

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: P599380

Luminaire Tested: **IFLD-S-SA6A-722-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: P599380
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-722-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

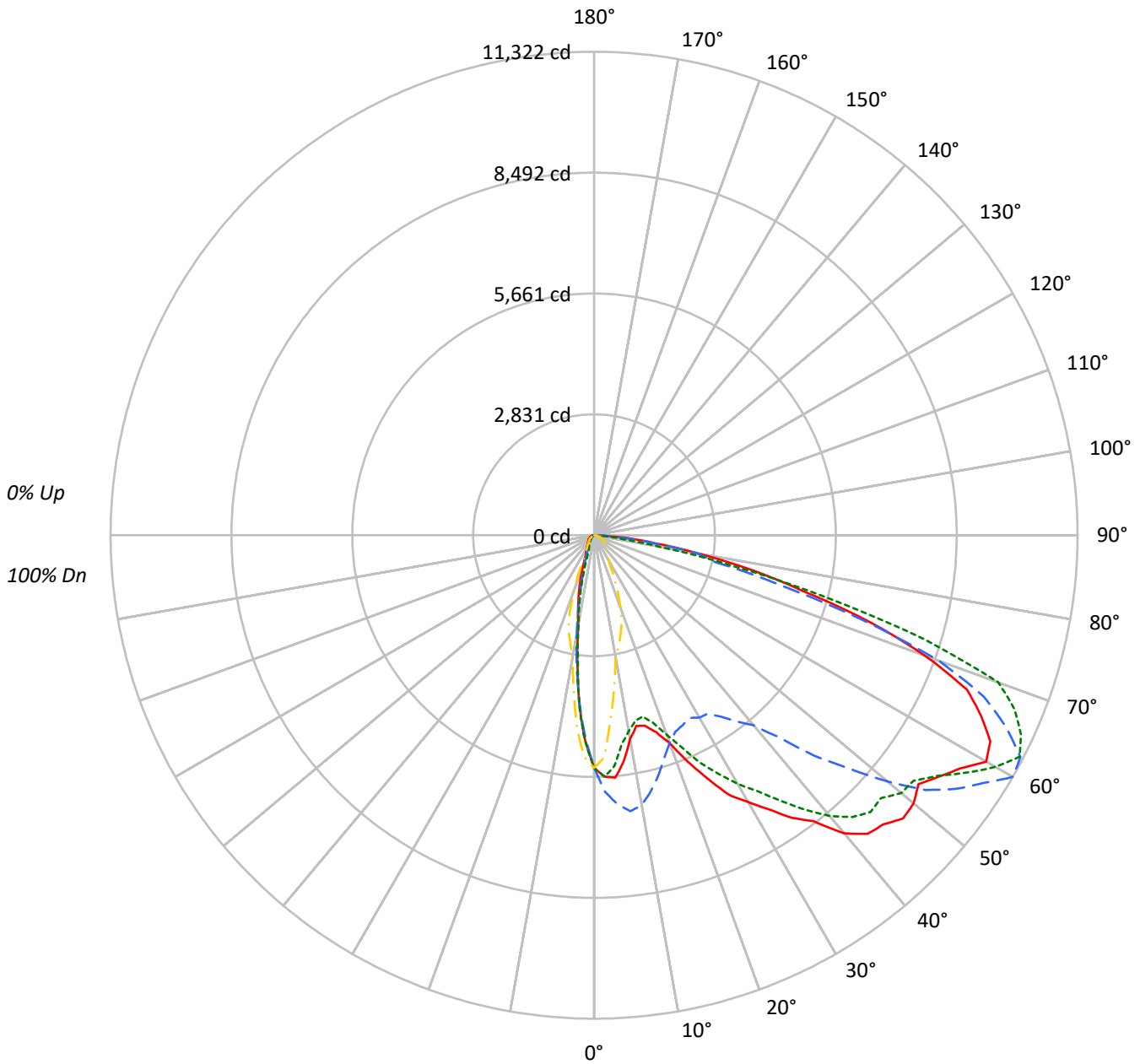
Lumens per Lamp: N/A
 Luminaire Lumens: 14480.0 lumens
 Efficiency: N/A
 Efficacy: 76.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 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

TEST NUMBER: P599380
CATALOG NUMBER: IFLD-S-SA6A-722-U-SLL-HSS

Luminous Intensity Polar Plot



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

TEST NUMBER: P599380

CATALOG NUMBER: IFLD-S-SA6A-722-U-SLL-HSS

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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°	39069	39069	39069	39069
5°	41056	39078	28550	28717
10°	35304	33951	15609	15243
15°	34328	32633	10141	7642
20°	39568	37914	5433	2716
25°	49751	46536	3521	2112
30°	59755	55686	2851	1730
35°	70761	66392	2337	1388
40°	85375	80376	2065	1050
45°	97200	92962	1923	706
50°	109041	104810	1899	432
55°	123311	122876	1887	194
60°	152167	155774	1721	56
65°	169787	187251	1576	0
70°	173127	211338	1460	0
75°	140872	155880	1395	0
80°	102427	65194	1438	0
85°	66222	27376	1910	0

TEST NUMBER: P599380
 CATALOG NUMBER: IFLD-S-SA6A-722-U-SLL-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	413.6	2.9
10°-20°	811.1	5.6
20°-30°	1122.4	7.8
30°-40°	1586.2	11.0
40°-50°	2159.6	14.9
50°-60°	2860.3	19.8
60°-70°	3321.0	22.9
70°-80°	1880.7	13.0
80°-90°	325.0	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°	2347.0	16.2
0°-40°	3933.3	27.2
0°-60°	8953.2	61.8
0°-90°	14480.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14480.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5444	5444	5444	5444	5444	
5°	5700	5425	3963	3987	5700	512
15°	4621	4393	1365	1029	4621	1355
25°	6283	5877	445	267	6283	2931
35°	8078	7579	267	158	8078	5092
45°	9578	9160	190	70	9578	7426
55°	9856	9822	151	16	9856	8930
65°	9999	11028	93	0	9999	9748
75°	5081	5622	50	0	5081	5545
85°	804	332	23	0	804	966
90°	0	0	0	0	0	

TEST NUMBER: P599380
 CATALOG NUMBER: IFLD-S-SA6A-722-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4
2.5°	5657.0	5776.9	5780.8	5834.9	5889.0	5889.0	6016.6	5985.7	5873.6	5854.2	5773.0
5°	5699.6	5742.1	5773.0	6047.6	6279.6	6256.4	6326.0	6279.6	6063.0	5784.6	5595.2
7.5°	5332.2	5378.6	5502.4	5970.2	6283.4	6387.8	6519.3	6229.3	6001.2	5498.5	5135.0
10°	4845.0	4934.0	5162.1	5695.7	6082.4	6414.9	6414.9	6182.9	5742.1	5251.0	4806.4
12.5°	4574.3	4752.2	4876.0	5417.3	5920.0	6148.1	6140.4	6016.6	5730.5	5111.8	4609.2
15°	4620.8	4671.0	4934.0	5355.4	5688.0	5676.4	5815.6	5776.9	5575.8	5235.6	4682.6
17.5°	4833.4	4910.8	5138.9	5355.4	5514.0	5467.6	5463.7	5649.3	5660.9	5444.4	4957.2
20°	5181.4	5409.6	5517.8	5583.6	5390.2	5193.0	5169.8	5428.9	5630.0	5711.2	5285.8
22.5°	5738.2	5889.0	6109.4	5773.0	5270.4	5022.9	4976.5	5262.6	5668.6	6028.2	5711.2
25°	6283.4	6399.4	6612.1	6179.0	5405.7	4988.1	4906.9	5154.4	5815.6	6469.1	6225.4
27.5°	6859.6	6960.1	6983.3	6476.8	5479.2	4918.5	4821.8	5154.4	5939.3	6701.1	6840.3
30°	7211.5	7331.3	7354.5	6739.7	5599.0	4976.5	4930.1	5177.6	6024.4	6898.3	7281.1
32.5°	7605.9	7636.8	7617.5	6786.1	5730.5	5146.6	4953.3	5332.2	6121.0	7134.1	7683.2
35°	8077.6	8131.7	7934.5	6998.8	6024.4	5254.9	5185.3	5521.7	6287.3	7242.4	8170.4
37.5°	8437.2	8607.4	8162.7	7080.0	6082.4	5483.0	5494.6	5916.1	6403.3	7373.9	8707.9
40°	9113.9	8827.8	8549.4	7358.4	6302.8	5869.7	5807.8	6322.1	6793.9	7458.9	9059.8
42.5°	9485.1	9334.3	8700.2	7385.5	6643.1	6403.3	6418.8	6782.3	6998.8	7698.7	9156.4
45°	9577.9	9419.4	8905.1	7404.8	6979.5	7033.6	7300.4	7370.0	7300.4	7857.2	9338.2
47.5°	9813.8	9469.6	8881.9	7663.9	7524.7	7733.5	8073.7	8224.5	7710.3	7799.2	9423.2
50°	9767.4	9570.2	8831.6	7772.1	8189.7	8742.7	8970.8	8909.0	8166.5	7679.3	9330.4
52.5°	9574.0	9361.4	8986.3	8066.0	8812.3	9481.2	9798.3	9643.6	8572.6	7950.0	9268.6
55°	9856.3	9693.9	9187.4	8464.3	9280.2	10130.9	10355.1	10239.1	9071.4	8201.3	9620.4
57.5°	10161.8	10127.0	9732.6	8932.2	9833.1	10799.8	10799.8	10656.7	9504.4	8564.8	10142.5
60°	10602.6	10679.9	10134.7	9241.5	10022.6	10761.1	11321.8	11155.5	9941.4	9202.8	10734.1
62.5°	10459.5	10707.0	10652.9	9906.6	10239.1	10950.6	11256.1	11379.8	10482.7	9980.0	11522.9
65°	9999.4	10262.3	10649.0	10343.5	10076.7	10490.5	10645.1	11020.2	10753.4	10710.9	11847.7
67.5°	9450.3	9736.4	9976.2	10637.4	9748.0	10022.6	9887.2	10007.1	10459.5	11511.3	12033.3
70°	8251.6	8526.2	8905.1	9983.9	8878.0	8630.6	8595.8	8537.8	9241.5	11225.1	11190.3
72.5°	6786.1	6913.7	7540.1	8116.3	6569.6	6523.2	6577.3	6511.6	7327.5	10161.8	9585.6
75°	5080.9	5208.5	5564.2	6233.2	4473.8	4207.0	4516.3	4821.8	5595.2	7888.1	6886.7
77.5°	3820.3	3982.7	4207.0	4663.3	3282.9	2865.3	2907.8	3197.8	4044.6	6318.2	3859.0
80°	2478.6	2459.2	2892.3	3209.4	2470.8	2548.2	2439.9	2652.6	2931.0	3379.5	1972.0
82.5°	1430.7	1450.0	1631.8	1840.6	1720.7	1968.2	1419.1	2370.3	2091.9	1376.6	734.7
85°	804.3	839.1	1005.4	1276.0	1078.8	723.1	591.6	1175.5	1314.7	564.5	355.7
87.5°	81.2	69.6	135.3	483.3	293.9	119.9	177.9	282.3	317.1	212.7	104.4
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: P599380
 CATALOG NUMBER: IFLD-S-SA6A-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4
2.5°	5657.0	5657.0	5560.4	5398.0	5332.2	5216.2	5057.7	5108.0	5053.8	4856.6	4806.4
5°	5425.0	5239.4	5038.4	4790.9	4647.8	4353.9	4261.1	4094.9	4121.9	3955.7	3963.4
7.5°	4941.7	4794.8	4454.5	4129.7	3847.4	3592.2	3232.6	3097.3	2965.8	2900.1	2977.4
10°	4659.4	4384.9	3920.9	3495.5	3120.5	2892.3	2652.6	2467.0	2296.8	2169.2	2142.2
12.5°	4454.5	4210.9	3650.2	3132.1	2838.2	2652.6	2432.2	2177.0	2010.7	1790.3	1724.6
15°	4392.6	4094.9	3503.3	2989.0	2702.8	2397.4	2146.0	1894.7	1678.2	1446.2	1365.0
17.5°	4605.3	4261.1	3499.4	2873.0	2470.8	2142.2	1794.2	1511.9	1291.5	1078.8	1028.6
20°	4964.9	4439.0	3611.5	2803.4	2250.4	1809.6	1415.2	1133.0	885.5	746.3	711.5
22.5°	5374.8	4740.6	3623.1	2617.8	2030.0	1477.1	1032.4	746.3	607.1	541.3	522.0
25°	5877.4	5224.0	3762.3	2467.0	1771.0	1121.4	734.7	572.3	491.1	452.4	444.7
27.5°	6291.2	5560.4	3913.1	2308.4	1515.8	831.3	576.1	467.9	425.3	386.7	382.8
30°	6720.4	5947.0	3955.7	2211.8	1295.4	684.4	494.9	413.7	367.3	348.0	344.1
32.5°	7095.5	6368.5	4091.0	2053.2	1086.6	603.2	448.5	371.2	340.3	309.3	305.5
35°	7578.8	6612.1	4156.7	1968.2	1009.2	545.2	409.9	340.3	293.9	274.5	266.8
37.5°	8096.9	6848.0	4199.3	1902.4	943.5	510.4	386.7	320.9	278.4	251.3	243.6
40°	8580.3	7180.5	4137.4	1821.2	893.2	467.9	371.2	297.7	259.1	232.0	220.4
42.5°	8951.5	7505.3	4118.1	1743.9	839.1	452.4	351.9	286.1	243.6	212.7	208.8
45°	9160.3	7725.7	3982.7	1682.0	796.5	460.1	344.1	270.7	232.0	204.9	189.5
47.5°	9110.0	7895.9	4017.5	1662.7	738.5	429.2	340.3	259.1	212.7	189.5	177.9
50°	9388.4	8240.0	3959.5	1600.8	696.0	386.7	371.2	259.1	208.8	181.7	170.1
52.5°	9434.8	8553.2	4083.3	1488.7	630.3	355.7	367.3	255.2	201.1	174.0	158.5
55°	9821.5	8916.7	4323.0	1426.8	576.1	309.3	336.4	247.5	181.7	158.5	150.8
57.5°	10347.4	9670.7	4477.7	1368.8	502.7	270.7	282.3	243.6	166.3	146.9	135.3
60°	10853.9	9972.3	4489.3	1264.4	433.1	243.6	220.4	243.6	154.7	131.5	119.9
62.5°	11232.9	9972.3	4411.9	1175.5	378.9	216.5	193.3	232.0	139.2	116.0	108.3
65°	11027.9	9705.5	4210.9	1102.0	344.1	189.5	166.3	177.9	123.7	100.5	92.8
67.5°	10660.6	8874.2	3766.2	1013.1	340.3	166.3	143.1	131.5	108.3	88.9	81.2
70°	10072.8	7752.8	3135.9	912.5	332.5	150.8	127.6	112.1	96.7	77.3	69.6
72.5°	8116.3	6403.3	2575.2	854.5	324.8	131.5	108.3	96.7	81.2	65.7	58.0
75°	5622.2	4091.0	1983.6	730.8	317.1	119.9	100.5	85.1	69.6	54.1	50.3
77.5°	3371.8	2733.8	1279.9	549.1	208.8	96.7	85.1	65.7	58.0	46.4	42.5
80°	1577.6	1291.5	518.1	212.7	100.5	69.6	58.0	50.3	46.4	38.7	34.8
82.5°	618.7	545.2	251.3	123.7	81.2	54.1	46.4	42.5	38.7	30.9	27.1
85°	332.5	293.9	119.9	85.1	58.0	38.7	38.7	34.8	30.9	27.1	23.2
87.5°	73.5	54.1	50.3	50.3	42.5	30.9	30.9	27.1	23.2	19.3	15.5
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: P599380
 CATALOG NUMBER: IFLD-S-SA6A-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4
2.5°	4779.3	4837.3	4744.5	4802.5	4721.3	4783.2	4790.9	4732.9	4748.4	4825.7	4860.5
5°	4071.7	4033.0	3947.9	3920.9	3924.7	3874.5	3893.8	3920.9	3963.4	3986.6	4056.2
7.5°	2934.9	3023.8	3019.9	3085.7	3089.5	3081.8	3027.7	2911.7	2950.3	2919.4	2958.1
10°	2099.6	2138.3	2211.8	2254.3	2331.6	2289.1	2165.4	2119.0	2095.8	2091.9	2130.6
12.5°	1678.2	1585.4	1577.6	1593.1	1631.8	1581.5	1519.6	1465.5	1492.6	1546.7	1589.2
15°	1299.2	1221.9	1121.4	1105.9	1113.6	1090.4	1024.7	955.1	974.4	1028.6	1059.5
17.5°	997.6	908.7	839.1	792.7	777.2	696.0	599.3	541.3	525.9	522.0	549.1
20°	672.8	657.3	645.7	587.7	587.7	471.7	390.5	348.0	348.0	355.7	359.6
22.5°	502.7	483.3	487.2	475.6	444.7	351.9	309.3	297.7	297.7	305.5	305.5
25°	436.9	409.9	402.1	398.3	367.3	301.6	270.7	259.1	259.1	266.8	266.8
27.5°	371.2	363.5	351.9	336.4	309.3	259.1	239.7	228.1	232.0	235.9	232.0
30°	340.3	320.9	305.5	305.5	274.5	232.0	216.5	208.8	201.1	208.8	212.7
32.5°	301.6	290.0	282.3	270.7	235.9	204.9	189.5	181.7	177.9	177.9	181.7
35°	259.1	259.1	251.3	235.9	204.9	185.6	166.3	158.5	154.7	158.5	158.5
37.5°	232.0	220.4	224.3	208.8	181.7	162.4	143.1	135.3	135.3	131.5	135.3
40°	216.5	197.2	185.6	177.9	162.4	139.2	123.7	116.0	112.1	112.1	112.1
42.5°	193.3	177.9	154.7	150.8	146.9	119.9	100.5	96.7	92.8	88.9	88.9
45°	181.7	158.5	139.2	119.9	119.9	100.5	85.1	77.3	73.5	69.6	73.5
47.5°	166.3	143.1	119.9	100.5	96.7	81.2	65.7	58.0	54.1	54.1	54.1
50°	158.5	127.6	104.4	85.1	73.5	65.7	50.3	42.5	38.7	38.7	38.7
52.5°	146.9	119.9	92.8	73.5	58.0	50.3	38.7	30.9	27.1	27.1	27.1
55°	131.5	108.3	81.2	61.9	50.3	38.7	27.1	19.3	15.5	15.5	15.5
57.5°	123.7	96.7	69.6	54.1	38.7	27.1	15.5	11.6	11.6	7.7	11.6
60°	112.1	85.1	58.0	42.5	30.9	19.3	11.6	3.9	3.9	3.9	3.9
62.5°	96.7	73.5	50.3	34.8	23.2	11.6	3.9	0.0	0.0	0.0	0.0
65°	81.2	58.0	38.7	27.1	15.5	3.9	0.0	0.0	0.0	0.0	0.0
67.5°	69.6	50.3	30.9	19.3	11.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	61.9	42.5	23.2	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	50.3	34.8	19.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	42.5	27.1	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	34.8	19.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	27.1	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	23.2	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.6	3.9	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: P599380
 CATALOG NUMBER: IFLD-S-SA6A-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4	5444.4
2.5°	4910.8	4887.6	5003.6	5193.0	5289.7	5479.2	5525.6	5645.4	5614.5	5657.0
5°	4063.9	4110.3	4280.5	4558.9	4659.4	4934.0	5193.0	5452.1	5618.4	5699.6
7.5°	3016.1	3170.7	3379.5	3634.7	3893.8	4253.4	4694.2	4995.8	5158.2	5332.2
10°	2246.6	2412.8	2652.6	2903.9	3325.4	3727.5	4168.3	4543.4	4682.6	4845.0
12.5°	1767.1	2026.2	2304.6	2575.2	2826.6	3209.4	3754.6	4299.8	4450.6	4574.3
15°	1229.6	1546.7	1945.0	2296.8	2648.7	2981.3	3545.8	4207.0	4411.9	4620.8
17.5°	680.5	931.9	1388.2	1883.1	2401.2	2911.7	3615.4	4377.1	4686.5	4833.4
20°	394.4	494.9	819.7	1407.5	2091.9	2760.9	3650.2	4698.1	5108.0	5181.4
22.5°	324.8	359.6	464.0	881.6	1713.0	2664.2	3828.1	5146.6	5564.2	5738.2
25°	278.4	305.5	359.6	529.7	1295.4	2459.2	3940.2	5707.3	6094.0	6283.4
27.5°	247.5	274.5	317.1	390.5	881.6	2177.0	4125.8	6213.8	6600.5	6859.6
30°	216.5	239.7	282.3	332.5	610.9	1859.9	4284.3	6585.1	7130.3	7211.5
32.5°	193.3	212.7	243.6	286.1	452.4	1411.4	4411.9	6967.9	7428.0	7605.9
35°	166.3	189.5	208.8	243.6	344.1	1063.4	4334.6	7265.6	7864.9	8077.6
37.5°	146.9	162.4	181.7	204.9	290.0	831.3	4176.1	7621.3	8240.0	8437.2
40°	123.7	135.3	158.5	181.7	262.9	641.9	3994.3	8050.5	8765.9	9113.9
42.5°	104.4	116.0	131.5	170.1	216.5	475.6	3627.0	8383.1	9191.2	9485.1
45°	81.2	96.7	119.9	170.1	174.0	351.9	3248.1	8630.6	9431.0	9577.9
47.5°	61.9	77.3	116.0	146.9	139.2	243.6	2799.5	8912.8	9678.4	9813.8
50°	46.4	61.9	131.5	127.6	116.0	185.6	2517.2	9110.0	9693.9	9767.4
52.5°	30.9	46.4	108.3	96.7	96.7	162.4	2439.9	9102.3	9732.6	9574.0
55°	23.2	34.8	61.9	69.6	85.1	143.1	2370.3	9392.3	9744.2	9856.3
57.5°	15.5	27.1	42.5	54.1	73.5	123.7	2227.2	9740.3	10103.8	10161.8
60°	7.7	19.3	30.9	42.5	61.9	108.3	2026.2	9995.5	10540.7	10602.6
62.5°	3.9	11.6	23.2	34.8	50.3	85.1	1817.4	9589.5	10351.3	10459.5
65°	0.0	7.7	15.5	23.2	30.9	61.9	1477.1	8657.6	9601.1	9999.4
67.5°	0.0	0.0	7.7	15.5	19.3	46.4	1113.6	7876.5	8909.0	9450.3
70°	0.0	0.0	3.9	3.9	11.6	34.8	711.5	6523.2	7953.9	8251.6
72.5°	0.0	0.0	0.0	0.0	3.9	23.2	413.7	4845.0	6233.2	6786.1
75°	0.0	0.0	0.0	0.0	0.0	19.3	208.8	3116.6	4338.5	5080.9
77.5°	0.0	0.0	0.0	0.0	0.0	15.5	112.1	2010.7	3197.8	3820.3
80°	0.0	0.0	0.0	0.0	0.0	3.9	65.7	1167.8	2045.5	2478.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	27.1	572.3	1221.9	1430.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	7.7	305.5	610.9	804.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	42.5	81.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)