

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: P599509

Luminaire Tested: **IFLD-L-SA7D-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: P599509
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7D-740-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

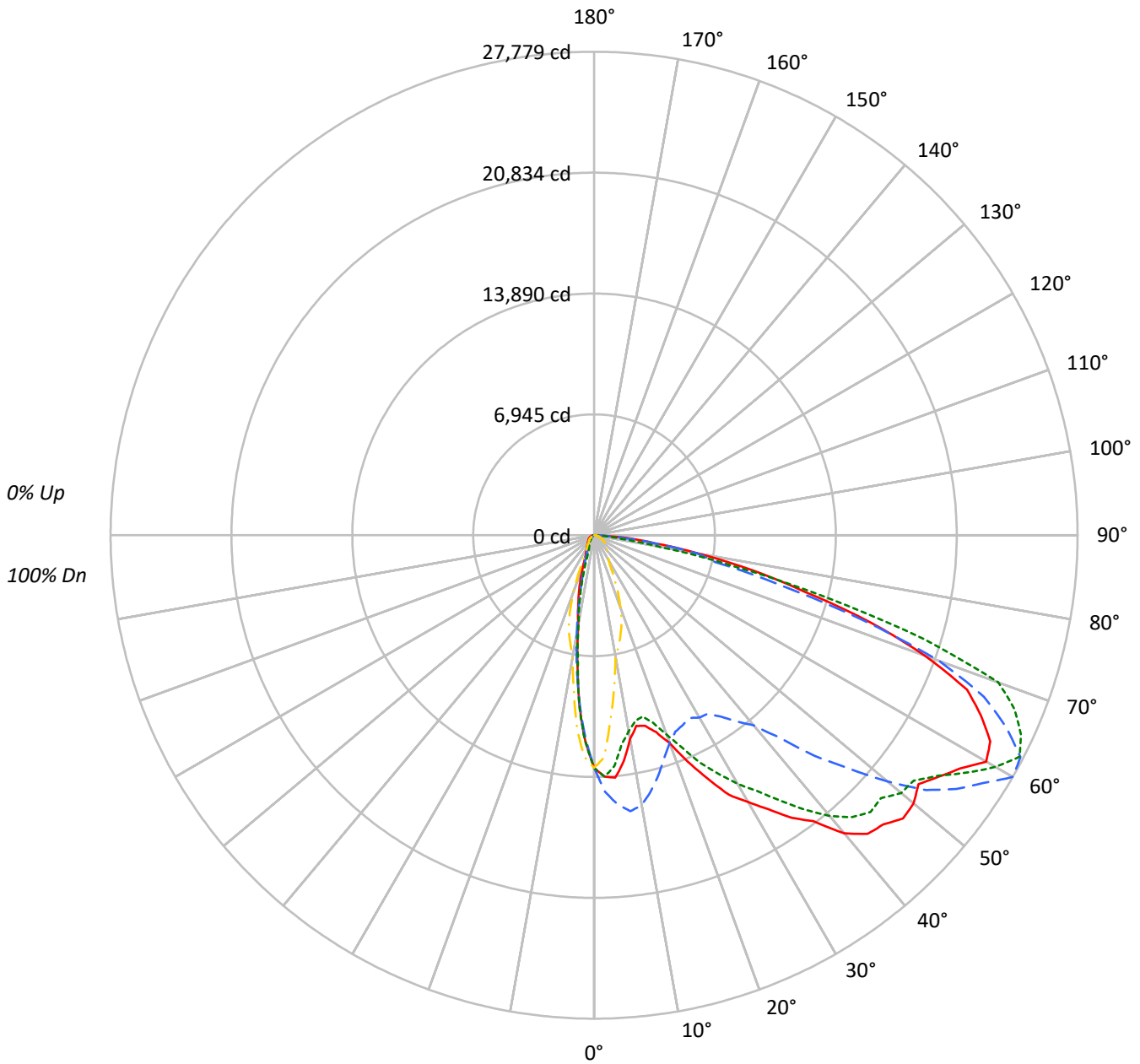
Lumens per Lamp: N/A
 Luminaire Lumens: 35527.7 lumens
 Efficiency: N/A
 Efficacy: 84.1 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 422.6
 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: P599509
CATALOG NUMBER: IFLD-L-SA7D-740-U-SLL-HSS

Luminous Intensity Polar Plot



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

TEST NUMBER: P599509

CATALOG NUMBER: IFLD-L-SA7D-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	102	102	102	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	81	81	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	63	63	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	50	50	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	41	41	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	34	34	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	29	29	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	25	25	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	22	22	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	20	20	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	18	18	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	71893	71893	71893	71893
5°	75550	71911	52537	52844
10°	64966	62477	28724	28050
15°	63170	60051	18660	14061
20°	72812	69769	9998	4999
25°	91551	85636	6479	3887
30°	109960	102472	5248	3184
35°	130215	122173	4301	2556
40°	157105	147907	3799	1933
45°	178865	171066	3538	1300
50°	200655	192871	3495	795
55°	226915	226113	3472	356
60°	280016	286654	3166	102
65°	312439	344577	2900	0
70°	318587	388902	2688	0
75°	259230	286849	2564	0
80°	188484	119969	2647	0
85°	121859	50383	3514	0

TEST NUMBER: P599509
 CATALOG NUMBER: IFLD-L-SA7D-740-U-SLL-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1014.8	2.9
10°-20°	1990.0	5.6
20°-30°	2753.8	7.8
30°-40°	3891.9	11.0
40°-50°	5298.9	14.9
50°-60°	7018.0	19.8
60°-70°	8148.4	22.9
70°-80°	4614.5	13.0
80°-90°	797.3	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°	5758.7	16.2
0°-40°	9650.6	27.2
0°-60°	21967.4	61.8
0°-90°	35527.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	35527.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	13358	13358	13358	13358	13358	
5°	13984	13311	9724	9781	13984	1256
15°	11337	10778	3349	2524	11337	3325
25°	15417	14421	1091	655	15417	7190
35°	19819	18595	655	389	19819	12494
45°	23500	22476	465	171	23500	18219
55°	24183	24098	370	38	24183	21910
65°	24534	27058	228	0	24534	23917
75°	12466	13795	123	0	12466	13606
85°	1973	816	57	0	1973	2371
90°	0	0	0	0	0	

TEST NUMBER: P599509
 CATALOG NUMBER: IFLD-L-SA7D-740-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2
2.5°	13880.0	14174.1	14183.6	14316.4	14449.2	14449.2	14762.3	14686.4	14411.3	14363.8	14164.6
5°	13984.3	14088.7	14164.6	14838.2	15407.4	15350.5	15521.3	15407.4	14876.2	14193.1	13728.2
7.5°	13083.0	13196.9	13500.5	14648.5	15416.9	15673.1	15995.7	15284.1	14724.4	13491.0	12599.2
10°	11887.6	12105.8	12665.6	13974.9	14923.6	15739.5	15739.5	15170.3	14088.7	12883.8	11792.8
12.5°	11223.5	11659.9	11963.5	13291.8	14525.1	15084.9	15065.9	14762.3	14060.2	12542.3	11308.9
15°	11337.4	11460.7	12105.8	13140.0	13955.9	13927.4	14269.0	14174.1	13680.7	12845.9	11489.2
17.5°	11859.2	12048.9	12608.7	13140.0	13528.9	13415.1	13405.6	13861.0	13889.5	13358.2	12162.8
20°	12713.0	13272.8	13538.4	13699.7	13225.4	12741.5	12684.6	13320.2	13813.6	14012.8	12969.2
22.5°	14079.2	14449.2	14990.0	14164.6	12931.2	12324.1	12210.2	12912.3	13908.4	14790.8	14012.8
25°	15416.9	15701.5	16223.4	15160.8	13263.3	12238.7	12039.4	12646.6	14269.0	15872.3	15274.6
27.5°	16830.5	17077.2	17134.1	15891.3	13443.6	12067.9	11830.7	12646.6	14572.6	16441.6	16783.1
30°	17693.9	17988.0	18044.9	16536.4	13737.7	12210.2	12096.4	12703.5	14781.3	16925.4	17864.7
32.5°	18661.6	18737.5	18690.1	16650.3	14060.2	12627.7	12153.3	13083.0	15018.5	17504.1	18851.3
35°	19819.1	19951.9	19468.0	17172.1	14781.3	12893.3	12722.5	13547.9	15426.4	17769.8	20046.8
37.5°	20701.4	21118.8	20027.8	17371.3	14923.6	13453.0	13481.5	14515.6	15711.0	18092.4	21365.5
40°	22361.7	21659.6	20976.5	18054.4	15464.4	14401.8	14250.0	15511.8	16669.3	18301.1	22228.8
42.5°	23272.4	22902.4	21346.5	18120.8	16299.3	15711.0	15749.0	16640.8	17172.1	18889.3	22466.0
45°	23500.1	23111.2	21849.3	18168.3	17124.7	17257.5	17912.1	18082.9	17912.1	19278.3	22911.9
47.5°	24078.9	23234.5	21792.4	18803.9	18462.4	18974.7	19809.6	20179.6	18917.8	19136.0	23120.6
50°	23965.0	23481.2	21669.1	19069.6	20094.2	21450.9	22010.6	21858.8	20037.3	18841.9	22893.0
52.5°	23490.7	22968.9	22048.6	19790.6	21621.7	23263.0	24040.9	23661.4	21033.4	19506.0	22741.2
55°	24183.2	23784.8	22541.9	20767.8	22769.6	24856.8	25407.1	25122.5	22257.3	20122.7	23604.5
57.5°	24932.7	24847.3	23879.6	21915.8	24126.3	26498.1	26498.1	26147.1	23319.9	21014.5	24885.3
60°	26014.3	26204.0	24866.3	22674.7	24591.2	26403.3	27778.9	27371.0	24392.0	22579.9	26336.9
62.5°	25663.3	26270.4	26137.6	24306.6	25122.5	26868.1	27617.6	27921.2	25720.2	24486.8	28272.3
65°	24534.3	25179.4	26128.1	25378.6	24724.0	25739.2	26118.6	27038.9	26384.3	26279.9	29069.2
67.5°	23187.1	23889.1	24477.3	26099.7	23917.6	24591.2	24259.1	24553.2	25663.3	28243.8	29524.6
70°	20246.0	20919.6	21849.3	24496.3	21782.9	21175.7	21090.4	20948.0	22674.7	27541.8	27456.4
72.5°	16650.3	16963.4	18500.3	19913.9	16119.0	16005.1	16138.0	15976.7	17978.5	24932.7	23519.1
75°	12466.4	12779.4	13652.3	15293.6	10976.9	10322.2	11081.2	11830.7	13728.2	19354.2	16897.0
77.5°	9373.5	9772.0	10322.2	11441.7	8054.8	7030.1	7134.5	7846.0	9923.8	15502.3	9468.4
80°	6081.4	6033.9	7096.5	7874.5	6062.4	6252.2	5986.5	6508.3	7191.4	8291.9	4838.5
82.5°	3510.3	3557.8	4003.7	4516.0	4221.9	4829.1	3481.9	5815.7	5132.7	3377.5	1802.6
85°	1973.4	2058.8	2466.7	3130.8	2647.0	1774.1	1451.6	2884.2	3225.7	1385.2	872.8
87.5°	199.2	170.8	332.1	1185.9	721.0	294.1	436.4	692.6	778.0	521.8	256.2
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: P599509
 CATALOG NUMBER: IFLD-L-SA7D-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2
2.5°	13880.0	13880.0	13642.8	13244.3	13083.0	12798.4	12409.4	12532.8	12400.0	11916.1	11792.8
5°	13310.7	12855.3	12362.0	11754.8	11403.8	10682.7	10455.0	10047.1	10113.5	9705.5	9724.5
7.5°	12124.8	11764.3	10929.4	10132.5	9439.9	8813.7	7931.4	7599.4	7276.8	7115.5	7305.3
10°	11432.2	10758.6	9620.2	8576.6	7656.3	7096.5	6508.3	6052.9	5635.5	5322.4	5256.0
12.5°	10929.4	10331.7	8956.0	7684.7	6963.7	6508.3	5967.5	5341.4	4933.4	4392.6	4231.4
15°	10777.6	10047.1	8595.5	7333.7	6631.7	5882.2	5265.5	4648.8	4117.5	3548.3	3349.0
17.5°	11299.4	10455.0	8586.0	7049.1	6062.4	5256.0	4402.1	3709.6	3168.8	2647.0	2523.6
20°	12181.7	10891.5	8861.2	6878.3	5521.6	4440.1	3472.4	2779.8	2172.6	1831.1	1745.7
22.5°	13187.4	11631.5	8889.6	6422.9	4980.9	3624.2	2533.1	1831.1	1489.5	1328.2	1280.8
25°	14420.8	12817.4	9231.2	6052.9	4345.2	2751.3	1802.6	1404.1	1204.9	1110.0	1091.0
27.5°	15435.9	13642.8	9601.2	5663.9	3719.0	2039.8	1413.6	1148.0	1043.6	948.7	939.2
30°	16489.0	14591.5	9705.5	5426.8	3178.3	1679.3	1214.4	1015.1	901.3	853.9	844.4
32.5°	17409.3	15625.7	10037.6	5037.8	2665.9	1480.0	1100.5	910.8	834.9	759.0	749.5
35°	18595.2	16223.4	10198.9	4829.1	2476.2	1337.7	1005.7	834.9	721.0	673.6	654.6
37.5°	19866.5	16802.1	10303.3	4667.8	2314.9	1252.3	948.7	787.4	683.1	616.7	597.7
40°	21052.4	17618.0	10151.5	4468.5	2191.6	1148.0	910.8	730.5	635.7	569.2	540.8
42.5°	21963.2	18414.9	10104.0	4278.8	2058.8	1110.0	863.3	702.1	597.7	521.8	512.3
45°	22475.5	18955.7	9772.0	4127.0	1954.4	1129.0	844.4	664.1	569.2	502.8	464.9
47.5°	22352.2	19373.2	9857.3	4079.6	1812.1	1053.1	834.9	635.7	521.8	464.9	436.4
50°	23035.3	20217.5	9715.0	3927.8	1707.7	948.7	910.8	635.7	512.3	445.9	417.4
52.5°	23149.1	20986.0	10018.6	3652.6	1546.4	872.8	901.3	626.2	493.3	426.9	389.0
55°	24097.8	21877.8	10606.8	3500.8	1413.6	759.0	825.4	607.2	445.9	389.0	370.0
57.5°	25388.1	23727.8	10986.3	3358.5	1233.4	664.1	692.6	597.7	408.0	360.5	332.1
60°	26631.0	24467.9	11014.8	3102.4	1062.6	597.7	540.8	597.7	379.5	322.6	294.1
62.5°	27560.7	24467.9	10825.1	2884.2	929.8	531.3	474.4	569.2	341.5	284.6	265.6
65°	27057.9	23813.2	10331.7	2703.9	844.4	464.9	408.0	436.4	303.6	246.7	227.7
67.5°	26156.6	21773.4	9240.7	2485.7	834.9	408.0	351.0	322.6	265.6	218.2	199.2
70°	24714.5	19022.1	7694.2	2239.0	815.9	370.0	313.1	275.1	237.2	189.7	170.8
72.5°	19913.9	15711.0	6318.6	2096.7	796.9	322.6	265.6	237.2	199.2	161.3	142.3
75°	13794.6	10037.6	4867.0	1793.1	778.0	294.1	246.7	208.7	170.8	132.8	123.3
77.5°	8273.0	6707.6	3140.3	1347.2	512.3	237.2	208.7	161.3	142.3	113.8	104.4
80°	3870.8	3168.8	1271.3	521.8	246.7	170.8	142.3	123.3	113.8	94.9	85.4
82.5°	1518.0	1337.7	616.7	303.6	199.2	132.8	113.8	104.4	94.9	75.9	66.4
85°	815.9	721.0	294.1	208.7	142.3	94.9	94.9	85.4	75.9	66.4	56.9
87.5°	180.3	132.8	123.3	123.3	104.4	75.9	75.9	66.4	56.9	47.4	37.9
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: P599509
 CATALOG NUMBER: IFLD-L-SA7D-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2
2.5°	11726.4	11868.7	11641.0	11783.3	11584.0	11735.8	11754.8	11612.5	11650.5	11840.2	11925.6
5°	9990.2	9895.3	9686.6	9620.2	9629.7	9506.3	9553.8	9620.2	9724.5	9781.4	9952.2
7.5°	7200.9	7419.1	7409.6	7570.9	7580.4	7561.4	7428.6	7144.0	7238.8	7162.9	7257.8
10°	5151.6	5246.5	5426.8	5531.1	5720.9	5616.5	5312.9	5199.1	5142.1	5132.7	5227.5
12.5°	4117.5	3889.8	3870.8	3908.8	4003.7	3880.3	3728.5	3595.7	3662.1	3794.9	3899.3
15°	3187.7	2998.0	2751.3	2713.4	2732.4	2675.4	2514.1	2343.4	2390.8	2523.6	2599.5
17.5°	2447.7	2229.5	2058.8	1944.9	1907.0	1707.7	1470.5	1328.2	1290.3	1280.8	1347.2
20°	1650.8	1612.8	1584.4	1442.1	1442.1	1157.5	958.2	853.9	853.9	872.8	882.3
22.5°	1233.4	1185.9	1195.4	1166.9	1091.0	863.3	759.0	730.5	730.5	749.5	749.5
25°	1072.1	1005.7	986.7	977.2	901.3	740.0	664.1	635.7	635.7	654.6	654.6
27.5°	910.8	891.8	863.3	825.4	759.0	635.7	588.2	559.8	569.2	578.7	569.2
30°	834.9	787.4	749.5	749.5	673.6	569.2	531.3	512.3	493.3	512.3	521.8
32.5°	740.0	711.6	692.6	664.1	578.7	502.8	464.9	445.9	436.4	436.4	445.9
35°	635.7	635.7	616.7	578.7	502.8	455.4	408.0	389.0	379.5	389.0	389.0
37.5°	569.2	540.8	550.3	512.3	445.9	398.5	351.0	332.1	332.1	322.6	332.1
40°	531.3	483.9	455.4	436.4	398.5	341.5	303.6	284.6	275.1	275.1	275.1
42.5°	474.4	436.4	379.5	370.0	360.5	294.1	246.7	237.2	227.7	218.2	218.2
45°	445.9	389.0	341.5	294.1	294.1	246.7	208.7	189.7	180.3	170.8	180.3
47.5°	408.0	351.0	294.1	246.7	237.2	199.2	161.3	142.3	132.8	132.8	132.8
50°	389.0	313.1	256.2	208.7	180.3	161.3	123.3	104.4	94.9	94.9	94.9
52.5°	360.5	294.1	227.7	180.3	142.3	123.3	94.9	75.9	66.4	66.4	66.4
55°	322.6	265.6	199.2	151.8	123.3	94.9	66.4	47.4	37.9	37.9	37.9
57.5°	303.6	237.2	170.8	132.8	94.9	66.4	37.9	28.5	28.5	19.0	28.5
60°	275.1	208.7	142.3	104.4	75.9	47.4	28.5	9.5	9.5	9.5	9.5
62.5°	237.2	180.3	123.3	85.4	56.9	28.5	9.5	0.0	0.0	0.0	0.0
65°	199.2	142.3	94.9	66.4	37.9	9.5	0.0	0.0	0.0	0.0	0.0
67.5°	170.8	123.3	75.9	47.4	28.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	151.8	104.4	56.9	37.9	9.5	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	123.3	85.4	47.4	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	104.4	66.4	28.5	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	85.4	47.4	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	66.4	37.9	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	56.9	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	37.9	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.5	9.5	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: P599509
 CATALOG NUMBER: IFLD-L-SA7D-740-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2	13358.2
2.5°	12048.9	11992.0	12276.6	12741.5	12978.7	13443.6	13557.4	13851.5	13775.6	13880.0
5°	9971.2	10085.0	10502.5	11185.6	11432.2	12105.8	12741.5	13377.2	13785.1	13984.3
7.5°	7400.1	7779.6	8291.9	8918.1	9553.8	10436.1	11517.6	12257.6	12656.1	13083.0
10°	5512.1	5920.1	6508.3	7125.0	8159.1	9145.8	10227.4	11147.6	11489.2	11887.6
12.5°	4335.7	4971.4	5654.5	6318.6	6935.2	7874.5	9212.2	10549.9	10919.9	11223.5
15°	3017.0	3794.9	4772.1	5635.5	6498.8	7314.7	8699.9	10322.2	10825.1	11337.4
17.5°	1669.8	2286.4	3406.0	4620.3	5891.6	7144.0	8870.7	10739.7	11498.7	11859.2
20°	967.7	1214.4	2011.3	3453.4	5132.7	6774.0	8956.0	11527.1	12532.8	12713.0
22.5°	796.9	882.3	1138.5	2163.1	4202.9	6536.8	9392.5	12627.7	13652.3	14079.2
25°	683.1	749.5	882.3	1299.8	3178.3	6033.9	9667.6	14003.3	14952.0	15416.9
27.5°	607.2	673.6	778.0	958.2	2163.1	5341.4	10123.0	15246.2	16194.9	16830.5
30°	531.3	588.2	692.6	815.9	1499.0	4563.4	10512.0	16156.9	17494.7	17693.9
32.5°	474.4	521.8	597.7	702.1	1110.0	3462.9	10825.1	17096.2	18225.2	18661.6
35°	408.0	464.9	512.3	597.7	844.4	2609.0	10635.3	17826.7	19297.3	19819.1
37.5°	360.5	398.5	445.9	502.8	711.6	2039.8	10246.3	18699.5	20217.5	20701.4
40°	303.6	332.1	389.0	445.9	645.1	1574.9	9800.4	19752.6	21507.8	22361.7
42.5°	256.2	284.6	322.6	417.4	531.3	1166.9	8899.1	20568.6	22551.4	23272.4
45°	199.2	237.2	294.1	417.4	426.9	863.3	7969.4	21175.7	23139.6	23500.1
47.5°	151.8	189.7	284.6	360.5	341.5	597.7	6868.8	21868.3	23746.8	24078.9
50°	113.8	151.8	322.6	313.1	284.6	455.4	6176.3	22352.2	23784.8	23965.0
52.5°	75.9	113.8	265.6	237.2	237.2	398.5	5986.5	22333.2	23879.6	23490.7
55°	56.9	85.4	151.8	170.8	208.7	351.0	5815.7	23044.8	23908.1	24183.2
57.5°	37.9	66.4	104.4	132.8	180.3	303.6	5464.7	23898.6	24790.4	24932.7
60°	19.0	47.4	75.9	104.4	151.8	265.6	4971.4	24524.8	25862.5	26014.3
62.5°	9.5	28.5	56.9	85.4	123.3	208.7	4459.1	23528.6	25397.6	25663.3
65°	0.0	19.0	37.9	56.9	75.9	151.8	3624.2	21242.2	23557.1	24534.3
67.5°	0.0	0.0	19.0	37.9	47.4	113.8	2732.4	19325.7	21858.8	23187.1
70°	0.0	0.0	9.5	9.5	28.5	85.4	1745.7	16005.1	19515.5	20246.0
72.5°	0.0	0.0	0.0	0.0	9.5	56.9	1015.1	11887.6	15293.6	16650.3
75°	0.0	0.0	0.0	0.0	0.0	47.4	512.3	7646.8	10644.8	12466.4
77.5°	0.0	0.0	0.0	0.0	0.0	37.9	275.1	4933.4	7846.0	9373.5
80°	0.0	0.0	0.0	0.0	0.0	9.5	161.3	2865.2	5018.8	6081.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	66.4	1404.1	2998.0	3510.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	19.0	749.5	1499.0	1973.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.5	104.4	199.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)