

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: P599354

Luminaire Tested: **IFLD-S-SA6D-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: P599354
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

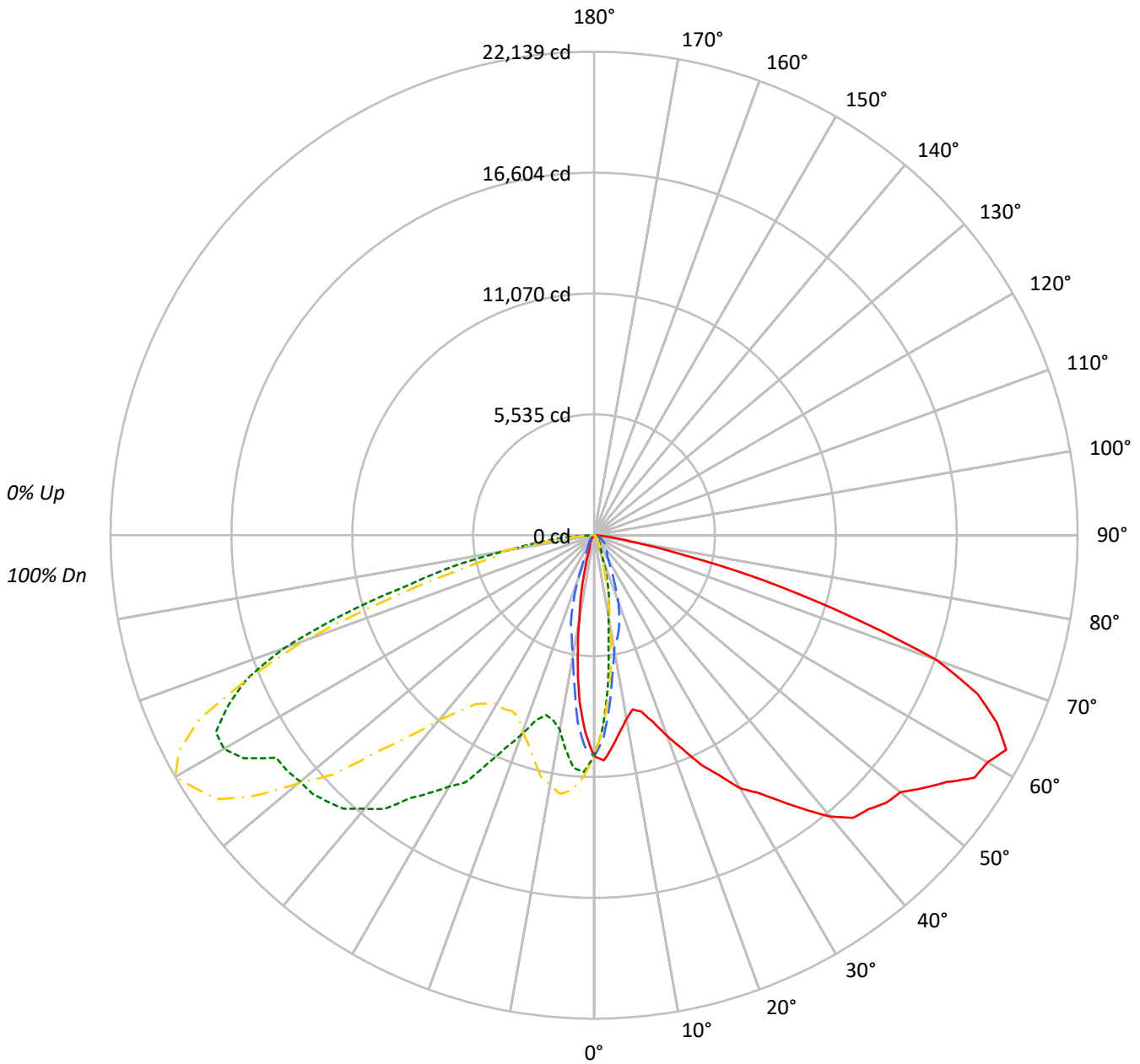
Lumens per Lamp: N/A
 Luminaire Lumens: 26463.7 lumens
 Efficiency: N/A
 Efficacy: 71.9 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 368.2
 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

TEST NUMBER: P599354
CATALOG NUMBER: IFLD-S-SA6D-830-U-SLR-HSS

Luminous Intensity Polar Plot



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

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CATALOG NUMBER: IFLD-S-SA6D-830-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	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°	72600	72600	72600	72600
5°	69896	51085	54992	77040
10°	62230	27814	28177	65869
15°	62121	18552	11343	63288
20°	74589	9262	4522	74153
25°	91742	5819	3503	91290
30°	110848	4670	2661	110138
35°	130066	3750	2062	128754
40°	157463	3208	1337	153119
45°	180145	2896	724	175149
50°	204383	2788	160	196020
55°	246542	2677	0	222262
60°	298488	2253	0	280773
65°	345629	1817	0	314132
70°	349985	1496	0	316753
75°	226500	990	0	242919
80°	77248	293	0	171894
85°	38771	0	0	126301

TEST NUMBER: P599354
 CATALOG NUMBER: IFLD-S-SA6D-830-U-SLR-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	766.4	2.9
10°-20°	1484.0	5.6
20°-30°	2066.8	7.8
30°-40°	2936.7	11.1
40°-50°	4072.4	15.4
50°-60°	5548.9	21.0
60°-70°	6100.6	23.1
70°-80°	2998.4	11.3
80°-90°	489.6	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°	4317.2	16.3
0°-40°	7253.9	27.4
0°-60°	16875.2	63.8
0°-90°	26463.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26463.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10117	10117	10117	10117	10117	
5°	9703	7092	7634	10695	9703	888
15°	8362	2497	1527	8519	8362	2475
25°	11587	735	442	11530	11587	5387
35°	14847	428	235	14698	14847	9425
45°	17751	285	71	17259	17751	13760
55°	19706	214	0	17766	19706	17727
65°	20355	107	0	18500	20355	19671
75°	8169	36	0	8762	8169	8906
85°	471	0	0	1534	471	651
90°	0	0	0	0	0	

TEST NUMBER: P599354
 CATALOG NUMBER: IFLD-S-SA6D-830-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1
2.5°	10324.0	10445.3	10331.1	9931.6	9860.2	9667.6	9375.0	9353.6	9046.9	9082.5	8918.4
5°	9703.2	9824.5	9582.0	9054.0	8561.7	8169.3	7933.8	7512.9	7420.1	7213.2	7213.2
7.5°	9068.3	9061.1	8647.3	8205.0	7470.1	6749.5	6421.3	5814.8	5458.1	5265.4	5079.9
10°	8540.3	8426.1	8169.3	7256.0	6456.9	5707.8	5301.1	4901.6	4530.6	4209.5	3888.4
12.5°	8169.3	8240.6	7833.9	6842.2	5807.7	5286.8	4851.6	4430.7	3988.3	3624.4	3267.7
15°	8361.9	8247.8	7769.7	6749.5	5700.7	4987.2	4409.3	3895.6	3403.3	2925.2	2654.1
17.5°	8961.2	8668.7	8105.1	6749.5	5479.5	4530.6	3831.4	3224.9	2696.9	2268.8	1933.5
20°	9767.5	9432.1	8825.7	6999.2	5315.4	4195.2	3239.2	2475.8	1926.4	1526.8	1270.0
22.5°	10595.1	10331.1	9417.9	7099.1	5122.7	3745.7	2554.2	1790.8	1284.3	1027.4	899.0
25°	11586.8	11215.8	10216.9	7498.6	4837.4	3310.5	2012.0	1248.6	956.1	820.5	742.0
27.5°	12378.8	12314.6	10966.1	7741.2	4623.3	2953.8	1591.0	991.7	792.0	692.1	642.1
30°	13377.6	13028.0	11879.3	8226.4	4380.7	2547.1	1327.1	891.8	727.7	620.7	585.0
32.5°	13977.0	13812.9	12357.4	8497.5	4109.6	2211.8	1141.6	784.8	663.5	585.0	549.4
35°	14847.4	14519.2	13042.3	8668.7	3966.9	2019.1	1027.4	713.5	556.5	478.0	435.2
37.5°	15817.7	15696.4	13862.8	8661.6	3760.0	1905.0	948.9	663.5	528.0	442.4	392.4
40°	16809.4	16317.2	14362.2	8861.3	3653.0	1819.4	891.8	635.0	499.4	420.9	356.7
42.5°	17551.5	16987.8	14940.1	8790.0	3524.6	1669.5	870.4	592.2	478.0	385.3	328.2
45°	17751.2	17551.5	15461.0	8768.6	3431.8	1548.2	834.8	585.0	463.8	363.9	306.8
47.5°	18136.5	18001.0	16103.1	8804.3	3360.5	1455.5	749.1	599.3	442.4	342.5	292.5
50°	18307.7	18065.2	16623.9	8889.9	3196.4	1341.3	670.7	627.9	435.2	335.3	278.3
52.5°	19014.1	18800.0	17337.4	9132.5	3060.8	1191.5	592.2	599.3	449.5	313.9	264.0
55°	19706.2	19463.6	18436.2	9689.0	2868.2	1070.2	506.6	528.0	428.1	285.4	235.4
57.5°	20655.1	20255.5	19171.0	9917.3	2696.9	906.1	449.5	435.2	399.5	256.9	206.9
60°	20797.8	20961.9	19064.0	9774.6	2518.6	799.1	392.4	335.3	428.1	228.3	178.4
62.5°	21275.8	20590.9	18564.6	9446.4	2390.1	734.9	349.6	278.3	371.0	199.8	149.8
65°	20355.4	19848.8	17394.5	8390.5	2226.0	742.0	306.8	228.3	235.4	164.1	121.3
67.5°	19007.0	18607.4	15453.8	7241.8	2061.9	727.7	271.1	199.8	178.4	142.7	107.0
70°	16681.0	15817.7	13127.9	5879.0	1819.4	677.8	228.3	178.4	149.8	114.2	78.5
72.5°	12136.2	11786.6	9417.9	4544.8	1633.9	613.6	214.0	149.8	128.4	85.6	64.2
75°	8169.3	7591.4	5943.2	2982.3	1312.8	535.1	178.4	135.6	99.9	64.2	49.9
77.5°	4316.5	4081.1	3367.6	1419.8	727.7	249.7	99.9	78.5	57.1	49.9	28.5
80°	1869.3	1662.4	1455.5	577.9	256.9	114.2	64.2	42.8	35.7	28.5	14.3
82.5°	956.1	913.2	756.3	249.7	149.8	85.6	35.7	28.5	21.4	14.3	7.1
85°	470.9	485.2	399.5	78.5	85.6	49.9	7.1	7.1	0.0	0.0	0.0
87.5°	35.7	35.7	28.5	14.3	21.4	7.1	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: P599354
 CATALOG NUMBER: IFLD-S-SA6D-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1
2.5°	8854.2	8954.1	8782.9	8889.9	8839.9	8861.3	8882.8	8825.7	8839.9	9039.7	9046.9
5°	7091.9	7284.6	7213.2	7313.1	7484.3	7398.7	7477.2	7462.9	7477.2	7505.7	7634.2
7.5°	5058.5	5001.5	5137.0	5401.0	5707.8	5893.3	5800.5	5750.6	5722.1	5650.7	5736.3
10°	3817.1	3788.5	3752.9	3831.4	4031.1	4238.0	4352.2	4159.6	4052.5	3917.0	3867.0
12.5°	3167.8	2989.5	2889.6	2768.3	2825.4	3010.9	3018.0	2832.5	2661.3	2589.9	2668.4
15°	2497.2	2375.9	2197.5	2026.3	1940.6	2083.3	1962.1	1783.7	1562.5	1534.0	1526.8
17.5°	1783.7	1712.3	1583.9	1512.6	1412.7	1377.0	1248.6	977.5	820.5	777.7	792.0
20°	1212.9	1155.8	1148.7	1084.5	1041.7	1013.1	806.2	627.9	577.9	585.0	592.2
22.5°	899.0	870.4	834.8	827.6	792.0	756.3	592.2	528.0	492.3	492.3	513.7
25°	734.9	720.6	684.9	670.7	656.4	606.5	499.4	449.5	435.2	420.9	442.4
27.5°	627.9	620.7	599.3	577.9	563.6	513.7	435.2	392.4	378.1	378.1	378.1
30°	563.6	563.6	535.1	492.3	492.3	435.2	371.0	342.5	328.2	328.2	321.1
32.5°	528.0	513.7	478.0	449.5	428.1	371.0	328.2	299.7	278.3	278.3	285.4
35°	428.1	428.1	420.9	399.5	371.0	313.9	278.3	249.7	235.4	228.3	235.4
37.5°	378.1	356.7	328.2	335.3	321.1	271.1	235.4	214.0	192.6	192.6	192.6
40°	342.5	321.1	292.5	271.1	264.0	242.6	206.9	171.2	149.8	142.7	142.7
42.5°	306.8	292.5	249.7	214.0	206.9	206.9	157.0	128.4	107.0	107.0	107.0
45°	285.4	264.0	228.3	185.5	149.8	157.0	128.4	92.8	78.5	71.3	71.3
47.5°	271.1	249.7	199.8	157.0	114.2	114.2	92.8	64.2	49.9	42.8	42.8
50°	249.7	228.3	178.4	128.4	85.6	71.3	57.1	35.7	21.4	14.3	14.3
52.5°	235.4	214.0	157.0	107.0	71.3	49.9	35.7	7.1	0.0	0.0	0.0
55°	214.0	185.5	135.6	85.6	57.1	28.5	7.1	0.0	0.0	0.0	0.0
57.5°	185.5	164.1	107.0	64.2	35.7	7.1	0.0	0.0	0.0	0.0	0.0
60°	157.0	135.6	85.6	49.9	14.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	128.4	114.2	64.2	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	107.0	85.6	49.9	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	92.8	71.3	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	71.3	49.9	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	49.9	35.7	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	35.7	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.1	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: P599354
 CATALOG NUMBER: IFLD-S-SA6D-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1
2.5°	9075.4	9289.4	9489.2	9546.3	9703.2	10138.5	10138.5	10345.4	10716.4	10851.9	10880.5
5°	7655.6	7883.9	7926.7	8369.1	8576.0	9018.3	9310.8	10010.0	10431.0	10695.0	10859.1
7.5°	5821.9	5900.4	6064.5	6478.3	6885.0	7420.1	7976.6	8868.5	9610.5	9910.2	10466.7
10°	4002.6	4238.0	4594.8	4965.8	5600.8	6193.0	6913.6	7755.5	8668.7	9039.7	9517.7
12.5°	2696.9	3025.1	3595.9	4123.9	4708.9	5308.2	5993.2	7120.5	8155.0	8668.7	9146.7
15°	1576.8	1976.3	2468.6	3324.8	4102.5	4773.1	5458.1	6599.6	7855.3	8518.9	9103.9
17.5°	799.1	920.4	1327.1	2069.1	3096.5	4195.2	5215.5	6671.0	8083.7	8897.0	9382.2
20°	599.3	635.0	749.1	1098.8	2119.0	3467.5	4987.2	6778.0	8718.7	9710.4	9974.4
22.5°	520.8	549.4	599.3	713.5	1191.5	2654.1	4666.1	7042.0	9582.0	10516.6	11073.1
25°	442.4	470.9	513.7	585.0	763.4	1805.1	4273.7	7320.2	10352.5	11529.7	12050.6
27.5°	385.3	406.7	449.5	506.6	620.7	1148.7	3595.9	7691.3	11529.7	12756.9	12892.5
30°	328.2	349.6	385.3	449.5	528.0	813.4	2639.9	7741.2	12179.0	13292.0	13670.2
32.5°	285.4	292.5	335.3	392.4	442.4	642.1	1855.0	7791.1	12657.0	13984.1	14062.6
35°	235.4	249.7	292.5	328.2	385.3	506.6	1405.5	7541.4	13277.8	14697.6	14676.2
37.5°	192.6	214.0	242.6	271.1	313.9	428.1	1120.2	7077.7	14055.4	15803.5	15132.8
40°	149.8	171.2	199.8	235.4	264.0	385.3	841.9	6378.5	14868.8	16345.7	15632.2
42.5°	107.0	121.3	149.8	185.5	235.4	321.1	606.5	5550.8	15189.9	16980.7	16231.5
45°	78.5	92.8	114.2	157.0	242.6	256.9	420.9	4794.5	15532.3	17258.9	16096.0
47.5°	42.8	57.1	85.6	135.6	214.0	192.6	299.7	4116.7	15924.7	17508.7	16203.0
50°	14.3	21.4	49.9	142.7	171.2	149.8	235.4	3752.9	16310.0	17558.6	16417.0
52.5°	0.0	0.0	28.5	149.8	128.4	114.2	206.9	3610.2	16210.1	17715.6	16281.5
55°	0.0	0.0	7.1	64.2	71.3	85.6	171.2	3603.0	16916.5	17765.5	17023.5
57.5°	0.0	0.0	0.0	21.4	42.8	71.3	149.8	3374.7	17366.0	19007.0	18022.4
60°	0.0	0.0	0.0	7.1	28.5	49.9	114.2	3175.0	17822.6	19563.5	19092.6
62.5°	0.0	0.0	0.0	0.0	7.1	21.4	78.5	2868.2	16902.2	19520.7	20127.1
65°	0.0	0.0	0.0	0.0	0.0	0.0	49.9	2268.8	15204.1	18500.4	19556.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	28.5	1569.6	13313.4	17216.1	18507.5
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	948.9	10744.9	15097.1	15696.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	406.7	7669.8	11986.4	12878.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164.1	4744.6	8761.5	9860.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64.2	3075.1	6635.3	7484.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	1641.0	4159.6	4837.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	713.5	2525.7	2911.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	228.3	1534.0	1748.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	235.4	313.9
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: P599354
 CATALOG NUMBER: IFLD-S-SA6D-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1	10117.1
2.5°	10894.7	11101.7	11180.1	11058.8	11073.1	10823.4	10787.7	10438.1	10295.4	10324.0
5°	11394.2	11693.8	11857.9	11722.4	11415.6	10937.6	10502.3	10088.5	9831.7	9703.2
7.5°	11280.0	11615.4	11822.3	11950.7	11601.1	10830.5	10167.0	9389.3	9061.1	9068.3
10°	10652.2	11351.4	11772.3	11608.2	11444.1	10673.6	9646.2	8804.3	8511.7	8540.3
12.5°	10145.6	10923.3	11173.0	11301.4	10966.1	10352.5	9660.4	8697.2	8369.1	8169.3
15°	9831.7	10409.6	10423.9	10623.6	10488.1	10488.1	9810.3	8868.5	8583.1	8361.9
17.5°	9831.7	9960.1	9945.8	10017.2	10245.5	10516.6	10188.4	9560.6	8996.9	8961.2
20°	10052.9	9653.3	9560.6	9589.1	9781.7	10588.0	11023.2	10238.4	9881.6	9767.5
22.5°	10566.6	9689.0	9125.3	9025.4	9617.6	10580.8	11558.3	11308.6	10687.8	10595.1
25°	11272.9	9624.8	9011.2	8882.8	9332.2	10837.7	12293.2	12343.1	11779.5	11586.8
27.5°	11943.6	9910.2	8996.9	8968.4	9560.6	10780.6	12799.7	13170.7	12535.7	12378.8
30°	12171.9	10195.5	9260.9	8882.8	9646.2	10987.5	12785.5	13755.8	13342.0	13377.6
32.5°	12443.0	10480.9	9289.4	9139.6	10010.0	11322.8	13192.1	14697.6	14397.9	13977.0
35°	12842.5	10866.2	9560.6	9425.0	10266.9	11622.5	13277.8	15389.6	15339.7	14847.4
37.5°	13185.0	11244.4	10124.2	10145.6	11051.7	12107.7	13655.9	16238.7	16153.1	15817.7
40°	13427.6	11772.3	11001.8	11058.8	11736.6	12649.9	14326.6	16666.8	17301.7	16809.4
42.5°	13463.3	12243.2	12007.8	12464.4	13099.4	13491.8	14597.7	16959.3	17872.5	17551.5
45°	13598.8	12992.4	13648.8	13984.1	14504.9	14233.8	14583.4	17458.7	17915.3	17751.2
47.5°	14126.8	14355.1	15182.7	16203.0	16388.5	15496.7	14925.9	17537.2	18157.9	18136.5
50°	14676.2	15817.7	16980.7	17658.5	17893.9	16367.1	15246.9	17473.0	18479.0	18307.7
52.5°	15289.8	17087.7	18764.4	19599.1	19470.7	17330.3	15610.8	17993.8	19071.2	19014.1
55°	15675.0	17658.5	19913.1	21076.0	20976.1	18407.6	16766.6	18743.0	19848.8	19706.2
57.5°	16695.3	18586.0	21054.6	21596.9	21860.8	19820.3	17572.9	19970.1	20498.1	20655.1
60°	17537.2	19192.5	21354.3	22139.1	22231.9	20662.2	18985.5	21233.0	21325.7	20797.8
62.5°	18771.5	19427.9	20719.3	21425.6	21903.7	21140.2	20255.5	21910.8	21311.5	21275.8
65°	19677.6	18657.3	19534.9	19927.3	20234.1	20412.5	21532.6	22374.5	21047.5	20355.4
67.5°	19171.0	17201.9	17037.8	17059.2	17151.9	18229.3	21104.6	21240.1	19577.7	19007.0
70°	16873.7	14112.5	13891.3	14062.6	13598.8	14897.3	19370.8	19306.6	17273.2	16681.0
72.5°	13648.8	10288.3	9910.2	10145.6	10252.6	11629.6	16295.7	14640.5	12600.0	12136.2
75°	10844.8	7541.4	6364.2	6935.0	7298.8	8468.9	12728.4	9945.8	8797.1	8169.3
77.5°	8518.9	5707.8	4951.5	4723.2	5058.5	6157.3	9260.9	5222.6	4609.0	4316.5
80°	5401.0	4195.2	4552.0	4223.8	4366.5	4395.0	4823.1	2375.9	1890.7	1869.3
82.5°	3253.4	2868.2	3410.4	1876.4	3417.5	3053.7	2004.9	1077.3	956.1	956.1
85°	2304.5	1776.6	1177.2	763.4	1519.7	1676.7	777.7	556.5	485.2	470.9
87.5°	1155.8	549.4	264.0	171.2	192.6	313.9	92.8	42.8	42.8	35.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)