

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: P599383

Luminaire Tested: **IFLD-S-SA6D-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: P599383
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-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

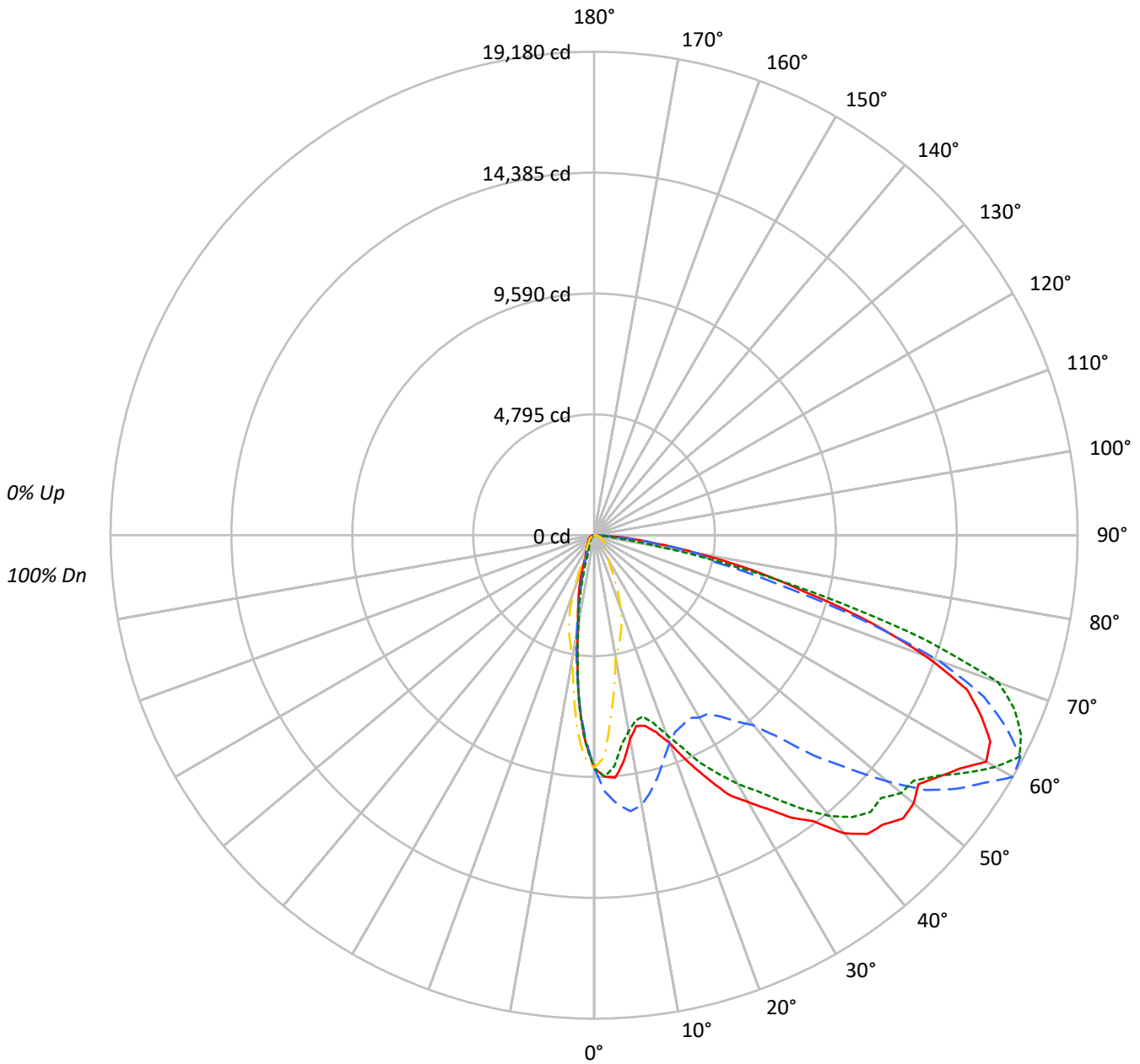
Lumens per Lamp: N/A
 Luminaire Lumens: 24529.6 lumens
 Efficiency: N/A
 Efficacy: 66.6 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 368.2
 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°	66183	66183	66183	66183
5°	69551	66200	48364	48647
10°	59806	57515	26443	25822
15°	58153	55281	17178	12944
20°	67029	64228	9204	4602
25°	84280	78834	5964	3579
30°	101227	94334	4831	2931
35°	119872	112470	3960	2353
40°	144627	136160	3498	1780
45°	164659	157480	3258	1196
50°	184719	177552	3217	731
55°	208893	208156	3197	328
60°	257776	263887	2915	95
65°	287625	317210	2669	0
70°	293284	358014	2474	0
75°	238641	264065	2362	0
80°	173514	110444	2438	0
85°	112181	46379	3236	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	700.7	2.9
10°-20°	1374.0	5.6
20°-30°	1901.3	7.8
30°-40°	2687.1	11.0
40°-50°	3658.5	14.9
50°-60°	4845.5	19.8
60°-70°	5626.0	22.9
70°-80°	3186.0	13.0
80°-90°	550.5	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°	3976.0	16.2
0°-40°	6663.1	27.2
0°-60°	15167.1	61.8
0°-90°	24529.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24529.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9223	9223	9223	9223	9223	
5°	9655	9190	6714	6753	9655	867
15°	7828	7441	2312	1742	7828	2296
25°	10644	9957	753	452	10644	4964
35°	13684	12839	452	269	13684	8626
45°	16225	15518	321	118	16225	12579
55°	16697	16638	256	26	16697	15127
65°	16939	18682	157	0	16939	16513
75°	8607	9524	85	0	8607	9394
85°	1362	563	39	0	1362	1637
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°	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9
2.5°	9583.2	9786.3	9792.8	9884.5	9976.2	9976.2	10192.4	10140.0	9950.0	9917.3	9779.7
5°	9655.3	9727.3	9779.7	10244.8	10637.8	10598.5	10716.4	10637.8	10271.0	9799.4	9478.4
7.5°	9033.0	9111.6	9321.2	10113.8	10644.4	10821.2	11043.9	10552.7	10166.2	9314.6	8698.9
10°	8207.6	8358.3	8744.8	9648.7	10303.7	10867.1	10867.1	10474.1	9727.3	8895.4	8142.1
12.5°	7749.1	8050.4	8260.0	9177.1	10028.6	10415.1	10402.0	10192.4	9707.7	8659.6	7808.1
15°	7827.7	7912.9	8358.3	9072.3	9635.6	9616.0	9851.8	9786.3	9445.6	8869.2	7932.5
17.5°	8188.0	8319.0	8705.5	9072.3	9340.8	9262.2	9255.7	9570.1	9589.8	9222.9	8397.6
20°	8777.5	9164.0	9347.4	9458.7	9131.2	8797.2	8757.9	9196.7	9537.4	9674.9	8954.4
22.5°	9720.8	9976.2	10349.6	9779.7	8928.2	8508.9	8430.3	8915.1	9602.9	10212.0	9674.9
25°	10644.4	10840.9	11201.1	10467.5	9157.4	8450.0	8312.4	8731.7	9851.8	10958.8	10546.1
27.5°	11620.4	11790.7	11830.0	10971.9	9281.9	8332.1	8168.3	8731.7	10061.4	11351.8	11587.6
30°	12216.5	12419.5	12458.8	11417.3	9484.9	8430.3	8351.7	8771.0	10205.5	11685.9	12334.4
32.5°	12884.6	12937.0	12904.2	11495.9	9707.7	8718.6	8391.0	9033.0	10369.2	12085.4	13015.6
35°	13683.7	13775.4	13441.4	11856.2	10205.5	8902.0	8784.1	9353.9	10650.9	12268.9	13840.9
37.5°	14292.9	14581.1	13827.8	11993.7	10303.7	9288.4	9308.1	10022.1	10847.4	12491.6	14751.5
40°	15439.2	14954.5	14482.9	12465.4	10677.1	9943.5	9838.7	10709.9	11509.0	12635.7	15347.5
42.5°	16068.1	15812.6	14738.4	12511.2	11253.5	10847.4	10873.6	11489.4	11856.2	13041.8	15511.3
45°	16225.3	15956.7	15085.5	12544.0	11823.4	11915.1	12367.1	12485.0	12367.1	13310.4	15819.2
47.5°	16624.9	16041.9	15046.2	12982.8	12747.0	13100.8	13677.2	13932.7	13061.5	13212.1	15963.3
50°	16546.3	16212.2	14961.1	13166.3	13873.7	14810.4	15196.9	15092.1	13834.4	13009.1	15806.1
52.5°	16218.7	15858.5	15223.1	13664.1	14928.3	16061.5	16598.7	16336.6	14522.2	13467.6	15701.3
55°	16696.9	16421.8	15563.7	14338.8	15720.9	17162.0	17541.9	17345.4	15367.2	13893.4	16297.3
57.5°	17214.4	17155.4	16487.3	15131.4	16657.6	18295.2	18295.2	18052.8	16100.8	14509.1	17181.6
60°	17961.1	18092.1	17168.5	15655.4	16978.6	18229.7	19179.5	18897.8	16841.0	15589.9	18183.9
62.5°	17718.8	18138.0	18046.3	16782.1	17345.4	18550.7	19068.2	19277.8	17758.1	16906.5	19520.1
65°	16939.3	17384.7	18039.7	17522.3	17070.3	17771.2	18033.2	18668.6	18216.6	18144.5	20070.4
67.5°	16009.1	16493.9	16900.0	18020.1	16513.5	16978.6	16749.3	16952.4	17718.8	19500.5	20384.8
70°	13978.5	14443.6	15085.5	16913.1	15039.7	14620.4	14561.5	14463.2	15655.4	19015.7	18956.8
72.5°	11495.9	11712.1	12773.2	13749.2	11129.1	11050.5	11142.2	11030.8	12413.0	17214.4	16238.4
75°	8607.2	8823.4	9426.0	10559.2	7578.8	7126.8	7650.8	8168.3	9478.4	13362.8	11666.2
77.5°	6471.8	6746.9	7126.8	7899.8	5561.3	4853.8	4925.9	5417.2	6851.7	10703.3	6537.3
80°	4198.8	4166.0	4899.7	5436.8	4185.7	4316.7	4133.3	4493.6	4965.2	5725.0	3340.7
82.5°	2423.6	2456.4	2764.3	3118.0	2914.9	3334.1	2404.0	4015.4	3543.8	2331.9	1244.6
85°	1362.5	1421.4	1703.1	2161.6	1827.6	1224.9	1002.2	1991.3	2227.1	956.4	602.6
87.5°	137.6	117.9	229.3	818.8	497.8	203.1	301.3	478.2	537.1	360.3	176.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9
2.5°	9583.2	9583.2	9419.4	9144.3	9033.0	8836.5	8567.9	8653.0	8561.3	8227.3	8142.1
5°	9190.2	8875.8	8535.1	8115.9	7873.6	7375.7	7218.5	6936.9	6982.7	6701.0	6714.1
7.5°	8371.4	8122.5	7546.0	6995.8	6517.6	6085.3	5476.1	5246.9	5024.1	4912.8	5043.8
10°	7893.2	7428.1	6642.1	5921.5	5286.2	4899.7	4493.6	4179.1	3890.9	3674.8	3628.9
12.5°	7546.0	7133.4	6183.6	5305.8	4808.0	4493.6	4120.2	3687.9	3406.2	3032.8	2921.5
15°	7441.2	6936.9	5934.6	5063.4	4578.7	4061.2	3635.5	3209.7	2842.9	2449.8	2312.3
17.5°	7801.5	7218.5	5928.1	4866.9	4185.7	3628.9	3039.4	2561.2	2187.8	1827.6	1742.4
20°	8410.7	7519.8	6118.1	4749.0	3812.3	3065.6	2397.4	1919.3	1500.0	1264.2	1205.3
22.5°	9105.0	8030.8	6137.7	4434.6	3438.9	2502.2	1749.0	1264.2	1028.4	917.1	884.3
25°	9956.6	8849.6	6373.5	4179.1	3000.1	1899.6	1244.6	969.5	831.9	766.4	753.3
27.5°	10657.5	9419.4	6629.0	3910.6	2567.7	1408.3	976.0	792.6	720.5	655.0	648.5
30°	11384.6	10074.5	6701.0	3746.8	2194.4	1159.4	838.4	700.9	622.3	589.5	583.0
32.5°	12019.9	10788.5	6930.3	3478.3	1840.7	1021.9	759.8	628.8	576.4	524.0	517.5
35°	12838.7	11201.1	7041.7	3334.1	1709.6	923.6	694.3	576.4	497.8	465.1	452.0
37.5°	13716.5	11600.7	7113.7	3222.8	1598.3	864.6	655.0	543.7	471.6	425.8	412.7
40°	14535.3	12164.1	7008.9	3085.2	1513.1	792.6	628.8	504.4	438.9	393.0	373.4
42.5°	15164.1	12714.3	6976.2	2954.2	1421.4	766.4	596.1	484.7	412.7	360.3	353.7
45°	15517.8	13087.7	6746.9	2849.4	1349.4	779.5	583.0	458.5	393.0	347.2	321.0
47.5°	15432.7	13375.9	6805.8	2816.7	1251.1	727.1	576.4	438.9	360.3	321.0	301.3
50°	15904.3	13958.9	6707.6	2711.9	1179.1	655.0	628.8	438.9	353.7	307.9	288.2
52.5°	15982.9	14489.4	6917.2	2521.9	1067.7	602.6	622.3	432.3	340.6	294.8	268.6
55°	16638.0	15105.2	7323.3	2417.1	976.0	524.0	569.9	419.2	307.9	268.6	255.5
57.5°	17528.8	16382.5	7585.3	2318.8	851.5	458.5	478.2	412.7	281.7	248.9	229.3
60°	18386.9	16893.4	7605.0	2142.0	733.6	412.7	373.4	412.7	262.0	222.7	203.1
62.5°	19028.8	16893.4	7474.0	1991.3	641.9	366.8	327.5	393.0	235.8	196.5	183.4
65°	18681.7	16441.4	7133.4	1866.9	583.0	321.0	281.7	301.3	209.6	170.3	157.2
67.5°	18059.4	15033.1	6380.1	1716.2	576.4	281.7	242.4	222.7	183.4	150.7	137.6
70°	17063.7	13133.5	5312.4	1545.9	563.3	255.5	216.2	190.0	163.8	131.0	117.9
72.5°	13749.2	10847.4	4362.6	1447.6	550.2	222.7	183.4	163.8	137.6	111.4	98.3
75°	9524.2	6930.3	3360.3	1238.0	537.1	203.1	170.3	144.1	117.9	91.7	85.2
77.5°	5711.9	4631.1	2168.2	930.2	353.7	163.8	144.1	111.4	98.3	78.6	72.1
80°	2672.6	2187.8	877.8	360.3	170.3	117.9	98.3	85.2	78.6	65.5	59.0
82.5°	1048.1	923.6	425.8	209.6	137.6	91.7	78.6	72.1	65.5	52.4	45.9
85°	563.3	497.8	203.1	144.1	98.3	65.5	65.5	59.0	52.4	45.9	39.3
87.5°	124.5	91.7	85.2	85.2	72.1	52.4	52.4	45.9	39.3	32.8	26.2
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°	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9
2.5°	8096.3	8194.5	8037.3	8135.6	7998.0	8102.8	8115.9	8017.7	8043.9	8174.9	8233.8
5°	6897.5	6832.0	6687.9	6642.1	6648.6	6563.5	6596.2	6642.1	6714.1	6753.4	6871.3
7.5°	4971.7	5122.4	5115.8	5227.2	5233.8	5220.7	5128.9	4932.4	4997.9	4945.5	5011.0
10°	3556.9	3622.4	3746.8	3818.9	3949.9	3877.8	3668.2	3589.6	3550.3	3543.8	3609.3
12.5°	2842.9	2685.7	2672.6	2698.8	2764.3	2679.1	2574.3	2482.6	2528.4	2620.2	2692.2
15°	2200.9	2069.9	1899.6	1873.4	1886.5	1847.2	1735.9	1617.9	1650.7	1742.4	1794.8
17.5°	1690.0	1539.3	1421.4	1342.8	1316.6	1179.1	1015.3	917.1	890.9	884.3	930.2
20°	1139.8	1113.6	1093.9	995.7	995.7	799.1	661.6	589.5	589.5	602.6	609.2
22.5°	851.5	818.8	825.3	805.7	753.3	596.1	524.0	504.4	504.4	517.5	517.5
25°	740.2	694.3	681.2	674.7	622.3	510.9	458.5	438.9	438.9	452.0	452.0
27.5°	628.8	615.7	596.1	569.9	524.0	438.9	406.1	386.5	393.0	399.6	393.0
30°	576.4	543.7	517.5	517.5	465.1	393.0	366.8	353.7	340.6	353.7	360.3
32.5°	510.9	491.3	478.2	458.5	399.6	347.2	321.0	307.9	301.3	301.3	307.9
35°	438.9	438.9	425.8	399.6	347.2	314.4	281.7	268.6	262.0	268.6	268.6
37.5°	393.0	373.4	379.9	353.7	307.9	275.1	242.4	229.3	229.3	222.7	229.3
40°	366.8	334.1	314.4	301.3	275.1	235.8	209.6	196.5	190.0	190.0	190.0
42.5°	327.5	301.3	262.0	255.5	248.9	203.1	170.3	163.8	157.2	150.7	150.7
45°	307.9	268.6	235.8	203.1	203.1	170.3	144.1	131.0	124.5	117.9	124.5
47.5°	281.7	242.4	203.1	170.3	163.8	137.6	111.4	98.3	91.7	91.7	91.7
50°	268.6	216.2	176.9	144.1	124.5	111.4	85.2	72.1	65.5	65.5	65.5
52.5°	248.9	203.1	157.2	124.5	98.3	85.2	65.5	52.4	45.9	45.9	45.9
55°	222.7	183.4	137.6	104.8	85.2	65.5	45.9	32.8	26.2	26.2	26.2
57.5°	209.6	163.8	117.9	91.7	65.5	45.9	26.2	19.7	19.7	13.1	19.7
60°	190.0	144.1	98.3	72.1	52.4	32.8	19.7	6.6	6.6	6.6	6.6
62.5°	163.8	124.5	85.2	59.0	39.3	19.7	6.6	0.0	0.0	0.0	0.0
65°	137.6	98.3	65.5	45.9	26.2	6.6	0.0	0.0	0.0	0.0	0.0
67.5°	117.9	85.2	52.4	32.8	19.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	104.8	72.1	39.3	26.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	85.2	59.0	32.8	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	72.1	45.9	19.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	59.0	32.8	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	45.9	26.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	39.3	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.7	6.6	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: P599383
 CATALOG NUMBER: IFLD-S-SA6D-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9	9222.9
2.5°	8319.0	8279.7	8476.2	8797.2	8960.9	9281.9	9360.5	9563.6	9511.1	9583.2
5°	6884.4	6963.1	7251.3	7722.9	7893.2	8358.3	8797.2	9236.0	9517.7	9655.3
7.5°	5109.3	5371.3	5725.0	6157.4	6596.2	7205.4	7952.2	8463.1	8738.2	9033.0
10°	3805.8	4087.4	4493.6	4919.3	5633.3	6314.6	7061.3	7696.7	7932.5	8207.6
12.5°	2993.5	3432.4	3904.0	4362.6	4788.3	5436.8	6360.4	7284.0	7539.5	7749.1
15°	2083.0	2620.2	3294.8	3890.9	4487.0	5050.3	6006.7	7126.8	7474.0	7827.7
17.5°	1152.9	1578.6	2351.6	3190.0	4067.8	4932.4	6124.6	7415.0	7939.1	8188.0
20°	668.1	838.4	1388.7	2384.3	3543.8	4677.0	6183.6	7958.7	8653.0	8777.5
22.5°	550.2	609.2	786.0	1493.5	2901.8	4513.2	6484.9	8718.6	9426.0	9720.8
25°	471.6	517.5	609.2	897.4	2194.4	4166.0	6674.8	9668.4	10323.4	10644.4
27.5°	419.2	465.1	537.1	661.6	1493.5	3687.9	6989.3	10526.5	11181.5	11620.4
30°	366.8	406.1	478.2	563.3	1035.0	3150.7	7257.8	11155.3	12078.9	12216.5
32.5°	327.5	360.3	412.7	484.7	766.4	2390.9	7474.0	11803.8	12583.3	12884.6
35°	281.7	321.0	353.7	412.7	583.0	1801.4	7343.0	12308.2	13323.5	13683.7
37.5°	248.9	275.1	307.9	347.2	491.3	1408.3	7074.4	12910.8	13958.9	14292.9
40°	209.6	229.3	268.6	307.9	445.4	1087.4	6766.5	13637.9	14849.7	15439.2
42.5°	176.9	196.5	222.7	288.2	366.8	805.7	6144.3	14201.2	15570.2	16068.1
45°	137.6	163.8	203.1	288.2	294.8	596.1	5502.3	14620.4	15976.4	16225.3
47.5°	104.8	131.0	196.5	248.9	235.8	412.7	4742.5	15098.6	16395.6	16624.9
50°	78.6	104.8	222.7	216.2	196.5	314.4	4264.3	15432.7	16421.8	16546.3
52.5°	52.4	78.6	183.4	163.8	163.8	275.1	4133.3	15419.6	16487.3	16218.7
55°	39.3	59.0	104.8	117.9	144.1	242.4	4015.4	15910.9	16507.0	16696.9
57.5°	26.2	45.9	72.1	91.7	124.5	209.6	3773.0	16500.4	17116.1	17214.4
60°	13.1	32.8	52.4	72.1	104.8	183.4	3432.4	16932.7	17856.3	17961.1
62.5°	6.6	19.7	39.3	59.0	85.2	144.1	3078.7	16244.9	17535.4	17718.8
65°	0.0	13.1	26.2	39.3	52.4	104.8	2502.2	14666.3	16264.6	16939.3
67.5°	0.0	0.0	13.1	26.2	32.8	78.6	1886.5	13343.1	15092.1	16009.1
70°	0.0	0.0	6.6	6.6	19.7	59.0	1205.3	11050.5	13474.1	13978.5
72.5°	0.0	0.0	0.0	0.0	6.6	39.3	700.9	8207.6	10559.2	11495.9
75°	0.0	0.0	0.0	0.0	0.0	32.8	353.7	5279.6	7349.5	8607.2
77.5°	0.0	0.0	0.0	0.0	0.0	26.2	190.0	3406.2	5417.2	6471.8
80°	0.0	0.0	0.0	0.0	0.0	6.6	111.4	1978.2	3465.2	4198.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	45.9	969.5	2069.9	2423.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	13.1	517.5	1035.0	1362.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	72.1	137.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)