

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: P599434

Luminaire Tested: **IFLD-S-SA3B-730-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: P599434
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-730-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (48) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

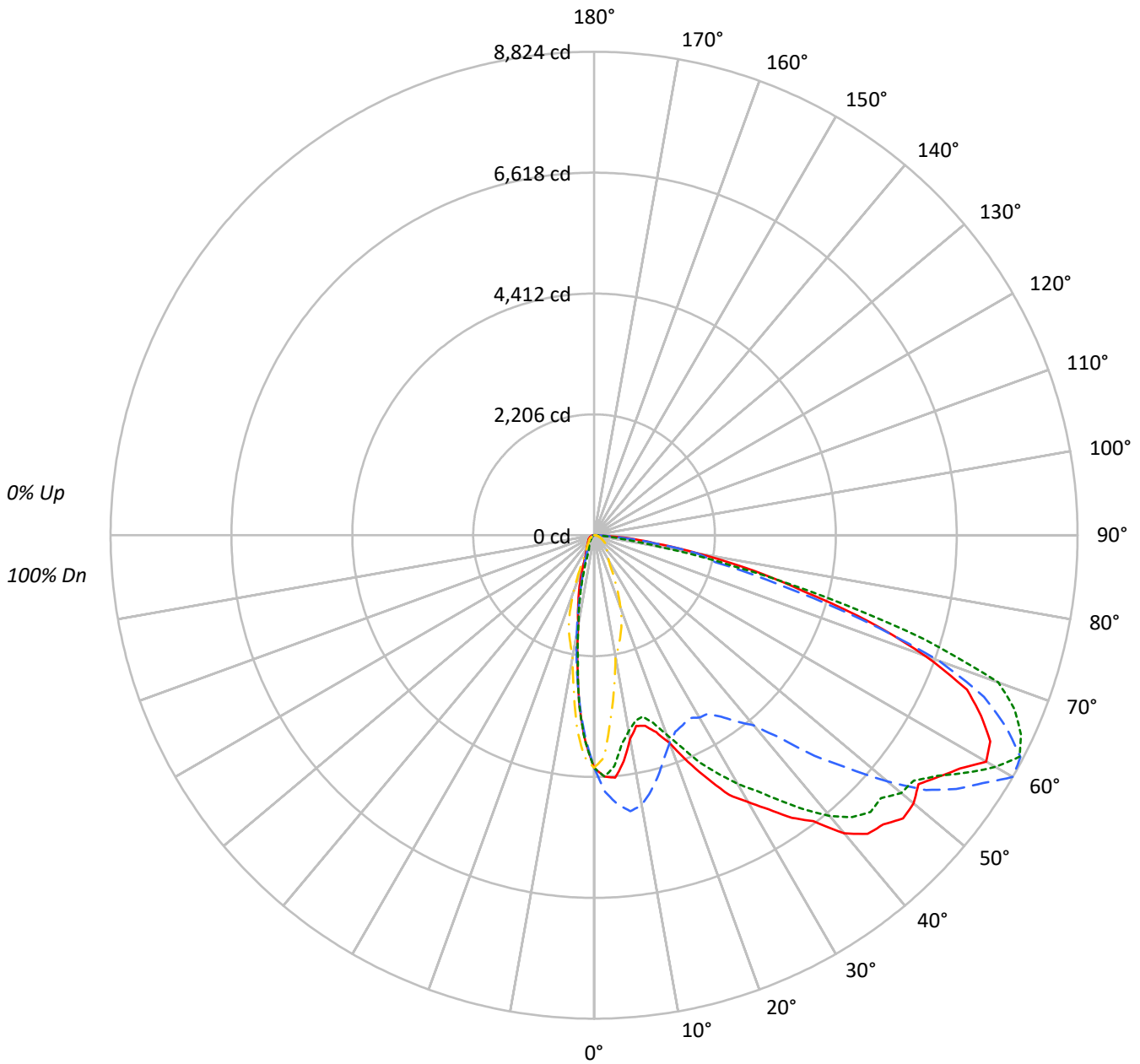
Lumens per Lamp: N/A
 Luminaire Lumens: 11285.4 lumens
 Efficiency: N/A
 Efficacy: 92.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	60898	60898	60898	60898
5°	63996	60913	44502	44763
10°	55030	52921	24332	23760
15°	53509	50867	15806	11910
20°	61677	59099	8469	4235
25°	77550	72538	5489	3292
30°	93144	86800	4445	2696
35°	110300	103490	3642	2166
40°	133079	125287	3219	1637
45°	151510	144904	2998	1100
50°	169969	163373	2961	672
55°	192212	191534	2940	303
60°	237191	242814	2681	86
65°	264656	291878	2455	0
70°	269863	329428	2274	0
75°	219582	242977	2174	0
80°	159654	101625	2240	0
85°	103215	42682	2981	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	322.4	2.9
10°-20°	632.1	5.6
20°-30°	874.8	7.8
30°-40°	1236.3	11.0
40°-50°	1683.2	14.9
50°-60°	2229.3	19.8
60°-70°	2588.3	22.9
70°-80°	1465.8	13.0
80°-90°	253.3	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°	1829.2	16.2
0°-40°	3065.5	27.2
0°-60°	6977.9	61.8
0°-90°	11285.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11285.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4243	4243	4243	4243	4243	
5°	4442	4228	3089	3107	4442	399
15°	3601	3424	1064	802	3601	1056
25°	4897	4581	347	208	4897	2284
35°	6296	5907	208	124	6296	3969
45°	7465	7139	148	54	7465	5787
55°	7682	7655	118	12	7682	6960
65°	7793	8595	72	0	7793	7597
75°	3960	4382	39	0	3960	4322
85°	627	259	18	0	627	753
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°	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2
2.5°	4409.0	4502.4	4505.4	4547.6	4589.8	4589.8	4689.2	4665.1	4577.7	4562.7	4499.4
5°	4442.1	4475.3	4499.4	4713.3	4894.2	4876.1	4930.3	4894.2	4725.4	4508.4	4360.7
7.5°	4155.8	4192.0	4288.4	4653.1	4897.2	4978.5	5081.0	4855.0	4677.2	4285.4	4002.1
10°	3776.1	3845.4	4023.2	4439.1	4740.5	4999.6	4999.6	4818.8	4475.3	4092.5	3746.0
12.5°	3565.1	3703.8	3800.2	4222.1	4613.9	4791.7	4785.7	4689.2	4466.2	3984.0	3592.3
15°	3601.3	3640.5	3845.4	4173.9	4433.1	4424.0	4532.5	4502.4	4345.7	4080.5	3649.5
17.5°	3767.1	3827.3	4005.1	4173.9	4297.5	4261.3	4258.3	4402.9	4412.0	4243.2	3863.5
20°	4038.3	4216.1	4300.5	4351.7	4201.0	4047.3	4029.2	4231.2	4387.9	4451.2	4119.7
22.5°	4472.3	4589.8	4761.6	4499.4	4107.6	3914.7	3878.6	4101.6	4418.0	4698.3	4451.2
25°	4897.2	4987.6	5153.3	4815.8	4213.1	3887.6	3824.3	4017.2	4532.5	5041.8	4852.0
27.5°	5346.2	5424.6	5442.6	5047.9	4270.3	3833.4	3758.0	4017.2	4629.0	5222.7	5331.1
30°	5620.5	5713.9	5732.0	5252.8	4363.8	3878.6	3842.4	4035.3	4695.3	5376.3	5674.7
32.5°	5927.8	5952.0	5936.9	5289.0	4466.2	4011.2	3860.5	4155.8	4770.6	5560.2	5988.1
35°	6295.5	6337.7	6184.0	5454.7	4695.3	4095.5	4041.3	4303.5	4900.2	5644.6	6367.8
37.5°	6575.8	6708.4	6361.8	5518.0	4740.5	4273.4	4282.4	4610.9	4990.6	5747.0	6786.7
40°	7103.2	6880.2	6663.2	5735.0	4912.2	4574.7	4526.5	4927.3	5295.0	5813.3	7061.0
42.5°	7392.5	7274.9	6780.7	5756.1	5177.4	4990.6	5002.7	5285.9	5454.7	6000.2	7136.3
45°	7464.8	7341.2	6940.4	5771.1	5439.6	5481.8	5689.8	5744.0	5689.8	6123.7	7278.0
47.5°	7648.6	7380.4	6922.4	5973.1	5864.6	6027.3	6292.5	6410.0	6009.2	6078.5	7344.3
50°	7612.5	7458.8	6883.2	6057.4	6382.9	6813.9	6991.7	6943.4	6364.8	5985.1	7271.9
52.5°	7461.8	7296.0	7003.7	6286.5	6868.1	7389.5	7636.6	7516.0	6681.3	6196.1	7223.7
55°	7681.8	7555.2	7160.4	6596.9	7232.8	7895.8	8070.6	7980.1	7070.0	6391.9	7498.0
57.5°	7919.9	7892.7	7585.4	6961.5	7663.7	8417.1	8417.1	8305.6	7407.5	6675.2	7904.8
60°	8263.4	8323.7	7898.8	7202.6	7811.4	8387.0	8824.0	8694.4	7748.1	7172.5	8365.9
62.5°	8151.9	8344.8	8302.6	7721.0	7980.1	8534.7	8772.7	8869.2	8170.0	7778.2	8980.7
65°	7793.3	7998.2	8299.6	8061.5	7853.6	8176.0	8296.6	8588.9	8381.0	8347.8	9233.8
67.5°	7365.4	7588.4	7775.2	8290.5	7597.4	7811.4	7705.9	7799.3	8151.9	8971.6	9378.5
70°	6431.1	6645.1	6940.4	7781.2	6919.3	6726.5	6699.3	6654.1	7202.6	8748.6	8721.5
72.5°	5289.0	5388.4	5876.6	6325.6	5120.2	5084.0	5126.2	5075.0	5710.9	7919.9	7470.8
75°	3959.9	4059.4	4336.6	4858.0	3486.8	3278.8	3519.9	3758.0	4360.7	6147.8	5367.3
77.5°	2977.5	3104.1	3278.8	3634.5	2558.6	2233.1	2266.3	2492.3	3152.3	4924.3	3007.6
80°	1931.7	1916.7	2254.2	2501.3	1925.7	1986.0	1901.6	2067.4	2284.3	2633.9	1537.0
82.5°	1115.1	1130.1	1271.8	1434.5	1341.1	1533.9	1106.0	1847.4	1630.4	1072.9	572.6
85°	626.8	654.0	783.5	994.5	840.8	563.6	461.1	916.1	1024.6	440.0	277.3
87.5°	63.3	54.2	105.5	376.7	229.0	93.4	138.6	220.0	247.1	165.8	81.4
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°	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2
2.5°	4409.0	4409.0	4333.6	4207.1	4155.8	4065.4	3941.9	3981.0	3938.8	3785.1	3746.0
5°	4228.1	4083.5	3926.8	3733.9	3622.4	3393.4	3321.0	3191.5	3212.5	3083.0	3089.0
7.5°	3851.4	3736.9	3471.7	3218.6	2998.6	2799.7	2519.4	2413.9	2311.5	2260.2	2320.5
10°	3631.4	3417.5	3055.8	2724.3	2432.0	2254.2	2067.4	1922.7	1790.1	1690.7	1669.6
12.5°	3471.7	3281.9	2844.9	2441.1	2212.0	2067.4	1895.6	1696.7	1567.1	1395.3	1344.1
15°	3423.5	3191.5	2730.4	2329.6	2106.5	1868.5	1672.6	1476.7	1307.9	1127.1	1063.8
17.5°	3589.3	3321.0	2727.4	2239.1	1925.7	1669.6	1398.3	1178.3	1006.6	840.8	801.6
20°	3869.5	3459.7	2814.7	2184.9	1753.9	1410.4	1103.0	883.0	690.1	581.6	554.5
22.5°	4189.0	3694.7	2823.8	2040.2	1582.2	1151.2	804.6	581.6	473.1	421.9	406.8
25°	4580.7	4071.4	2932.3	1922.7	1380.3	874.0	572.6	446.0	382.7	352.6	346.6
27.5°	4903.2	4333.6	3049.8	1799.1	1181.4	647.9	449.0	364.7	331.5	301.4	298.4
30°	5237.7	4635.0	3083.0	1723.8	1009.6	533.4	385.7	322.5	286.3	271.2	268.2
32.5°	5530.0	4963.5	3188.4	1600.2	846.8	470.1	349.6	289.3	265.2	241.1	238.1
35°	5906.8	5153.3	3239.7	1533.9	786.6	424.9	319.4	265.2	229.0	214.0	207.9
37.5°	6310.6	5337.2	3272.8	1482.7	735.3	397.8	301.4	250.1	217.0	195.9	189.9
40°	6687.3	5596.3	3224.6	1419.4	696.2	364.7	289.3	232.1	201.9	180.8	171.8
42.5°	6976.6	5849.5	3209.5	1359.2	654.0	352.6	274.2	223.0	189.9	165.8	162.7
45°	7139.3	6021.3	3104.1	1310.9	620.8	358.6	268.2	211.0	180.8	159.7	147.7
47.5°	7100.2	6153.9	3131.2	1295.9	575.6	334.5	265.2	201.9	165.8	147.7	138.6
50°	7317.1	6422.1	3086.0	1247.7	542.5	301.4	289.3	201.9	162.7	141.6	132.6
52.5°	7353.3	6666.2	3182.4	1160.3	491.2	277.3	286.3	198.9	156.7	135.6	123.6
55°	7654.7	6949.5	3369.3	1112.0	449.0	241.1	262.2	192.9	141.6	123.6	117.5
57.5°	8064.5	7537.1	3489.8	1066.8	391.8	211.0	220.0	189.9	129.6	114.5	105.5
60°	8459.3	7772.2	3498.8	985.5	337.5	189.9	171.8	189.9	120.5	102.5	93.4
62.5°	8754.6	7772.2	3438.6	916.1	295.3	168.8	150.7	180.8	108.5	90.4	84.4
65°	8594.9	7564.3	3281.9	858.9	268.2	147.7	129.6	138.6	96.4	78.4	72.3
67.5°	8308.6	6916.3	2935.3	789.6	265.2	129.6	111.5	102.5	84.4	69.3	63.3
70°	7850.6	6042.4	2444.1	711.2	259.2	117.5	99.5	87.4	75.3	60.3	54.2
72.5°	6325.6	4990.6	2007.1	666.0	253.1	102.5	84.4	75.3	63.3	51.2	45.2
75°	4381.8	3188.4	1546.0	569.6	247.1	93.4	78.4	66.3	54.2	42.2	39.2
77.5°	2627.9	2130.6	997.5	427.9	162.7	75.3	66.3	51.2	45.2	36.2	33.2
80°	1229.6	1006.6	403.8	165.8	78.4	54.2	45.2	39.2	36.2	30.1	27.1
82.5°	482.2	424.9	195.9	96.4	63.3	42.2	36.2	33.2	30.1	24.1	21.1
85°	259.2	229.0	93.4	66.3	45.2	30.1	30.1	27.1	24.1	21.1	18.1
87.5°	57.3	42.2	39.2	39.2	33.2	24.1	24.1	21.1	18.1	15.1	12.1
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°	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2
2.5°	3724.9	3770.1	3697.7	3743.0	3679.7	3727.9	3733.9	3688.7	3700.8	3761.0	3788.2
5°	3173.4	3143.2	3076.9	3055.8	3058.9	3019.7	3034.7	3055.8	3089.0	3107.1	3161.3
7.5°	2287.4	2356.7	2353.7	2404.9	2407.9	2401.9	2359.7	2269.3	2299.4	2275.3	2305.4
10°	1636.4	1666.5	1723.8	1757.0	1817.2	1784.1	1687.6	1651.5	1633.4	1630.4	1660.5
12.5°	1307.9	1235.6	1229.6	1241.6	1271.8	1232.6	1184.4	1142.2	1163.3	1205.5	1238.6
15°	1012.6	952.3	874.0	861.9	867.9	849.8	798.6	744.4	759.4	801.6	825.7
17.5°	777.5	708.2	654.0	617.8	605.7	542.5	467.1	421.9	409.9	406.8	427.9
20°	524.4	512.3	503.3	458.1	458.1	367.7	304.4	271.2	271.2	277.3	280.3
22.5°	391.8	376.7	379.7	370.7	346.6	274.2	241.1	232.1	232.1	238.1	238.1
25°	340.5	319.4	313.4	310.4	286.3	235.1	211.0	201.9	201.9	207.9	207.9
27.5°	289.3	283.3	274.2	262.2	241.1	201.9	186.8	177.8	180.8	183.8	180.8
30°	265.2	250.1	238.1	238.1	214.0	180.8	168.8	162.7	156.7	162.7	165.8
32.5°	235.1	226.0	220.0	211.0	183.8	159.7	147.7	141.6	138.6	138.6	141.6
35°	201.9	201.9	195.9	183.8	159.7	144.7	129.6	123.6	120.5	123.6	123.6
37.5°	180.8	171.8	174.8	162.7	141.6	126.6	111.5	105.5	105.5	102.5	105.5
40°	168.8	153.7	144.7	138.6	126.6	108.5	96.4	90.4	87.4	87.4	87.4
42.5°	150.7	138.6	120.5	117.5	114.5	93.4	78.4	75.3	72.3	69.3	69.3
45°	141.6	123.6	108.5	93.4	93.4	78.4	66.3	60.3	57.3	54.2	57.3
47.5°	129.6	111.5	93.4	78.4	75.3	63.3	51.2	45.2	42.2	42.2	42.2
50°	123.6	99.5	81.4	66.3	57.3	51.2	39.2	33.2	30.1	30.1	30.1
52.5°	114.5	93.4	72.3	57.3	45.2	39.2	30.1	24.1	21.1	21.1	21.1
55°	102.5	84.4	63.3	48.2	39.2	30.1	21.1	15.1	12.1	12.1	12.1
57.5°	96.4	75.3	54.2	42.2	30.1	21.1	12.1	9.0	9.0	6.0	9.0
60°	87.4	66.3	45.2	33.2	24.1	15.1	9.0	3.0	3.0	3.0	3.0
62.5°	75.3	57.3	39.2	27.1	18.1	9.0	3.0	0.0	0.0	0.0	0.0
65°	63.3	45.2	30.1	21.1	12.1	3.0	0.0	0.0	0.0	0.0	0.0
67.5°	54.2	39.2	24.1	15.1	9.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	48.2	33.2	18.1	12.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	39.2	27.1	15.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	33.2	21.1	9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	27.1	15.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	21.1	12.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.1	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	12.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.0	3.0	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: P599434
 CATALOG NUMBER: IFLD-S-SA3B-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2	4243.2
2.5°	3827.3	3809.3	3899.7	4047.3	4122.7	4270.3	4306.5	4399.9	4375.8	4409.0
5°	3167.3	3203.5	3336.1	3553.1	3631.4	3845.4	4047.3	4249.2	4378.8	4442.1
7.5°	2350.6	2471.2	2633.9	2832.8	3034.7	3315.0	3658.6	3893.6	4020.2	4155.8
10°	1750.9	1880.5	2067.4	2263.3	2591.7	2905.2	3248.7	3541.0	3649.5	3776.1
12.5°	1377.2	1579.2	1796.1	2007.1	2203.0	2501.3	2926.3	3351.2	3468.7	3565.1
15°	958.3	1205.5	1515.9	1790.1	2064.3	2323.5	2763.5	3278.8	3438.6	3601.3
17.5°	530.4	726.3	1081.9	1467.6	1871.5	2269.3	2817.8	3411.5	3652.5	3767.1
20°	307.4	385.7	638.9	1097.0	1630.4	2151.7	2844.9	3661.6	3981.0	4038.3
22.5°	253.1	280.3	361.6	687.1	1335.0	2076.4	2983.5	4011.2	4336.6	4472.3
25°	217.0	238.1	280.3	412.9	1009.6	1916.7	3070.9	4448.1	4749.5	4897.2
27.5°	192.9	214.0	247.1	304.4	687.1	1696.7	3215.6	4842.9	5144.3	5346.2
30°	168.8	186.8	220.0	259.2	476.2	1449.6	3339.1	5132.2	5557.2	5620.5
32.5°	150.7	165.8	189.9	223.0	352.6	1100.0	3438.6	5430.6	5789.2	5927.8
35°	129.6	147.7	162.7	189.9	268.2	828.8	3378.3	5662.6	6129.8	6295.5
37.5°	114.5	126.6	141.6	159.7	226.0	647.9	3254.7	5939.9	6422.1	6575.8
40°	96.4	105.5	123.6	141.6	204.9	500.3	3113.1	6274.4	6831.9	7103.2
42.5°	81.4	90.4	102.5	132.6	168.8	370.7	2826.8	6533.6	7163.4	7392.5
45°	63.3	75.3	93.4	132.6	135.6	274.2	2531.5	6726.5	7350.3	7464.8
47.5°	48.2	60.3	90.4	114.5	108.5	189.9	2181.9	6946.5	7543.2	7648.6
50°	36.2	48.2	102.5	99.5	90.4	144.7	1961.9	7100.2	7555.2	7612.5
52.5°	24.1	36.2	84.4	75.3	75.3	126.6	1901.6	7094.1	7585.4	7461.8
55°	18.1	27.1	48.2	54.2	66.3	111.5	1847.4	7320.2	7594.4	7681.8
57.5°	12.1	21.1	33.2	42.2	57.3	96.4	1735.9	7591.4	7874.7	7919.9
60°	6.0	15.1	24.1	33.2	48.2	84.4	1579.2	7790.3	8215.2	8263.4
62.5°	3.0	9.0	18.1	27.1	39.2	66.3	1416.4	7473.8	8067.5	8151.9
65°	0.0	6.0	12.1	18.1	24.1	48.2	1151.2	6747.6	7482.9	7793.3
67.5°	0.0	0.0	6.0	12.1	15.1	36.2	867.9	6138.8	6943.4	7365.4
70°	0.0	0.0	3.0	3.0	9.0	27.1	554.5	5084.0	6199.1	6431.1
72.5°	0.0	0.0	0.0	0.0	3.0	18.1	322.5	3776.1	4858.0	5289.0
75°	0.0	0.0	0.0	0.0	0.0	15.1	162.7	2429.0	3381.3	3959.9
77.5°	0.0	0.0	0.0	0.0	0.0	12.1	87.4	1567.1	2492.3	2977.5
80°	0.0	0.0	0.0	0.0	0.0	3.0	51.2	910.1	1594.2	1931.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	21.1	446.0	952.3	1115.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.0	238.1	476.2	626.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	33.2	63.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)