

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: P599364

Luminaire Tested: **IFLD-L-SA7D-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: P599364
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7D-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

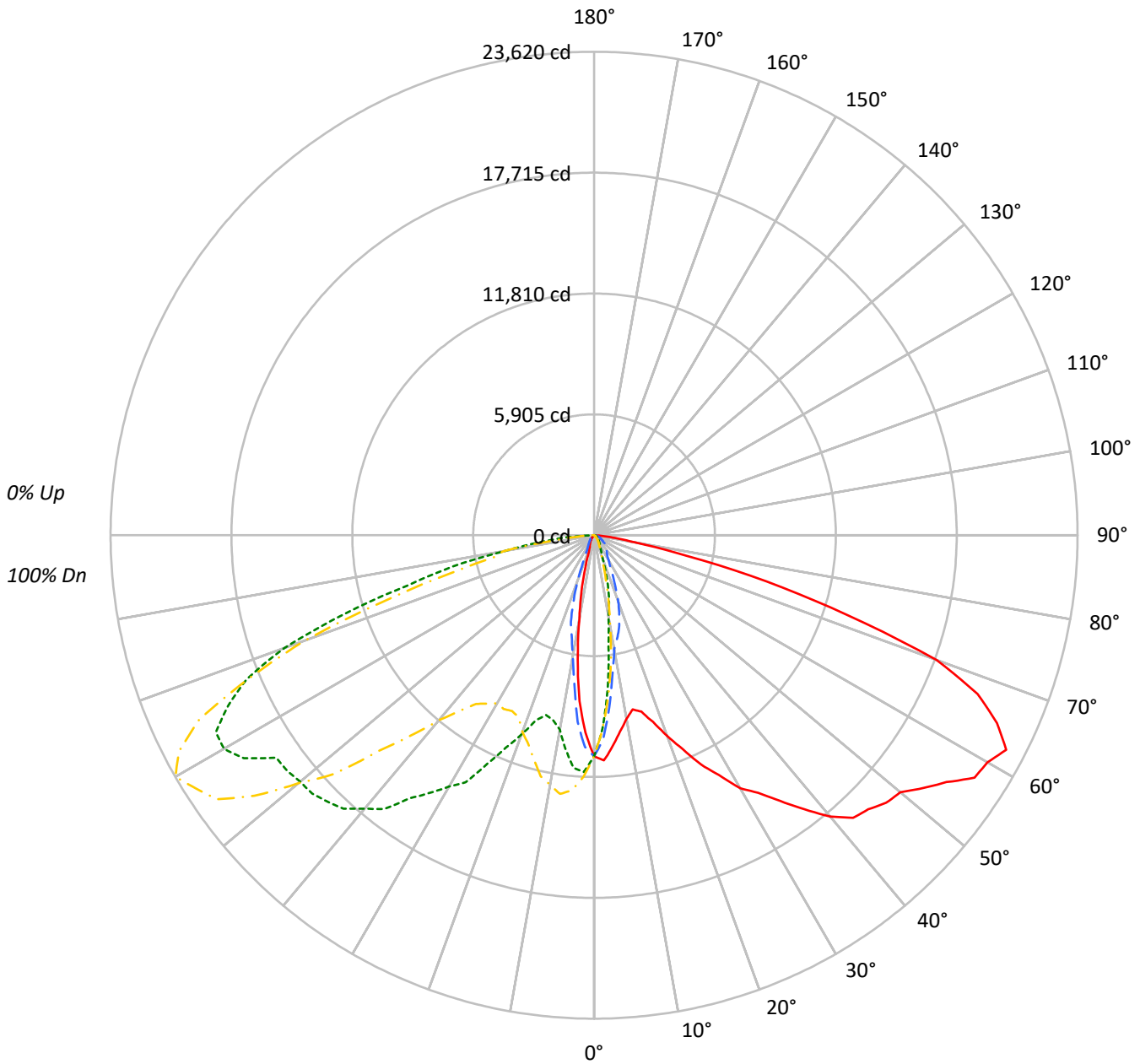
Lumens per Lamp: N/A
 Luminaire Lumens: 28233.3 lumens
 Efficiency: N/A
 Efficacy: 66.8 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 422.6
 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	100	100	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79	79	79	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62	62	62	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49	49	49	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40	40	40	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33	33	33	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27	27	27	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24	24	24	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20	20	20	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	58090	58090	58090	58090
5°	55927	40876	44001	61643
10°	49793	22255	22546	52705
15°	49706	14844	9076	50639
20°	59683	7411	3619	59334
25°	73407	4656	2802	73046
30°	88695	3737	2128	88127
35°	104073	3001	1650	103022
40°	125994	2567	1069	122518
45°	144143	2318	579	140146
50°	163537	2231	127	156846
55°	197270	2143	0	177843
60°	238834	1803	0	224660
65°	276555	1454	0	251352
70°	280040	1197	0	253450
75°	181233	792	0	194370
80°	61810	236	0	137540
85°	31024	0	0	101056

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	817.6	2.9
10°-20°	1583.2	5.6
20°-30°	2205.0	7.8
30°-40°	3133.1	11.1
40°-50°	4344.7	15.4
50°-60°	5919.9	21.0
60°-70°	6508.5	23.1
70°-80°	3198.9	11.3
80°-90°	522.4	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°	4605.9	16.3
0°-40°	7739.0	27.4
0°-60°	18003.6	63.8
0°-90°	28233.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	28233.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10794	10794	10794	10794	10794	
5°	10352	7566	8145	11410	10352	947
15°	8921	2664	1629	9088	8921	2640
25°	12362	784	472	12301	12362	5747
35°	15840	457	251	15680	15840	10055
45°	18938	304	76	18413	18938	14681
55°	21024	228	0	18953	21024	18912
65°	21716	114	0	19737	21716	20987
75°	8716	38	0	9347	8716	9502
85°	502	0	0	1636	502	695
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°	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5
2.5°	11014.3	11143.7	11021.9	10595.6	10519.5	10314.0	10001.9	9979.1	9651.8	9689.8	9514.8
5°	10352.1	10481.5	10222.7	9659.4	9134.2	8715.5	8464.3	8015.2	7916.3	7695.5	7695.5
7.5°	9674.6	9667.0	9225.5	8753.6	7969.6	7200.8	6850.6	6203.6	5823.0	5617.5	5419.6
10°	9111.3	8989.6	8715.5	7741.2	6888.7	6089.4	5655.6	5229.3	4833.5	4491.0	4148.4
12.5°	8715.5	8791.6	8357.8	7299.7	6196.0	5640.4	5176.0	4726.9	4255.0	3866.8	3486.2
15°	8921.0	8799.3	8289.3	7200.8	6081.8	5320.7	4704.1	4156.0	3630.8	3120.8	2831.6
17.5°	9560.4	9248.4	8647.0	7200.8	5845.9	4833.5	4087.5	3440.5	2877.3	2420.6	2062.8
20°	10420.6	10062.8	9415.8	7467.2	5670.8	4475.7	3455.8	2641.3	2055.2	1628.9	1354.9
22.5°	11303.5	11021.9	10047.6	7573.8	5465.3	3996.2	2725.0	1910.6	1370.1	1096.1	959.1
25°	12361.6	11965.8	10900.1	8000.0	5160.8	3531.9	2146.5	1332.1	1020.0	875.4	791.6
27.5°	13206.5	13138.0	11699.4	8258.8	4932.5	3151.3	1697.4	1058.0	844.9	738.3	685.1
30°	14272.1	13899.2	12673.7	8776.4	4673.7	2717.4	1415.8	951.5	776.4	662.2	624.2
32.5°	14911.5	14736.5	13183.7	9065.7	4384.4	2359.7	1217.9	837.3	707.9	624.2	586.1
35°	15840.2	15490.0	13914.4	9248.4	4232.2	2154.1	1096.1	761.2	593.7	510.0	464.3
37.5°	16875.4	16746.0	14789.8	9240.7	4011.4	2032.4	1012.4	707.9	563.3	471.9	418.6
40°	17933.4	17408.2	15322.6	9453.9	3897.2	1941.0	951.5	677.5	532.8	449.1	380.6
42.5°	18725.1	18123.7	15939.1	9377.8	3760.2	1781.2	928.6	631.8	510.0	411.0	350.1
45°	18938.2	18725.1	16494.8	9354.9	3661.3	1651.8	890.6	624.2	494.8	388.2	327.3
47.5°	19349.2	19204.6	17179.9	9393.0	3585.2	1552.8	799.2	639.4	471.9	365.4	312.1
50°	19531.9	19273.1	17735.5	9484.3	3410.1	1431.0	715.5	669.8	464.3	357.8	296.9
52.5°	20285.5	20057.1	18496.7	9743.1	3265.5	1271.2	631.8	639.4	479.5	334.9	281.6
55°	21023.8	20765.0	19668.9	10336.8	3059.9	1141.8	540.4	563.3	456.7	304.5	251.2
57.5°	22036.2	21609.9	20452.9	10580.4	2877.3	966.7	479.5	464.3	426.3	274.0	220.7
60°	22188.4	22363.5	20338.8	10428.2	2687.0	852.5	418.6	357.8	456.7	243.6	190.3
62.5°	22698.4	21967.7	19805.9	10078.0	2550.0	784.0	373.0	296.9	395.8	213.1	159.8
65°	21716.5	21176.1	18557.6	8951.5	2374.9	791.6	327.3	243.6	251.2	175.1	129.4
67.5°	20277.9	19851.6	16487.2	7726.0	2199.8	776.4	289.2	213.1	190.3	152.2	114.2
70°	17796.4	16875.4	14005.7	6272.1	1941.0	723.1	243.6	190.3	159.8	121.8	83.7
72.5°	12947.7	12574.7	10047.6	4848.7	1743.1	654.6	228.4	159.8	137.0	91.3	68.5
75°	8715.5	8099.0	6340.6	3181.7	1400.6	570.9	190.3	144.6	106.6	68.5	53.3
77.5°	4605.1	4354.0	3592.8	1514.8	776.4	266.4	106.6	83.7	60.9	53.3	30.4
80°	1994.3	1773.6	1552.8	616.6	274.0	121.8	68.5	45.7	38.1	30.4	15.2
82.5°	1020.0	974.3	806.9	266.4	159.8	91.3	38.1	30.4	22.8	15.2	7.6
85°	502.4	517.6	426.3	83.7	91.3	53.3	7.6	7.6	0.0	0.0	0.0
87.5°	38.1	38.1	30.4	15.2	22.8	7.6	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°	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5
2.5°	9446.3	9552.8	9370.1	9484.3	9431.0	9453.9	9476.7	9415.8	9431.0	9644.2	9651.8
5°	7566.1	7771.7	7695.5	7802.1	7984.8	7893.4	7977.2	7962.0	7977.2	8007.6	8144.6
7.5°	5396.8	5335.9	5480.5	5762.1	6089.4	6287.4	6188.4	6135.1	6104.7	6028.6	6119.9
10°	4072.3	4041.9	4003.8	4087.5	4300.7	4521.4	4643.2	4437.7	4323.5	4178.9	4125.6
12.5°	3379.6	3189.3	3082.8	2953.4	3014.3	3212.2	3219.8	3021.9	2839.2	2763.1	2846.8
15°	2664.1	2534.7	2344.4	2161.8	2070.4	2222.6	2093.2	1903.0	1667.0	1636.5	1628.9
17.5°	1903.0	1826.8	1689.8	1613.7	1507.1	1469.1	1332.1	1042.8	875.4	829.7	844.9
20°	1294.0	1233.1	1225.5	1157.0	1111.3	1080.9	860.1	669.8	616.6	624.2	631.8
22.5°	959.1	928.6	890.6	883.0	844.9	806.9	631.8	563.3	525.2	525.2	548.1
25°	784.0	768.8	730.7	715.5	700.3	647.0	532.8	479.5	464.3	449.1	471.9
27.5°	669.8	662.2	639.4	616.6	601.3	548.1	464.3	418.6	403.4	403.4	403.4
30°	601.3	601.3	570.9	525.2	525.2	464.3	395.8	365.4	350.1	350.1	342.5
32.5°	563.3	548.1	510.0	479.5	456.7	395.8	350.1	319.7	296.9	296.9	304.5
35°	456.7	456.7	449.1	426.3	395.8	334.9	296.9	266.4	251.2	243.6	251.2
37.5°	403.4	380.6	350.1	357.8	342.5	289.2	251.2	228.4	205.5	205.5	205.5
40°	365.4	342.5	312.1	289.2	281.6	258.8	220.7	182.7	159.8	152.2	152.2
42.5°	327.3	312.1	266.4	228.4	220.7	220.7	167.5	137.0	114.2	114.2	114.2
45°	304.5	281.6	243.6	197.9	159.8	167.5	137.0	99.0	83.7	76.1	76.1
47.5°	289.2	266.4	213.1	167.5	121.8	121.8	99.0	68.5	53.3	45.7	45.7
50°	266.4	243.6	190.3	137.0	91.3	76.1	60.9	38.1	22.8	15.2	15.2
52.5°	251.2	228.4	167.5	114.2	76.1	53.3	38.1	7.6	0.0	0.0	0.0
55°	228.4	197.9	144.6	91.3	60.9	30.4	7.6	0.0	0.0	0.0	0.0
57.5°	197.9	175.1	114.2	68.5	38.1	7.6	0.0	0.0	0.0	0.0	0.0
60°	167.5	144.6	91.3	53.3	15.2	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	137.0	121.8	68.5	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	114.2	91.3	53.3	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	99.0	76.1	38.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	76.1	53.3	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	53.3	38.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	38.1	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	22.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.6	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°	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5
2.5°	9682.2	9910.6	10123.7	10184.6	10352.1	10816.4	10816.4	11037.1	11432.9	11577.6	11608.0
5°	8167.5	8411.1	8456.7	8928.7	9149.4	9621.3	9933.4	10679.4	11128.5	11410.1	11585.2
7.5°	6211.2	6295.0	6470.0	6911.5	7345.4	7916.3	8510.0	9461.5	10253.1	10572.8	11166.5
10°	4270.2	4521.4	4902.0	5297.8	5975.3	6607.1	7375.8	8274.0	9248.4	9644.2	10154.2
12.5°	2877.3	3227.4	3836.4	4399.6	5023.8	5663.2	6393.9	7596.6	8700.3	9248.4	9758.3
15°	1682.2	2108.5	2633.7	3547.1	4376.8	5092.3	5823.0	7040.9	8380.6	9088.5	9712.7
17.5°	852.5	981.9	1415.8	2207.4	3303.5	4475.7	5564.2	7117.0	8624.2	9491.9	10009.5
20°	639.4	677.5	799.2	1172.2	2260.7	3699.3	5320.7	7231.2	9301.6	10359.7	10641.3
22.5°	555.7	586.1	639.4	761.2	1271.2	2831.6	4978.1	7512.9	10222.7	11219.8	11813.5
25°	471.9	502.4	548.1	624.2	814.5	1925.8	4559.5	7809.7	11044.7	12300.7	12856.4
27.5°	411.0	433.9	479.5	540.4	662.2	1225.5	3836.4	8205.5	12300.7	13609.9	13754.5
30°	350.1	373.0	411.0	479.5	563.3	867.7	2816.4	8258.8	12993.4	14180.8	14584.2
32.5°	304.5	312.1	357.8	418.6	471.9	685.1	1979.1	8312.1	13503.4	14919.2	15002.9
35°	251.2	266.4	312.1	350.1	411.0	540.4	1499.5	8045.7	14165.6	15680.3	15657.5
37.5°	205.5	228.4	258.8	289.2	334.9	456.7	1195.1	7550.9	14995.3	16860.2	16144.7
40°	159.8	182.7	213.1	251.2	281.6	411.0	898.2	6805.0	15863.0	17438.7	16677.5
42.5°	114.2	129.4	159.8	197.9	251.2	342.5	647.0	5922.0	16205.5	18116.1	17316.9
45°	83.7	99.0	121.8	167.5	258.8	274.0	449.1	5115.1	16570.9	18413.0	17172.2
47.5°	45.7	60.9	91.3	144.6	228.4	205.5	319.7	4392.0	16989.6	18679.4	17286.4
50°	15.2	22.8	53.3	152.2	182.7	159.8	251.2	4003.8	17400.6	18732.7	17514.8
52.5°	0.0	0.0	30.4	159.8	137.0	121.8	220.7	3851.6	17294.0	18900.1	17370.2
55°	0.0	0.0	7.6	68.5	76.1	91.3	182.7	3844.0	18047.6	18953.4	18161.8
57.5°	0.0	0.0	0.0	22.8	45.7	76.1	159.8	3600.4	18527.2	20277.9	19227.4
60°	0.0	0.0	0.0	7.6	30.4	53.3	121.8	3387.3	19014.3	20871.6	20369.2
62.5°	0.0	0.0	0.0	0.0	7.6	22.8	83.7	3059.9	18032.4	20825.9	21472.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	53.3	2420.6	16220.8	19737.4	20864.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	30.4	1674.6	14203.6	18367.3	19745.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1012.4	11463.4	16106.6	16746.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	433.9	8182.7	12787.8	13739.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	175.1	5061.9	9347.3	10519.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68.5	3280.7	7079.0	7984.8
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	1750.7	4437.7	5160.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	761.2	2694.6	3105.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	243.6	1636.5	1864.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	251.2	334.9
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: P599364
 CATALOG NUMBER: IFLD-L-SA7D-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5	10793.5
2.5°	11623.2	11844.0	11927.7	11798.3	11813.5	11547.1	11509.1	11136.1	10983.8	11014.3
5°	12156.1	12475.8	12650.8	12506.2	12178.9	11668.9	11204.6	10763.1	10489.1	10352.1
7.5°	12034.3	12392.0	12612.8	12749.8	12376.8	11554.7	10846.8	10017.1	9667.0	9674.6
10°	11364.4	12110.4	12559.5	12384.4	12209.3	11387.3	10291.2	9393.0	9080.9	9111.3
12.5°	10824.0	11653.7	11920.1	12057.1	11699.4	11044.7	10306.4	9278.8	8928.7	8715.5
15°	10489.1	11105.6	11120.9	11334.0	11189.4	11189.4	10466.2	9461.5	9157.0	8921.0
17.5°	10489.1	10626.1	10610.9	10687.0	10930.6	11219.8	10869.7	10199.8	9598.5	9560.4
20°	10725.0	10298.8	10199.8	10230.3	10435.8	11295.9	11760.2	10923.0	10542.4	10420.6
22.5°	11273.1	10336.8	9735.5	9628.9	10260.7	11288.3	12331.1	12064.7	11402.5	11303.5
25°	12026.7	10268.3	9613.7	9476.7	9956.3	11562.3	13115.2	13168.4	12567.1	12361.6
27.5°	12742.2	10572.8	9598.5	9568.0	10199.8	11501.4	13655.6	14051.4	13374.0	13206.5
30°	12985.8	10877.3	9880.1	9476.7	10291.2	11722.2	13640.4	14675.6	14234.1	14272.1
32.5°	13275.0	11181.8	9910.6	9750.7	10679.4	12079.9	14074.2	15680.3	15360.6	14911.5
35°	13701.3	11592.8	10199.8	10055.2	10953.4	12399.6	14165.6	16418.7	16365.4	15840.2
37.5°	14066.6	11996.2	10801.2	10824.0	11790.7	12917.2	14569.0	17324.5	17233.1	16875.4
40°	14325.4	12559.5	11737.4	11798.3	12521.4	13495.7	15284.5	17781.2	18458.6	17933.4
42.5°	14363.5	13061.9	12810.7	13297.8	13975.3	14393.9	15573.8	18093.3	19067.6	18725.1
45°	14508.1	13861.1	14561.4	14919.2	15474.8	15185.6	15558.5	18626.1	19113.3	18938.2
47.5°	15071.4	15315.0	16197.9	17286.4	17484.3	16532.9	15923.9	18709.8	19372.1	19349.2
50°	15657.5	16875.4	18116.1	18839.2	19090.4	17461.5	16266.4	18641.3	19714.6	19531.9
52.5°	16312.1	18230.3	20019.1	20909.6	20772.6	18489.1	16654.6	19197.0	20346.4	20285.5
55°	16723.2	18839.2	21244.6	22485.3	22378.7	19638.5	17887.8	19996.2	21176.1	21023.8
57.5°	17811.6	19828.8	22462.5	23041.0	23322.6	21145.6	18747.9	21305.5	21868.7	22036.2
60°	18709.8	20475.8	22782.2	23619.5	23718.4	22043.8	20255.0	22652.8	22751.7	22188.4
62.5°	20026.7	20727.0	22104.7	22858.3	23368.3	22553.8	21609.9	23375.9	22736.5	22698.4
65°	20993.4	19904.9	20841.1	21259.8	21587.1	21777.4	22972.4	23870.6	22454.8	21716.5
67.5°	20452.9	18352.1	18177.0	18199.8	18298.8	19448.2	22515.7	22660.4	20886.8	20277.9
70°	18001.9	15056.2	14820.2	15002.9	14508.1	15893.5	20666.1	20597.6	18428.2	17796.4
72.5°	14561.4	10976.2	10572.8	10824.0	10938.2	12407.3	17385.4	15619.4	13442.5	12947.7
75°	11570.0	8045.7	6789.7	7398.7	7786.9	9035.2	13579.5	10610.9	9385.4	8715.5
77.5°	9088.5	6089.4	5282.6	5039.0	5396.8	6569.0	9880.1	5571.8	4917.2	4605.1
80°	5762.1	4475.7	4856.3	4506.2	4658.4	4688.9	5145.6	2534.7	2017.1	1994.3
82.5°	3471.0	3059.9	3638.4	2001.9	3646.1	3257.9	2138.9	1149.4	1020.0	1020.0
85°	2458.6	1895.3	1255.9	814.5	1621.3	1788.8	829.7	593.7	517.6	502.4
87.5°	1233.1	586.1	281.6	182.7	205.5	334.9	99.0	45.7	45.7	38.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)