

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: P599252

Luminaire Tested: **IFLD-L-SA8C-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: P599252
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8C-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

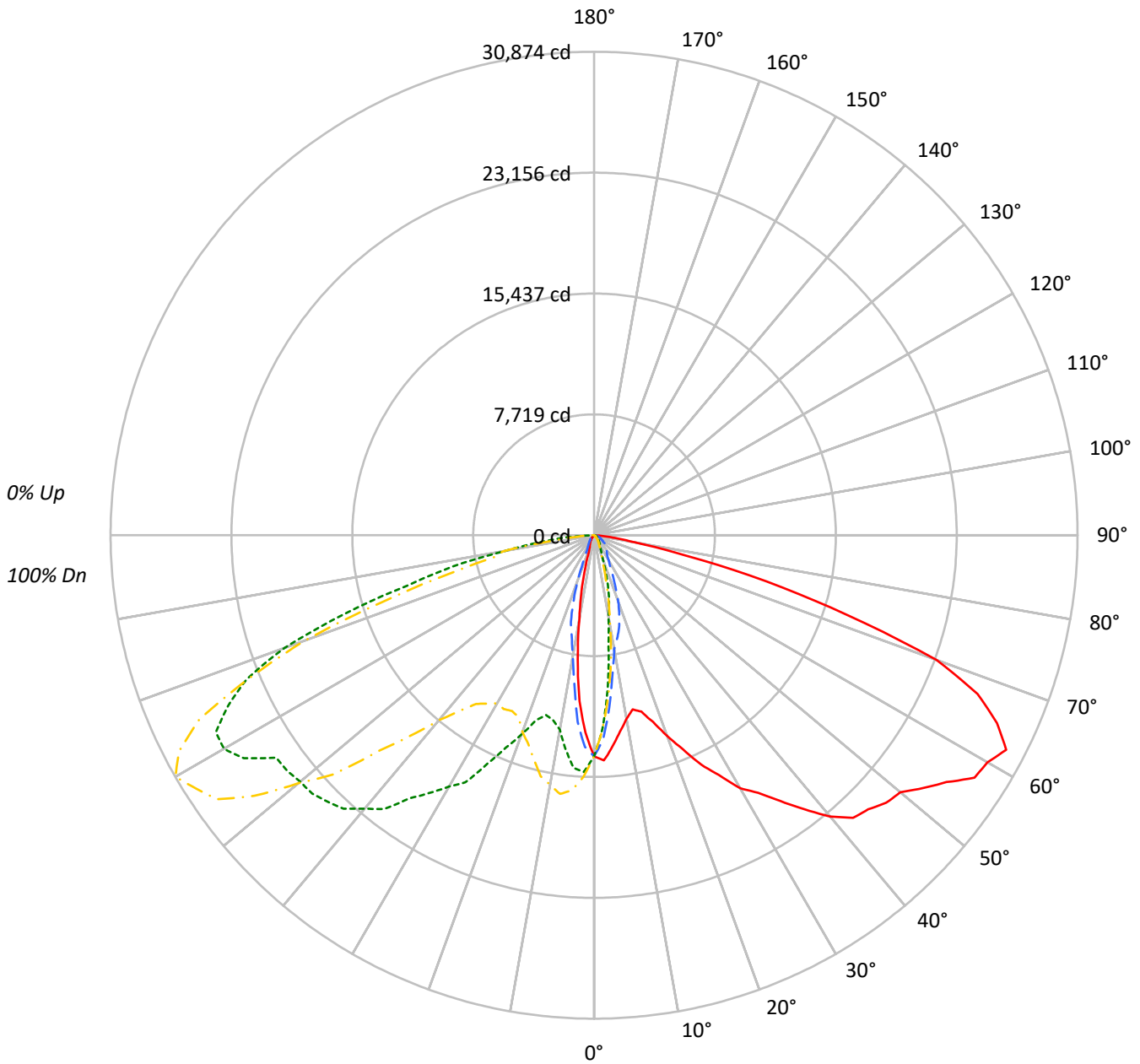
Lumens per Lamp: N/A
 Luminaire Lumens: 36904.4 lumens
 Efficiency: N/A
 Efficacy: 87.8 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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



— 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	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°	75931	75931	75931	75931
5°	73104	53430	57516	80575
10°	65086	29090	29471	68892
15°	64972	19403	11864	66192
20°	78012	9687	4730	77556
25°	95952	6086	3663	95479
30°	115936	4885	2782	115194
35°	136036	3922	2157	134663
40°	164690	3355	1398	160146
45°	188413	3029	757	183188
50°	213764	2915	167	205017
55°	257857	2801	0	232463
60°	312187	2356	0	293659
65°	361492	1900	0	328549
70°	366048	1566	0	331290
75°	236895	1033	0	254067
80°	80794	307	0	179781
85°	40552	0	0	132098

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1068.7	2.9
10°-20°	2069.4	5.6
20°-30°	2882.3	7.8
30°-40°	4095.3	11.1
40°-50°	5679.1	15.4
50°-60°	7738.0	21.0
60°-70°	8507.4	23.1
70°-80°	4181.3	11.3
80°-90°	682.8	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°	6020.4	16.3
0°-40°	10115.8	27.4
0°-60°	23532.9	63.8
0°-90°	36904.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	36904.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	14108	14108	14108	14108	14108	
5°	13531	9890	10646	14914	13531	1238
15°	11661	3482	2129	11880	11661	3451
25°	16158	1025	617	16078	16158	7512
35°	20705	597	328	20496	20705	13143
45°	24755	398	100	24068	24755	19189
55°	27481	298	0	24774	27481	24721
65°	28386	149	0	25799	28386	27432
75°	11392	50	0	12218	11392	12420
85°	657	0	0	2139	657	908
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°	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5
2.5°	14397.1	14566.2	14407.0	13849.8	13750.3	13481.7	13073.8	13043.9	12616.1	12665.8	12437.0
5°	13531.4	13700.6	13362.3	12626.0	11939.5	11392.3	11063.9	10476.9	10347.6	10059.0	10059.0
7.5°	12645.9	12636.0	12058.9	11442.0	10417.2	9412.3	8954.6	8108.9	7611.4	7342.8	7084.1
10°	11909.7	11750.5	11392.3	10118.7	9004.4	7959.7	7392.5	6835.4	6318.0	5870.3	5422.5
12.5°	11392.3	11491.8	10924.7	9541.7	8099.0	7372.6	6765.7	6178.7	5561.8	5054.4	4556.9
15°	11660.9	11501.7	10835.1	9412.3	7949.7	6954.8	6148.8	5432.5	4746.0	4079.3	3701.2
17.5°	12496.7	12088.8	11302.7	9412.3	7641.3	6318.0	5342.9	4497.2	3760.9	3164.0	2696.3
20°	13621.0	13153.4	12307.6	9760.5	7412.4	5850.4	4517.1	3452.5	2686.4	2129.2	1771.0
22.5°	14775.1	14407.0	13133.5	9899.8	7143.8	5223.5	3562.0	2497.3	1790.9	1432.7	1253.6
25°	16158.1	15640.8	14247.8	10457.0	6745.8	4616.6	2805.8	1741.2	1333.2	1144.2	1034.8
27.5°	17262.5	17173.0	15292.5	10795.3	6447.3	4119.1	2218.8	1383.0	1104.4	965.1	895.5
30°	18655.5	18168.0	16566.1	11471.9	6109.0	3552.0	1850.6	1243.7	1014.9	865.6	815.9
32.5°	19491.2	19262.4	17232.7	11850.0	5731.0	3084.4	1591.9	1094.5	925.3	815.9	766.1
35°	20705.1	20247.4	18187.9	12088.8	5532.0	2815.7	1432.7	995.0	776.1	666.6	606.9
37.5°	22058.2	21889.1	19332.1	12078.8	5243.4	2656.5	1323.3	925.3	736.3	616.9	547.2
40°	23441.2	22754.7	20028.5	12357.4	5094.2	2537.1	1243.7	885.5	696.5	587.0	497.5
42.5°	24476.0	23690.0	20834.4	12257.9	4915.1	2328.2	1213.9	825.8	666.6	537.3	457.7
45°	24754.6	24476.0	21560.8	12228.0	4785.8	2159.1	1164.1	815.9	646.7	507.4	427.8
47.5°	25291.9	25102.8	22456.2	12277.8	4686.3	2029.7	1044.7	835.8	616.9	477.6	407.9
50°	25530.7	25192.4	23182.5	12397.2	4457.4	1870.5	935.3	875.6	606.9	467.6	388.0
52.5°	26515.7	26217.2	24177.5	12735.5	4268.4	1661.6	825.8	835.8	626.8	437.8	368.1
55°	27480.8	27142.5	25709.7	13511.5	3999.7	1492.4	706.4	736.3	597.0	398.0	328.3
57.5°	28804.1	28246.9	26734.6	13829.9	3760.9	1263.6	626.8	606.9	557.2	358.2	288.5
60°	29003.1	29231.9	26585.3	13630.9	3512.2	1114.4	547.2	467.6	597.0	318.4	248.7
62.5°	29669.7	28714.5	25888.8	13173.3	3333.1	1024.8	487.5	388.0	517.4	278.6	208.9
65°	28386.2	27679.8	24257.1	11700.7	3104.3	1034.8	427.8	318.4	328.3	228.8	169.1
67.5°	26505.7	25948.5	21550.8	10098.8	2875.4	1014.9	378.1	278.6	248.7	199.0	149.2
70°	23262.1	22058.2	18307.2	8198.5	2537.1	945.2	318.4	248.7	208.9	159.2	109.4
72.5°	16924.3	16436.7	13133.5	6337.9	2278.5	855.7	298.5	208.9	179.1	119.4	89.5
75°	11392.3	10586.4	8288.0	4158.9	1830.7	746.2	248.7	189.0	139.3	89.5	69.6
77.5°	6019.5	5691.2	4696.2	1980.0	1014.9	348.2	139.3	109.4	79.6	69.6	39.8
80°	2606.8	2318.3	2029.7	805.9	358.2	159.2	89.5	59.7	49.7	39.8	19.9
82.5°	1333.2	1273.5	1054.7	348.2	208.9	119.4	49.7	39.8	29.8	19.9	9.9
85°	656.7	676.6	557.2	109.4	119.4	69.6	9.9	9.9	0.0	0.0	0.0
87.5°	49.7	49.7	39.8	19.9	29.8	9.9	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5
2.5°	12347.4	12486.7	12247.9	12397.2	12327.5	12357.4	12387.2	12307.6	12327.5	12606.1	12616.1
5°	9889.9	10158.5	10059.0	10198.3	10437.1	10317.7	10427.2	10407.3	10427.2	10467.0	10646.1
7.5°	7054.3	6974.7	7163.7	7531.8	7959.7	8218.4	8089.0	8019.4	7979.6	7880.1	7999.5
10°	5323.0	5283.2	5233.5	5342.9	5621.5	5910.1	6069.3	5800.6	5651.4	5462.3	5392.7
12.5°	4417.6	4168.9	4029.6	3860.4	3940.0	4198.7	4208.7	3950.0	3711.2	3611.7	3721.1
15°	3482.4	3313.2	3064.5	2825.7	2706.3	2905.3	2736.1	2487.4	2179.0	2139.2	2129.2
17.5°	2487.4	2387.9	2208.8	2109.3	1970.0	1920.3	1741.2	1363.1	1144.2	1084.5	1104.4
20°	1691.4	1611.8	1601.9	1512.3	1452.6	1412.8	1124.3	875.6	805.9	815.9	825.8
22.5°	1253.6	1213.9	1164.1	1154.2	1104.4	1054.7	825.8	736.3	686.5	686.5	716.4
25°	1024.8	1004.9	955.2	935.3	915.4	845.7	696.5	626.8	606.9	587.0	616.9
27.5°	875.6	865.6	835.8	805.9	786.0	716.4	606.9	547.2	527.3	527.3	527.3
30°	786.0	786.0	746.2	686.5	686.5	606.9	517.4	477.6	457.7	457.7	447.7
32.5°	736.3	716.4	666.6	626.8	597.0	517.4	457.7	417.9	388.0	388.0	398.0
35°	597.0	597.0	587.0	557.2	517.4	437.8	388.0	348.2	328.3	318.4	328.3
37.5°	527.3	497.5	457.7	467.6	447.7	378.1	328.3	298.5	268.6	268.6	268.6
40°	477.6	447.7	407.9	378.1	368.1	338.3	288.5	238.8	208.9	199.0	199.0
42.5°	427.8	407.9	348.2	298.5	288.5	288.5	218.9	179.1	149.2	149.2	149.2
45°	398.0	368.1	318.4	258.7	208.9	218.9	179.1	129.3	109.4	99.5	99.5
47.5°	378.1	348.2	278.6	218.9	159.2	159.2	129.3	89.5	69.6	59.7	59.7
50°	348.2	318.4	248.7	179.1	119.4	99.5	79.6	49.7	29.8	19.9	19.9
52.5°	328.3	298.5	218.9	149.2	99.5	69.6	49.7	9.9	0.0	0.0	0.0
55°	298.5	258.7	189.0	119.4	79.6	39.8	9.9	0.0	0.0	0.0	0.0
57.5°	258.7	228.8	149.2	89.5	49.7	9.9	0.0	0.0	0.0	0.0	0.0
60°	218.9	189.0	119.4	69.6	19.9	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	179.1	159.2	89.5	39.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	149.2	119.4	69.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	129.3	99.5	49.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	99.5	69.6	29.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	69.6	49.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	49.7	29.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	29.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	9.9	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

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5
2.5°	12655.9	12954.4	13233.0	13312.6	13531.4	14138.4	14138.4	14426.9	14944.3	15133.3	15173.1
5°	10675.9	10994.3	11054.0	11670.9	11959.4	12576.3	12984.2	13959.3	14546.3	14914.4	15143.3
7.5°	8118.9	8228.3	8457.2	9034.2	9601.4	10347.6	11123.6	12367.3	13402.1	13820.0	14596.0
10°	5581.7	5910.1	6407.5	6924.9	7810.4	8636.2	9641.2	10815.2	12088.8	12606.1	13272.8
12.5°	3760.9	4218.6	5014.6	5750.9	6566.7	7402.5	8357.7	9929.7	11372.4	12088.8	12755.4
15°	2198.9	2756.0	3442.6	4636.5	5721.0	6656.3	7611.4	9203.4	10954.5	11879.8	12695.7
17.5°	1114.4	1283.5	1850.6	2885.4	4318.1	5850.4	7273.2	9302.9	11272.9	12407.1	13083.7
20°	835.8	885.5	1044.7	1532.2	2955.0	4835.5	6954.8	9452.1	12158.4	13541.4	13909.5
22.5°	726.3	766.1	835.8	995.0	1661.6	3701.2	6507.0	9820.2	13362.3	14665.7	15441.8
25°	616.9	656.7	716.4	815.9	1064.6	2517.2	5959.8	10208.3	14436.9	16078.5	16804.9
27.5°	537.3	567.1	626.8	706.4	865.6	1601.9	5014.6	10725.7	16078.5	17789.9	17978.9
30°	457.7	487.5	537.3	626.8	736.3	1134.3	3681.3	10795.3	16984.0	18536.1	19063.4
32.5°	398.0	407.9	467.6	547.2	616.9	895.5	2586.9	10865.0	17650.6	19501.2	19610.6
35°	328.3	348.2	407.9	457.7	537.3	706.4	1960.1	10516.7	18516.2	20496.2	20466.3
37.5°	268.6	298.5	338.3	378.1	437.8	597.0	1562.1	9870.0	19600.7	22038.3	21103.1
40°	208.9	238.8	278.6	328.3	368.1	537.3	1174.1	8894.9	20734.9	22794.5	21799.6
42.5°	149.2	169.1	208.9	258.7	328.3	447.7	845.7	7740.8	21182.7	23680.0	22635.3
45°	109.4	129.3	159.2	218.9	338.3	358.2	587.0	6686.1	21660.3	24068.1	22446.3
47.5°	59.7	79.6	119.4	189.0	298.5	268.6	417.9	5740.9	22207.5	24416.3	22595.5
50°	19.9	29.8	69.6	199.0	238.8	208.9	328.3	5233.5	22744.8	24485.9	22894.0
52.5°	0.0	0.0	39.8	208.9	179.1	159.2	288.5	5034.5	22605.5	24704.8	22705.0
55°	0.0	0.0	9.9	89.5	99.5	119.4	238.8	5024.5	23590.5	24774.5	23739.7
57.5°	0.0	0.0	0.0	29.8	59.7	99.5	208.9	4706.2	24217.3	26505.7	25132.7
60°	0.0	0.0	0.0	9.9	39.8	69.6	159.2	4427.6	24854.1	27281.8	26625.1
62.5°	0.0	0.0	0.0	0.0	9.9	29.8	109.4	3999.7	23570.6	27222.1	28067.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	69.6	3164.0	21202.6	25799.3	27271.8
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	39.8	2188.9	18565.9	24008.4	25809.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1323.3	14984.1	21053.3	21889.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	567.1	10695.8	16715.3	17959.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	228.8	6616.5	12218.1	13750.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89.5	4288.3	9253.1	10437.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	2288.4	5800.6	6745.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	995.0	3522.2	4059.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	318.4	2139.2	2437.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	328.3	437.8
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: P599252
 CATALOG NUMBER: IFLD-L-SA8C-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5	14108.5
2.5°	15193.0	15481.6	15591.0	15421.9	15441.8	15093.5	15043.8	14556.3	14357.3	14397.1
5°	15889.5	16307.4	16536.2	16347.2	15919.3	15252.7	14645.8	14068.7	13710.5	13531.4
7.5°	15730.3	16197.9	16486.5	16665.6	16178.0	15103.5	14178.2	13093.7	12636.0	12645.9
10°	14854.7	15829.8	16416.8	16188.0	15959.1	14884.6	13451.8	12277.8	11869.9	11909.7
12.5°	14148.3	15232.8	15581.1	15760.2	15292.5	14436.9	13471.7	12128.6	11670.9	11392.3
15°	13710.5	14516.5	14536.4	14814.9	14625.9	14625.9	13680.7	12367.3	11969.4	11660.9
17.5°	13710.5	13889.6	13869.7	13969.2	14287.6	14665.7	14208.0	13332.5	12546.4	12496.7
20°	14019.0	13461.8	13332.5	13372.3	13640.9	14765.2	15372.1	14277.7	13780.2	13621.0
22.5°	14735.3	13511.5	12725.5	12586.2	13412.0	14755.2	16118.3	15770.1	14904.5	14775.1
25°	15720.4	13422.0	12566.3	12387.2	13014.1	15113.4	17143.1	17212.8	16426.8	16158.1
27.5°	16655.6	13820.0	12546.4	12506.6	13332.5	15033.8	17849.6	18366.9	17481.4	17262.5
30°	16974.0	14218.0	12914.6	12387.2	13451.8	15322.4	17829.7	19182.8	18605.7	18655.5
32.5°	17352.1	14615.9	12954.4	12745.4	13959.3	15790.0	18396.8	20496.2	20078.3	19491.2
35°	17909.3	15153.2	13332.5	13143.4	14317.5	16207.9	18516.2	21461.3	21391.6	20705.1
37.5°	18386.8	15680.6	14118.5	14148.3	15411.9	16884.5	19043.5	22645.3	22525.9	22058.2
40°	18725.1	16416.8	15342.3	15421.9	16367.1	17640.6	19978.8	23242.2	24127.8	23441.2
42.5°	18774.9	17073.5	16745.2	17381.9	18267.4	18814.7	20356.9	23650.2	24923.7	24476.0
45°	18963.9	18118.2	19033.6	19501.2	20227.5	19849.4	20337.0	24346.6	24983.4	24754.6
47.5°	19700.2	20018.6	21172.7	22595.5	22854.2	21610.5	20814.5	24456.1	25321.7	25291.9
50°	20466.3	22058.2	23680.0	24625.2	24953.6	22824.4	21262.3	24366.5	25769.4	25530.7
52.5°	21322.0	23829.3	26167.4	27331.5	27152.4	24167.6	21769.7	25092.9	26595.3	26515.7
55°	21859.3	24625.2	27769.3	29391.1	29251.8	25669.9	23381.5	26137.6	27679.8	27480.8
57.5°	23282.0	25918.7	29361.2	30117.4	30485.5	27640.0	24505.8	27848.9	28585.2	28804.1
60°	24456.1	26764.4	29779.1	30873.6	31002.9	28814.0	26475.9	29610.0	29739.3	29003.1
62.5°	26177.4	27092.7	28893.6	29878.6	30545.2	29480.6	28246.9	30555.2	29719.4	29669.7
65°	27441.0	26018.2	27242.0	27789.2	28217.0	28465.8	30027.9	31201.9	29351.3	28386.2
67.5°	26734.6	23988.5	23759.6	23789.5	23918.8	25421.2	29430.9	29619.9	27301.7	26505.7
70°	23530.8	19680.3	19371.9	19610.6	18963.9	20774.7	27013.1	26923.6	24088.0	23262.1
72.5°	19033.6	14347.3	13820.0	14148.3	14297.6	16217.8	22724.9	20416.6	17571.0	16924.3
75°	15123.4	10516.7	8875.0	9671.0	10178.4	11810.2	17750.1	13869.7	12267.8	11392.3
77.5°	11879.8	7959.7	6905.0	6586.6	7054.3	8586.5	12914.6	7283.1	6427.4	6019.5
80°	7531.8	5850.4	6347.8	5890.2	6089.1	6128.9	6725.9	3313.2	2636.6	2606.8
82.5°	4537.0	3999.7	4755.9	2616.7	4765.9	4258.4	2795.8	1502.4	1333.2	1333.2
85°	3213.7	2477.4	1641.7	1064.6	2119.3	2338.2	1084.5	776.1	676.6	656.7
87.5°	1611.8	766.1	368.1	238.8	268.6	437.8	129.3	59.7	59.7	49.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)