

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: P599607

Luminaire Tested: **IFLD-S-SA3A-830-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599607
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-830-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (48) 3000K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

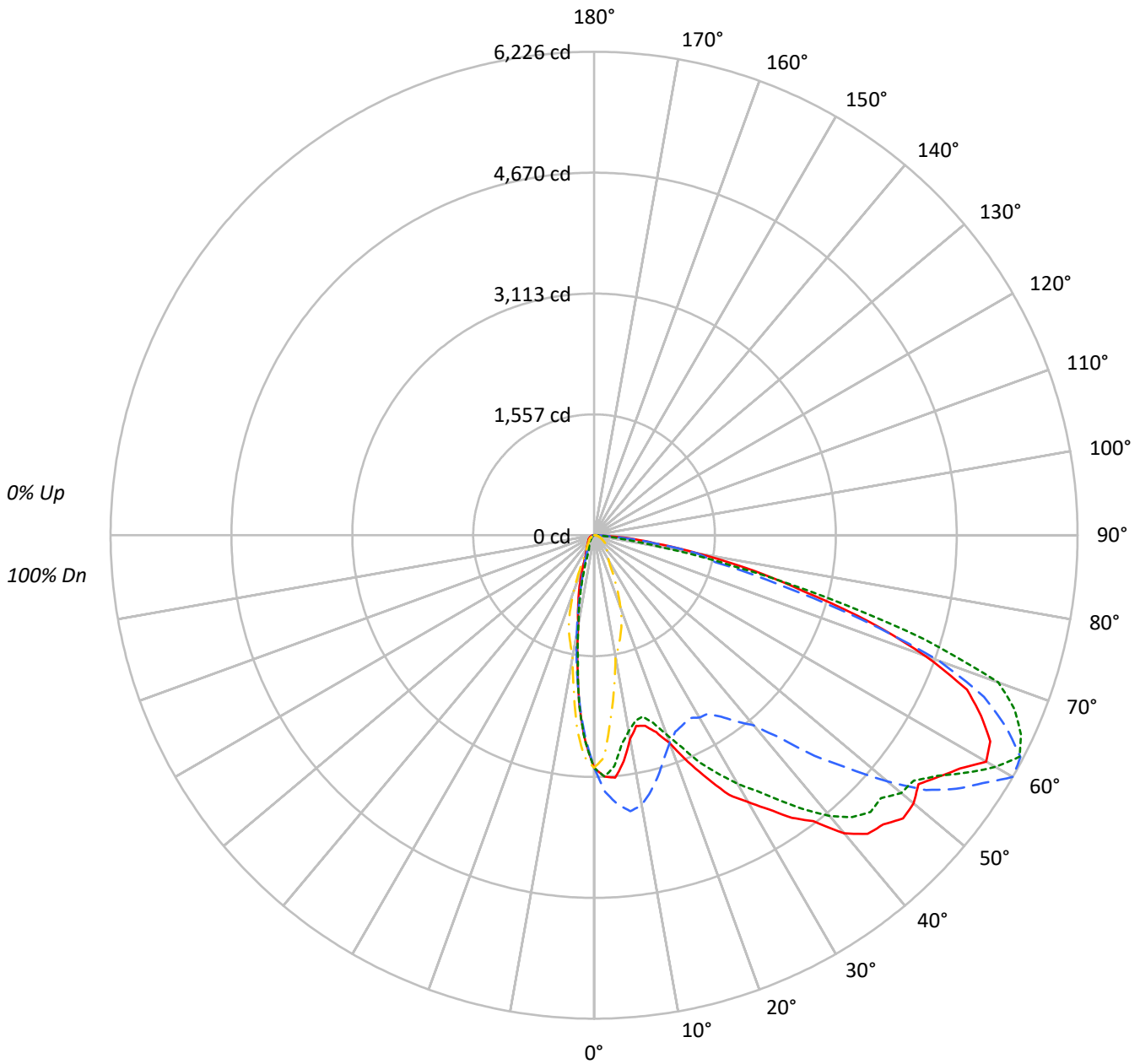
Lumens per Lamp: N/A
 Luminaire Lumens: 7962.6 lumens
 Efficiency: N/A
 Efficacy: 84.0 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	42968	42968	42968	42968
5°	45154	42978	31399	31584
10°	38828	37340	17167	16764
15°	37755	35890	11153	8404
20°	43517	41698	5975	2987
25°	54717	51181	3872	2323
30°	65718	61244	3135	1902
35°	77824	73018	2570	1528
40°	93896	88398	2271	1156
45°	106900	102240	2115	777
50°	119924	115271	2090	476
55°	135618	135140	2074	213
60°	167354	171321	1892	60
65°	186733	205940	1732	0
70°	190407	232432	1607	0
75°	154931	171439	1530	0
80°	112651	71698	1579	0
85°	72833	30118	2108	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	227.4	2.9
10°-20°	446.0	5.6
20°-30°	617.2	7.8
30°-40°	872.3	11.0
40°-50°	1187.6	14.9
50°-60°	1572.9	19.8
60°-70°	1826.3	22.9
70°-80°	1034.2	13.0
80°-90°	178.7	2.2
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°	1290.6	16.2
0°-40°	2162.9	27.2
0°-60°	4923.4	61.8
0°-90°	7962.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7962.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2994	2994	2994	2994	2994	
5°	3134	2983	2180	2192	3134	281
15°	2541	2416	751	566	2541	745
25°	3455	3232	244	147	3455	1612
35°	4442	4168	147	87	4442	2800
45°	5267	5037	104	38	5267	4083
55°	5420	5401	83	8	5420	4911
65°	5499	6064	51	0	5499	5360
75°	2794	3092	28	0	2794	3049
85°	442	183	13	0	442	531
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9
2.5°	3110.8	3176.7	3178.9	3208.6	3238.4	3238.4	3308.6	3291.6	3229.9	3219.3	3174.6
5°	3134.2	3157.6	3174.6	3325.6	3453.2	3440.4	3478.7	3453.2	3334.1	3181.0	3076.8
7.5°	2932.2	2957.7	3025.8	3283.1	3455.3	3512.7	3585.0	3425.5	3300.1	3023.6	2823.8
10°	2664.3	2713.2	2838.7	3132.1	3344.7	3527.6	3527.6	3400.0	3157.6	2887.6	2643.0
12.5°	2515.5	2613.3	2681.3	2979.0	3255.4	3380.9	3376.6	3308.6	3151.2	2811.0	2534.6
15°	2541.0	2568.6	2713.2	2945.0	3127.8	3121.5	3198.0	3176.7	3066.2	2879.1	2575.0
17.5°	2657.9	2700.4	2825.9	2945.0	3032.2	3006.6	3004.5	3106.6	3113.0	2993.9	2726.0
20°	2849.3	2974.7	3034.3	3070.4	2964.1	2855.7	2842.9	2985.4	3095.9	3140.6	2906.7
22.5°	3155.5	3238.4	3359.6	3174.6	2898.2	2762.1	2736.6	2893.9	3117.2	3315.0	3140.6
25°	3455.3	3519.1	3636.0	3397.9	2972.6	2743.0	2698.3	2834.4	3198.0	3557.4	3423.4
27.5°	3772.1	3827.4	3840.2	3561.6	3013.0	2704.7	2651.5	2834.4	3266.0	3684.9	3761.5
30°	3965.6	4031.5	4044.3	3706.2	3078.9	2736.6	2711.1	2847.2	3312.8	3793.4	4003.9
32.5°	4182.5	4199.5	4188.9	3731.7	3151.2	2830.2	2723.8	2932.2	3366.0	3923.1	4225.0
35°	4441.9	4471.7	4363.2	3848.7	3312.8	2889.7	2851.4	3036.4	3457.4	3982.6	4492.9
37.5°	4639.7	4733.2	4488.7	3893.3	3344.7	3015.1	3021.5	3253.3	3521.2	4054.9	4788.5
40°	5011.8	4854.4	4701.3	4046.4	3465.9	3227.8	3193.8	3476.6	3736.0	4101.7	4982.0
42.5°	5215.9	5133.0	4784.3	4061.3	3653.0	3521.2	3529.7	3729.6	3848.7	4233.5	5035.2
45°	5266.9	5179.7	4896.9	4071.9	3838.0	3867.8	4014.5	4052.8	4014.5	4320.7	5135.1
47.5°	5396.6	5207.4	4884.2	4214.4	4137.8	4252.7	4439.8	4522.7	4239.9	4288.8	5181.9
50°	5371.1	5262.7	4856.5	4273.9	4503.6	4807.6	4933.1	4899.1	4490.8	4222.9	5130.8
52.5°	5264.8	5147.9	4941.6	4435.5	4845.9	5213.8	5388.1	5303.1	4714.1	4371.7	5096.8
55°	5420.0	5330.7	5052.2	4654.5	5103.2	5571.0	5694.3	5630.5	4988.4	4510.0	5290.3
57.5°	5588.0	5568.9	5352.0	4911.8	5407.3	5938.8	5938.8	5860.2	5226.5	4709.8	5577.4
60°	5830.4	5872.9	5573.1	5081.9	5511.5	5917.6	6225.9	6134.5	5466.8	5060.7	5902.7
62.5°	5751.7	5887.8	5858.0	5447.7	5630.5	6021.8	6189.8	6257.8	5764.5	5488.1	6336.5
65°	5498.7	5643.3	5855.9	5687.9	5541.2	5768.7	5853.8	6060.1	5913.3	5889.9	6515.1
67.5°	5196.8	5354.1	5485.9	5849.5	5360.5	5511.5	5437.0	5503.0	5751.7	6330.1	6617.2
70°	4537.6	4688.6	4896.9	5490.2	4882.1	4746.0	4726.8	4694.9	5081.9	6172.7	6153.6
72.5°	3731.7	3801.9	4146.4	4463.2	3612.6	3587.1	3616.9	3580.7	4029.4	5588.0	5271.2
75°	2794.0	2864.2	3059.8	3427.6	2460.2	2313.5	2483.6	2651.5	3076.8	4337.7	3787.0
77.5°	2100.8	2190.1	2313.5	2564.4	1805.3	1575.6	1599.0	1758.5	2224.1	3474.4	2122.1
80°	1363.0	1352.3	1590.5	1764.9	1358.7	1401.3	1341.7	1458.7	1611.8	1858.4	1084.4
82.5°	786.7	797.4	897.3	1012.1	946.2	1082.3	780.4	1303.4	1150.3	757.0	404.0
85°	442.3	461.4	552.8	701.7	593.2	397.6	325.3	646.4	723.0	310.4	195.6
87.5°	44.7	38.3	74.4	265.8	161.6	65.9	97.8	155.2	174.4	116.9	57.4
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°	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9
2.5°	3110.8	3110.8	3057.7	2968.4	2932.2	2868.4	2781.2	2808.9	2779.1	2670.7	2643.0
5°	2983.2	2881.2	2770.6	2634.5	2555.9	2394.3	2343.2	2251.8	2266.7	2175.2	2179.5
7.5°	2717.5	2636.7	2449.5	2270.9	2115.7	1975.4	1777.6	1703.2	1630.9	1594.8	1637.3
10°	2562.2	2411.3	2156.1	1922.2	1716.0	1590.5	1458.7	1356.6	1263.0	1192.9	1178.0
12.5°	2449.5	2315.6	2007.3	1722.3	1560.7	1458.7	1337.5	1197.1	1105.7	984.5	948.3
15°	2415.5	2251.8	1926.5	1643.7	1486.3	1318.3	1180.1	1041.9	922.8	795.2	750.6
17.5°	2532.5	2343.2	1924.3	1579.9	1358.7	1178.0	986.6	831.4	710.2	593.2	565.6
20°	2730.2	2441.0	1986.0	1541.6	1237.5	995.1	778.2	623.0	486.9	410.4	391.2
22.5°	2955.6	2606.9	1992.4	1439.5	1116.3	812.3	567.7	410.4	333.8	297.7	287.1
25°	3232.0	2872.7	2068.9	1356.6	973.9	616.6	404.0	314.7	270.0	248.8	244.5
27.5°	3459.5	3057.7	2151.8	1269.4	833.5	457.2	316.8	257.3	233.9	212.6	210.5
30°	3695.6	3270.3	2175.2	1216.3	712.3	376.4	272.2	227.5	202.0	191.4	189.2
32.5°	3901.8	3502.1	2249.7	1129.1	597.5	331.7	246.7	204.1	187.1	170.1	168.0
35°	4167.6	3636.0	2285.8	1082.3	555.0	299.8	225.4	187.1	161.6	151.0	146.7
37.5°	4452.5	3765.7	2309.2	1046.2	518.8	280.7	212.6	176.5	153.1	138.2	134.0
40°	4718.3	3948.6	2275.2	1001.5	491.2	257.3	204.1	163.7	142.5	127.6	121.2
42.5°	4922.5	4127.2	2264.5	959.0	461.4	248.8	193.5	157.3	134.0	116.9	114.8
45°	5037.3	4248.4	2190.1	925.0	438.0	253.0	189.2	148.8	127.6	112.7	104.2
47.5°	5009.6	4342.0	2209.3	914.3	406.1	236.0	187.1	142.5	116.9	104.2	97.8
50°	5162.7	4531.2	2177.4	880.3	382.7	212.6	204.1	142.5	114.8	99.9	93.6
52.5°	5188.3	4703.5	2245.4	818.6	346.6	195.6	202.0	140.3	110.6	95.7	87.2
55°	5400.9	4903.3	2377.2	784.6	316.8	170.1	185.0	136.1	99.9	87.2	82.9
57.5°	5690.1	5318.0	2462.3	752.7	276.4	148.8	155.2	134.0	91.4	80.8	74.4
60°	5968.6	5483.8	2468.7	695.3	238.1	134.0	121.2	134.0	85.1	72.3	65.9
62.5°	6177.0	5483.8	2426.1	646.4	208.4	119.1	106.3	127.6	76.5	63.8	59.5
65°	6064.3	5337.1	2315.6	606.0	189.2	104.2	91.4	97.8	68.0	55.3	51.0
67.5°	5862.3	4879.9	2071.0	557.1	187.1	91.4	78.7	72.3	59.5	48.9	44.7
70°	5539.1	4263.3	1724.5	501.8	182.9	82.9	70.2	61.7	53.2	42.5	38.3
72.5°	4463.2	3521.2	1416.1	469.9	178.6	72.3	59.5	53.2	44.7	36.1	31.9
75°	3091.7	2249.7	1090.8	401.9	174.4	65.9	55.3	46.8	38.3	29.8	27.6
77.5°	1854.2	1503.3	703.8	301.9	114.8	53.2	46.8	36.1	31.9	25.5	23.4
80°	867.5	710.2	284.9	116.9	55.3	38.3	31.9	27.6	25.5	21.3	19.1
82.5°	340.2	299.8	138.2	68.0	44.7	29.8	25.5	23.4	21.3	17.0	14.9
85°	182.9	161.6	65.9	46.8	31.9	21.3	21.3	19.1	17.0	14.9	12.8
87.5°	40.4	29.8	27.6	27.6	23.4	17.0	17.0	14.9	12.8	10.6	8.5
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°	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9
2.5°	2628.1	2660.0	2609.0	2640.9	2596.3	2630.3	2634.5	2602.6	2611.1	2653.7	2672.8
5°	2239.0	2217.8	2171.0	2156.1	2158.2	2130.6	2141.2	2156.1	2179.5	2192.3	2230.5
7.5°	1613.9	1662.8	1660.7	1696.8	1698.9	1694.7	1664.9	1601.1	1622.4	1605.4	1626.6
10°	1154.6	1175.9	1216.3	1239.7	1282.2	1258.8	1190.7	1165.2	1152.5	1150.3	1171.6
12.5°	922.8	871.8	867.5	876.0	897.3	869.7	835.6	805.9	820.8	850.5	873.9
15°	714.4	671.9	616.6	608.1	612.4	599.6	563.5	525.2	535.8	565.6	582.6
17.5°	548.6	499.7	461.4	435.9	427.4	382.7	329.6	297.7	289.2	287.1	301.9
20°	370.0	361.5	355.1	323.2	323.2	259.4	214.8	191.4	191.4	195.6	197.7
22.5°	276.4	265.8	267.9	261.5	244.5	193.5	170.1	163.7	163.7	168.0	168.0
25°	240.3	225.4	221.1	219.0	202.0	165.9	148.8	142.5	142.5	146.7	146.7
27.5°	204.1	199.9	193.5	185.0	170.1	142.5	131.8	125.5	127.6	129.7	127.6
30°	187.1	176.5	168.0	168.0	151.0	127.6	119.1	114.8	110.6	114.8	116.9
32.5°	165.9	159.5	155.2	148.8	129.7	112.7	104.2	99.9	97.8	97.8	99.9
35°	142.5	142.5	138.2	129.7	112.7	102.1	91.4	87.2	85.1	87.2	87.2
37.5°	127.6	121.2	123.3	114.8	99.9	89.3	78.7	74.4	74.4	72.3	74.4
40°	119.1	108.4	102.1	97.8	89.3	76.5	68.0	63.8	61.7	61.7	61.7
42.5°	106.3	97.8	85.1	82.9	80.8	65.9	55.3	53.2	51.0	48.9	48.9
45°	99.9	87.2	76.5	65.9	65.9	55.3	46.8	42.5	40.4	38.3	40.4
47.5°	91.4	78.7	65.9	55.3	53.2	44.7	36.1	31.9	29.8	29.8	29.8
50°	87.2	70.2	57.4	46.8	40.4	36.1	27.6	23.4	21.3	21.3	21.3
52.5°	80.8	65.9	51.0	40.4	31.9	27.6	21.3	17.0	14.9	14.9	14.9
55°	72.3	59.5	44.7	34.0	27.6	21.3	14.9	10.6	8.5	8.5	8.5
57.5°	68.0	53.2	38.3	29.8	21.3	14.9	8.5	6.4	6.4	4.3	6.4
60°	61.7	46.8	31.9	23.4	17.0	10.6	6.4	2.1	2.1	2.1	2.1
62.5°	53.2	40.4	27.6	19.1	12.8	6.4	2.1	0.0	0.0	0.0	0.0
65°	44.7	31.9	21.3	14.9	8.5	2.1	0.0	0.0	0.0	0.0	0.0
67.5°	38.3	27.6	17.0	10.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	34.0	23.4	12.8	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	27.6	19.1	10.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	23.4	14.9	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	19.1	10.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	14.9	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	12.8	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.4	2.1	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: P599607
 CATALOG NUMBER: IFLD-S-SA3A-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9	2993.9
2.5°	2700.4	2687.7	2751.5	2855.7	2908.8	3013.0	3038.5	3104.4	3087.4	3110.8
5°	2234.8	2260.3	2353.9	2506.9	2562.2	2713.2	2855.7	2998.1	3089.6	3134.2
7.5°	1658.5	1743.6	1858.4	1998.8	2141.2	2339.0	2581.4	2747.2	2836.5	2932.2
10°	1235.4	1326.8	1458.7	1596.9	1828.6	2049.8	2292.2	2498.4	2575.0	2664.3
12.5°	971.7	1114.2	1267.3	1416.1	1554.3	1764.9	2064.7	2364.5	2447.4	2515.5
15°	676.2	850.5	1069.5	1263.0	1456.5	1639.4	1949.8	2313.5	2426.1	2541.0
17.5°	374.2	512.4	763.4	1035.5	1320.5	1601.1	1988.1	2407.0	2577.1	2657.9
20°	216.9	272.2	450.8	774.0	1150.3	1518.2	2007.3	2583.5	2808.9	2849.3
22.5°	178.6	197.7	255.2	484.8	942.0	1465.0	2105.1	2830.2	3059.8	3155.5
25°	153.1	168.0	197.7	291.3	712.3	1352.3	2166.7	3138.5	3351.1	3455.3
27.5°	136.1	151.0	174.4	214.8	484.8	1197.1	2268.8	3417.0	3629.7	3772.1
30°	119.1	131.8	155.2	182.9	336.0	1022.8	2356.0	3621.1	3921.0	3965.6
32.5°	106.3	116.9	134.0	157.3	248.8	776.1	2426.1	3831.7	4084.7	4182.5
35°	91.4	104.2	114.8	134.0	189.2	584.7	2383.6	3995.4	4325.0	4441.9
37.5°	80.8	89.3	99.9	112.7	159.5	457.2	2296.4	4191.0	4531.2	4639.7
40°	68.0	74.4	87.2	99.9	144.6	353.0	2196.5	4427.0	4820.4	5011.8
42.5°	57.4	63.8	72.3	93.6	119.1	261.5	1994.5	4609.9	5054.3	5215.9
45°	44.7	53.2	65.9	93.6	95.7	193.5	1786.1	4746.0	5186.1	5266.9
47.5°	34.0	42.5	63.8	80.8	76.5	134.0	1539.5	4901.2	5322.2	5396.6
50°	25.5	34.0	72.3	70.2	63.8	102.1	1384.2	5009.6	5330.7	5371.1
52.5°	17.0	25.5	59.5	53.2	53.2	89.3	1341.7	5005.4	5352.0	5264.8
55°	12.8	19.1	34.0	38.3	46.8	78.7	1303.4	5164.9	5358.4	5420.0
57.5°	8.5	14.9	23.4	29.8	40.4	68.0	1224.8	5356.2	5556.1	5588.0
60°	4.3	10.6	17.0	23.4	34.0	59.5	1114.2	5496.6	5796.4	5830.4
62.5°	2.1	6.4	12.8	19.1	27.6	46.8	999.4	5273.3	5692.2	5751.7
65°	0.0	4.3	8.5	12.8	17.0	34.0	812.3	4760.9	5279.7	5498.7
67.5°	0.0	0.0	4.3	8.5	10.6	25.5	612.4	4331.3	4899.1	5196.8
70°	0.0	0.0	2.1	2.1	6.4	19.1	391.2	3587.1	4373.9	4537.6
72.5°	0.0	0.0	0.0	0.0	2.1	12.8	227.5	2664.3	3427.6	3731.7
75°	0.0	0.0	0.0	0.0	0.0	10.6	114.8	1713.8	2385.7	2794.0
77.5°	0.0	0.0	0.0	0.0	0.0	8.5	61.7	1105.7	1758.5	2100.8
80°	0.0	0.0	0.0	0.0	0.0	2.1	36.1	642.2	1124.8	1363.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	14.9	314.7	671.9	786.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	4.3	168.0	336.0	442.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	23.4	44.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)