

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: P598924

Luminaire Tested: **IFLD-M-SA4D-730-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598924
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4D-730-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

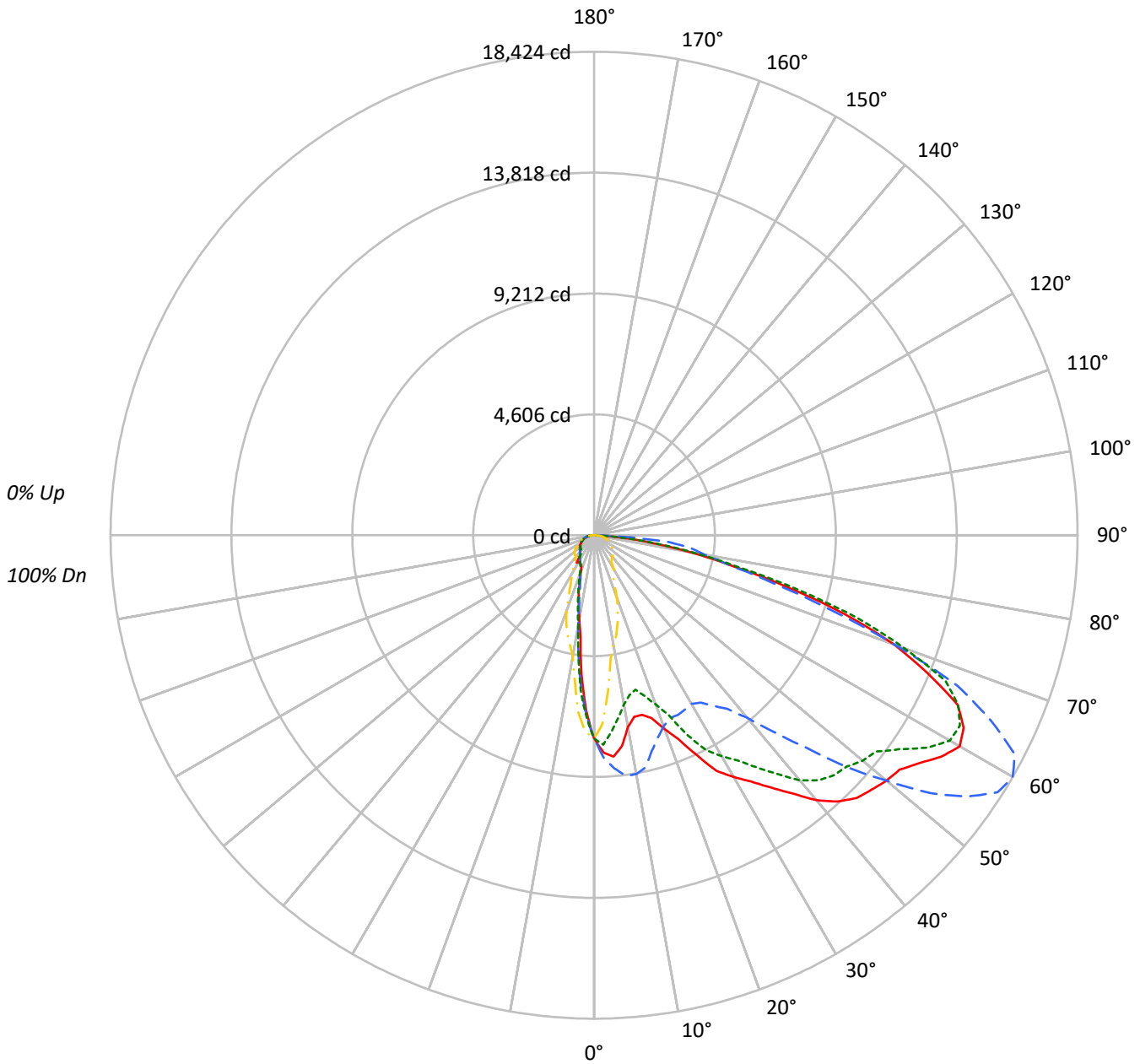
Lumens per Lamp: N/A
 Luminaire Lumens: 24231.3 lumens
 Efficiency: N/A
 Efficacy: 97.0 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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	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°	83305	83305	83305	83305
5°	91522	81300	58304	63647
10°	81066	71550	35364	37949
15°	78937	67917	25035	25993
20°	90007	78555	16376	18100
25°	109663	99578	14298	14809
30°	132131	120776	14829	13761
35°	154099	141812	12289	11582
40°	185174	171277	11479	10874
45°	215497	196843	11618	10799
50°	243541	223741	11879	11159
55°	284023	266675	12305	11699
60°	346413	336923	12264	12264
65°	389308	389855	12595	13142
70°	382606	396139	13193	13533
75°	315607	336622	13857	14751
80°	227876	239201	15323	15993
85°	126120	135408	17253	21242

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	601.3	2.5
10°-20°	1269.4	5.2
20°-30°	1857.3	7.7
30°-40°	2616.8	10.8
40°-50°	3596.3	14.8
50°-60°	4901.4	20.2
60°-70°	5364.3	22.1
70°-80°	3097.0	12.8
80°-90°	927.4	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°	3728.0	15.4
0°-40°	6344.8	26.2
0°-60°	14842.5	61.3
0°-90°	24231.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24231.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7739	7739	7739	7739	7739	
5°	8470	7524	5396	5890	8470	769
15°	7084	6095	2247	2332	7084	2070
25°	9234	8384	1204	1247	9234	4324
35°	11727	10792	935	881	11727	7436
45°	14156	12931	763	709	14156	10880
55°	15135	14210	656	623	15135	13656
65°	15285	15307	494	516	15285	14630
75°	7589	8094	333	355	7589	8152
85°	1021	1096	140	172	1021	1417
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°	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3
2.5°	8287.5	8255.3	8287.5	8405.8	8438.0	8491.8	8491.8	8416.5	8276.8	8212.3	8104.8
5°	8470.3	8416.5	8685.2	8932.5	9126.0	9104.5	8921.7	8771.2	8491.8	8072.6	7674.8
7.5°	8104.8	8158.5	8352.0	8997.0	9448.4	9534.4	9244.2	8943.2	8341.3	7760.8	7223.4
10°	7416.9	7492.1	7911.3	8577.8	9287.2	9426.9	9244.2	8878.7	8158.5	7438.4	6814.9
12.5°	7083.6	7255.6	7502.9	8309.0	8814.2	9147.5	9061.5	8825.0	8018.8	7169.6	6567.7
15°	7083.6	7126.6	7492.1	8169.3	8459.5	8470.3	8502.5	8545.5	8061.8	7287.9	6481.7
17.5°	7309.4	7427.6	7739.3	8158.5	8212.3	8083.3	8083.3	8266.0	8147.8	7621.1	6793.4
20°	7857.6	7814.6	8223.0	8395.0	8104.8	7782.3	7750.1	8061.8	8244.5	7975.8	7363.1
22.5°	8405.8	8599.3	8932.5	8545.5	8008.1	7578.1	7535.1	7922.1	8534.8	8588.5	8018.8
25°	9233.5	9426.9	9598.9	9126.0	7997.3	7524.3	7556.6	7857.6	8889.5	9459.2	9115.2
27.5°	10125.6	10243.9	10491.1	9760.2	8255.3	7459.9	7492.1	7943.6	9222.7	10028.9	9975.1
30°	10630.8	10759.8	10706.1	9878.4	8427.3	7502.9	7416.9	8061.8	9040.0	10028.9	10534.1
32.5°	11125.3	11050.0	11017.8	10071.9	8642.3	7771.6	7556.6	8309.0	9147.5	10190.1	11254.3
35°	11727.2	11619.7	11533.8	10448.1	8997.0	8029.6	7932.8	8631.5	9383.9	10523.3	11834.7
37.5°	12393.7	12393.7	11974.5	10727.6	9416.2	8448.8	8341.3	9093.7	9760.2	10727.6	12630.2
40°	13178.4	13210.6	12468.9	11103.8	9889.1	9115.2	9083.0	9695.7	10125.6	11028.5	13393.3
42.5°	13758.8	13780.3	12898.9	11243.5	10437.3	10039.6	10179.4	10663.1	10544.8	11297.3	13447.1
45°	14156.5	14049.0	13199.9	11641.2	11039.3	11426.3	11469.3	11609.0	11093.0	11458.5	13662.1
47.5°	14350.0	14328.5	13328.8	12103.5	12307.7	12834.4	13081.6	12888.1	11598.2	11286.5	13662.1
50°	14543.5	14360.8	13447.1	12737.6	13543.8	14608.0	14554.2	14199.5	12296.9	11501.5	13457.8
52.5°	14672.5	14511.2	13683.6	13307.4	14726.2	15930.1	16145.1	15489.4	13113.9	11899.2	13554.6
55°	15134.7	15005.7	14393.0	14081.3	16091.4	17327.5	17359.8	16446.1	13973.8	12554.9	14188.8
57.5°	15693.6	15768.9	15371.2	15177.7	17134.0	18348.7	18230.4	17155.5	14704.7	13350.3	14919.7
60°	16091.4	16209.6	16112.9	16134.4	17650.0	18692.6	18423.9	17596.2	15242.2	13952.3	15811.9
62.5°	15876.4	16112.9	16510.6	16424.6	17671.5	18445.4	18069.2	17015.8	15306.7	14737.0	16489.1
65°	15285.2	15306.7	16080.6	16553.6	16704.1	17166.3	16671.8	15801.1	14640.2	15220.7	16392.3
67.5°	13769.6	13941.5	14640.2	15564.7	14930.5	15038.0	14995.0	13737.3	13629.8	14887.5	15650.6
70°	12157.2	12275.4	13038.6	14124.3	12608.7	12103.5	12200.2	11265.0	11705.7	13855.6	14156.5
72.5°	10050.4	10125.6	10996.3	11953.0	10114.9	9212.0	9437.7	8674.5	9297.9	12125.0	11942.2
75°	7588.8	7728.6	8405.8	9534.4	7449.1	6868.7	7094.4	6782.7	7363.1	9985.9	9265.7
77.5°	5396.0	5288.5	6127.0	7459.9	5600.3	5256.3	5277.8	5331.5	5955.0	8416.5	6653.7
80°	3676.2	3708.4	4460.9	5471.3	4396.4	4342.6	4288.9	4718.8	4998.3	6664.4	4837.1
82.5°	2182.1	2182.1	3009.7	3891.2	3472.0	3912.7	3665.4	4052.4	3912.7	4901.6	3171.0
85°	1021.2	1021.2	1547.9	2805.5	2687.3	3224.7	2741.0	3063.5	2891.5	3418.2	1429.6
87.5°	172.0	150.5	311.7	1375.9	1107.2	1257.6	494.5	1633.9	1816.6	2386.3	354.7
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°	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3
2.5°	7986.6	7911.3	7760.8	7567.3	7406.1	7201.9	7137.4	6997.6	6804.2	6782.7	6696.7
5°	7524.3	7266.4	6943.9	6546.2	6277.5	5998.0	5761.5	5621.8	5460.5	5439.0	5396.0
7.5°	7019.1	6696.7	6159.2	5686.3	5224.0	4783.3	4568.4	4299.6	4116.9	3977.2	3912.7
10°	6546.2	6245.2	5578.8	4933.8	4525.4	4235.1	3977.2	3697.7	3472.0	3300.0	3235.5
12.5°	6234.5	5879.7	5159.6	4546.9	4245.9	3912.7	3622.4	3321.5	3031.2	2805.5	2687.3
15°	6094.7	5761.5	5030.6	4353.4	3912.7	3450.5	3117.2	2816.3	2461.5	2300.3	2246.6
17.5°	6427.9	5933.5	4987.6	4127.6	3504.2	2977.5	2569.0	2246.6	1988.6	1827.3	1762.8
20°	6857.9	6245.2	5062.8	3858.9	3117.2	2526.0	2074.6	1730.6	1558.6	1440.4	1429.6
22.5°	7406.1	6707.4	5181.1	3665.4	2687.3	2031.6	1623.1	1418.9	1300.6	1289.9	1268.4
25°	8384.3	7545.8	5374.5	3407.5	2343.3	1676.9	1386.6	1268.4	1214.6	1182.4	1203.9
27.5°	9222.7	8094.1	5514.3	3246.2	2203.6	1580.1	1343.6	1214.6	1160.9	1150.2	1160.9
30°	9717.2	8599.3	5471.3	2945.2	1924.1	1504.9	1429.6	1386.6	1279.1	1193.1	1193.1
32.5°	10168.6	8921.7	5460.5	2676.5	1644.6	1257.6	1193.1	1160.9	1225.4	1268.4	1236.1
35°	10792.1	9426.9	5428.3	2526.0	1526.4	1160.9	1053.4	967.4	924.4	902.9	935.2
37.5°	11458.5	9770.9	5342.3	2504.5	1461.9	1107.2	1021.2	935.2	892.2	870.7	859.9
40°	12189.4	10136.4	5245.5	2397.0	1429.6	1074.9	988.9	913.7	859.9	827.7	816.9
42.5°	12662.4	10426.6	5148.8	2343.3	1365.1	1053.4	956.7	892.2	838.4	795.4	795.4
45°	12931.1	10770.6	5052.1	2289.6	1289.9	1064.2	956.7	870.7	806.2	784.7	763.2
47.5°	13049.4	11028.5	5019.8	2203.6	1225.4	1021.2	935.2	849.2	784.7	741.7	730.9
50°	13361.1	11576.7	5138.1	2139.1	1150.2	978.2	988.9	838.4	773.9	720.2	709.4
52.5°	13543.8	12017.5	5396.0	2042.3	1096.4	924.4	967.4	816.9	741.7	687.9	687.9
55°	14210.3	12748.4	5675.5	1967.1	1031.9	849.2	892.2	773.9	687.9	655.7	655.7
57.5°	15059.4	13522.3	5912.0	1934.8	988.9	795.4	795.4	752.4	655.7	612.7	601.9
60°	15650.6	14156.5	6051.7	1913.3	945.9	741.7	709.4	752.4	623.4	580.4	569.7
62.5°	15715.1	13791.1	5912.0	1902.6	935.2	687.9	644.9	720.2	591.2	548.2	526.7
65°	15306.7	13049.4	5525.0	1859.6	924.4	634.2	601.9	623.4	548.2	516.0	494.5
67.5°	14489.7	11845.5	4966.1	1838.1	913.7	591.2	548.2	537.5	505.2	473.0	451.5
70°	12587.2	10276.1	4310.4	1741.3	892.2	559.0	494.5	483.7	451.5	430.0	419.2
72.5°	10566.3	8405.8	3557.9	1612.4	849.2	505.2	451.5	430.0	419.2	387.0	376.2
75°	8094.1	6470.9	2848.5	1429.6	741.7	451.5	397.7	376.2	365.5	344.0	333.2
77.5°	5686.3	4815.6	2106.8	1160.9	623.4	408.5	354.7	333.2	322.5	290.2	290.2
80°	3858.9	3375.2	1429.6	806.2	483.7	333.2	311.7	290.2	268.7	247.2	247.2
82.5°	2397.0	2364.8	1031.9	526.7	354.7	268.7	247.2	247.2	215.0	193.5	193.5
85°	1096.4	1451.1	720.2	365.5	268.7	204.2	204.2	193.5	172.0	139.7	139.7
87.5°	344.0	483.7	376.2	161.2	150.5	118.2	118.2	107.5	107.5	86.0	86.0
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°	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3
2.5°	6782.7	6771.9	6771.9	6728.9	6836.4	6836.4	6900.9	6847.2	6879.4	6890.2	6976.1
5°	5385.3	5471.3	5535.8	5664.8	5740.0	5772.3	5772.3	5858.2	5826.0	5890.5	6019.5
7.5°	3944.9	4052.4	4245.9	4407.1	4536.1	4579.1	4568.4	4589.9	4622.1	4546.9	4568.4
10°	3192.5	3117.2	3181.7	3332.2	3450.5	3590.2	3482.7	3472.0	3504.2	3472.0	3536.4
12.5°	2665.8	2579.8	2526.0	2526.0	2612.0	2676.5	2644.3	2698.0	2816.3	2848.5	2923.7
15°	2160.6	2085.3	2042.3	1988.6	2074.6	2096.1	2128.3	2203.6	2289.6	2332.5	2418.5
17.5°	1730.6	1730.6	1730.6	1687.6	1719.9	1752.1	1762.8	1859.6	1870.3	1913.3	1945.6
20°	1418.9	1451.1	1504.9	1526.4	1558.6	1558.6	1537.1	1590.9	1547.9	1580.1	1601.6
22.5°	1279.1	1322.1	1343.6	1354.4	1397.4	1408.1	1354.4	1365.1	1375.9	1343.6	1354.4
25°	1203.9	1225.4	1203.9	1214.6	1225.4	1203.9	1214.6	1236.1	1225.4	1246.9	1236.1
27.5°	1171.6	1150.2	1139.4	1128.7	1128.7	1107.2	1117.9	1117.9	1139.4	1150.2	1150.2
30°	1171.6	1139.4	1096.4	1064.2	1064.2	1031.9	1053.4	1074.9	1085.7	1107.2	1107.2
32.5°	1203.9	1139.4	1064.2	1031.9	999.7	978.2	999.7	1031.9	1074.9	1085.7	1096.4
35°	956.7	988.9	978.2	935.2	924.4	924.4	913.7	913.7	881.4	881.4	870.7
37.5°	859.9	849.2	870.7	881.4	892.2	859.9	859.9	816.9	806.2	816.9	816.9
40°	806.2	806.2	806.2	838.4	849.2	827.7	795.4	773.9	773.9	773.9	784.7
42.5°	784.7	763.2	752.4	773.9	806.2	784.7	752.4	741.7	741.7	752.4	752.4
45°	752.4	741.7	730.9	720.2	763.2	730.9	720.2	709.4	709.4	709.4	720.2
47.5°	720.2	709.4	687.9	687.9	698.7	687.9	677.2	677.2	677.2	698.7	698.7
50°	698.7	687.9	666.4	666.4	666.4	666.4	655.7	655.7	655.7	666.4	677.2
52.5°	666.4	655.7	644.9	634.2	634.2	634.2	634.2	634.2	634.2	644.9	655.7
55°	634.2	623.4	612.7	612.7	623.4	623.4	612.7	623.4	612.7	623.4	634.2
57.5°	601.9	591.2	580.4	591.2	601.9	591.2	591.2	591.2	591.2	591.2	601.9
60°	559.0	559.0	559.0	559.0	580.4	580.4	580.4	580.4	559.0	569.7	580.4
62.5°	537.5	526.7	526.7	537.5	548.2	548.2	559.0	548.2	537.5	548.2	548.2
65°	494.5	494.5	494.5	505.2	505.2	516.0	516.0	516.0	505.2	516.0	516.0
67.5°	462.2	462.2	462.2	462.2	483.7	483.7	483.7	483.7	473.0	473.0	483.7
70°	408.5	419.2	408.5	430.0	451.5	440.7	451.5	451.5	440.7	430.0	451.5
72.5°	376.2	376.2	376.2	376.2	408.5	408.5	408.5	419.2	408.5	397.7	408.5
75°	333.2	333.2	333.2	344.0	365.5	365.5	365.5	365.5	365.5	354.7	354.7
77.5°	290.2	301.0	290.2	301.0	322.5	311.7	322.5	333.2	322.5	311.7	311.7
80°	247.2	247.2	247.2	258.0	268.7	268.7	268.7	279.5	268.7	258.0	258.0
82.5°	193.5	193.5	204.2	204.2	215.0	215.0	215.0	225.7	215.0	204.2	204.2
85°	150.5	150.5	150.5	161.2	161.2	172.0	172.0	182.7	182.7	172.0	172.0
87.5°	96.7	86.0	96.7	96.7	107.5	107.5	96.7	86.0	96.7	86.0	75.2
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: P598924
 CATALOG NUMBER: IFLD-M-SA4D-730-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3	7739.3
2.5°	7062.1	7255.6	7395.4	7492.1	7631.8	7900.6	8008.1	8201.5	8255.3	8287.5
5°	6073.2	6277.5	6578.4	6793.4	7040.6	7545.8	7932.8	8223.0	8352.0	8470.3
7.5°	4761.8	5030.6	5342.3	5621.8	6030.2	6653.7	7158.9	7760.8	7986.6	8104.8
10°	3719.2	3966.4	4310.4	4654.3	5224.0	5750.8	6470.9	7019.1	7330.9	7416.9
12.5°	3138.7	3429.0	3837.4	4256.6	4611.4	5213.3	5944.2	6739.7	7029.9	7083.6
15°	2665.8	3063.5	3482.7	3912.7	4321.1	4847.8	5632.5	6599.9	7029.9	7083.6
17.5°	2203.6	2558.3	3052.7	3514.9	3987.9	4708.1	5686.3	6718.2	7148.1	7309.4
20°	1752.1	2096.1	2483.0	3063.5	3708.4	4471.6	5804.5	7115.9	7685.6	7857.6
22.5°	1451.1	1601.6	1977.8	2536.8	3300.0	4310.4	5922.7	7739.3	8341.3	8405.8
25°	1268.4	1375.9	1612.4	2139.1	2977.5	4202.9	6202.2	8459.5	9233.5	9233.5
27.5°	1182.4	1225.4	1386.6	1859.6	2751.8	4106.1	6481.7	9255.0	9975.1	10125.6
30°	1160.9	1268.4	1354.4	1655.4	2504.5	3837.4	6739.7	9878.4	10620.1	10630.8
32.5°	1139.4	1117.9	1182.4	1440.4	2203.6	3557.9	6954.6	10512.6	11093.0	11125.3
35°	892.2	935.2	1042.7	1268.4	1977.8	3353.7	7062.1	10856.6	11695.0	11727.2
37.5°	838.4	892.2	978.2	1171.6	1827.3	3181.7	7094.4	11523.0	12329.2	12393.7
40°	816.9	859.9	924.4	1085.7	1709.1	2966.7	7158.9	12210.9	13264.4	13178.4
42.5°	773.9	827.7	892.2	1042.7	1612.4	2805.5	7169.6	12587.2	13758.8	13758.8
45°	763.2	795.4	870.7	1042.7	1504.9	2665.8	6997.6	12963.4	14328.5	14156.5
47.5°	720.2	784.7	849.2	1010.4	1375.9	2526.0	6793.4	13156.9	14403.8	14350.0
50°	709.4	773.9	881.4	956.7	1300.6	2461.5	6750.4	13640.6	14554.2	14543.5
52.5°	687.9	752.4	913.7	913.7	1203.9	2375.5	6954.6	13855.6	14586.5	14672.5
55°	655.7	752.4	849.2	838.4	1117.9	2268.1	7180.4	14414.5	15156.2	15134.7
57.5°	634.2	730.9	806.2	763.2	1021.2	2192.8	7513.6	14952.0	15844.1	15693.6
60°	601.9	730.9	720.2	709.4	945.9	2128.3	7793.1	15059.4	15994.6	16091.4
62.5°	580.4	763.2	634.2	655.7	881.4	2096.1	7674.8	14253.3	15790.4	15876.4
65°	559.0	655.7	580.4	601.9	859.9	2031.6	7212.6	13285.9	14909.0	15285.2
67.5°	516.0	537.5	537.5	559.0	838.4	1881.1	6266.7	11544.5	13565.3	13769.6
70°	473.0	483.7	483.7	516.0	816.9	1709.1	5170.3	9985.9	11770.2	12157.2
72.5°	430.0	430.0	430.0	473.0	752.4	1569.4	4256.6	7674.8	9781.7	10050.4
75°	376.2	376.2	376.2	419.2	677.2	1429.6	3353.7	5707.8	7201.9	7588.8
77.5°	333.2	333.2	322.5	376.2	591.2	1160.9	2418.5	4030.9	5073.6	5396.0
80°	279.5	268.7	268.7	301.0	462.2	838.4	1558.6	2848.5	3536.4	3676.2
82.5°	225.7	215.0	204.2	225.7	333.2	526.7	967.4	1988.6	2268.1	2182.1
85°	215.0	225.7	182.7	172.0	236.5	344.0	612.7	1225.4	1021.2	1021.2
87.5°	86.0	75.2	75.2	64.5	118.2	129.0	268.7	225.7	172.0	172.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)