0	1536.8	1408.8	1397.1	1373.8
25°	9081.3	8173.1	5821.3	3690.7	2538.1	1816.3	1501.9	1373.8	1315.6	1280.7	1304.0
27.5°	9989.4	8766.9	5972.7	3516.1	2386.7	1711.5	1455.3	1315.6	1257.4	1245.8	1257.4
30°	10525.0	9314.1	5926.1	3190.1	2084.0	1630.0	1548.5	1501.9	1385.5	1292.3	1292.3
32.5°	11014.0	9663.4	5914.5	2899.0	1781.3	1362.2	1292.3	1257.4	1327.3	1373.8	1338.9
35°	11689.2	10210.6	5879.5	2736.0	1653.3	1257.4	1141.0	1047.8	1001.3	978.0	1012.9
37.5°	12411.1	10583.2	5786.4	2712.7	1583.4	1199.2	1106.1	1012.9	966.3	943.1	931.4
40°	13202.8	10979.0	5681.6	2596.3	1548.5	1164.3	1071.1	989.6	931.4	896.5	884.8
42.5°	13715.1	11293.4	5576.8	2538.1	1478.6	1141.0	1036.2	966.3	908.1	861.6	861.6
45°	14006.1	11665.9	5472.1	2479.9	1397.1	1152.6	1036.2	943.1	873.2	849.9	826.6
47.5°	14134.2	11945.4	5437.1	2386.7	1327.3	1106.1	1012.9	919.8	849.9	803.3	791.7
50°	14471.8	12539.1	5565.2	2316.9	1245.8	1059.5	1071.1	908.1	838.3	780.1	768.4
52.5°	14669.8	13016.5	5844.6	2212.1	1187.6	1001.3	1047.8	884.8	803.3	745.1	745.1
55°	15391.6	13808.2	6147.3	2130.6	1117.7	919.8	966.3	838.3	745.1	710.2	710.2
57.5°	16311.4	14646.5	6403.5	2095.7	1071.1	861.6	861.6	815.0	710.2	663.6	652.0
60°	16951.7	15333.4	6554.8	2072.4	1024.6	803.3	768.4	815.0	675.3	628.7	617.1
62.5°	17021.6	14937.5	6403.5	2060.8	1012.9	745.1	698.6	780.1	640.3	593.8	570.5
65°	16579.2	14134.2	5984.3	2014.2	1001.3	686.9	652.0	675.3	593.8	558.8	535.6
67.5°	15694.3	12830.2	5378.9	1990.9	989.6	640.3	593.8	582.1	547.2	512.3	489.0
70°	13633.6	11130.4	4668.7	1886.1	966.3	605.4	535.6	523.9	489.0	465.7	454.1
72.5°	11444.7	9104.6	3853.7	1746.4	919.8	547.2	489.0	465.7	454.1	419.1	407.5
75°	8766.9	7008.9	3085.3	1548.5	803.3	489.0	430.8	407.5	395.9	372.6	360.9
77.5°	6159.0	5215.9	2282.0	1257.4	675.3	442.4	384.2	360.9	349.3	314.4	314.4
80°	4179.7	3655.8	1548.5	873.2	523.9	360.9	337.6	314.4	291.1	267.8	267.8
82.5°	2596.3	2561.4	1117.7	570.5	384.2	291.1	267.8	267.8	232.9	209.6	209.6
85°	1187.6	1571.8	780.1	395.9	291.1	221.2	221.2	209.6	186.3	151.4	151.4
87.5°	372.6	523.9	407.5	174.6	163.0	128.1	128.1	116.4	116.4	93.1	93.1
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°	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7
2.5°	7346.5	7334.9	7334.9	7288.3	7404.7	7404.7	7474.6	7416.4	7451.3	7462.9	7556.1
5°	5833.0	5926.1	5996.0	6135.7	6217.2	6252.1	6252.1	6345.3	6310.3	6380.2	6519.9
7.5°	4272.9	4389.3	4598.9	4773.5	4913.2	4959.8	4948.1	4971.4	5006.3	4924.8	4948.1
10°	3457.9	3376.4	3446.2	3609.2	3737.3	3888.6	3772.2	3760.6	3795.5	3760.6	3830.4
12.5°	2887.4	2794.2	2736.0	2736.0	2829.2	2899.0	2864.1	2922.3	3050.4	3085.3	3166.8
15°	2340.2	2258.7	2212.1	2153.9	2247.0	2270.3	2305.2	2386.7	2479.9	2526.5	2619.6
17.5°	1874.5	1874.5	1874.5	1827.9	1862.8	1897.8	1909.4	2014.2	2025.8	2072.4	2107.3
20°	1536.8	1571.8	1630.0	1653.3	1688.2	1688.2	1664.9	1723.1	1676.5	1711.5	1734.8
22.5°	1385.5	1432.0	1455.3	1467.0	1513.5	1525.2	1467.0	1478.6	1490.3	1455.3	1467.0
25°	1304.0	1327.3	1304.0	1315.6	1327.3	1304.0	1315.6	1338.9	1327.3	1350.5	1338.9
27.5°	1269.1	1245.8	1234.1	1222.5	1222.5	1199.2	1210.8	1210.8	1234.1	1245.8	1245.8
30°	1269.1	1234.1	1187.6	1152.6	1152.6	1117.7	1141.0	1164.3	1175.9	1199.2	1199.2
32.5°	1304.0	1234.1	1152.6	1117.7	1082.8	1059.5	1082.8	1117.7	1164.3	1175.9	1187.6
35°	1036.2	1071.1	1059.5	1012.9	1001.3	1001.3	989.6	989.6	954.7	954.7	943.1
37.5°	931.4	919.8	943.1	954.7	966.3	931.4	931.4	884.8	873.2	884.8	884.8
40°	873.2	873.2	873.2	908.1	919.8	896.5	861.6	838.3	838.3	838.3	849.9
42.5°	849.9	826.6	815.0	838.3	873.2	849.9	815.0	803.3	803.3	815.0	815.0
45°	815.0	803.3	791.7	780.1	826.6	791.7	780.1	768.4	768.4	768.4	780.1
47.5°	780.1	768.4	745.1	745.1	756.8	745.1	733.5	733.5	733.5	756.8	756.8
50°	756.8	745.1	721.8	721.8	721.8	721.8	710.2	710.2	710.2	721.8	733.5
52.5°	721.8	710.2	698.6	686.9	686.9	686.9	686.9	686.9	686.9	698.6	710.2
55°	686.9	675.3	663.6	663.6	675.3	675.3	663.6	675.3	663.6	675.3	686.9
57.5°	652.0	640.3	628.7	640.3	652.0	640.3	640.3	640.3	640.3	640.3	652.0
60°	605.4	605.4	605.4	605.4	628.7	628.7	628.7	628.7	605.4	617.1	628.7
62.5°	582.1	570.5	570.5	582.1	593.8	593.8	605.4	593.8	582.1	593.8	593.8
65°	535.6	535.6	535.6	547.2	547.2	558.8	558.8	558.8	547.2	558.8	558.8
67.5°	500.6	500.6	500.6	500.6	523.9	523.9	523.9	523.9	512.3	512.3	523.9
70°	442.4	454.1	442.4	465.7	489.0	477.3	489.0	489.0	477.3	465.7	489.0
72.5°	407.5	407.5	407.5	407.5	442.4	442.4	442.4	454.1	442.4	430.8	442.4
75°	360.9	360.9	360.9	372.6	395.9	395.9	395.9	395.9	395.9	384.2	384.2
77.5°	314.4	326.0	314.4	326.0	349.3	337.6	349.3	360.9	349.3	337.6	337.6
80°	267.8	267.8	267.8	279.4	291.1	291.1	291.1	302.7	291.1	279.4	279.4
82.5°	209.6	209.6	221.2	221.2	232.9	232.9	232.9	244.5	232.9	221.2	221.2
85°	163.0	163.0	163.0	174.6	174.6	186.3	186.3	197.9	197.9	186.3	186.3
87.5°	104.8	93.1	104.8	104.8	116.4	116.4	104.8	93.1	104.8	93.1	81.5
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: P598953
 CATALOG NUMBER: IFLD-M-SA4D-735-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7	8382.7
2.5°	7649.2	7858.8	8010.2	8114.9	8266.3	8557.4	8673.8	8883.4	8941.6	8976.5
5°	6578.1	6799.3	7125.3	7358.2	7625.9	8173.1	8592.3	8906.6	9046.3	9174.4
7.5°	5157.7	5448.8	5786.4	6089.1	6531.5	7206.8	7754.0	8406.0	8650.5	8778.6
10°	4028.4	4296.1	4668.7	5041.3	5658.3	6228.8	7008.9	7602.7	7940.3	8033.4
12.5°	3399.7	3714.0	4156.4	4610.5	4994.7	5646.7	6438.4	7299.9	7614.3	7672.5
15°	2887.4	3318.2	3772.2	4237.9	4680.4	5250.8	6100.8	7148.6	7614.3	7672.5
17.5°	2386.7	2771.0	3306.5	3807.2	4319.4	5099.5	6159.0	7276.7	7742.4	7917.0
20°	1897.8	2270.3	2689.5	3318.2	4016.7	4843.3	6287.0	7707.4	8324.5	8510.8
22.5°	1571.8	1734.8	2142.3	2747.7	3574.3	4668.7	6415.1	8382.7	9034.7	9104.6
25°	1373.8	1490.3	1746.4	2316.9	3225.0	4552.3	6717.8	9162.8	10001.0	10001.0
27.5°	1280.7	1327.3	1501.9	2014.2	2980.5	4447.5	7020.5	10024.3	10804.4	10967.4
30°	1257.4	1373.8	1467.0	1793.0	2712.7	4156.4	7299.9	10699.6	11503.0	11514.6
32.5°	1234.1	1210.8	1280.7	1560.1	2386.7	3853.7	7532.8	11386.5	12015.2	12050.2
35°	966.3	1012.9	1129.3	1373.8	2142.3	3632.5	7649.2	11759.1	12667.2	12702.1
37.5°	908.1	966.3	1059.5	1269.1	1979.3	3446.2	7684.2	12480.9	13354.1	13424.0
40°	884.8	931.4	1001.3	1175.9	1851.2	3213.4	7754.0	13226.1	14367.0	14273.9
42.5°	838.3	896.5	966.3	1129.3	1746.4	3038.7	7765.7	13633.6	14902.6	14902.6
45°	826.6	861.6	943.1	1129.3	1630.0	2887.4	7579.4	14041.1	15519.7	15333.4
47.5°	780.1	849.9	919.8	1094.4	1490.3	2736.0	7358.2	14250.6	15601.2	15543.0
50°	768.4	838.3	954.7	1036.2	1408.8	2666.2	7311.6	14774.5	15764.2	15752.5
52.5°	745.1	815.0	989.6	989.6	1304.0	2573.0	7532.8	15007.4	15799.1	15892.2
55°	710.2	815.0	919.8	908.1	1210.8	2456.6	7777.3	15612.8	16416.2	16392.9
57.5°	686.9	791.7	873.2	826.6	1106.1	2375.1	8138.2	16194.9	17161.3	16998.3
60°	652.0	791.7	780.1	768.4	1024.6	2305.2	8440.9	16311.4	17324.3	17429.1
62.5°	628.7	826.6	686.9	710.2	954.7	2270.3	8312.9	15438.2	17103.1	17196.2
65°	605.4	710.2	628.7	652.0	931.4	2200.5	7812.2	14390.3	16148.4	16555.9
67.5°	558.8	582.1	582.1	605.4	908.1	2037.5	6787.7	12504.2	14693.0	14914.3
70°	512.3	523.9	523.9	558.8	884.8	1851.2	5600.1	10816.0	12748.7	13167.9
72.5°	465.7	465.7	465.7	512.3	815.0	1699.8	4610.5	8312.9	10594.8	10885.9
75°	407.5	407.5	407.5	454.1	733.5	1548.5	3632.5	6182.3	7800.6	8219.7
77.5°	360.9	360.9	349.3	407.5	640.3	1257.4	2619.6	4366.0	5495.3	5844.6
80°	302.7	291.1	291.1	326.0	500.6	908.1	1688.2	3085.3	3830.4	3981.8
82.5°	244.5	232.9	221.2	244.5	360.9	570.5	1047.8	2153.9	2456.6	2363.5
85°	232.9	244.5	197.9	186.3	256.1	372.6	663.6	1327.3	1106.1	1106.1
87.5°	93.1	81.5	81.5	69.9	128.1	139.7	291.1	244.5	186.3	186.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)