

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: P599398

Luminaire Tested: **IFLD-L-SA8D-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: P599398
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8D-722-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

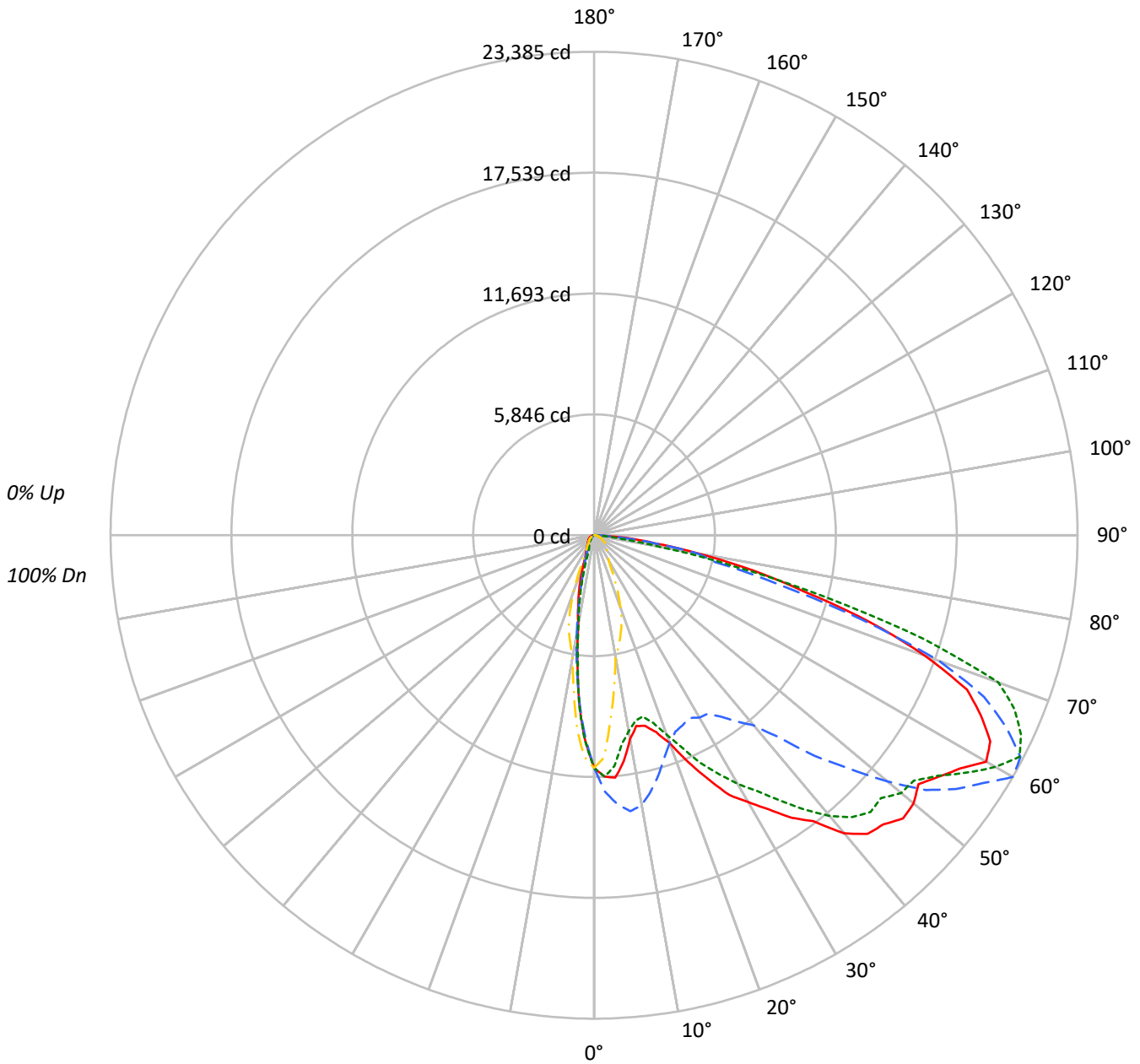
Lumens per Lamp: N/A
 Luminaire Lumens: 29908.3 lumens
 Efficiency: N/A
 Efficacy: 61.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 488.3
 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	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°	60522	60522	60522	60522
5°	63601	60537	44227	44486
10°	54690	52595	24181	23613
15°	53178	50552	15709	11837
20°	61295	58734	8417	4208
25°	77070	72090	5454	3273
30°	92568	86264	4417	2680
35°	109618	102849	3621	2152
40°	132256	124513	3198	1627
45°	150574	144009	2978	1094
50°	168918	162364	2942	669
55°	191024	190350	2923	299
60°	235725	241314	2665	86
65°	263021	290076	2441	0
70°	268196	327389	2263	0
75°	218228	241478	2158	0
80°	158671	100995	2228	0
85°	102581	42417	2958	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	854.3	2.9
10°-20°	1675.3	5.6
20°-30°	2318.3	7.8
30°-40°	3276.3	11.0
40°-50°	4460.8	14.9
50°-60°	5908.0	19.8
60°-70°	6859.6	22.9
70°-80°	3884.6	13.0
80°-90°	671.2	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°	4847.8	16.2
0°-40°	8124.1	27.2
0°-60°	18492.9	61.8
0°-90°	29908.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29908.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11245	11245	11245	11245	11245	
5°	11772	11205	8186	8234	11772	1057
15°	9544	9073	2819	2124	9544	2799
25°	12978	12140	918	551	12978	6053
35°	16684	15654	551	328	16684	10518
45°	19783	18921	391	144	19783	15338
55°	20358	20286	312	32	20358	18445
65°	20654	22778	192	0	20654	20134
75°	10495	11613	104	0	10495	11454
85°	1661	687	48	0	1661	1996
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°	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3
2.5°	11684.6	11932.2	11940.2	12052.0	12163.8	12163.8	12427.4	12363.5	12131.8	12091.9	11924.2
5°	11772.4	11860.3	11924.2	12491.3	12970.5	12922.5	13066.3	12970.5	12523.2	11948.2	11556.8
7.5°	11013.7	11109.5	11365.1	12331.5	12978.4	13194.1	13465.6	12866.6	12395.4	11357.1	10606.4
10°	10007.4	10191.1	10662.3	11764.5	12563.1	13250.0	13250.0	12770.8	11860.3	10846.0	9927.5
12.5°	9448.3	9815.7	10071.3	11189.4	12227.7	12698.9	12682.9	12427.4	11836.3	10558.5	9520.2
15°	9544.1	9648.0	10191.1	11061.6	11748.5	11724.5	12012.0	11932.2	11516.9	10814.0	9671.9
17.5°	9983.4	10143.2	10614.4	11061.6	11389.1	11293.2	11285.3	11668.6	11692.6	11245.3	10239.0
20°	10702.2	11173.4	11397.1	11532.8	11133.5	10726.2	10678.3	11213.4	11628.7	11796.4	10917.9
22.5°	11852.3	12163.8	12619.0	11924.2	10885.9	10374.8	10278.9	10869.9	11708.6	12451.3	11796.4
25°	12978.4	13218.0	13657.3	12762.8	11165.5	10302.9	10135.2	10646.3	12012.0	13361.8	12858.6
27.5°	14168.5	14376.1	14424.0	13377.8	11317.2	10159.1	9959.5	10646.3	12267.6	13841.0	14128.5
30°	14895.3	15142.8	15190.8	13920.9	11564.8	10278.9	10183.1	10694.2	12443.3	14248.3	15039.0
32.5°	15709.9	15773.8	15733.9	14016.7	11836.3	10630.3	10231.0	11013.7	12643.0	14735.5	15869.6
35°	16684.3	16796.1	16388.8	14456.0	12443.3	10854.0	10710.2	11405.1	12986.4	14959.2	16876.0
37.5°	17427.1	17778.5	16860.0	14623.7	12563.1	11325.2	11349.1	12219.7	13226.0	15230.7	17986.1
40°	18824.7	18233.7	17658.7	15198.8	13018.4	12123.9	11996.1	13058.3	14032.7	15406.4	18712.9
42.5°	19591.5	19280.0	17970.2	15254.7	13721.2	13226.0	13258.0	14008.7	14456.0	15901.6	18912.6
45°	19783.1	19455.7	18393.4	15294.6	14416.1	14527.9	15079.0	15222.7	15079.0	16229.0	19288.0
47.5°	20270.3	19559.5	18345.5	15829.7	15542.2	15973.5	16676.3	16987.8	15925.5	16109.2	19463.7
50°	20174.5	19767.2	18241.7	16053.3	16915.9	18058.0	18529.2	18401.4	16868.0	15861.7	19272.0
52.5°	19775.2	19335.9	18561.2	16660.3	18201.8	19583.5	20238.4	19918.9	17706.6	16420.7	19144.2
55°	20358.2	20022.7	18976.5	17483.0	19168.2	20925.2	21388.5	21148.9	18736.9	16939.9	19871.0
57.5°	20989.1	20917.3	20102.6	18449.4	20310.3	22306.9	22306.9	22011.4	19631.4	17690.6	20949.2
60°	21899.6	22059.4	20933.2	19088.3	20701.6	22227.1	23385.2	23041.7	20533.9	19008.4	22171.2
62.5°	21604.1	22115.3	22003.5	20462.0	21148.9	22618.4	23249.4	23505.0	21652.0	20613.8	23800.5
65°	20653.7	21196.8	21995.5	21364.5	20813.4	21668.0	21987.5	22762.2	22211.1	22123.3	24471.4
67.5°	19519.6	20110.6	20605.8	21971.5	20134.6	20701.6	20422.1	20669.7	21604.1	23776.5	24854.7
70°	17043.7	17610.7	18393.4	20621.7	18337.5	17826.4	17754.5	17634.7	19088.3	23185.5	23113.6
72.5°	14016.7	14280.3	15574.1	16764.2	13569.5	13473.6	13585.4	13449.7	15134.9	20989.1	19799.1
75°	10494.6	10758.1	11492.9	12874.6	9240.7	8689.6	9328.5	9959.5	11556.8	16292.9	14224.4
77.5°	7890.9	8226.3	8689.6	9632.0	6780.7	5918.2	6006.0	6605.0	8354.1	13050.3	7970.8
80°	5119.5	5079.6	5974.1	6629.0	5103.5	5263.3	5039.6	5478.9	6053.9	6980.4	4073.2
82.5°	2955.1	2995.0	3370.4	3801.7	3554.1	4065.2	2931.1	4895.9	4320.8	2843.3	1517.5
85°	1661.2	1733.1	2076.6	2635.6	2228.3	1493.5	1222.0	2428.0	2715.5	1166.1	734.8
87.5°	167.7	143.8	279.5	998.3	607.0	247.6	367.4	583.0	654.9	439.3	215.6
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°	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3
2.5°	11684.6	11684.6	11484.9	11149.5	11013.7	10774.1	10446.6	10550.5	10438.7	10031.3	9927.5
5°	11205.4	10822.0	10406.7	9895.6	9600.1	8993.1	8801.4	8458.0	8513.9	8170.4	8186.4
7.5°	10207.0	9903.6	9200.7	8529.8	7946.8	7419.7	6676.9	6397.4	6125.8	5990.1	6149.8
10°	9624.0	9057.0	8098.5	7220.0	6445.3	5974.1	5478.9	5095.5	4744.1	4480.6	4424.7
12.5°	9200.7	8697.6	7539.5	6469.3	5862.3	5478.9	5023.7	4496.5	4153.1	3697.9	3562.1
15°	9072.9	8458.0	7236.0	6173.7	5582.7	4951.8	4432.6	3913.5	3466.2	2987.0	2819.3
17.5°	9512.2	8801.4	7228.0	5934.1	5103.5	4424.7	3705.8	3122.8	2667.6	2228.3	2124.5
20°	10255.0	9168.8	7459.6	5790.4	4648.3	3737.8	2923.1	2340.1	1829.0	1541.4	1469.6
22.5°	11101.6	9791.7	7483.6	5407.0	4193.0	3050.9	2132.5	1541.4	1253.9	1118.1	1078.2
25°	12139.8	10790.1	7771.1	5095.5	3657.9	2316.2	1517.5	1182.0	1014.3	934.4	918.5
27.5°	12994.4	11484.9	8082.6	4768.1	3130.8	1717.1	1190.0	966.4	878.5	798.7	790.7
30°	13880.9	12283.6	8170.4	4568.4	2675.6	1413.7	1022.3	854.6	758.7	718.8	710.8
32.5°	14655.7	13154.2	8450.0	4241.0	2244.3	1245.9	926.5	766.7	702.8	638.9	631.0
35°	15654.0	13657.3	8585.7	4065.2	2084.5	1126.1	846.6	702.8	607.0	567.1	551.1
37.5°	16724.2	14144.5	8673.6	3929.5	1948.8	1054.2	798.7	662.9	575.0	519.1	503.2
40°	17722.6	14831.4	8545.8	3761.8	1844.9	966.4	766.7	615.0	535.1	479.2	455.2
42.5°	18489.3	15502.3	8505.9	3602.0	1733.1	934.4	726.8	591.0	503.2	439.3	431.3
45°	18920.6	15957.5	8226.3	3474.2	1645.3	950.4	710.8	559.1	479.2	423.3	391.3
47.5°	18816.7	16308.9	8298.2	3434.3	1525.5	886.5	702.8	535.1	439.3	391.3	367.4
50°	19391.8	17019.7	8178.4	3306.5	1437.6	798.7	766.7	535.1	431.3	375.4	351.4
52.5°	19487.6	17666.7	8434.0	3074.9	1301.8	734.8	758.7	527.1	415.3	359.4	327.5
55°	20286.3	18417.4	8929.2	2947.1	1190.0	638.9	694.8	511.2	375.4	327.5	311.5
57.5°	21372.5	19974.8	9248.6	2827.3	1038.3	559.1	583.0	503.2	343.4	303.5	279.5
60°	22418.8	20597.8	9272.6	2611.7	894.5	503.2	455.2	503.2	319.5	271.5	247.6
62.5°	23201.5	20597.8	9112.9	2428.0	782.7	447.3	399.3	479.2	287.5	239.6	223.6
65°	22778.2	20046.7	8697.6	2276.2	710.8	391.3	343.4	367.4	255.6	207.7	191.7
67.5°	22019.4	18329.6	7779.1	2092.5	702.8	343.4	295.5	271.5	223.6	183.7	167.7
70°	20805.4	16013.4	6477.2	1884.9	686.9	311.5	263.6	231.6	199.7	159.7	143.8
72.5°	16764.2	13226.0	5319.2	1765.1	670.9	271.5	223.6	199.7	167.7	135.8	119.8
75°	11612.7	8450.0	4097.2	1509.5	654.9	247.6	207.7	175.7	143.8	111.8	103.8
77.5°	6964.4	5646.6	2643.6	1134.1	431.3	199.7	175.7	135.8	119.8	95.8	87.9
80°	3258.6	2667.6	1070.2	439.3	207.7	143.8	119.8	103.8	95.8	79.9	71.9
82.5°	1277.9	1126.1	519.1	255.6	167.7	111.8	95.8	87.9	79.9	63.9	55.9
85°	686.9	607.0	247.6	175.7	119.8	79.9	79.9	71.9	63.9	55.9	47.9
87.5°	151.7	111.8	103.8	103.8	87.9	63.9	63.9	55.9	47.9	39.9	31.9
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°	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3
2.5°	9871.6	9991.4	9799.7	9919.5	9751.8	9879.6	9895.6	9775.8	9807.7	9967.4	10039.3
5°	8410.0	8330.2	8154.5	8098.5	8106.5	8002.7	8042.6	8098.5	8186.4	8234.3	8378.1
7.5°	6061.9	6245.6	6237.6	6373.4	6381.4	6365.4	6253.6	6014.0	6093.9	6030.0	6109.9
10°	4336.8	4416.7	4568.4	4656.3	4816.0	4728.1	4472.6	4376.7	4328.8	4320.8	4400.7
12.5°	3466.2	3274.6	3258.6	3290.5	3370.4	3266.6	3138.8	3027.0	3082.9	3194.7	3282.5
15°	2683.5	2523.8	2316.2	2284.2	2300.2	2252.3	2116.5	1972.7	2012.7	2124.5	2188.4
17.5°	2060.6	1876.9	1733.1	1637.3	1605.3	1437.6	1237.9	1118.1	1086.2	1078.2	1134.1
20°	1389.7	1357.7	1333.8	1214.0	1214.0	974.4	806.7	718.8	718.8	734.8	742.8
22.5°	1038.3	998.3	1006.3	982.4	918.5	726.8	638.9	615.0	615.0	631.0	631.0
25°	902.5	846.6	830.6	822.6	758.7	623.0	559.1	535.1	535.1	551.1	551.1
27.5°	766.7	750.8	726.8	694.8	638.9	535.1	495.2	471.2	479.2	487.2	479.2
30°	702.8	662.9	631.0	631.0	567.1	479.2	447.3	431.3	415.3	431.3	439.3
32.5°	623.0	599.0	583.0	559.1	487.2	423.3	391.3	375.4	367.4	367.4	375.4
35°	535.1	535.1	519.1	487.2	423.3	383.4	343.4	327.5	319.5	327.5	327.5
37.5°	479.2	455.2	463.2	431.3	375.4	335.4	295.5	279.5	279.5	271.5	279.5
40°	447.3	407.3	383.4	367.4	335.4	287.5	255.6	239.6	231.6	231.6	231.6
42.5°	399.3	367.4	319.5	311.5	303.5	247.6	207.7	199.7	191.7	183.7	183.7
45°	375.4	327.5	287.5	247.6	247.6	207.7	175.7	159.7	151.7	143.8	151.7
47.5°	343.4	295.5	247.6	207.7	199.7	167.7	135.8	119.8	111.8	111.8	111.8
50°	327.5	263.6	215.6	175.7	151.7	135.8	103.8	87.9	79.9	79.9	79.9
52.5°	303.5	247.6	191.7	151.7	119.8	103.8	79.9	63.9	55.9	55.9	55.9
55°	271.5	223.6	167.7	127.8	103.8	79.9	55.9	39.9	31.9	31.9	31.9
57.5°	255.6	199.7	143.8	111.8	79.9	55.9	31.9	24.0	24.0	16.0	24.0
60°	231.6	175.7	119.8	87.9	63.9	39.9	24.0	8.0	8.0	8.0	8.0
62.5°	199.7	151.7	103.8	71.9	47.9	24.0	8.0	0.0	0.0	0.0	0.0
65°	167.7	119.8	79.9	55.9	31.9	8.0	0.0	0.0	0.0	0.0	0.0
67.5°	143.8	103.8	63.9	39.9	24.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	127.8	87.9	47.9	31.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	103.8	71.9	39.9	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	87.9	55.9	24.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	71.9	39.9	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	55.9	31.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	47.9	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	31.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.0	8.0	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: P599398
 CATALOG NUMBER: IFLD-L-SA8D-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3	11245.3
2.5°	10143.2	10095.2	10334.8	10726.2	10925.9	11317.2	11413.0	11660.6	11596.7	11684.6
5°	8394.1	8489.9	8841.3	9416.4	9624.0	10191.1	10726.2	11261.3	11604.7	11772.4
7.5°	6229.7	6549.1	6980.4	7507.5	8042.6	8785.4	9695.9	10318.9	10654.3	11013.7
10°	4640.3	4983.7	5478.9	5998.0	6868.6	7699.2	8609.7	9384.4	9671.9	10007.4
12.5°	3649.9	4185.0	4760.1	5319.2	5838.3	6629.0	7755.1	8881.2	9192.7	9448.3
15°	2539.8	3194.7	4017.3	4744.1	5470.9	6157.8	7323.8	8689.6	9112.9	9544.1
17.5°	1405.7	1924.8	2867.2	3889.5	4959.8	6014.0	7467.6	9041.0	9679.9	9983.4
20°	814.6	1022.3	1693.2	2907.2	4320.8	5702.5	7539.5	9703.9	10550.5	10702.2
22.5°	670.9	742.8	958.4	1821.0	3538.1	5502.9	7906.9	10630.3	11492.9	11852.3
25°	575.0	631.0	742.8	1094.2	2675.6	5079.6	8138.5	11788.4	12587.1	12978.4
27.5°	511.2	567.1	654.9	806.7	1821.0	4496.5	8521.8	12834.7	13633.4	14168.5
30°	447.3	495.2	583.0	686.9	1261.9	3841.6	8849.3	13601.4	14727.5	14895.3
32.5°	399.3	439.3	503.2	591.0	934.4	2915.2	9112.9	14392.1	15342.5	15709.9
35°	343.4	391.3	431.3	503.2	710.8	2196.4	8953.1	15007.1	16245.0	16684.3
37.5°	303.5	335.4	375.4	423.3	599.0	1717.1	8625.7	15741.9	17019.7	17427.1
40°	255.6	279.5	327.5	375.4	543.1	1325.8	8250.3	16628.4	18105.9	18824.7
42.5°	215.6	239.6	271.5	351.4	447.3	982.4	7491.6	17315.2	18984.5	19591.5
45°	167.7	199.7	247.6	351.4	359.4	726.8	6708.9	17826.4	19479.6	19783.1
47.5°	127.8	159.7	239.6	303.5	287.5	503.2	5782.4	18409.4	19990.8	20270.3
50°	95.8	127.8	271.5	263.6	239.6	383.4	5199.4	18816.7	20022.7	20174.5
52.5°	63.9	95.8	223.6	199.7	199.7	335.4	5039.6	18800.8	20102.6	19775.2
55°	47.9	71.9	127.8	143.8	175.7	295.5	4895.9	19399.8	20126.6	20358.2
57.5°	31.9	55.9	87.9	111.8	151.7	255.6	4600.4	20118.6	20869.3	20989.1
60°	16.0	39.9	63.9	87.9	127.8	223.6	4185.0	20645.7	21771.8	21899.6
62.5°	8.0	24.0	47.9	71.9	103.8	175.7	3753.8	19807.1	21380.5	21604.1
65°	0.0	16.0	31.9	47.9	63.9	127.8	3050.9	17882.3	19831.1	20653.7
67.5°	0.0	0.0	16.0	31.9	39.9	95.8	2300.2	16269.0	18401.4	19519.6
70°	0.0	0.0	8.0	8.0	24.0	71.9	1469.6	13473.6	16428.7	17043.7
72.5°	0.0	0.0	0.0	0.0	8.0	47.9	854.6	10007.4	12874.6	14016.7
75°	0.0	0.0	0.0	0.0	0.0	39.9	431.3	6437.3	8961.1	10494.6
77.5°	0.0	0.0	0.0	0.0	0.0	31.9	231.6	4153.1	6605.0	7890.9
80°	0.0	0.0	0.0	0.0	0.0	8.0	135.8	2412.0	4225.0	5119.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	55.9	1182.0	2523.8	2955.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	16.0	631.0	1261.9	1661.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	87.9	167.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)