

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: P599310

Luminaire Tested: **IFLD-L-SA8C-760-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: P599310
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8C-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 5700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

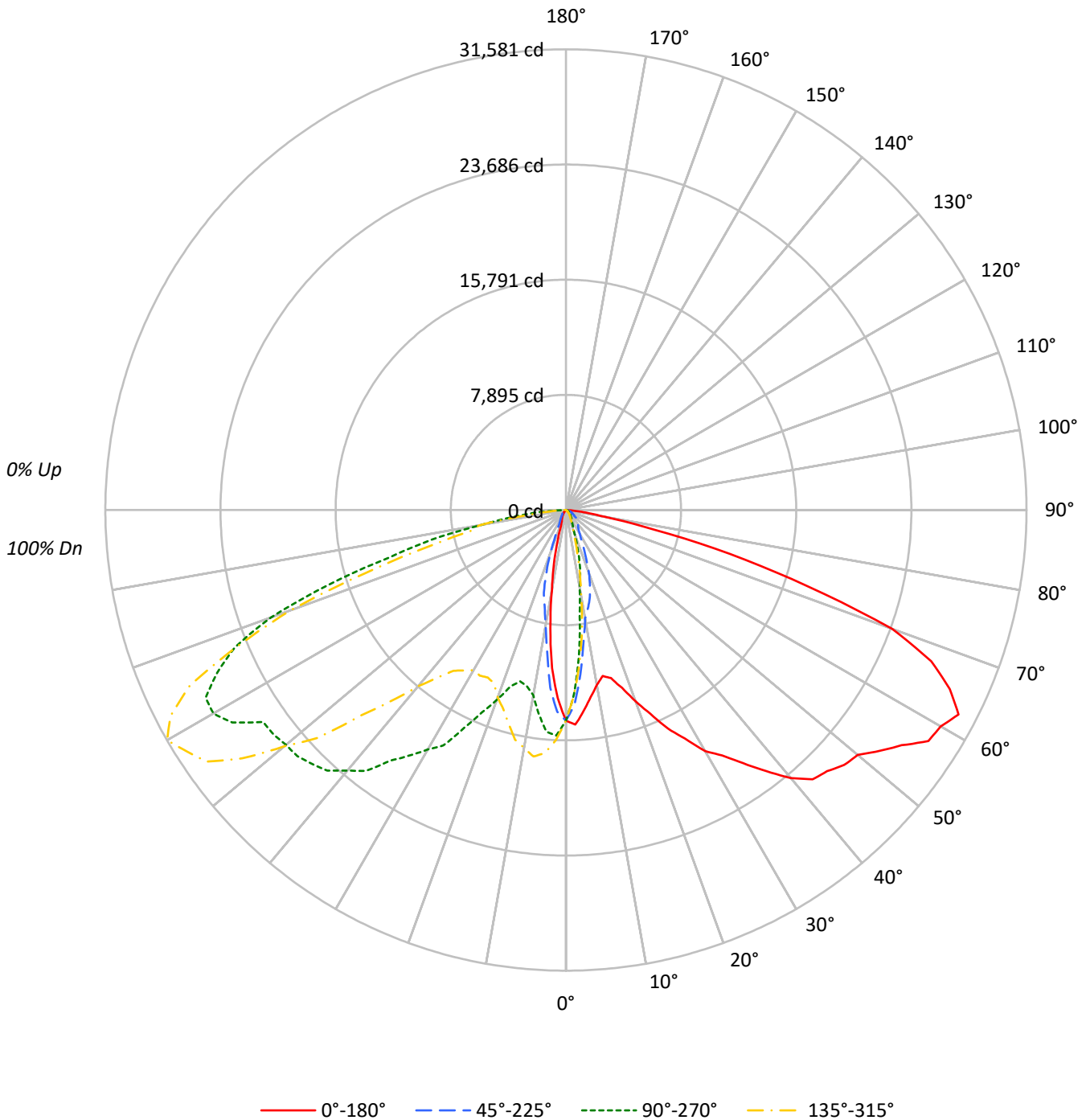
Lumens per Lamp: N/A
 Luminaire Lumens: 37749.5 lumens
 Efficiency: N/A
 Efficacy: 89.8 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 420.3
 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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Luminous Intensity Polar Plot



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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	50	30	10	0		
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100					100			
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79					79			
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62					62			
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49					49			
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40					40			
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33					33			
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27					27			
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24					24			
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20					20			
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18					18			
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16					16			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	77670	77670	77670	77670
5°	74778	54654	58833	82421
10°	66577	29756	30146	70470
15°	66461	19847	12135	67708
20°	79799	9909	4838	79333
25°	98150	6225	3747	97666
30°	118590	4996	2846	117832
35°	139151	4012	2207	137747
40°	168461	3432	1430	163813
45°	192728	3099	775	187383
50°	218659	2982	171	209712
55°	263761	2865	0	237786
60°	319335	2410	0	300383
65°	369770	1945	0	336073
70°	374430	1602	0	338878
75°	242320	1058	0	259885
80°	82644	316	0	183897
85°	41478	0	0	135117

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1093.2	2.9
10°-20°	2116.8	5.6
20°-30°	2948.3	7.8
30°-40°	4189.1	11.1
40°-50°	5809.1	15.4
50°-60°	7915.2	21.0
60°-70°	8702.2	23.1
70°-80°	4277.1	11.3
80°-90°	698.4	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°	6158.3	16.3
0°-40°	10347.4	27.4
0°-60°	24071.8	63.8
0°-90°	37749.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	37749.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	14432	14432	14432	14432	14432	
5°	13841	10116	10890	15256	13841	1267
15°	11928	3562	2178	12152	11928	3530
25°	16528	1048	631	16447	16528	7684
35°	21179	611	336	20966	21179	13444
45°	25322	407	102	24619	25322	19629
55°	28110	305	0	25342	28110	25287
65°	29036	153	0	26390	29036	28060
75°	11653	51	0	12498	11653	12704
85°	672	0	0	2188	672	929
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°	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6
2.5°	14726.8	14899.8	14736.9	14167.0	14065.2	13790.4	13373.2	13342.6	12905.0	12955.9	12721.8
5°	13841.3	14014.3	13668.3	12915.2	12212.9	11653.2	11317.3	10716.8	10584.5	10289.4	10289.4
7.5°	12935.5	12925.3	12335.1	11704.1	10655.8	9627.9	9159.7	8294.6	7785.7	7510.9	7246.3
10°	12182.4	12019.6	11653.2	10350.5	9210.6	8141.9	7561.8	6991.9	6462.7	6004.7	5546.7
12.5°	11653.2	11754.9	11174.8	9760.2	8284.4	7541.5	6920.7	6320.2	5689.2	5170.1	4661.3
15°	11928.0	11765.1	11083.2	9627.9	8131.8	7114.0	6289.7	5556.9	4854.6	4172.7	3786.0
17.5°	12782.9	12365.6	11561.6	9627.9	7816.3	6462.7	5465.3	4600.2	3847.1	3236.4	2758.1
20°	13932.9	13454.6	12589.5	9984.1	7582.2	5984.3	4620.6	3531.6	2747.9	2178.0	1811.6
22.5°	15113.5	14736.9	13434.2	10126.5	7307.4	5343.2	3643.5	2554.5	1831.9	1465.6	1282.4
25°	16528.2	15998.9	14574.1	10696.5	6900.3	4722.3	2870.0	1781.1	1363.8	1170.4	1058.5
27.5°	17657.9	17566.3	15642.7	11042.5	6595.0	4213.5	2269.6	1414.7	1129.7	987.2	916.0
30°	19082.7	18584.0	16945.4	11734.6	6248.9	3633.3	1893.0	1272.2	1038.1	885.4	834.5
32.5°	19937.6	19703.5	17627.3	12121.3	5862.2	3155.0	1628.4	1119.5	946.5	834.5	783.7
35°	21179.2	20711.1	18604.4	12365.6	5658.7	2880.2	1465.6	1017.7	793.8	681.9	620.8
37.5°	22563.4	22390.4	19774.8	12355.4	5363.5	2717.4	1353.6	946.5	753.1	631.0	559.8
40°	23978.0	23275.8	20487.2	12640.4	5210.8	2595.2	1272.2	905.8	712.4	600.5	508.9
42.5°	25036.5	24232.5	21311.6	12538.6	5027.7	2381.5	1241.6	844.7	681.9	549.6	468.2
45°	25321.5	25036.5	22054.5	12508.1	4895.3	2208.5	1190.8	834.5	661.5	519.0	437.6
47.5°	25871.0	25677.7	22970.5	12559.0	4793.6	2076.2	1068.6	854.9	631.0	488.5	417.3
50°	26115.3	25769.3	23713.4	12681.1	4559.5	1913.4	956.7	895.6	620.8	478.3	396.9
52.5°	27122.9	26817.5	24731.2	13027.1	4366.1	1699.6	844.7	854.9	641.2	447.8	376.6
55°	28110.1	27764.0	26298.5	13821.0	4091.3	1526.6	722.6	753.1	610.6	407.1	335.9
57.5°	29463.7	28893.7	27346.8	14146.6	3847.1	1292.5	641.2	620.8	569.9	366.4	295.1
60°	29667.2	29901.3	27194.1	13943.1	3592.6	1139.9	559.8	478.3	610.6	325.7	254.4
62.5°	30349.1	29372.1	26481.7	13474.9	3409.4	1048.3	498.7	396.9	529.2	285.0	213.7
65°	29036.2	28313.6	24812.6	11968.7	3175.4	1058.5	437.6	325.7	335.9	234.1	173.0
67.5°	27112.7	26542.8	22044.3	10330.1	2941.3	1038.1	386.7	285.0	254.4	203.5	152.7
70°	23794.8	22563.4	18726.5	8386.2	2595.2	966.9	325.7	254.4	213.7	162.8	112.0
72.5°	17311.8	16813.1	13434.2	6483.0	2330.6	875.3	305.3	213.7	183.2	122.1	91.6
75°	11653.2	10828.8	8477.8	4254.2	1872.6	763.3	254.4	193.4	142.5	91.6	71.2
77.5°	6157.3	5821.5	4803.8	2025.3	1038.1	356.2	142.5	112.0	81.4	71.2	40.7
80°	2666.5	2371.3	2076.2	824.4	366.4	162.8	91.6	61.1	50.9	40.7	20.4
82.5°	1363.8	1302.7	1078.8	356.2	213.7	122.1	50.9	40.7	30.5	20.4	10.2
85°	671.7	692.1	569.9	112.0	122.1	71.2	10.2	10.2	0.0	0.0	0.0
87.5°	50.9	50.9	40.7	20.4	30.5	10.2	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6
2.5°	12630.2	12772.7	12528.4	12681.1	12609.8	12640.4	12670.9	12589.5	12609.8	12894.8	12905.0
5°	10116.4	10391.2	10289.4	10431.9	10676.1	10554.0	10666.0	10645.6	10666.0	10706.7	10889.9
7.5°	7215.8	7134.4	7327.8	7704.3	8141.9	8406.6	8274.3	8203.0	8162.3	8060.5	8182.7
10°	5444.9	5404.2	5353.3	5465.3	5750.3	6045.4	6208.2	5933.4	5780.8	5587.4	5516.2
12.5°	4518.8	4264.3	4121.9	3948.8	4030.3	4294.9	4305.1	4040.4	3796.2	3694.4	3806.4
15°	3562.1	3389.1	3134.7	2890.4	2768.3	2971.8	2798.8	2544.4	2228.9	2188.1	2178.0
17.5°	2544.4	2442.6	2259.4	2157.6	2015.1	1964.2	1781.1	1394.3	1170.4	1109.3	1129.7
20°	1730.2	1648.7	1638.6	1547.0	1485.9	1445.2	1150.1	895.6	824.4	834.5	844.7
22.5°	1282.4	1241.6	1190.8	1180.6	1129.7	1078.8	844.7	753.1	702.2	702.2	732.8
25°	1048.3	1027.9	977.0	956.7	936.3	865.1	712.4	641.2	620.8	600.5	631.0
27.5°	895.6	885.4	854.9	824.4	804.0	732.8	620.8	559.8	539.4	539.4	539.4
30°	804.0	804.0	763.3	702.2	702.2	620.8	529.2	488.5	468.2	468.2	458.0
32.5°	753.1	732.8	681.9	641.2	610.6	529.2	468.2	427.5	396.9	396.9	407.1
35°	610.6	610.6	600.5	569.9	529.2	447.8	396.9	356.2	335.9	325.7	335.9
37.5°	539.4	508.9	468.2	478.3	458.0	386.7	335.9	305.3	274.8	274.8	274.8
40°	488.5	458.0	417.3	386.7	376.6	346.0	295.1	244.3	213.7	203.5	203.5
42.5°	437.6	417.3	356.2	305.3	295.1	295.1	223.9	183.2	152.7	152.7	152.7
45°	407.1	376.6	325.7	264.6	213.7	223.9	183.2	132.3	112.0	101.8	101.8
47.5°	386.7	356.2	285.0	223.9	162.8	162.8	132.3	91.6	71.2	61.1	61.1
50°	356.2	325.7	254.4	183.2	122.1	101.8	81.4	50.9	30.5	20.4	20.4
52.5°	335.9	305.3	223.9	152.7	101.8	71.2	50.9	10.2	0.0	0.0	0.0
55°	305.3	264.6	193.4	122.1	81.4	40.7	10.2	0.0	0.0	0.0	0.0
57.5°	264.6	234.1	152.7	91.6	50.9	10.2	0.0	0.0	0.0	0.0	0.0
60°	223.9	193.4	122.1	71.2	20.4	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	183.2	162.8	91.6	40.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	152.7	122.1	71.2	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	132.3	101.8	50.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	101.8	71.2	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	71.2	50.9	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	50.9	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	30.5	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	10.2	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

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6
2.5°	12945.7	13251.0	13536.0	13617.4	13841.3	14462.1	14462.1	14757.3	15286.5	15479.9	15520.6
5°	10920.4	11246.1	11307.1	11938.1	12233.3	12864.3	13281.6	14278.9	14879.4	15256.0	15490.1
7.5°	8304.8	8416.7	8650.8	9241.1	9821.2	10584.5	11378.4	12650.6	13709.0	14136.5	14930.3
10°	5709.5	6045.4	6554.3	7083.5	7989.3	8834.0	9861.9	11062.9	12365.6	12894.8	13576.7
12.5°	3847.1	4315.2	5129.4	5882.6	6717.1	7572.0	8549.0	10157.1	11632.8	12365.6	13047.5
15°	2249.2	2819.1	3521.4	4742.7	5852.0	6808.7	7785.7	9414.1	11205.4	12151.9	12986.4
17.5°	1139.9	1312.9	1893.0	2951.5	4417.0	5984.3	7439.7	9515.9	11531.0	12691.3	13383.3
20°	854.9	905.8	1068.6	1567.3	3022.7	4946.2	7114.0	9668.6	12436.8	13851.5	14228.1
22.5°	743.0	783.7	854.9	1017.7	1699.6	3786.0	6656.0	10045.1	13668.3	15001.5	15795.4
25°	631.0	671.7	732.8	834.5	1089.0	2574.9	6096.3	10442.0	14767.5	16446.7	17189.7
27.5°	549.6	580.1	641.2	722.6	885.4	1638.6	5129.4	10971.3	16446.7	18197.3	18390.6
30°	468.2	498.7	549.6	641.2	753.1	1160.2	3765.7	11042.5	17372.9	18960.6	19500.0
32.5°	407.1	417.3	478.3	559.8	631.0	916.0	2646.1	11113.8	18054.8	19947.8	20059.7
35°	335.9	356.2	417.3	468.2	549.6	722.6	2005.0	10757.6	18940.2	20965.5	20935.0
37.5°	274.8	305.3	346.0	386.7	447.8	610.6	1597.9	10096.0	20049.6	22543.0	21586.3
40°	213.7	244.3	285.0	335.9	376.6	549.6	1200.9	9098.6	21209.8	23316.5	22298.8
42.5°	152.7	173.0	213.7	264.6	335.9	458.0	865.1	7918.0	21667.8	24222.3	23153.7
45°	112.0	132.3	162.8	223.9	346.0	366.4	600.5	6839.2	22156.3	24619.2	22960.3
47.5°	61.1	81.4	122.1	193.4	305.3	274.8	427.5	5872.4	22716.0	24975.4	23113.0
50°	20.4	30.5	71.2	203.5	244.3	213.7	335.9	5353.3	23265.6	25046.7	23418.3
52.5°	0.0	0.0	40.7	213.7	183.2	162.8	295.1	5149.8	23123.1	25270.6	23224.9
55°	0.0	0.0	10.2	91.6	101.8	122.1	244.3	5139.6	24130.7	25341.8	24283.4
57.5°	0.0	0.0	0.0	30.5	61.1	101.8	213.7	4813.9	24771.9	27112.7	25708.2
60°	0.0	0.0	0.0	10.2	40.7	71.2	162.8	4529.0	25423.2	27906.5	27234.8
62.5°	0.0	0.0	0.0	0.0	10.2	30.5	112.0	4091.3	24110.3	27845.5	28710.5
65°	0.0	0.0	0.0	0.0	0.0	0.0	71.2	3236.4	21688.1	26390.1	27896.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	40.7	2239.0	18991.1	24558.2	26400.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1353.6	15327.2	21535.5	22390.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	580.1	10940.7	17098.1	18370.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	234.1	6768.0	12497.9	14065.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91.6	4386.5	9465.0	10676.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.4	2340.8	5933.4	6900.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1017.7	3602.8	4152.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	325.7	2188.1	2493.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	335.9	447.8
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: P599310
 CATALOG NUMBER: IFLD-L-SA8C-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6	14431.6
2.5°	15540.9	15836.1	15948.0	15775.0	15795.4	15439.2	15388.3	14889.6	14686.0	14726.8
5°	16253.4	16680.8	16914.9	16721.5	16283.9	15602.0	14981.2	14390.9	14024.5	13841.3
7.5°	16090.5	16568.9	16864.0	17047.2	16548.5	15449.3	14502.8	13393.5	12925.3	12935.5
10°	15194.9	16192.3	16792.8	16558.7	16324.6	15225.4	13759.9	12559.0	12141.7	12182.4
12.5°	14472.3	15581.7	15937.9	16121.1	15642.7	14767.5	13780.2	12406.3	11938.1	11653.2
15°	14024.5	14848.9	14869.2	15154.2	14960.8	14960.8	13994.0	12650.6	12243.5	11928.0
17.5°	14024.5	14207.7	14187.3	14289.1	14614.8	15001.5	14533.4	13637.8	12833.7	12782.9
20°	14340.0	13770.1	13637.8	13678.5	13953.3	15103.3	15724.1	14604.6	14095.7	13932.9
22.5°	15072.8	13821.0	13016.9	12874.5	13719.2	15093.1	16487.4	16131.2	15245.8	15113.5
25°	16080.3	13729.4	12854.1	12670.9	13312.1	15459.5	17535.7	17607.0	16802.9	16528.2
27.5°	17037.0	14136.5	12833.7	12793.0	13637.8	15378.1	18258.3	18787.5	17881.8	17657.9
30°	17362.7	14543.6	13210.3	12670.9	13759.9	15673.3	18238.0	19622.1	19031.8	19082.7
32.5°	17749.4	14950.7	13251.0	13037.3	14278.9	16151.6	18818.1	20965.5	20538.1	19937.6
35°	18319.4	15500.2	13637.8	13444.4	14645.3	16579.0	18940.2	21952.7	21881.5	21179.2
37.5°	18807.9	16039.6	14441.8	14472.3	15764.8	17271.1	19479.6	23163.8	23041.7	22563.4
40°	19153.9	16792.8	15693.6	15775.0	16741.9	18044.6	20436.3	23774.5	24680.3	23978.0
42.5°	19204.8	17464.5	17128.6	17780.0	18685.8	19245.5	20823.0	24191.8	25494.5	25036.5
45°	19398.2	18533.1	19469.4	19947.8	20690.7	20304.0	20802.7	24904.2	25555.5	25321.5
47.5°	20151.3	20477.0	21657.6	23113.0	23377.6	22105.4	21291.2	25016.1	25901.6	25871.0
50°	20935.0	22563.4	24222.3	25189.2	25525.0	23347.0	21749.2	24924.5	26359.6	26115.3
52.5°	21810.2	24375.0	26766.7	27957.4	27774.2	24721.0	22268.2	25667.5	27204.3	27122.9
55°	22359.8	25189.2	28405.2	30064.1	29921.7	26257.8	23917.0	26736.1	28313.6	28110.1
57.5°	23815.2	26512.2	30033.6	30807.1	31183.7	28272.9	25067.0	28486.6	29239.8	29463.7
60°	25016.1	27377.3	30461.1	31580.6	31712.9	29473.9	27082.2	30288.1	30420.4	29667.2
62.5°	26776.8	27713.2	29555.3	30562.8	31244.7	30155.7	28893.7	31254.9	30400.0	30349.1
65°	28069.4	26614.0	27865.8	28425.6	28863.2	29117.6	30715.5	31916.4	30023.4	29036.2
67.5°	27346.8	24537.8	24303.7	24334.3	24466.6	26003.4	30104.9	30298.2	27926.9	27112.7
70°	24069.6	20131.0	19815.5	20059.7	19398.2	21250.5	27631.7	27540.1	24639.6	23794.8
72.5°	19469.4	14675.9	14136.5	14472.3	14625.0	16589.2	23245.3	20884.1	17973.4	17311.8
75°	15469.7	10757.6	9078.3	9892.5	10411.5	12080.6	18156.5	14187.3	12548.8	11653.2
77.5°	12151.9	8141.9	7063.1	6737.5	7215.8	8783.1	13210.3	7449.9	6574.6	6157.3
80°	7704.3	5984.3	6493.2	6025.0	6228.6	6269.3	6879.9	3389.1	2697.0	2666.5
82.5°	4640.9	4091.3	4864.8	2676.7	4875.0	4355.9	2859.9	1536.8	1363.8	1363.8
85°	3287.3	2534.2	1679.3	1089.0	2167.8	2391.7	1109.3	793.8	692.1	671.7
87.5°	1648.7	783.7	376.6	244.3	274.8	447.8	132.3	61.1	61.1	50.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)