

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: P599347

Luminaire Tested: **IFLD-S-SA3B-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: P599347
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

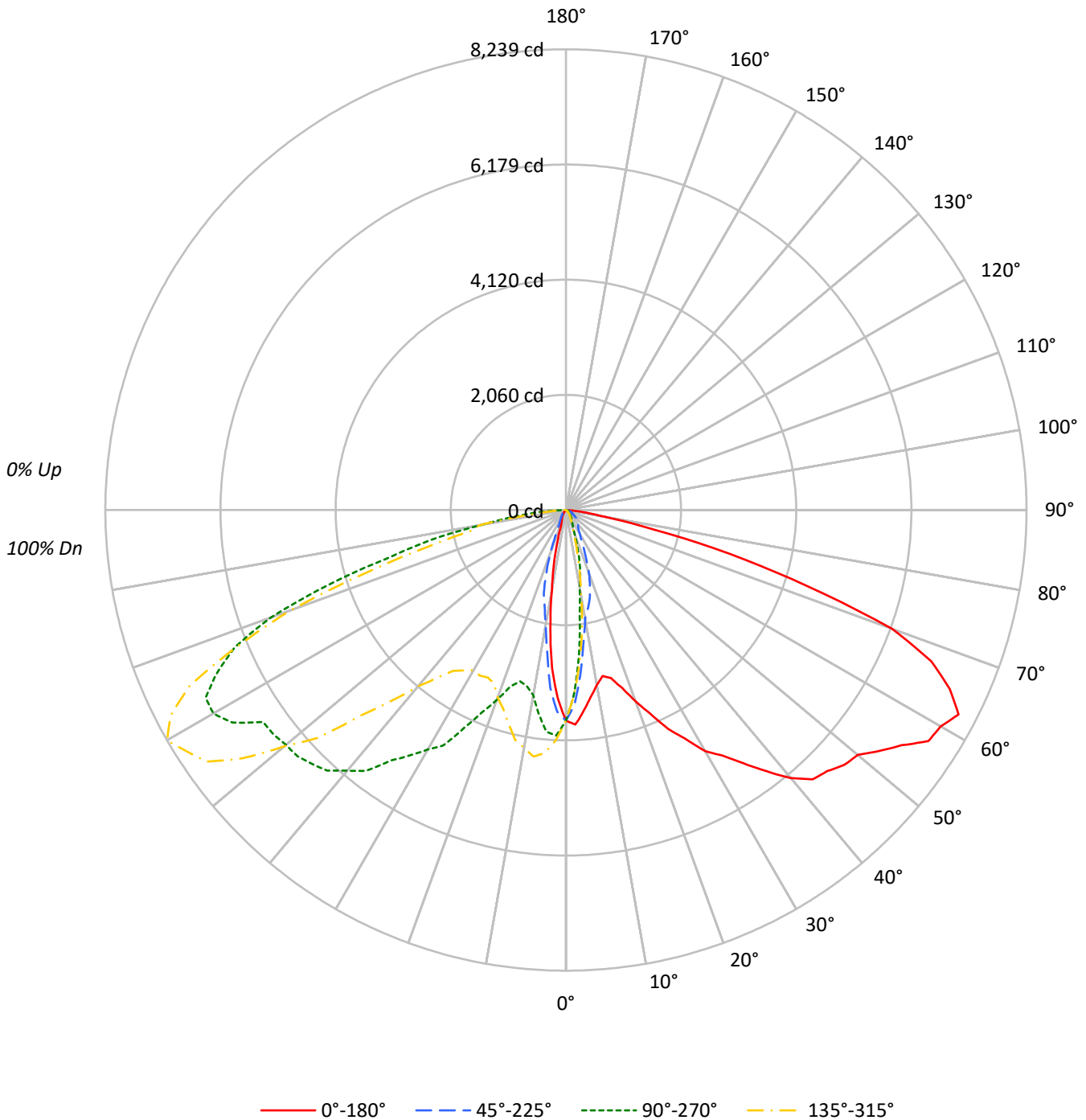
Lumens per Lamp: N/A
 Luminaire Lumens: 9848.8 lumens
 Efficiency: N/A
 Efficacy: 80.5 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 122.4
 Input Voltage (V): 120
 Input Current (A_{in}): 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	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°	54038	54038	54038	54038
5°	52026	38024	40931	57342
10°	46320	20703	20974	49027
15°	46239	13808	8442	47106
20°	55519	6894	3366	55193
25°	68286	4331	2607	67949
30°	82506	3477	1980	81979
35°	96811	2791	1535	95835
40°	117203	2389	995	113969
45°	134086	2156	540	130367
50°	152127	2074	118	145902
55°	183507	1994	0	165434
60°	222170	1676	0	208984
65°	257260	1352	0	233814
70°	260501	1116	0	235764
75°	168589	738	0	180810
80°	57499	223	0	127941
85°	28850	0	0	94010

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	285.2	2.9
10°-20°	552.3	5.6
20°-30°	769.2	7.8
30°-40°	1092.9	11.1
40°-50°	1515.6	15.4
50°-60°	2065.1	21.0
60°-70°	2270.4	23.1
70°-80°	1115.9	11.3
80°-90°	182.2	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°	1606.7	16.3
0°-40°	2699.6	27.4
0°-60°	6280.3	63.8
0°-90°	9848.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9848.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3765	3765	3765	3765	3765	
5°	3611	2639	2841	3980	3611	330
15°	3112	929	568	3170	3112	921
25°	4312	274	165	4291	4312	2005
35°	5526	159	88	5470	5526	3507
45°	6606	106	27	6423	6606	5121
55°	7334	80	0	6612	7334	6597
65°	7576	40	0	6885	7576	7321
75°	3040	13	0	3261	3040	3315
85°	175	0	0	571	175	242
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°	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2
2.5°	3842.2	3887.3	3844.8	3696.1	3669.6	3597.9	3489.0	3481.1	3366.9	3380.2	3319.1
5°	3611.2	3656.3	3566.0	3369.5	3186.3	3040.3	2952.7	2796.0	2761.5	2684.5	2684.5
7.5°	3374.8	3372.2	3218.2	3053.6	2780.1	2511.9	2389.7	2164.0	2031.3	1959.6	1890.6
10°	3178.4	3135.9	3040.3	2700.4	2403.0	2124.2	1972.9	1824.2	1686.1	1566.6	1447.1
12.5°	3040.3	3066.8	2915.5	2546.4	2161.4	1967.6	1805.6	1648.9	1484.3	1348.9	1216.1
15°	3112.0	3069.5	2891.6	2511.9	2121.6	1856.0	1641.0	1449.8	1266.6	1088.7	987.8
17.5°	3335.0	3226.2	3016.4	2511.9	2039.2	1686.1	1425.9	1200.2	1003.7	844.4	719.6
20°	3635.1	3510.3	3284.6	2604.8	1978.2	1561.3	1205.5	921.4	716.9	568.2	472.6
22.5°	3943.1	3844.8	3505.0	2642.0	1906.5	1394.0	950.6	666.5	477.9	382.4	334.6
25°	4312.2	4174.1	3802.3	2790.7	1800.3	1232.0	748.8	464.7	355.8	305.4	276.1
27.5°	4606.9	4583.0	4081.1	2881.0	1720.6	1099.3	592.1	369.1	294.7	257.6	239.0
30°	4978.6	4848.5	4421.0	3061.5	1630.3	947.9	493.9	331.9	270.8	231.0	217.7
32.5°	5201.7	5140.6	4598.9	3162.4	1529.4	823.1	424.8	292.1	246.9	217.7	204.5
35°	5525.6	5403.5	4853.8	3226.2	1476.3	751.4	382.4	265.5	207.1	177.9	162.0
37.5°	5886.7	5841.6	5159.2	3223.5	1399.3	709.0	353.2	246.9	196.5	164.6	146.0
40°	6255.8	6072.6	5345.1	3297.8	1359.5	677.1	331.9	236.3	185.9	156.7	132.8
42.5°	6532.0	6322.2	5560.1	3271.3	1311.7	621.3	323.9	220.4	177.9	143.4	122.1
45°	6606.3	6532.0	5754.0	3263.3	1277.2	576.2	310.7	217.7	172.6	135.4	114.2
47.5°	6749.7	6699.2	5992.9	3276.6	1250.6	541.7	278.8	223.0	164.6	127.5	108.9
50°	6813.4	6723.1	6186.8	3308.5	1189.6	499.2	249.6	233.7	162.0	124.8	103.6
52.5°	7076.3	6996.6	6452.3	3398.7	1139.1	443.4	220.4	223.0	167.3	116.8	98.2
55°	7333.9	7243.6	6861.2	3605.9	1067.4	398.3	188.5	196.5	159.3	106.2	87.6
57.5°	7687.0	7538.3	7134.7	3690.8	1003.7	337.2	167.3	162.0	148.7	95.6	77.0
60°	7740.1	7801.2	7094.9	3637.7	937.3	297.4	146.0	124.8	159.3	85.0	66.4
62.5°	7918.0	7663.1	6909.0	3515.6	889.5	273.5	130.1	103.6	138.1	74.3	55.8
65°	7575.5	7387.0	6473.5	3122.6	828.4	276.1	114.2	85.0	87.6	61.1	45.1
67.5°	7073.6	6924.9	5751.3	2695.1	767.4	270.8	100.9	74.3	66.4	53.1	39.8
70°	6208.0	5886.7	4885.7	2187.9	677.1	252.3	85.0	66.4	55.8	42.5	29.2
72.5°	4516.6	4386.5	3505.0	1691.4	608.1	228.4	79.7	55.8	47.8	31.9	23.9
75°	3040.3	2825.2	2211.8	1109.9	488.6	199.1	66.4	50.5	37.2	23.9	18.6
77.5°	1606.4	1518.8	1253.3	528.4	270.8	92.9	37.2	29.2	21.2	18.6	10.6
80°	695.7	618.7	541.7	215.1	95.6	42.5	23.9	15.9	13.3	10.6	5.3
82.5°	355.8	339.9	281.5	92.9	55.8	31.9	13.3	10.6	8.0	5.3	2.7
85°	175.2	180.6	148.7	29.2	31.9	18.6	2.7	2.7	0.0	0.0	0.0
87.5°	13.3	13.3	10.6	5.3	8.0	2.7	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°	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2
2.5°	3295.2	3332.4	3268.6	3308.5	3289.9	3297.8	3305.8	3284.6	3289.9	3364.2	3366.9
5°	2639.3	2711.0	2684.5	2721.7	2785.4	2753.5	2782.7	2777.4	2782.7	2793.3	2841.1
7.5°	1882.6	1861.3	1911.8	2010.0	2124.2	2193.3	2158.7	2140.1	2129.5	2103.0	2134.8
10°	1420.6	1409.9	1396.7	1425.9	1500.2	1577.2	1619.7	1548.0	1508.2	1457.7	1439.2
12.5°	1178.9	1112.6	1075.4	1030.2	1051.5	1120.5	1123.2	1054.1	990.4	963.9	993.1
15°	929.3	884.2	817.8	754.1	722.2	775.3	730.2	663.8	581.5	570.9	568.2
17.5°	663.8	637.3	589.5	562.9	525.7	512.5	464.7	363.8	305.4	289.4	294.7
20°	451.4	430.2	427.5	403.6	387.7	377.0	300.0	233.7	215.1	217.7	220.4
22.5°	334.6	323.9	310.7	308.0	294.7	281.5	220.4	196.5	183.2	183.2	191.2
25°	273.5	268.2	254.9	249.6	244.3	225.7	185.9	167.3	162.0	156.7	164.6
27.5°	233.7	231.0	223.0	215.1	209.8	191.2	162.0	146.0	140.7	140.7	140.7
30°	209.8	209.8	199.1	183.2	183.2	162.0	138.1	127.5	122.1	122.1	119.5
32.5°	196.5	191.2	177.9	167.3	159.3	138.1	122.1	111.5	103.6	103.6	106.2
35°	159.3	159.3	156.7	148.7	138.1	116.8	103.6	92.9	87.6	85.0	87.6
37.5°	140.7	132.8	122.1	124.8	119.5	100.9	87.6	79.7	71.7	71.7	71.7
40°	127.5	119.5	108.9	100.9	98.2	90.3	77.0	63.7	55.8	53.1	53.1
42.5°	114.2	108.9	92.9	79.7	77.0	77.0	58.4	47.8	39.8	39.8	39.8
45°	106.2	98.2	85.0	69.0	55.8	58.4	47.8	34.5	29.2	26.6	26.6
47.5°	100.9	92.9	74.3	58.4	42.5	42.5	34.5	23.9	18.6	15.9	15.9
50°	92.9	85.0	66.4	47.8	31.9	26.6	21.2	13.3	8.0	5.3	5.3
52.5°	87.6	79.7	58.4	39.8	26.6	18.6	13.3	2.7	0.0	0.0	0.0
55°	79.7	69.0	50.5	31.9	21.2	10.6	2.7	0.0	0.0	0.0	0.0
57.5°	69.0	61.1	39.8	23.9	13.3	2.7	0.0	0.0	0.0	0.0	0.0
60°	58.4	50.5	31.9	18.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	47.8	42.5	23.9	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	39.8	31.9	18.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	34.5	26.6	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	26.6	18.6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	18.6	13.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	13.3	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.7	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°	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2
2.5°	3377.5	3457.2	3531.5	3552.8	3611.2	3773.1	3773.1	3850.1	3988.2	4038.7	4049.3
5°	2849.1	2934.1	2950.0	3114.6	3191.6	3356.3	3465.1	3725.3	3882.0	3980.2	4041.3
7.5°	2166.7	2195.9	2257.0	2411.0	2562.3	2761.5	2968.6	3300.5	3576.6	3688.2	3895.3
10°	1489.6	1577.2	1710.0	1848.1	2084.4	2304.8	2573.0	2886.3	3226.2	3364.2	3542.1
12.5°	1003.7	1125.8	1338.3	1534.7	1752.5	1975.5	2230.4	2650.0	3035.0	3226.2	3404.1
15°	586.8	735.5	918.7	1237.4	1526.8	1776.4	2031.3	2456.1	2923.5	3170.4	3388.1
17.5°	297.4	342.5	493.9	770.0	1152.4	1561.3	1941.0	2482.7	3008.4	3311.1	3491.7
20°	223.0	236.3	278.8	408.9	788.6	1290.5	1856.0	2522.5	3244.7	3613.8	3712.1
22.5°	193.8	204.5	223.0	265.5	443.4	987.8	1736.5	2620.8	3566.0	3913.9	4121.0
25°	164.6	175.2	191.2	217.7	284.1	671.8	1590.5	2724.3	3852.8	4290.9	4484.7
27.5°	143.4	151.4	167.3	188.5	231.0	427.5	1338.3	2862.4	4290.9	4747.6	4798.1
30°	122.1	130.1	143.4	167.3	196.5	302.7	982.4	2881.0	4532.5	4946.8	5087.5
32.5°	106.2	108.9	124.8	146.0	164.6	239.0	690.4	2899.6	4710.4	5204.3	5233.5
35°	87.6	92.9	108.9	122.1	143.4	188.5	523.1	2806.6	4941.5	5469.9	5461.9
37.5°	71.7	79.7	90.3	100.9	116.8	159.3	416.9	2634.0	5230.9	5881.4	5631.8
40°	55.8	63.7	74.3	87.6	98.2	143.4	313.3	2373.8	5533.6	6083.2	5817.7
42.5°	39.8	45.1	55.8	69.0	87.6	119.5	225.7	2065.8	5653.1	6319.5	6040.7
45°	29.2	34.5	42.5	58.4	90.3	95.6	156.7	1784.3	5780.5	6423.1	5990.3
47.5°	15.9	21.2	31.9	50.5	79.7	71.7	111.5	1532.1	5926.6	6516.0	6030.1
50°	5.3	8.0	18.6	53.1	63.7	55.8	87.6	1396.7	6069.9	6534.6	6109.8
52.5°	0.0	0.0	10.6	55.8	47.8	42.5	77.0	1343.6	6032.8	6593.0	6059.3
55°	0.0	0.0	2.7	23.9	26.6	31.9	63.7	1340.9	6295.6	6611.6	6335.5
57.5°	0.0	0.0	0.0	8.0	15.9	26.6	55.8	1255.9	6462.9	7073.6	6707.2
60°	0.0	0.0	0.0	2.7	10.6	18.6	42.5	1181.6	6632.9	7280.7	7105.5
62.5°	0.0	0.0	0.0	0.0	2.7	8.0	29.2	1067.4	6290.3	7264.8	7490.5
65°	0.0	0.0	0.0	0.0	0.0	0.0	18.6	844.4	5658.4	6885.1	7278.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	10.6	584.2	4954.7	6407.2	6887.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	353.2	3998.8	5618.5	5841.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	151.4	2854.4	4460.9	4792.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.1	1765.8	3260.7	3669.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9	1144.4	2469.4	2785.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	610.7	1548.0	1800.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	265.5	940.0	1083.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.0	570.9	650.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87.6	116.8
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: P599347
 CATALOG NUMBER: IFLD-S-SA3B-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2	3765.2
2.5°	4054.6	4131.6	4160.8	4115.7	4121.0	4028.0	4014.8	3884.7	3831.6	3842.2
5°	4240.5	4352.0	4413.1	4362.6	4248.4	4070.5	3908.6	3754.6	3659.0	3611.2
7.5°	4198.0	4322.8	4399.8	4447.6	4317.5	4030.7	3783.8	3494.3	3372.2	3374.8
10°	3964.3	4224.5	4381.2	4320.1	4259.1	3972.3	3589.9	3276.6	3167.7	3178.4
12.5°	3775.8	4065.2	4158.2	4205.9	4081.1	3852.8	3595.2	3236.8	3114.6	3040.3
15°	3659.0	3874.0	3879.3	3953.7	3903.2	3903.2	3651.0	3300.5	3194.3	3112.0
17.5°	3659.0	3706.8	3701.4	3728.0	3813.0	3913.9	3791.7	3558.1	3348.3	3335.0
20°	3741.3	3592.6	3558.1	3568.7	3640.4	3940.4	4102.4	3810.3	3677.5	3635.1
22.5°	3932.5	3605.9	3396.1	3358.9	3579.3	3937.8	4301.5	4208.6	3977.6	3943.1
25°	4195.3	3582.0	3353.6	3305.8	3473.1	4033.4	4575.0	4593.6	4383.8	4312.2
27.5°	4444.9	3688.2	3348.3	3337.7	3558.1	4012.1	4763.6	4901.6	4665.3	4606.9
30°	4529.9	3794.4	3446.5	3305.8	3589.9	4089.1	4758.2	5119.4	4965.4	4978.6
32.5°	4630.8	3900.6	3457.2	3401.4	3725.3	4213.9	4909.6	5469.9	5358.3	5201.7
35°	4779.5	4044.0	3558.1	3507.6	3820.9	4325.4	4941.5	5727.4	5708.8	5525.6
37.5°	4906.9	4184.7	3767.8	3775.8	4113.0	4506.0	5082.2	6043.4	6011.5	5886.7
40°	4997.2	4381.2	4094.4	4115.7	4367.9	4707.8	5331.8	6202.7	6439.0	6255.8
42.5°	5010.5	4556.4	4468.8	4638.8	4875.1	5021.1	5432.7	6311.6	6651.4	6532.0
45°	5060.9	4835.2	5079.5	5204.3	5398.2	5297.3	5427.4	6497.4	6667.4	6606.3
47.5°	5257.4	5342.4	5650.4	6030.1	6099.2	5767.2	5554.8	6526.7	6757.7	6749.7
50°	5461.9	5886.7	6319.5	6571.8	6659.4	6091.2	5674.3	6502.8	6877.1	6813.4
52.5°	5690.2	6359.4	6983.4	7294.0	7246.2	6449.6	5809.7	6696.6	7097.5	7076.3
55°	5833.6	6571.8	7410.9	7843.7	7806.5	6850.6	6239.9	6975.4	7387.0	7333.9
57.5°	6213.3	6917.0	7835.7	8037.5	8135.7	7376.3	6539.9	7432.1	7628.6	7687.0
60°	6526.7	7142.7	7947.2	8239.3	8273.8	7689.7	7065.7	7902.1	7936.6	7740.1
62.5°	6986.0	7230.3	7710.9	7973.8	8151.7	7867.6	7538.3	8154.3	7931.3	7918.0
65°	7323.2	6943.5	7270.1	7416.2	7530.3	7596.7	8013.6	8326.9	7833.0	7575.5
67.5°	7134.7	6401.9	6340.8	6348.7	6383.3	6784.2	7854.3	7904.7	7286.1	7073.6
70°	6279.7	5252.1	5169.8	5233.5	5060.9	5544.2	7209.1	7185.2	6428.4	6208.0
72.5°	5079.5	3828.9	3688.2	3775.8	3815.6	4328.1	6064.6	5448.6	4689.2	4516.6
75°	4036.0	2806.6	2368.5	2580.9	2716.3	3151.8	4737.0	3701.4	3273.9	3040.3
77.5°	3170.4	2124.2	1842.8	1757.8	1882.6	2291.5	3446.5	1943.7	1715.3	1606.4
80°	2010.0	1561.3	1694.1	1571.9	1625.0	1635.6	1795.0	884.2	703.6	695.7
82.5°	1210.8	1067.4	1269.2	698.3	1271.9	1136.5	746.1	400.9	355.8	355.8
85°	857.7	661.2	438.1	284.1	565.6	624.0	289.4	207.1	180.6	175.2
87.5°	430.2	204.5	98.2	63.7	71.7	116.8	34.5	15.9	15.9	13.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)