

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: P599253

Luminaire Tested: **IFLD-L-SA8D-740-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599253
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8D-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 4000K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

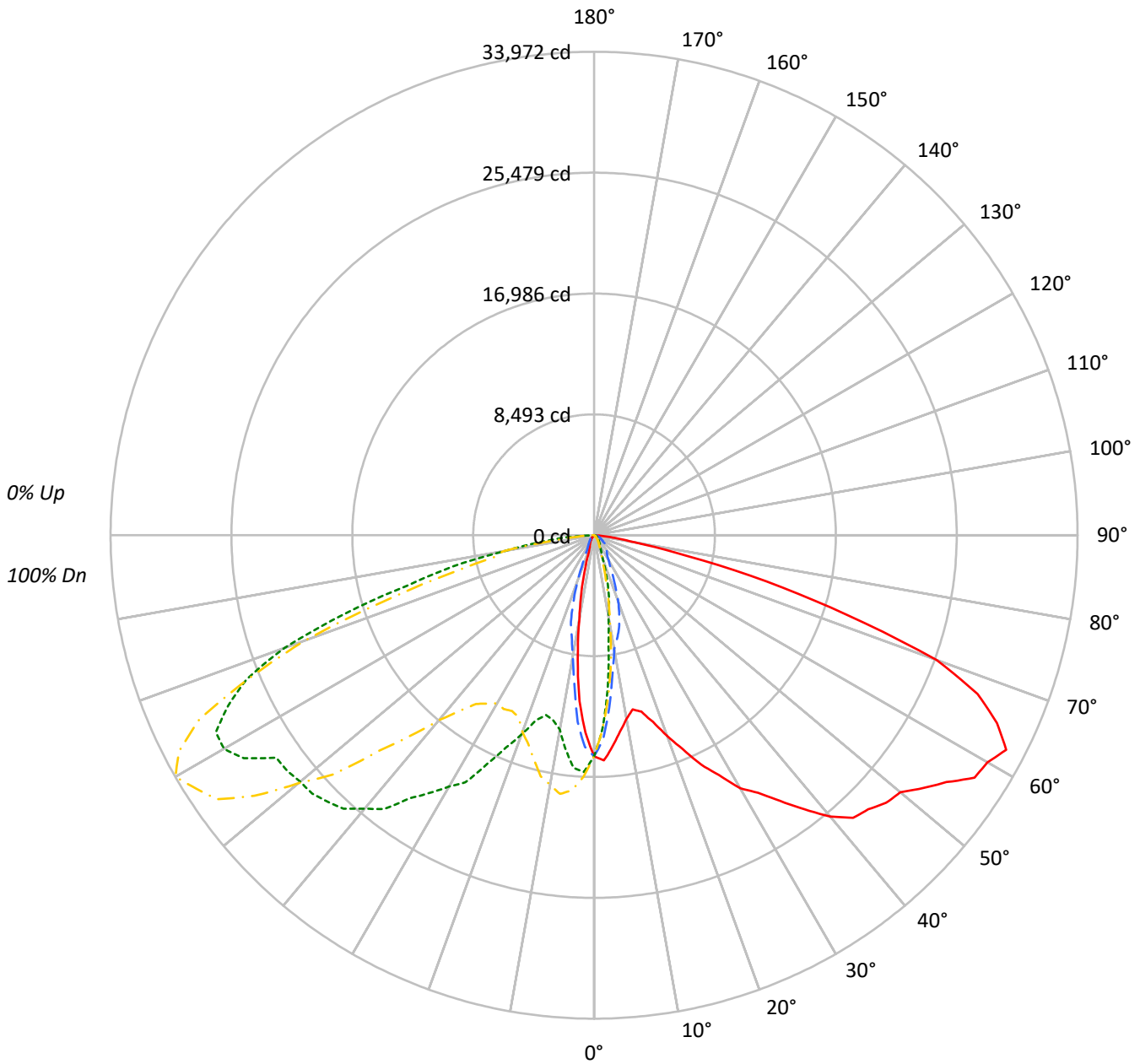
Lumens per Lamp: N/A
 Luminaire Lumens: 40607.4 lumens
 Efficiency: N/A
 Efficacy: 83.2 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 488.3
 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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CATALOG NUMBER: IFLD-L-SA8D-740-U-SLR-HSS

Luminous Intensity Polar Plot



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

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 CATALOG NUMBER: IFLD-L-SA8D-740-U-SLR-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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79				
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62				
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49				
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40				
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33				
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27				
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24				
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20				
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18				
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	83551	83551	83551	83551
5°	80439	58792	63287	88661
10°	71617	32009	32428	75805
15°	71492	21350	13054	72834
20°	85840	10660	5204	85339
25°	105581	6696	4031	105060
30°	127569	5375	3062	126752
35°	149686	4316	2374	148175
40°	181215	3692	1539	176215
45°	207319	3333	833	201569
50°	235213	3208	183	225589
55°	283730	3081	0	255789
60°	343512	2593	0	323125
65°	397765	2091	0	361515
70°	402778	1723	0	364532
75°	260665	1137	0	279560
80°	88902	338	0	197822
85°	44621	0	0	145350

TEST NUMBER: P599253
 CATALOG NUMBER: IFLD-L-SA8D-740-U-SLR-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1176.0	2.9
10°-20°	2277.1	5.6
20°-30°	3171.5	7.8
30°-40°	4506.3	11.1
40°-50°	6248.9	15.4
50°-60°	8514.5	21.0
60°-70°	9361.0	23.1
70°-80°	4600.9	11.3
80°-90°	751.3	1.9
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°	6624.5	16.3
0°-40°	11130.8	27.4
0°-60°	25894.2	63.8
0°-90°	40607.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	40607.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	15524	15524	15524	15524	15524	
5°	14889	10882	11714	16411	14889	1362
15°	12831	3832	2343	13072	12831	3798
25°	17780	1128	679	17692	17780	8266
35°	22783	657	361	22553	22783	14462
45°	27238	438	110	26483	27238	21115
55°	30238	328	0	27260	30238	27201
65°	31234	164	0	28388	31234	30185
75°	12535	55	0	13444	12535	13666
85°	723	0	0	2354	723	999
90°	0	0	0	0	0	

TEST NUMBER: P599253
 CATALOG NUMBER: IFLD-L-SA8D-740-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2
2.5°	15841.7	16027.8	15852.6	15239.5	15130.1	14834.5	14385.6	14352.8	13882.0	13936.7	13684.9
5°	14889.2	15075.3	14703.1	13892.9	13137.5	12535.4	12174.1	11528.2	11385.9	11068.4	11068.4
7.5°	13914.8	13903.9	13268.9	12590.1	11462.5	10356.8	9853.1	8922.6	8375.2	8079.6	7794.9
10°	13104.7	12929.5	12535.4	11134.1	9907.9	8758.4	8134.3	7521.2	6951.9	6459.3	5966.6
12.5°	12535.4	12644.9	12020.8	10499.1	8911.6	8112.4	7444.6	6798.7	6119.9	5561.6	5014.2
15°	12831.0	12655.8	11922.3	10356.8	8747.4	7652.6	6765.8	5977.6	5222.2	4488.7	4072.6
17.5°	13750.6	13301.8	12436.9	10356.8	8408.0	6951.9	5879.0	4948.5	4138.3	3481.4	2966.9
20°	14987.7	14473.2	13542.6	10739.9	8156.2	6437.4	4970.4	3798.9	2955.9	2342.9	1948.7
22.5°	16257.7	15852.6	14451.3	10893.2	7860.6	5747.7	3919.4	2747.9	1970.6	1576.5	1379.4
25°	17779.5	17210.2	15677.5	11506.3	7422.7	5079.8	3087.3	1915.9	1467.0	1259.0	1138.6
27.5°	18994.7	18896.1	16827.0	11878.5	7094.3	4532.4	2441.4	1521.8	1215.2	1062.0	985.3
30°	20527.4	19990.9	18228.3	12623.0	6722.0	3908.4	2036.3	1368.5	1116.7	952.5	897.7
32.5°	21447.0	21195.2	18961.8	13039.0	6306.0	3393.9	1751.7	1204.3	1018.2	897.7	843.0
35°	22782.7	22279.1	20012.8	13301.8	6087.1	3098.3	1576.5	1094.8	853.9	733.5	667.8
37.5°	24271.6	24085.5	21271.9	13290.8	5769.6	2923.1	1456.1	1018.2	810.1	678.8	602.1
40°	25793.4	25037.9	22038.2	13597.3	5605.3	2791.7	1368.5	974.4	766.4	645.9	547.4
42.5°	26931.9	26067.1	22925.0	13487.9	5408.3	2561.8	1335.6	908.7	733.5	591.2	503.6
45°	27238.5	26931.9	23724.2	13455.0	5266.0	2375.7	1280.9	897.7	711.6	558.3	470.8
47.5°	27829.7	27621.7	24709.5	13509.8	5156.5	2233.4	1149.5	919.6	678.8	525.5	448.9
50°	28092.4	27720.2	25508.7	13641.1	4904.7	2058.2	1029.1	963.4	667.8	514.6	427.0
52.5°	29176.3	28847.8	26603.5	14013.4	4696.7	1828.3	908.7	919.6	689.7	481.7	405.1
55°	30238.2	29866.0	28289.5	14867.3	4401.1	1642.2	777.3	810.1	656.9	437.9	361.3
57.5°	31694.3	31081.2	29417.1	15217.6	4138.3	1390.4	689.7	667.8	613.1	394.1	317.5
60°	31913.3	32165.1	29252.9	14998.7	3864.6	1226.2	602.1	514.6	656.9	350.3	273.7
62.5°	32646.8	31595.8	28486.5	14495.1	3667.6	1127.6	536.4	427.0	569.3	306.5	229.9
65°	31234.5	30457.2	26691.1	12874.8	3415.8	1138.6	470.8	350.3	361.3	251.8	186.1
67.5°	29165.3	28552.2	23713.2	11112.2	3164.0	1116.7	416.0	306.5	273.7	219.0	164.2
70°	25596.3	24271.6	20144.2	9021.1	2791.7	1040.1	350.3	273.7	229.9	175.2	120.4
72.5°	18622.5	18086.0	14451.3	6973.8	2507.1	941.5	328.4	229.9	197.1	131.4	98.5
75°	12535.4	11648.6	9119.6	4576.2	2014.4	821.1	273.7	208.0	153.3	98.5	76.6
77.5°	6623.5	6262.2	5167.4	2178.6	1116.7	383.2	153.3	120.4	87.6	76.6	43.8
80°	2868.4	2550.9	2233.4	886.8	394.1	175.2	98.5	65.7	54.7	43.8	21.9
82.5°	1467.0	1401.3	1160.5	383.2	229.9	131.4	54.7	43.8	32.8	21.9	10.9
85°	722.6	744.5	613.1	120.4	131.4	76.6	10.9	10.9	0.0	0.0	0.0
87.5°	54.7	54.7	43.8	21.9	32.8	10.9	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: P599253
 CATALOG NUMBER: IFLD-L-SA8D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2
2.5°	13586.4	13739.7	13476.9	13641.1	13564.5	13597.3	13630.2	13542.6	13564.5	13871.0	13882.0
5°	10882.3	11177.8	11068.4	11221.6	11484.4	11353.0	11473.4	11451.5	11473.4	11517.2	11714.3
7.5°	7762.1	7674.5	7882.5	8287.6	8758.4	9043.0	8900.7	8824.0	8780.3	8670.8	8802.1
10°	5857.1	5813.4	5758.6	5879.0	6185.6	6503.1	6678.2	6382.7	6218.4	6010.4	5933.8
12.5°	4860.9	4587.2	4433.9	4247.8	4335.4	4620.0	4631.0	4346.3	4083.6	3974.1	4094.5
15°	3831.8	3645.7	3372.0	3109.2	2977.8	3196.8	3010.7	2737.0	2397.6	2353.8	2342.9
17.5°	2737.0	2627.5	2430.4	2321.0	2167.7	2113.0	1915.9	1499.9	1259.0	1193.3	1215.2
20°	1861.2	1773.6	1762.6	1664.1	1598.4	1554.6	1237.1	963.4	886.8	897.7	908.7
22.5°	1379.4	1335.6	1280.9	1270.0	1215.2	1160.5	908.7	810.1	755.4	755.4	788.3
25°	1127.6	1105.7	1051.0	1029.1	1007.2	930.6	766.4	689.7	667.8	645.9	678.8
27.5°	963.4	952.5	919.6	886.8	864.9	788.3	667.8	602.1	580.2	580.2	580.2
30°	864.9	864.9	821.1	755.4	755.4	667.8	569.3	525.5	503.6	503.6	492.7
32.5°	810.1	788.3	733.5	689.7	656.9	569.3	503.6	459.8	427.0	427.0	437.9
35°	656.9	656.9	645.9	613.1	569.3	481.7	427.0	383.2	361.3	350.3	361.3
37.5°	580.2	547.4	503.6	514.6	492.7	416.0	361.3	328.4	295.6	295.6	295.6
40°	525.5	492.7	448.9	416.0	405.1	372.2	317.5	262.8	229.9	219.0	219.0
42.5°	470.8	448.9	383.2	328.4	317.5	317.5	240.9	197.1	164.2	164.2	164.2
45°	437.9	405.1	350.3	284.6	229.9	240.9	197.1	142.3	120.4	109.5	109.5
47.5°	416.0	383.2	306.5	240.9	175.2	175.2	142.3	98.5	76.6	65.7	65.7
50°	383.2	350.3	273.7	197.1	131.4	109.5	87.6	54.7	32.8	21.9	21.9
52.5°	361.3	328.4	240.9	164.2	109.5	76.6	54.7	10.9	0.0	0.0	0.0
55°	328.4	284.6	208.0	131.4	87.6	43.8	10.9	0.0	0.0	0.0	0.0
57.5°	284.6	251.8	164.2	98.5	54.7	10.9	0.0	0.0	0.0	0.0	0.0
60°	240.9	208.0	131.4	76.6	21.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	197.1	175.2	98.5	43.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	164.2	131.4	76.6	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	142.3	109.5	54.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	109.5	76.6	32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	76.6	54.7	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	54.7	32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	32.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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: P599253
 CATALOG NUMBER: IFLD-L-SA8D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2
2.5°	13925.8	14254.2	14560.8	14648.3	14889.2	15557.0	15557.0	15874.5	16443.8	16651.8	16695.6
5°	11747.1	12097.5	12163.2	12841.9	13159.4	13838.2	14287.1	15360.0	16005.9	16411.0	16662.8
7.5°	8933.5	9053.9	9305.8	9940.7	10564.8	11385.9	12239.8	13608.3	14746.9	15206.7	16060.6
10°	6141.8	6503.1	7050.5	7619.8	8594.1	9502.8	10608.6	11900.4	13301.8	13871.0	14604.6
12.5°	4138.3	4641.9	5517.8	6327.9	7225.6	8145.3	9196.3	10926.0	12513.5	13301.8	14035.3
15°	2419.5	3032.6	3788.0	5101.7	6295.1	7324.2	8375.2	10126.8	12053.7	13071.8	13969.6
17.5°	1226.2	1412.3	2036.3	3174.9	4751.4	6437.4	8002.9	10236.3	12404.0	13652.1	14396.5
20°	919.6	974.4	1149.5	1686.0	3251.5	5320.7	7652.6	10400.5	13378.4	14900.2	15305.2
22.5°	799.2	843.0	919.6	1094.8	1828.3	4072.6	7160.0	10805.6	14703.1	16137.3	16991.2
25°	678.8	722.6	788.3	897.7	1171.4	2769.8	6557.8	11232.6	15885.5	17691.9	18491.1
27.5°	591.2	624.0	689.7	777.3	952.5	1762.6	5517.8	11801.9	17691.9	19574.9	19782.9
30°	503.6	536.4	591.2	689.7	810.1	1248.1	4050.7	11878.5	18688.1	20396.0	20976.3
32.5°	437.9	448.9	514.6	602.1	678.8	985.3	2846.5	11955.2	19421.7	21458.0	21578.4
35°	361.3	383.2	448.9	503.6	591.2	777.3	2156.7	11572.0	20374.1	22552.8	22519.9
37.5°	295.6	328.4	372.2	416.0	481.7	656.9	1718.8	10860.4	21567.4	24249.7	23220.6
40°	229.9	262.8	306.5	361.3	405.1	591.2	1291.9	9787.5	22815.5	25081.7	23986.9
42.5°	164.2	186.1	229.9	284.6	361.3	492.7	930.6	8517.5	23308.2	26056.1	24906.6
45°	120.4	142.3	175.2	240.9	372.2	394.1	645.9	7357.0	23833.7	26483.1	24698.6
47.5°	65.7	87.6	131.4	208.0	328.4	295.6	459.8	6317.0	24435.8	26866.3	24862.8
50°	21.9	32.8	76.6	219.0	262.8	229.9	361.3	5758.6	25027.0	26942.9	25191.2
52.5°	0.0	0.0	43.8	229.9	197.1	175.2	317.5	5539.7	24873.7	27183.7	24983.2
55°	0.0	0.0	10.9	98.5	109.5	131.4	262.8	5528.7	25957.6	27260.4	26121.8
57.5°	0.0	0.0	0.0	32.8	65.7	109.5	229.9	5178.4	26647.3	29165.3	27654.5
60°	0.0	0.0	0.0	10.9	43.8	76.6	175.2	4871.8	27348.0	30019.3	29296.7
62.5°	0.0	0.0	0.0	0.0	10.9	32.8	120.4	4401.1	25935.7	29953.6	30884.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	76.6	3481.4	23330.1	28388.0	30008.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	43.8	2408.5	20428.9	26417.4	28399.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1456.1	16487.6	23165.8	24085.5
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	624.0	11769.0	18392.5	19761.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	251.8	7280.4	13444.1	15130.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.5	4718.6	10181.6	11484.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9	2518.0	6382.7	7422.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1094.8	3875.6	4466.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.3	2353.8	2682.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	361.3	481.7
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: P599253
 CATALOG NUMBER: IFLD-L-SA8D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2	15524.2
2.5°	16717.5	17035.0	17155.4	16969.3	16991.2	16608.0	16553.3	16016.8	15797.9	15841.7
5°	17483.9	17943.7	18195.5	17987.5	17516.7	16783.2	16115.4	15480.4	15086.3	14889.2
7.5°	17308.7	17823.3	18140.7	18337.8	17801.4	16619.0	15600.8	14407.5	13903.9	13914.8
10°	16345.3	17418.2	18064.1	17812.3	17560.5	16378.1	14801.6	13509.8	13060.9	13104.7
12.5°	15568.0	16761.3	17144.5	17341.5	16827.0	15885.5	14823.5	13345.5	12841.9	12535.4
15°	15086.3	15973.0	15994.9	16301.5	16093.5	16093.5	15053.4	13608.3	13170.4	12831.0
17.5°	15086.3	15283.3	15261.4	15370.9	15721.2	16137.3	15633.7	14670.2	13805.4	13750.6
20°	15425.7	14812.6	14670.2	14714.0	15009.6	16246.7	16914.6	15710.3	15162.9	14987.7
22.5°	16213.9	14867.3	14002.4	13849.1	14757.8	16235.8	17735.7	17352.5	16400.0	16257.7
25°	17297.8	14768.8	13827.3	13630.2	14319.9	16629.9	18863.3	18939.9	18075.1	17779.5
27.5°	18326.9	15206.7	13805.4	13761.6	14670.2	16542.3	19640.6	20209.9	19235.5	18994.7
30°	18677.2	15644.6	14210.4	13630.2	14801.6	16859.8	19618.7	21107.6	20472.7	20527.4
32.5°	19093.2	16082.5	14254.2	14024.3	15360.0	17374.4	20242.7	22552.8	22092.9	21447.0
35°	19706.3	16673.7	14670.2	14462.2	15754.1	17834.2	20374.1	23614.7	23538.1	22782.7
37.5°	20231.8	17254.0	15535.1	15568.0	16958.4	18578.7	20954.4	24917.5	24786.1	24271.6
40°	20604.0	18064.1	16881.7	16969.3	18009.4	19410.7	21983.5	25574.4	26548.8	25793.4
42.5°	20658.8	18786.7	18425.4	19126.1	20100.4	20702.6	22399.5	26023.3	27424.6	26931.9
45°	20866.8	19936.2	20943.4	21458.0	22257.2	21841.1	22377.6	26789.6	27490.3	27238.5
47.5°	21676.9	22027.3	23297.2	24862.8	25147.4	23778.9	22903.1	26910.0	27862.5	27829.7
50°	22519.9	24271.6	26056.1	27096.2	27457.4	25114.6	23395.8	26811.5	28355.2	28092.4
52.5°	23461.4	26220.3	28793.1	30074.0	29876.9	26592.6	23954.1	27610.7	29263.9	29176.3
55°	24052.6	27096.2	30555.7	32340.2	32187.0	28245.7	25727.7	28760.2	30457.2	30238.2
57.5°	25618.2	28519.4	32307.4	33139.4	33544.5	30413.4	26964.8	30643.3	31453.4	31694.3
60°	26910.0	29450.0	32767.2	33971.5	34113.8	31705.2	29132.5	32581.1	32723.4	31913.3
62.5°	28804.0	29811.2	31792.8	32876.7	33610.2	32438.8	31081.2	33621.1	32701.5	32646.8
65°	30194.4	28628.9	29975.5	30577.6	31048.4	31322.1	33040.9	34332.7	32296.4	31234.5
67.5°	29417.1	26395.5	26143.7	26176.5	26318.9	27972.0	32384.0	32592.0	30041.2	29165.3
70°	25891.9	21655.0	21315.6	21578.4	20866.8	22859.3	29723.7	29625.1	26505.0	25596.3
72.5°	20943.4	15786.9	15206.7	15568.0	15732.2	17845.1	25005.1	22465.2	19334.1	18622.5
75°	16640.9	11572.0	9765.6	10641.4	11199.7	12995.2	19531.1	15261.4	13498.8	12535.4
77.5°	13071.8	8758.4	7597.9	7247.5	7762.1	9448.1	14210.4	8013.9	7072.4	6623.5
80°	8287.6	6437.4	6984.8	6481.2	6700.1	6743.9	7400.8	3645.7	2901.2	2868.4
82.5°	4992.3	4401.1	5233.1	2879.3	5244.1	4685.7	3076.4	1653.1	1467.0	1467.0
85°	3536.2	2726.0	1806.4	1171.4	2331.9	2572.8	1193.3	853.9	744.5	722.6
87.5°	1773.6	843.0	405.1	262.8	295.6	481.7	142.3	65.7	65.7	54.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)