

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: P599359

Luminaire Tested: **IFLD-M-SA4D-830-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: P599359
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4D-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

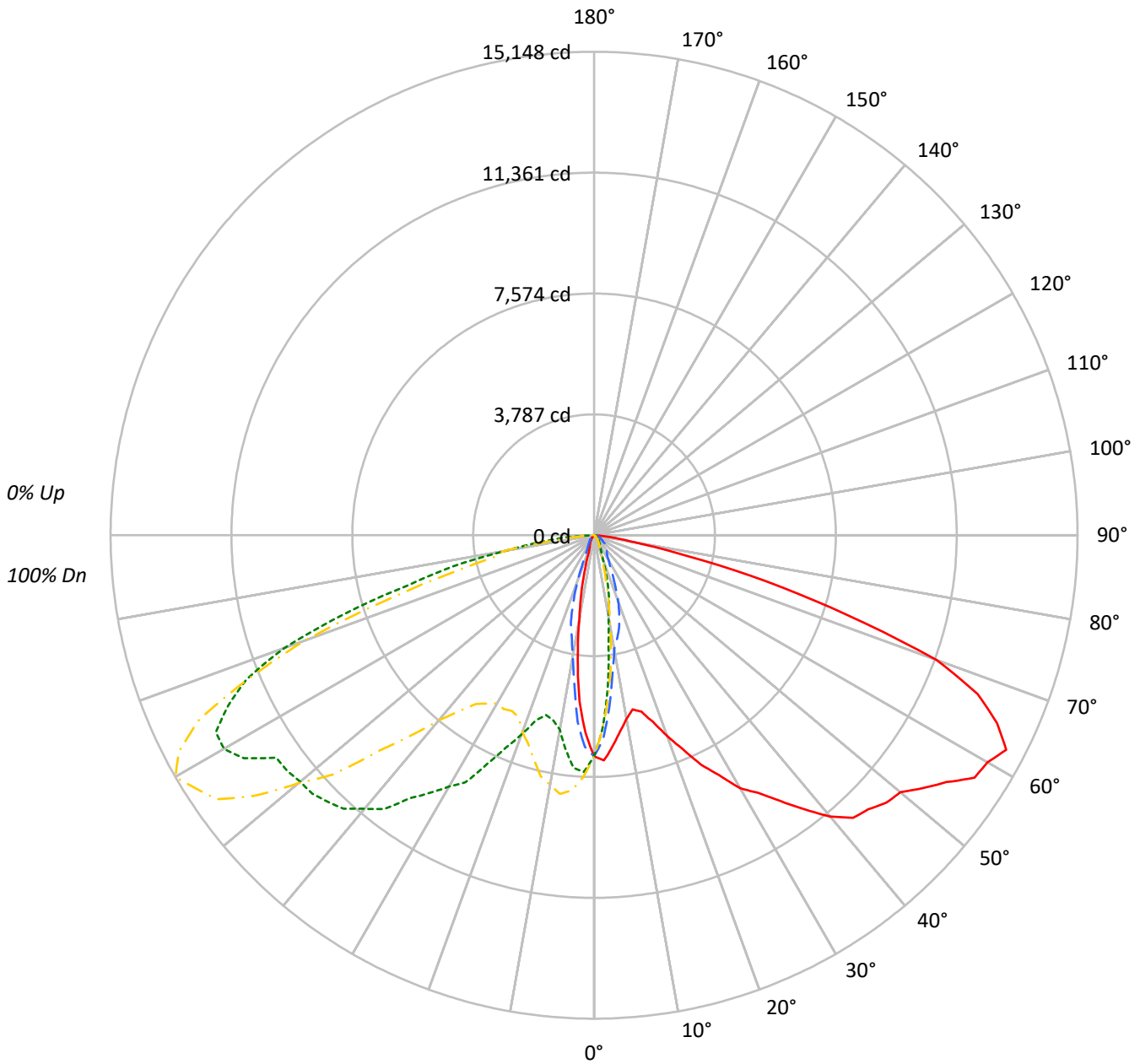
Lumens per Lamp: N/A
 Luminaire Lumens: 18107.1 lumens
 Efficiency: N/A
 Efficacy: 72.5 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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	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°	74511	74511	74511	74511
5°	71737	52431	56440	79068
10°	63869	28546	28920	67604
15°	63757	19040	11642	64954
20°	76553	9506	4641	76106
25°	94158	5972	3595	93694
30°	113767	4794	2731	113039
35°	133491	3849	2117	132144
40°	161610	3292	1371	157151
45°	184889	2973	743	179762
50°	209766	2862	164	201183
55°	253034	2749	0	228116
60°	306347	2312	0	288167
65°	354730	1864	0	322404
70°	359201	1536	0	325095
75°	232463	1015	0	249315
80°	79281	304	0	176421
85°	39792	0	0	129628

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	524.4	2.9
10°-20°	1015.4	5.6
20°-30°	1414.2	7.8
30°-40°	2009.4	11.1
40°-50°	2786.4	15.4
50°-60°	3796.7	21.0
60°-70°	4174.1	23.1
70°-80°	2051.6	11.3
80°-90°	335.0	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°	2953.9	16.3
0°-40°	4963.3	27.4
0°-60°	11546.4	63.8
0°-90°	18107.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18107.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6922	6922	6922	6922	6922	
5°	6639	4852	5224	7318	6639	608
15°	5721	1709	1045	5829	5721	1693
25°	7928	503	303	7889	7928	3686
35°	10159	293	161	10056	10159	6449
45°	12146	195	49	11809	12146	9415
55°	13483	146	0	12156	13483	12129
65°	13928	73	0	12658	13928	13459
75°	5590	24	0	5995	5590	6094
85°	322	0	0	1050	322	446
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°	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3
2.5°	7063.9	7146.9	7068.8	6795.4	6746.6	6614.8	6414.6	6400.0	6190.1	6214.5	6102.2
5°	6639.2	6722.2	6556.2	6194.9	5858.1	5589.6	5428.5	5140.5	5077.0	4935.5	4935.5
7.5°	6204.7	6199.8	5916.7	5614.0	5111.2	4618.1	4393.6	3978.6	3734.5	3602.7	3475.8
10°	5843.5	5765.4	5589.6	4964.7	4418.0	3905.4	3627.1	3353.8	3099.9	2880.2	2660.6
12.5°	5589.6	5638.4	5360.2	4681.6	3973.7	3617.4	3319.6	3031.6	2728.9	2479.9	2235.8
15°	5721.4	5643.3	5316.2	4618.1	3900.5	3412.3	3016.9	2665.4	2328.6	2001.5	1816.0
17.5°	6131.5	5931.3	5545.7	4618.1	3749.2	3099.9	2621.5	2206.6	1845.3	1552.4	1323.0
20°	6683.1	6453.7	6038.7	4789.0	3636.9	2870.5	2216.3	1694.0	1318.1	1044.7	869.0
22.5°	7249.4	7068.8	6443.9	4857.3	3505.1	2562.9	1747.7	1225.3	878.7	703.0	615.1
25°	7928.0	7674.1	6990.7	5130.7	3309.8	2265.1	1376.7	854.3	654.2	561.4	507.7
27.5°	8469.8	8425.9	7503.3	5296.7	3163.4	2021.0	1088.6	678.6	541.9	473.5	439.4
30°	9153.3	8914.1	8128.1	5628.7	2997.4	1742.8	908.0	610.2	497.9	424.7	400.3
32.5°	9563.4	9451.1	8455.2	5814.2	2811.9	1513.3	781.1	537.0	454.0	400.3	375.9
35°	10158.9	9934.4	8923.8	5931.3	2714.3	1381.5	703.0	488.2	380.8	327.1	297.8
37.5°	10822.8	10739.9	9485.2	5926.4	2572.7	1303.4	649.3	454.0	361.2	302.7	268.5
40°	11501.4	11164.6	9827.0	6063.1	2499.5	1244.8	610.2	434.5	341.7	288.0	244.1
42.5°	12009.1	11623.5	10222.4	6014.3	2411.6	1142.3	595.6	405.2	327.1	263.6	224.6
45°	12145.8	12009.1	10578.8	5999.7	2348.1	1059.3	571.2	400.3	317.3	249.0	209.9
47.5°	12409.4	12316.7	11018.1	6024.1	2299.3	995.9	512.6	410.1	302.7	234.3	200.2
50°	12526.6	12360.6	11374.5	6082.7	2187.0	917.8	458.9	429.6	297.8	229.4	190.4
52.5°	13009.9	12863.4	11862.7	6248.6	2094.3	815.3	405.2	410.1	307.6	214.8	180.6
55°	13483.4	13317.4	12614.5	6629.4	1962.5	732.3	346.6	361.2	292.9	195.3	161.1
57.5°	14132.7	13859.3	13117.3	6785.6	1845.3	620.0	307.6	297.8	273.4	175.7	141.6
60°	14230.3	14342.6	13044.0	6688.0	1723.3	546.8	268.5	229.4	292.9	156.2	122.0
62.5°	14557.4	14088.7	12702.3	6463.4	1635.4	502.8	239.2	190.4	253.9	136.7	102.5
65°	13927.6	13581.0	11901.7	5740.9	1523.1	507.7	209.9	156.2	161.1	112.3	83.0
67.5°	13005.0	12731.6	10573.9	4955.0	1410.8	497.9	185.5	136.7	122.0	97.6	73.2
70°	11413.5	10822.8	8982.4	4022.6	1244.8	463.8	156.2	122.0	102.5	78.1	53.7
72.5°	8303.9	8064.7	6443.9	3109.7	1117.9	419.8	146.5	102.5	87.9	58.6	43.9
75°	5589.6	5194.2	4066.5	2040.6	898.2	366.1	122.0	92.8	68.3	43.9	34.2
77.5°	2953.5	2792.4	2304.2	971.5	497.9	170.9	68.3	53.7	39.1	34.2	19.5
80°	1279.0	1137.4	995.9	395.4	175.7	78.1	43.9	29.3	24.4	19.5	9.8
82.5°	654.2	624.9	517.5	170.9	102.5	58.6	24.4	19.5	14.6	9.8	4.9
85°	322.2	332.0	273.4	53.7	58.6	34.2	4.9	4.9	0.0	0.0	0.0
87.5°	24.4	24.4	19.5	9.8	14.6	4.9	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°	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3
2.5°	6058.3	6126.6	6009.4	6082.7	6048.5	6063.1	6077.8	6038.7	6048.5	6185.2	6190.1
5°	4852.5	4984.3	4935.5	5003.8	5121.0	5062.4	5116.1	5106.3	5116.1	5135.6	5223.5
7.5°	3461.2	3422.1	3514.9	3695.5	3905.4	4032.3	3968.9	3934.7	3915.2	3866.3	3924.9
10°	2611.7	2592.2	2567.8	2621.5	2758.2	2899.8	2977.9	2846.1	2772.8	2680.1	2645.9
12.5°	2167.5	2045.5	1977.1	1894.1	1933.2	2060.1	2065.0	1938.1	1820.9	1772.1	1825.8
15°	1708.6	1625.6	1503.6	1386.4	1327.8	1425.5	1342.5	1220.4	1069.1	1049.6	1044.7
17.5°	1220.4	1171.6	1083.7	1034.9	966.6	942.2	854.3	668.8	561.4	532.1	541.9
20°	829.9	790.8	786.0	742.0	712.7	693.2	551.6	429.6	395.4	400.3	405.2
22.5°	615.1	595.6	571.2	566.3	541.9	517.5	405.2	361.2	336.8	336.8	351.5
25°	502.8	493.1	468.6	458.9	449.1	414.9	341.7	307.6	297.8	288.0	302.7
27.5°	429.6	424.7	410.1	395.4	385.7	351.5	297.8	268.5	258.7	258.7	258.7
30°	385.7	385.7	366.1	336.8	336.8	297.8	253.9	234.3	224.6	224.6	219.7
32.5°	361.2	351.5	327.1	307.6	292.9	253.9	224.6	205.0	190.4	190.4	195.3
35°	292.9	292.9	288.0	273.4	253.9	214.8	190.4	170.9	161.1	156.2	161.1
37.5°	258.7	244.1	224.6	229.4	219.7	185.5	161.1	146.5	131.8	131.8	131.8
40°	234.3	219.7	200.2	185.5	180.6	166.0	141.6	117.2	102.5	97.6	97.6
42.5°	209.9	200.2	170.9	146.5	141.6	141.6	107.4	87.9	73.2	73.2	73.2
45°	195.3	180.6	156.2	126.9	102.5	107.4	87.9	63.5	53.7	48.8	48.8
47.5°	185.5	170.9	136.7	107.4	78.1	78.1	63.5	43.9	34.2	29.3	29.3
50°	170.9	156.2	122.0	87.9	58.6	48.8	39.1	24.4	14.6	9.8	9.8
52.5°	161.1	146.5	107.4	73.2	48.8	34.2	24.4	4.9	0.0	0.0	0.0
55°	146.5	126.9	92.8	58.6	39.1	19.5	4.9	0.0	0.0	0.0	0.0
57.5°	126.9	112.3	73.2	43.9	24.4	4.9	0.0	0.0	0.0	0.0	0.0
60°	107.4	92.8	58.6	34.2	9.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	87.9	78.1	43.9	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	73.2	58.6	34.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	63.5	48.8	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	48.8	34.2	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	34.2	24.4	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	24.4	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	14.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.9	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°	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3
2.5°	6209.6	6356.0	6492.7	6531.8	6639.2	6937.0	6937.0	7078.5	7332.4	7425.1	7444.7
5°	5238.1	5394.3	5423.6	5726.3	5867.9	6170.5	6370.7	6849.1	7137.1	7317.7	7430.0
7.5°	3983.5	4037.2	4149.5	4432.6	4710.9	5077.0	5457.8	6068.0	6575.7	6780.8	7161.5
10°	2738.7	2899.8	3143.8	3397.7	3832.2	4237.4	4730.4	5306.5	5931.3	6185.2	6512.3
12.5°	1845.3	2069.9	2460.4	2821.7	3222.0	3632.0	4100.7	4872.0	5579.8	5931.3	6258.4
15°	1078.9	1352.2	1689.1	2274.9	2807.0	3265.9	3734.5	4515.6	5374.8	5828.8	6229.1
17.5°	546.8	629.7	908.0	1415.7	2118.7	2870.5	3568.6	4564.4	5531.0	6087.5	6419.5
20°	410.1	434.5	512.6	751.8	1449.9	2372.5	3412.3	4637.7	5965.5	6644.1	6824.7
22.5°	356.4	375.9	410.1	488.2	815.3	1816.0	3192.7	4818.3	6556.2	7195.7	7576.5
25°	302.7	322.2	351.5	400.3	522.3	1235.1	2924.2	5008.7	7083.4	7888.9	8245.3
27.5°	263.6	278.3	307.6	346.6	424.7	786.0	2460.4	5262.5	7888.9	8728.6	8821.3
30°	224.6	239.2	263.6	307.6	361.2	556.5	1806.2	5296.7	8333.2	9094.7	9353.4
32.5°	195.3	200.2	229.4	268.5	302.7	439.4	1269.3	5330.9	8660.2	9568.2	9621.9
35°	161.1	170.9	200.2	224.6	263.6	346.6	961.7	5160.0	9084.9	10056.4	10041.8
37.5°	131.8	146.5	166.0	185.5	214.8	292.9	766.4	4842.7	9617.1	10813.1	10354.2
40°	102.5	117.2	136.7	161.1	180.6	263.6	576.0	4364.3	10173.6	11184.1	10695.9
42.5°	73.2	83.0	102.5	126.9	161.1	219.7	414.9	3798.0	10393.3	11618.6	11106.0
45°	53.7	63.5	78.1	107.4	166.0	175.7	288.0	3280.5	10627.6	11809.0	11013.2
47.5°	29.3	39.1	58.6	92.8	146.5	131.8	205.0	2816.8	10896.1	11979.8	11086.5
50°	9.8	14.6	34.2	97.6	117.2	102.5	161.1	2567.8	11159.7	12014.0	11232.9
52.5°	0.0	0.0	19.5	102.5	87.9	78.1	141.6	2470.2	11091.3	12121.4	11140.2
55°	0.0	0.0	4.9	43.9	48.8	58.6	117.2	2465.3	11574.6	12155.6	11647.9
57.5°	0.0	0.0	0.0	14.6	29.3	48.8	102.5	2309.1	11882.2	13005.0	12331.3
60°	0.0	0.0	0.0	4.9	19.5	34.2	78.1	2172.4	12194.6	13385.8	13063.6
62.5°	0.0	0.0	0.0	0.0	4.9	14.6	53.7	1962.5	11564.9	13356.5	13771.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	34.2	1552.4	10403.0	12658.4	13380.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	19.5	1074.0	9109.4	11779.7	12663.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	649.3	7351.9	10329.8	10739.9
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.3	5247.9	8201.3	8811.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.3	3246.4	5994.8	6746.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.9	2104.0	4540.0	5121.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	1122.8	2846.1	3309.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	488.2	1728.1	1991.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	156.2	1049.6	1196.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	161.1	214.8
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: P599359
 CATALOG NUMBER: IFLD-M-SA4D-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3	6922.3
2.5°	7454.4	7596.0	7649.7	7566.7	7576.5	7405.6	7381.2	7142.0	7044.4	7063.9
5°	7796.2	8001.2	8113.5	8020.7	7810.8	7483.7	7185.9	6902.8	6727.1	6639.2
7.5°	7718.1	7947.5	8089.1	8176.9	7937.7	7410.5	6956.5	6424.4	6199.8	6204.7
10°	7288.5	7766.9	8054.9	7942.6	7830.3	7303.1	6600.1	6024.1	5823.9	5843.5
12.5°	6941.9	7474.0	7644.8	7732.7	7503.3	7083.4	6609.9	5950.9	5726.3	5589.6
15°	6727.1	7122.5	7132.2	7268.9	7176.2	7176.2	6712.4	6068.0	5872.7	5721.4
17.5°	6727.1	6814.9	6805.2	6854.0	7010.2	7195.7	6971.1	6541.5	6155.9	6131.5
20°	6878.4	6605.0	6541.5	6561.1	6692.9	7244.5	7542.3	7005.3	6761.2	6683.1
22.5°	7229.9	6629.4	6243.8	6175.4	6580.6	7239.6	7908.4	7737.6	7312.9	7249.4
25°	7713.2	6585.5	6165.7	6077.8	6385.3	7415.4	8411.3	8445.4	8059.8	7928.0
27.5°	8172.1	6780.8	6155.9	6136.4	6541.5	7376.3	8757.9	9011.7	8577.2	8469.8
30°	8328.3	6976.0	6336.5	6077.8	6600.1	7517.9	8748.1	9412.0	9128.9	9153.3
32.5°	8513.8	7171.3	6356.0	6253.5	6849.1	7747.3	9026.4	10056.4	9851.4	9563.4
35°	8787.2	7434.9	6541.5	6448.8	7024.8	7952.4	9084.9	10529.9	10495.8	10158.9
37.5°	9021.5	7693.6	6927.2	6941.9	7561.8	8284.3	9343.7	11110.9	11052.3	10822.8
40°	9187.5	8054.9	7527.7	7566.7	8030.5	8655.3	9802.6	11403.8	11838.3	11501.4
42.5°	9211.9	8377.1	8216.0	8528.4	8962.9	9231.4	9988.1	11603.9	12228.8	12009.1
45°	9304.6	8889.7	9338.8	9568.2	9924.6	9739.1	9978.3	11945.6	12258.1	12145.8
47.5°	9665.9	9822.1	10388.4	11086.5	11213.4	10603.2	10212.6	11999.3	12424.1	12409.4
50°	10041.8	10822.8	11618.6	12082.3	12243.4	11198.7	10432.3	11955.4	12643.7	12526.6
52.5°	10461.6	11691.8	12839.0	13410.2	13322.3	11857.8	10681.3	12311.8	13048.9	13009.9
55°	10725.2	12082.3	13625.0	14420.7	14352.4	12594.9	11472.1	12824.4	13581.0	13483.4
57.5°	11423.3	12717.0	14406.1	14777.1	14957.7	13561.5	12023.8	13664.0	14025.3	14132.7
60°	11999.3	13131.9	14611.1	15148.1	15211.5	14137.6	12990.3	14528.1	14591.6	14230.3
62.5°	12843.9	13293.0	14176.6	14659.9	14987.0	14464.6	13859.3	14991.9	14581.8	14557.4
65°	13463.9	12765.8	13366.2	13634.7	13844.7	13966.7	14733.1	15309.2	14401.2	13927.6
67.5°	13117.3	11769.9	11657.6	11672.3	11735.7	12472.9	14440.2	14533.0	13395.5	13005.0
70°	11545.3	9656.1	9504.8	9621.9	9304.6	10193.1	13254.0	13210.0	11818.7	11413.5
72.5°	9338.8	7039.5	6780.8	6941.9	7015.1	7957.3	11149.9	10017.4	8621.2	8303.9
75°	7420.3	5160.0	4354.5	4745.1	4994.0	5794.6	8709.0	6805.2	6019.2	5589.6
77.5°	5828.8	3905.4	3387.9	3231.7	3461.2	4213.0	6336.5	3573.4	3153.6	2953.5
80°	3695.5	2870.5	3114.6	2890.0	2987.6	3007.2	3300.1	1625.6	1293.7	1279.0
82.5°	2226.1	1962.5	2333.5	1283.9	2338.4	2089.4	1371.8	737.1	654.2	654.2
85°	1576.8	1215.6	805.5	522.3	1039.8	1147.2	532.1	380.8	332.0	322.2
87.5°	790.8	375.9	180.6	117.2	131.8	214.8	63.5	29.3	29.3	24.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)