

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: P599363

Luminaire Tested: **IFLD-L-SA7C-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: P599363
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 3000K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

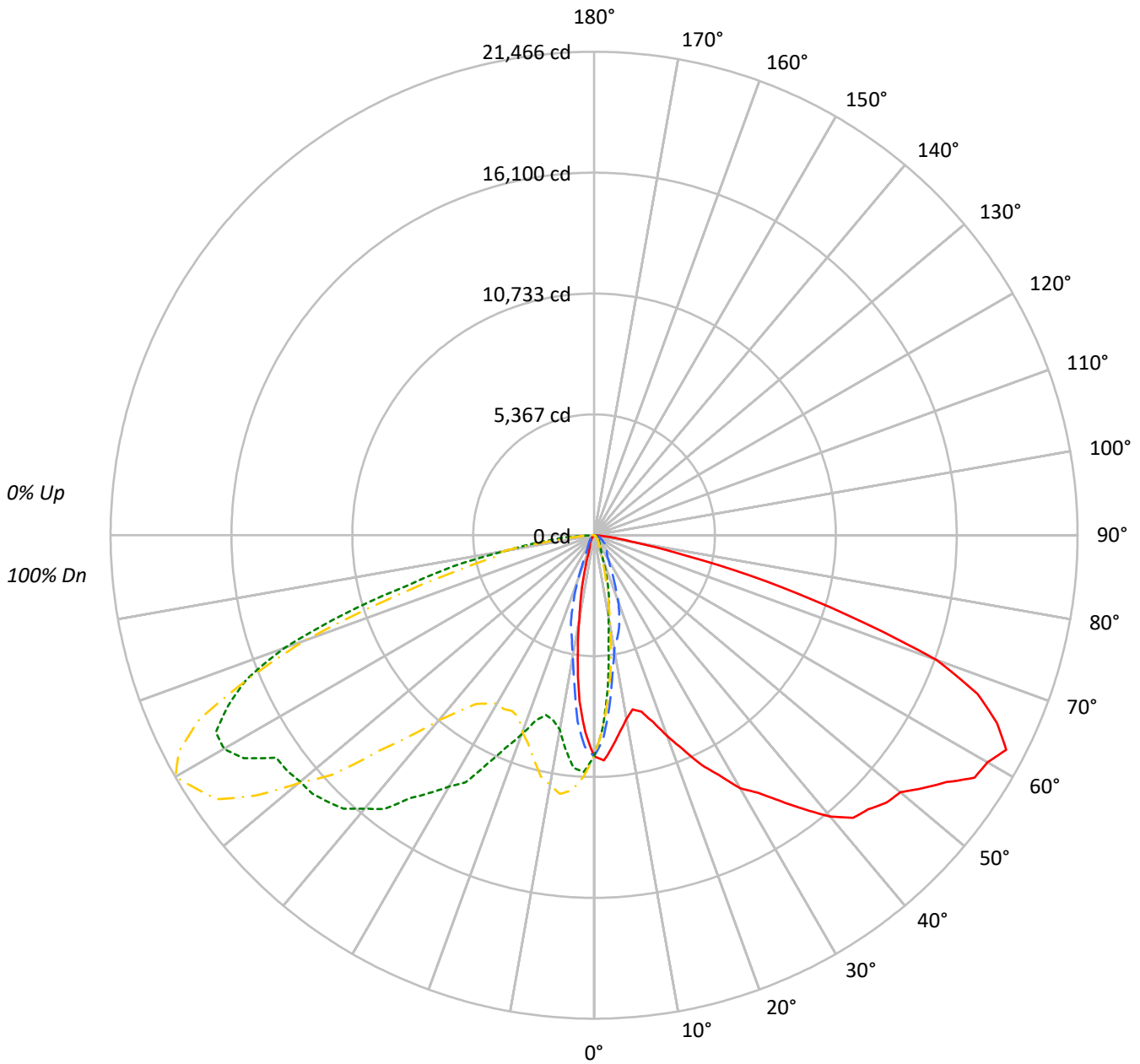
Lumens per Lamp: N/A
 Luminaire Lumens: 25658.7 lumens
 Efficiency: N/A
 Efficacy: 69.5 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 369
 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°	52793	52793	52793	52793
5°	50827	37149	39989	56022
10°	45253	20226	20490	47899
15°	45173	13490	8249	46021
20°	54240	6735	3289	53923
25°	66713	4231	2547	66385
30°	80607	3396	1935	80091
35°	94582	2727	1500	93627
40°	114505	2333	972	111345
45°	130999	2106	527	127366
50°	148625	2027	116	142543
55°	179280	1947	0	161625
60°	217054	1638	0	204173
65°	251335	1322	0	228432
70°	254503	1089	0	230337
75°	164705	719	0	176645
80°	56173	214	0	124997
85°	28196	0	0	91842

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	743.1	2.9
10°-20°	1438.8	5.6
20°-30°	2004.0	7.8
30°-40°	2847.4	11.1
40°-50°	3948.5	15.4
50°-60°	5380.1	21.0
60°-70°	5915.0	23.1
70°-80°	2907.2	11.3
80°-90°	474.7	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°	4185.8	16.3
0°-40°	7033.2	27.4
0°-60°	16361.8	63.8
0°-90°	25658.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25658.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9809	9809	9809	9809	9809	
5°	9408	6876	7402	10370	9408	861
15°	8108	2421	1480	8260	8108	2400
25°	11234	712	429	11179	11234	5223
35°	14396	415	228	14250	14396	9138
45°	17211	277	69	16734	17211	13342
55°	19107	208	0	17225	19107	17188
65°	19736	104	0	17938	19736	19073
75°	7921	35	0	8495	7921	8635
85°	457	0	0	1487	457	632
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°	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3
2.5°	10009.9	10127.5	10016.8	9629.4	9560.2	9373.5	9089.8	9069.1	8771.6	8806.2	8647.1
5°	9408.0	9525.6	9290.4	8778.5	8301.2	7920.7	7692.5	7284.3	7194.4	6993.8	6993.8
7.5°	8792.4	8785.5	8384.2	7955.3	7242.8	6544.1	6225.9	5637.9	5292.0	5105.2	4925.4
10°	8280.5	8169.8	7920.7	7035.3	6260.5	5534.1	5139.8	4752.4	4392.7	4081.4	3770.1
12.5°	7920.7	7989.9	7595.6	6634.1	5631.0	5126.0	4704.0	4295.9	3867.0	3514.2	3168.3
15°	8107.5	7996.8	7533.4	6544.1	5527.2	4835.5	4275.1	3777.1	3299.7	2836.2	2573.4
17.5°	8688.6	8405.0	7858.5	6544.1	5312.8	4392.7	3714.8	3126.8	2614.9	2199.8	1874.7
20°	9470.3	9145.2	8557.2	6786.2	5153.7	4067.6	3140.6	2400.4	1867.8	1480.4	1231.3
22.5°	10272.8	10016.8	9131.3	6883.1	4966.9	3631.8	2476.5	1736.3	1245.2	996.1	871.6
25°	11234.3	10874.6	9906.1	7270.5	4690.2	3209.8	1950.8	1210.6	927.0	795.5	719.4
27.5°	12002.2	11939.9	10632.5	7505.7	4482.7	2863.9	1542.6	961.6	767.9	671.0	622.6
30°	12970.7	12631.7	11517.9	7976.1	4247.5	2469.6	1286.7	864.7	705.6	601.8	567.2
32.5°	13551.7	13392.6	11981.4	8239.0	3984.6	2144.5	1106.8	760.9	643.3	567.2	532.7
35°	14395.7	14077.5	12645.5	8405.0	3846.2	1957.7	996.1	691.8	539.6	463.5	422.0
37.5°	15336.5	15218.9	13441.1	8398.1	3645.6	1847.0	920.1	643.3	511.9	428.9	380.5
40°	16298.1	15820.7	13925.3	8591.8	3541.9	1764.0	864.7	615.7	484.2	408.1	345.9
42.5°	17017.5	16471.0	14485.6	8522.6	3417.3	1618.7	844.0	574.2	463.5	373.6	318.2
45°	17211.2	17017.5	14990.6	8501.8	3327.4	1501.1	809.4	567.2	449.6	352.8	297.5
47.5°	17584.7	17453.3	15613.2	8536.4	3258.2	1411.2	726.4	581.1	428.9	332.0	283.6
50°	17750.8	17515.6	16118.2	8619.4	3099.1	1300.5	650.3	608.8	422.0	325.1	269.8
52.5°	18435.6	18228.1	16810.0	8854.6	2967.7	1155.3	574.2	581.1	435.8	304.4	256.0
55°	19106.6	18871.4	17875.3	9394.2	2780.9	1037.7	491.2	511.9	415.1	276.7	228.3
57.5°	20026.7	19639.3	18587.8	9615.6	2614.9	878.5	435.8	422.0	387.4	249.0	200.6
60°	20165.0	20324.2	18484.0	9477.2	2441.9	774.8	380.5	325.1	415.1	221.4	172.9
62.5°	20628.5	19964.4	17999.8	9159.0	2317.4	712.5	339.0	269.8	359.7	193.7	145.3
65°	19736.1	19245.0	16865.3	8135.2	2158.3	719.4	297.5	221.4	228.3	159.1	117.6
67.5°	18428.7	18041.3	14983.7	7021.4	1999.2	705.6	262.9	193.7	172.9	138.4	103.8
70°	16173.5	15336.5	12728.5	5700.2	1764.0	657.2	221.4	172.9	145.3	110.7	76.1
72.5°	11767.0	11428.0	9131.3	4406.6	1584.1	594.9	207.5	145.3	124.5	83.0	62.3
75°	7920.7	7360.4	5762.4	2891.6	1272.9	518.8	172.9	131.4	96.8	62.3	48.4
77.5°	4185.2	3956.9	3265.1	1376.6	705.6	242.1	96.8	76.1	55.3	48.4	27.7
80°	1812.4	1611.8	1411.2	560.3	249.0	110.7	62.3	41.5	34.6	27.7	13.8
82.5°	927.0	885.5	733.3	242.1	145.3	83.0	34.6	27.7	20.8	13.8	6.9
85°	456.6	470.4	387.4	76.1	83.0	48.4	6.9	6.9	0.0	0.0	0.0
87.5°	34.6	34.6	27.7	13.8	20.8	6.9	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°	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3
2.5°	8584.8	8681.7	8515.7	8619.4	8571.0	8591.8	8612.5	8557.2	8571.0	8764.7	8771.6
5°	6876.2	7063.0	6993.8	7090.6	7256.6	7173.6	7249.7	7235.9	7249.7	7277.4	7401.9
7.5°	4904.6	4849.3	4980.7	5236.7	5534.1	5714.0	5624.1	5575.7	5548.0	5478.8	5561.8
10°	3701.0	3673.3	3638.7	3714.8	3908.5	4109.1	4219.8	4033.0	3929.2	3797.8	3749.4
12.5°	3071.5	2898.5	2801.7	2684.1	2739.4	2919.3	2926.2	2746.3	2580.3	2511.1	2587.2
15°	2421.2	2303.6	2130.6	1964.6	1881.6	2020.0	1902.4	1729.4	1515.0	1487.3	1480.4
17.5°	1729.4	1660.2	1535.7	1466.5	1369.7	1335.1	1210.6	947.7	795.5	754.0	767.9
20°	1176.0	1120.7	1113.7	1051.5	1010.0	982.3	781.7	608.8	560.3	567.2	574.2
22.5°	871.6	844.0	809.4	802.5	767.9	733.3	574.2	511.9	477.3	477.3	498.1
25°	712.5	698.7	664.1	650.3	636.4	588.0	484.2	435.8	422.0	408.1	428.9
27.5°	608.8	601.8	581.1	560.3	546.5	498.1	422.0	380.5	366.6	366.6	366.6
30°	546.5	546.5	518.8	477.3	477.3	422.0	359.7	332.0	318.2	318.2	311.3
32.5°	511.9	498.1	463.5	435.8	415.1	359.7	318.2	290.5	269.8	269.8	276.7
35°	415.1	415.1	408.1	387.4	359.7	304.4	269.8	242.1	228.3	221.4	228.3
37.5°	366.6	345.9	318.2	325.1	311.3	262.9	228.3	207.5	186.8	186.8	186.8
40°	332.0	311.3	283.6	262.9	256.0	235.2	200.6	166.0	145.3	138.4	138.4
42.5°	297.5	283.6	242.1	207.5	200.6	200.6	152.2	124.5	103.8	103.8	103.8
45°	276.7	256.0	221.4	179.9	145.3	152.2	124.5	89.9	76.1	69.2	69.2
47.5°	262.9	242.1	193.7	152.2	110.7	110.7	89.9	62.3	48.4	41.5	41.5
50°	242.1	221.4	172.9	124.5	83.0	69.2	55.3	34.6	20.8	13.8	13.8
52.5°	228.3	207.5	152.2	103.8	69.2	48.4	34.6	6.9	0.0	0.0	0.0
55°	207.5	179.9	131.4	83.0	55.3	27.7	6.9	0.0	0.0	0.0	0.0
57.5°	179.9	159.1	103.8	62.3	34.6	6.9	0.0	0.0	0.0	0.0	0.0
60°	152.2	131.4	83.0	48.4	13.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	124.5	110.7	62.3	27.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	103.8	83.0	48.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	89.9	69.2	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	69.2	48.4	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	48.4	34.6	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	34.6	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	20.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	6.9	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°	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3
2.5°	8799.3	9006.8	9200.5	9255.9	9408.0	9830.0	9830.0	10030.6	10390.4	10521.8	10549.5
5°	7422.7	7644.0	7685.5	8114.4	8315.1	8744.0	9027.6	9705.5	10113.7	10369.6	10528.7
7.5°	5644.8	5720.9	5880.0	6281.3	6675.6	7194.4	7734.0	8598.7	9318.1	9608.7	10148.2
10°	3880.8	4109.1	4455.0	4814.7	5430.4	6004.5	6703.2	7519.5	8405.0	8764.7	9228.2
12.5°	2614.9	2933.1	3486.5	3998.4	4565.7	5146.8	5810.9	6903.8	7906.9	8405.0	8868.5
15°	1528.8	1916.2	2393.5	3223.6	3977.7	4627.9	5292.0	6398.9	7616.4	8259.7	8827.0
17.5°	774.8	892.4	1286.7	2006.1	3002.3	4067.6	5056.8	6468.0	7837.7	8626.4	9096.8
20°	581.1	615.7	726.4	1065.3	2054.6	3362.0	4835.5	6571.8	8453.4	9415.0	9670.9
22.5°	505.0	532.7	581.1	691.8	1155.3	2573.4	4524.2	6827.8	9290.4	10196.7	10736.2
25°	428.9	456.6	498.1	567.2	740.2	1750.2	4143.7	7097.5	10037.6	11179.0	11684.0
27.5°	373.6	394.3	435.8	491.2	601.8	1113.7	3486.5	7457.3	11179.0	12368.8	12500.3
30°	318.2	339.0	373.6	435.8	511.9	788.6	2559.5	7505.7	11808.5	12887.6	13254.3
32.5°	276.7	283.6	325.1	380.5	428.9	622.6	1798.6	7554.1	12272.0	13558.7	13634.8
35°	228.3	242.1	283.6	318.2	373.6	491.2	1362.8	7312.0	12873.8	14250.4	14229.7
37.5°	186.8	207.5	235.2	262.9	304.4	415.1	1086.1	6862.3	13627.8	15322.7	14672.4
40°	145.3	166.0	193.7	228.3	256.0	373.6	816.3	6184.4	14416.5	15848.4	15156.6
42.5°	103.8	117.6	145.3	179.9	228.3	311.3	588.0	5382.0	14727.7	16464.1	15737.7
45°	76.1	89.9	110.7	152.2	235.2	249.0	408.1	4648.7	15059.8	16733.9	15606.3
47.5°	41.5	55.3	83.0	131.4	207.5	186.8	290.5	3991.5	15440.3	16976.0	15710.1
50°	13.8	20.8	48.4	138.4	166.0	145.3	228.3	3638.7	15813.8	17024.4	15917.6
52.5°	0.0	0.0	27.7	145.3	124.5	110.7	200.6	3500.3	15717.0	17176.6	15786.2
55°	0.0	0.0	6.9	62.3	69.2	83.0	166.0	3493.4	16401.8	17225.0	16505.6
57.5°	0.0	0.0	0.0	20.8	41.5	69.2	145.3	3272.1	16837.6	18428.7	17474.1
60°	0.0	0.0	0.0	6.9	27.7	48.4	110.7	3078.4	17280.4	18968.3	18511.7
62.5°	0.0	0.0	0.0	0.0	6.9	20.8	76.1	2780.9	16388.0	18926.8	19514.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	48.4	2199.8	14741.6	17937.6	18961.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	27.7	1521.9	12908.4	16692.4	17944.5
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	920.1	10418.0	14637.8	15218.9
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	394.3	7436.5	11621.7	12486.4
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	159.1	4600.3	8494.9	9560.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.3	2981.5	6433.4	7256.6
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	1591.1	4033.0	4690.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	691.8	2448.9	2822.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	221.4	1487.3	1694.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	228.3	304.4
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: P599363
 CATALOG NUMBER: IFLD-L-SA7C-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3	9809.3
2.5°	10563.3	10763.9	10840.0	10722.4	10736.2	10494.1	10459.5	10120.6	9982.2	10009.9
5°	11047.5	11338.1	11497.2	11365.8	11068.3	10604.8	10182.8	9781.6	9532.6	9408.0
7.5°	10936.9	11262.0	11462.6	11587.1	11248.2	10501.0	9857.7	9103.7	8785.5	8792.4
10°	10328.1	11006.0	11414.2	11255.1	11096.0	10348.9	9352.7	8536.4	8252.8	8280.5
12.5°	9836.9	10591.0	10833.1	10957.6	10632.5	10037.6	9366.5	8432.7	8114.4	7920.7
15°	9532.6	10092.9	10106.7	10300.4	10169.0	10169.0	9511.8	8598.7	8322.0	8107.5
17.5°	9532.6	9657.1	9643.2	9712.4	9933.8	10196.7	9878.5	9269.7	8723.2	8688.6
20°	9747.0	9359.6	9269.7	9297.4	9484.1	10265.8	10687.8	9926.9	9581.0	9470.3
22.5°	10245.1	9394.2	8847.7	8750.9	9325.0	10258.9	11206.6	10964.5	10362.7	10272.8
25°	10929.9	9332.0	8737.0	8612.5	9048.3	10508.0	11919.2	11967.6	11421.1	11234.3
27.5°	11580.2	9608.7	8723.2	8695.5	9269.7	10452.6	12410.3	12770.0	12154.4	12002.2
30°	11801.6	9885.4	8979.2	8612.5	9352.7	10653.2	12396.5	13337.3	12936.1	12970.7
32.5°	12064.4	10162.1	9006.8	8861.6	9705.5	10978.4	12790.8	14250.4	13959.9	13551.7
35°	12451.8	10535.6	9269.7	9138.3	9954.5	11268.9	12873.8	14921.4	14873.0	14395.7
37.5°	12783.9	10902.3	9816.2	9836.9	10715.5	11739.3	13240.4	15744.6	15661.6	15336.5
40°	13019.1	11414.2	10667.1	10722.4	11379.6	12265.1	13890.7	16159.7	16775.4	16298.1
42.5°	13053.7	11870.7	11642.5	12085.2	12700.9	13081.3	14153.6	16443.3	17328.8	17017.5
45°	13185.1	12597.1	13233.5	13558.7	14063.6	13800.8	14139.7	16927.6	17370.3	17211.2
47.5°	13697.0	13918.4	14720.8	15710.1	15889.9	15025.2	14471.8	17003.7	17605.5	17584.7
50°	14229.7	15336.5	16464.1	17121.3	17349.5	15869.2	14783.1	16941.4	17916.8	17750.8
52.5°	14824.6	16567.9	18193.5	19002.9	18878.4	16803.1	15135.9	17446.4	18491.0	18435.6
55°	15198.1	17121.3	19307.3	20434.8	20338.0	17847.6	16256.6	18172.8	19245.0	19106.6
57.5°	16187.4	18020.6	20414.1	20939.8	21195.8	19217.3	17038.3	19362.6	19874.5	20026.7
60°	17003.7	18608.6	20704.6	21465.6	21555.5	20033.6	18408.0	20587.0	20677.0	20165.0
62.5°	18200.4	18836.9	20089.0	20773.8	21237.3	20497.1	19639.3	21244.2	20663.1	20628.5
65°	19079.0	18089.7	18940.6	19321.1	19618.5	19791.5	20877.6	21693.9	20407.2	19736.1
67.5°	18587.8	16678.5	16519.4	16540.2	16630.1	17674.7	20462.5	20593.9	18982.1	18428.7
70°	16360.3	13683.2	13468.7	13634.8	13185.1	14444.1	18781.5	18719.2	16747.7	16173.5
72.5°	13233.5	9975.3	9608.7	9836.9	9940.7	11275.8	15800.0	14195.1	12216.6	11767.0
75°	10514.9	7312.0	6170.6	6724.0	7076.8	8211.3	12341.1	9643.2	8529.5	7920.7
77.5°	8259.7	5534.1	4800.9	4579.5	4904.6	5970.0	8979.2	5063.7	4468.8	4185.2
80°	5236.7	4067.6	4413.5	4095.3	4233.6	4261.3	4676.4	2303.6	1833.2	1812.4
82.5°	3154.5	2780.9	3306.7	1819.4	3313.6	2960.8	1943.9	1044.6	927.0	927.0
85°	2234.4	1722.5	1141.4	740.2	1473.5	1625.7	754.0	539.6	470.4	456.6
87.5°	1120.7	532.7	256.0	166.0	186.8	304.4	89.9	41.5	41.5	34.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)