

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: P599583

Luminaire Tested: **IFLD-S-SA6A-827-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: P599583
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-827-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

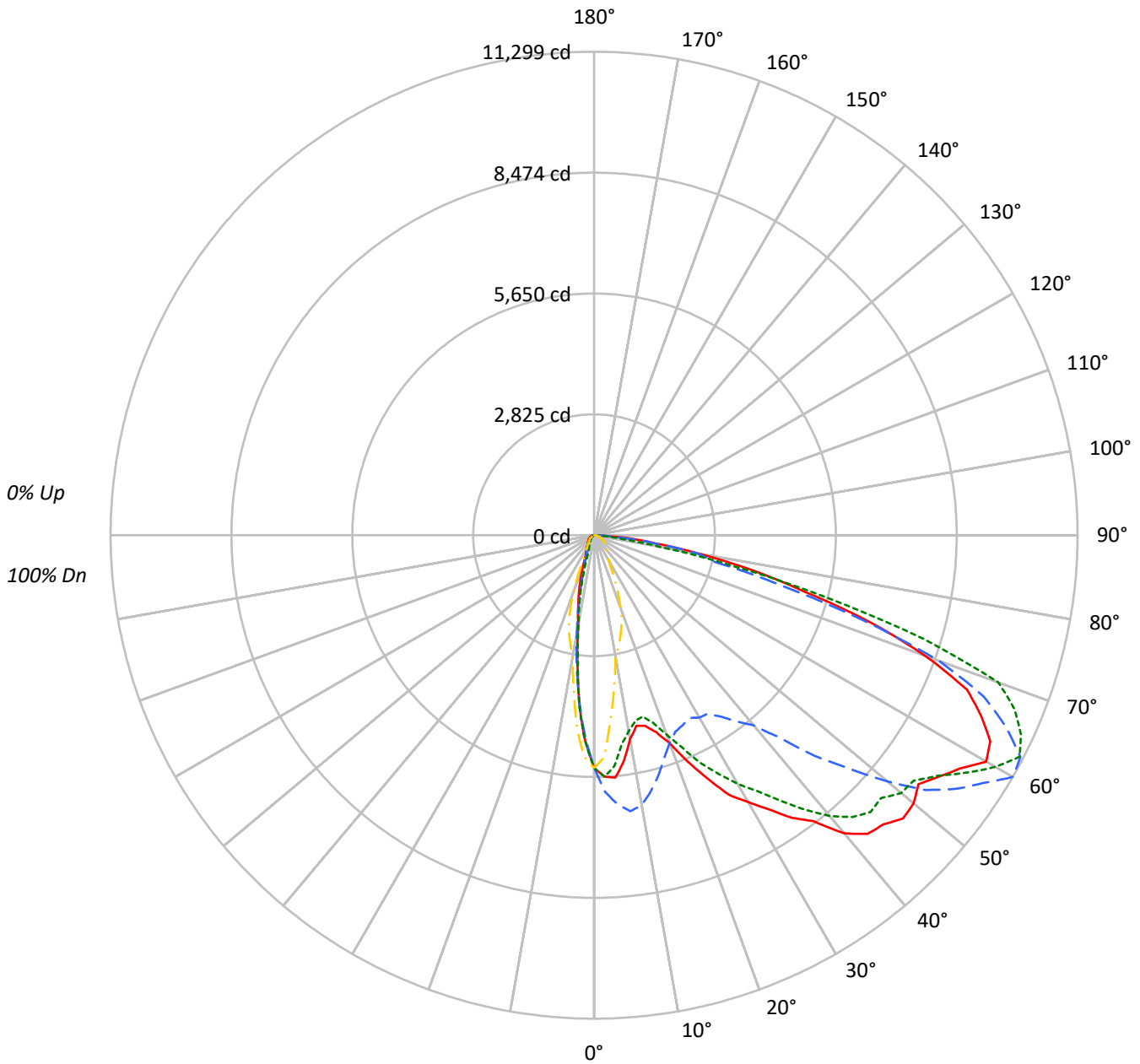
Lumens per Lamp: N/A
 Luminaire Lumens: 14450.5 lumens
 Efficiency: N/A
 Efficacy: 76.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

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

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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	
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79			79	
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61			61	
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48			48	
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39			39	
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32			32	
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27			27	
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23			23	
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20			20	
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16			16	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	38989	38989	38989	38989
5°	40973	38999	28491	28659
10°	35232	33882	15577	15212
15°	34258	32567	10120	7626
20°	39487	37837	5422	2711
25°	49650	46442	3514	2109
30°	59633	55572	2845	1727
35°	70618	66257	2333	1386
40°	85200	80212	2061	1048
45°	97002	92772	1919	705
50°	108819	104597	1896	431
55°	123059	122625	1883	193
60°	151857	155457	1716	56
65°	169441	186870	1572	0
70°	172775	210908	1458	0
75°	140583	155563	1392	0
80°	102216	65061	1434	0
85°	66082	27327	1910	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	412.8	2.9
10°-20°	809.4	5.6
20°-30°	1120.1	7.8
30°-40°	1583.0	11.0
40°-50°	2155.2	14.9
50°-60°	2854.5	19.8
60°-70°	3314.3	22.9
70°-80°	1876.9	13.0
80°-90°	324.3	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°	2342.3	16.2
0°-40°	3925.2	27.2
0°-60°	8935.0	61.8
0°-90°	14450.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14450.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5433	5433	5433	5433	5433	
5°	5688	5414	3955	3978	5688	511
15°	4611	4384	1362	1026	4611	1353
25°	6271	5866	444	266	6271	2925
35°	8061	7563	266	158	8061	5082
45°	9558	9142	189	70	9558	7411
55°	9836	9802	150	15	9836	8912
65°	9979	11006	93	0	9979	9728
75°	5070	5611	50	0	5070	5534
85°	803	332	23	0	803	964
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°	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3
2.5°	5645.5	5765.1	5769.0	5823.0	5877.0	5877.0	6004.4	5973.5	5861.6	5842.3	5761.3
5°	5688.0	5730.4	5761.3	6035.3	6266.8	6243.6	6313.1	6266.8	6050.7	5772.9	5583.8
7.5°	5321.4	5367.7	5491.2	5958.1	6270.7	6374.8	6506.0	6216.6	5989.0	5487.3	5124.6
10°	4835.2	4923.9	5151.6	5684.1	6070.0	6401.9	6401.9	6170.3	5730.4	5240.3	4796.6
12.5°	4565.0	4742.5	4866.0	5406.3	5907.9	6135.6	6127.9	6004.4	5718.8	5101.4	4599.8
15°	4611.3	4661.5	4923.9	5344.5	5676.4	5664.8	5803.7	5765.1	5564.5	5224.9	4673.1
17.5°	4823.6	4900.8	5128.4	5344.5	5502.7	5456.4	5452.6	5637.8	5649.4	5433.3	4947.1
20°	5170.9	5398.5	5506.6	5572.2	5379.3	5182.5	5159.3	5417.8	5618.5	5699.5	5275.1
22.5°	5726.6	5877.0	6097.0	5761.3	5259.6	5012.7	4966.4	5251.9	5657.1	6016.0	5699.5
25°	6270.7	6386.4	6598.7	6166.5	5394.7	4977.9	4896.9	5143.9	5803.7	6455.9	6212.8
27.5°	6845.6	6946.0	6969.1	6463.6	5468.0	4908.5	4812.0	5143.9	5927.2	6687.4	6826.3
30°	7196.8	7316.4	7339.6	6726.0	5587.6	4966.4	4920.1	5167.0	6012.1	6884.2	7266.2
32.5°	7590.4	7621.3	7602.0	6772.3	5718.8	5136.1	4943.2	5321.4	6108.6	7119.6	7667.6
35°	8061.2	8115.2	7918.4	6984.5	6012.1	5244.2	5174.7	5510.5	6274.5	7227.7	8153.8
37.5°	8420.0	8589.8	8146.1	7065.6	6070.0	5471.9	5483.4	5904.1	6390.3	7358.9	8690.2
40°	9095.3	8809.8	8531.9	7343.4	6289.9	5857.8	5796.0	6309.2	6780.0	7443.7	9041.3
42.5°	9465.8	9315.3	8682.4	7370.4	6629.5	6390.3	6405.7	6768.4	6984.5	7683.0	9137.8
45°	9558.4	9400.2	8887.0	7389.7	6965.2	7019.3	7285.5	7355.0	7285.5	7841.2	9319.2
47.5°	9793.8	9450.4	8863.8	7648.3	7509.3	7717.7	8057.3	8207.8	7694.6	7783.3	9404.0
50°	9747.5	9550.7	8813.6	7756.3	8173.1	8724.9	8952.6	8890.8	8149.9	7663.7	9311.4
52.5°	9554.5	9342.3	8968.0	8049.6	8794.3	9461.9	9778.4	9624.0	8555.1	7933.8	9249.7
55°	9836.2	9674.2	9168.7	8447.1	9261.3	10110.2	10334.0	10218.3	9052.9	8184.6	9600.9
57.5°	10141.1	10106.4	9712.8	8914.0	9813.1	10777.8	10777.8	10635.0	9485.1	8547.4	10121.8
60°	10581.0	10658.2	10114.1	9222.7	10002.2	10739.2	11298.8	11132.8	9921.1	9184.1	10712.2
62.5°	10438.2	10685.2	10631.2	9886.4	10218.3	10928.3	11233.1	11356.6	10461.4	9959.7	11499.4
65°	9979.0	10241.4	10627.3	10322.5	10056.2	10469.1	10623.4	10997.8	10731.5	10689.0	11823.6
67.5°	9431.1	9716.6	9955.9	10615.7	9728.2	10002.2	9867.1	9986.7	10438.2	11487.8	12008.8
70°	8234.8	8508.8	8887.0	9963.6	8859.9	8613.0	8578.3	8520.4	9222.7	11202.3	11167.5
72.5°	6772.3	6899.6	7524.8	8099.8	6556.2	6509.9	6563.9	6498.3	7312.5	10141.1	9566.1
75°	5070.5	5197.9	5552.9	6220.5	4464.7	4198.4	4507.2	4812.0	5583.8	7872.1	6872.6
77.5°	3812.6	3974.6	4198.4	4653.8	3276.2	2859.4	2901.9	3191.3	4036.4	6305.4	3851.1
80°	2473.5	2454.2	2886.4	3202.9	2465.8	2543.0	2434.9	2647.2	2925.0	3372.6	1968.0
82.5°	1427.8	1447.1	1628.4	1836.8	1717.2	1964.2	1416.2	2365.5	2087.6	1373.8	733.2
85°	802.6	837.4	1003.3	1273.4	1076.6	721.6	590.4	1173.1	1312.0	563.4	355.0
87.5°	81.0	69.5	135.1	482.4	293.3	119.6	177.5	281.7	316.4	212.2	104.2
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3
2.5°	5645.5	5645.5	5549.0	5387.0	5321.4	5205.6	5047.4	5097.6	5043.5	4846.7	4796.6
5°	5414.0	5228.8	5028.1	4781.1	4638.4	4345.1	4252.5	4086.5	4113.5	3947.6	3955.3
7.5°	4931.6	4785.0	4445.4	4121.3	3839.6	3584.9	3226.0	3090.9	2959.7	2894.1	2971.3
10°	4649.9	4376.0	3912.9	3488.4	3114.1	2886.4	2647.2	2462.0	2292.2	2164.8	2137.8
12.5°	4445.4	4202.3	3642.8	3125.7	2832.4	2647.2	2427.2	2172.5	2006.6	1786.7	1721.1
15°	4383.7	4086.5	3496.1	2982.9	2697.3	2392.5	2141.7	1890.8	1674.7	1443.2	1362.2
17.5°	4595.9	4252.5	3492.3	2867.1	2465.8	2137.8	1790.5	1508.8	1288.9	1076.6	1026.5
20°	4954.8	4430.0	3604.2	2797.7	2245.9	1805.9	1412.3	1130.6	883.7	744.8	710.0
22.5°	5363.8	4731.0	3615.8	2612.5	2025.9	1474.1	1030.3	744.8	605.8	540.2	520.9
25°	5865.5	5213.3	3754.7	2462.0	1767.4	1119.1	733.2	571.1	490.1	451.5	443.8
27.5°	6278.4	5549.0	3905.2	2303.7	1512.7	829.7	575.0	466.9	424.5	385.9	382.0
30°	6706.7	5934.9	3947.6	2207.3	1292.7	683.0	493.9	412.9	366.6	347.3	343.4
32.5°	7081.0	6355.5	4082.7	2049.1	1084.3	602.0	447.6	370.5	339.6	308.7	304.9
35°	7563.4	6598.7	4148.3	1964.2	1007.2	544.1	409.0	339.6	293.3	274.0	266.3
37.5°	8080.5	6834.0	4190.7	1898.6	941.6	509.4	385.9	320.3	277.8	250.8	243.1
40°	8562.8	7165.9	4129.0	1817.5	891.4	466.9	370.5	297.1	258.5	231.5	220.0
42.5°	8933.3	7490.1	4109.7	1740.3	837.4	451.5	351.2	285.6	243.1	212.2	208.4
45°	9141.6	7710.0	3974.6	1678.6	794.9	459.2	343.4	270.1	231.5	204.5	189.1
47.5°	9091.5	7879.8	4009.4	1659.3	737.0	428.3	339.6	258.5	212.2	189.1	177.5
50°	9369.3	8223.2	3951.5	1597.6	694.6	385.9	370.5	258.5	208.4	181.4	169.8
52.5°	9415.6	8535.8	4075.0	1485.7	629.0	355.0	366.6	254.7	200.7	173.6	158.2
55°	9801.5	8898.5	4314.2	1423.9	575.0	308.7	335.7	247.0	181.4	158.2	150.5
57.5°	10326.3	9651.0	4468.6	1366.0	501.7	270.1	281.7	243.1	165.9	146.6	135.1
60°	10831.8	9952.0	4480.1	1261.8	432.2	243.1	220.0	243.1	154.4	131.2	119.6
62.5°	11210.0	9952.0	4403.0	1173.1	378.2	216.1	192.9	231.5	138.9	115.8	108.0
65°	11005.5	9685.7	4202.3	1099.8	343.4	189.1	165.9	177.5	123.5	100.3	92.6
67.5°	10638.9	8856.1	3758.5	1011.0	339.6	165.9	142.8	131.2	108.0	88.8	81.0
70°	10052.3	7737.0	3129.5	910.7	331.9	150.5	127.3	111.9	96.5	77.2	69.5
72.5°	8099.8	6390.3	2570.0	852.8	324.1	131.2	108.0	96.5	81.0	65.6	57.9
75°	5610.8	4082.7	1979.6	729.3	316.4	119.6	100.3	84.9	69.5	54.0	50.2
77.5°	3364.9	2728.2	1277.3	548.0	208.4	96.5	84.9	65.6	57.9	46.3	42.4
80°	1574.4	1288.9	517.1	212.2	100.3	69.5	57.9	50.2	46.3	38.6	34.7
82.5°	617.4	544.1	250.8	123.5	81.0	54.0	46.3	42.4	38.6	30.9	27.0
85°	331.9	293.3	119.6	84.9	57.9	38.6	38.6	34.7	30.9	27.0	23.2
87.5°	73.3	54.0	50.2	50.2	42.4	30.9	30.9	27.0	23.2	19.3	15.4
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3
2.5°	4769.6	4827.4	4734.8	4792.7	4711.7	4773.4	4781.1	4723.2	4738.7	4815.9	4850.6
5°	4063.4	4024.8	3939.9	3912.9	3916.7	3866.6	3885.9	3912.9	3955.3	3978.5	4047.9
7.5°	2928.9	3017.6	3013.8	3079.4	3083.2	3075.5	3021.5	2905.7	2944.3	2913.4	2952.0
10°	2095.4	2134.0	2207.3	2249.7	2326.9	2284.4	2161.0	2114.7	2091.5	2087.6	2126.2
12.5°	1674.7	1582.1	1574.4	1589.9	1628.4	1578.3	1516.5	1462.5	1489.5	1543.5	1586.0
15°	1296.6	1219.4	1119.1	1103.6	1111.4	1088.2	1022.6	953.1	972.4	1026.5	1057.3
17.5°	995.6	906.8	837.4	791.1	775.6	694.6	598.1	540.2	524.8	520.9	548.0
20°	671.4	656.0	644.4	586.5	586.5	470.8	389.7	347.3	347.3	355.0	358.9
22.5°	501.7	482.4	486.2	474.6	443.8	351.2	308.7	297.1	297.1	304.9	304.9
25°	436.1	409.0	401.3	397.5	366.6	301.0	270.1	258.5	258.5	266.3	266.3
27.5°	370.5	362.7	351.2	335.7	308.7	258.5	239.2	227.7	231.5	235.4	231.5
30°	339.6	320.3	304.9	304.9	274.0	231.5	216.1	208.4	200.7	208.4	212.2
32.5°	301.0	289.4	281.7	270.1	235.4	204.5	189.1	181.4	177.5	177.5	181.4
35°	258.5	258.5	250.8	235.4	204.5	185.2	165.9	158.2	154.4	158.2	158.2
37.5°	231.5	220.0	223.8	208.4	181.4	162.1	142.8	135.1	135.1	131.2	135.1
40°	216.1	196.8	185.2	177.5	162.1	138.9	123.5	115.8	111.9	111.9	111.9
42.5°	192.9	177.5	154.4	150.5	146.6	119.6	100.3	96.5	92.6	88.8	88.8
45°	181.4	158.2	138.9	119.6	119.6	100.3	84.9	77.2	73.3	69.5	73.3
47.5°	165.9	142.8	119.6	100.3	96.5	81.0	65.6	57.9	54.0	54.0	54.0
50°	158.2	127.3	104.2	84.9	73.3	65.6	50.2	42.4	38.6	38.6	38.6
52.5°	146.6	119.6	92.6	73.3	57.9	50.2	38.6	30.9	27.0	27.0	27.0
55°	131.2	108.0	81.0	61.7	50.2	38.6	27.0	19.3	15.4	15.4	15.4
57.5°	123.5	96.5	69.5	54.0	38.6	27.0	15.4	11.6	11.6	7.7	11.6
60°	111.9	84.9	57.9	42.4	30.9	19.3	11.6	3.9	3.9	3.9	3.9
62.5°	96.5	73.3	50.2	34.7	23.2	11.6	3.9	0.0	0.0	0.0	0.0
65°	81.0	57.9	38.6	27.0	15.4	3.9	0.0	0.0	0.0	0.0	0.0
67.5°	69.5	50.2	30.9	19.3	11.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	61.7	42.4	23.2	15.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	50.2	34.7	19.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	42.4	27.0	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	34.7	19.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	27.0	15.4	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°	15.4	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: P599583
 CATALOG NUMBER: IFLD-S-SA6A-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3	5433.3
2.5°	4900.8	4877.6	4993.4	5182.5	5278.9	5468.0	5514.3	5633.9	5603.1	5645.5
5°	4055.7	4102.0	4271.8	4549.6	4649.9	4923.9	5182.5	5441.0	5606.9	5688.0
7.5°	3009.9	3164.3	3372.6	3627.3	3885.9	4244.7	4684.7	4985.7	5147.7	5321.4
10°	2242.0	2407.9	2647.2	2898.0	3318.6	3719.9	4159.9	4534.2	4673.1	4835.2
12.5°	1763.5	2022.0	2299.9	2570.0	2820.8	3202.9	3747.0	4291.1	4441.6	4565.0
15°	1227.1	1543.5	1941.0	2292.2	2643.3	2975.2	3538.6	4198.4	4403.0	4611.3
17.5°	679.2	930.0	1385.3	1879.3	2396.4	2905.7	3608.0	4368.2	4676.9	4823.6
20°	393.6	493.9	818.1	1404.6	2087.6	2755.2	3642.8	4688.5	5097.6	5170.9
22.5°	324.1	358.9	463.1	879.8	1709.5	2658.8	3820.3	5136.1	5552.9	5726.6
25°	277.8	304.9	358.9	528.7	1292.7	2454.2	3932.2	5695.7	6081.6	6270.7
27.5°	247.0	274.0	316.4	389.7	879.8	2172.5	4117.4	6201.2	6587.1	6845.6
30°	216.1	239.2	281.7	331.9	609.7	1856.1	4275.6	6571.6	7115.7	7196.8
32.5°	192.9	212.2	243.1	285.6	451.5	1408.5	4403.0	6953.7	7412.9	7590.4
35°	165.9	189.1	208.4	243.1	343.4	1061.2	4325.8	7250.8	7848.9	8061.2
37.5°	146.6	162.1	181.4	204.5	289.4	829.7	4167.6	7605.8	8223.2	8420.0
40°	123.5	135.1	158.2	181.4	262.4	640.6	3986.2	8034.2	8748.0	9095.3
42.5°	104.2	115.8	131.2	169.8	216.1	474.6	3619.6	8366.0	9172.5	9465.8
45°	81.0	96.5	119.6	169.8	173.6	351.2	3241.4	8613.0	9411.8	9558.4
47.5°	61.7	77.2	115.8	146.6	138.9	243.1	2793.8	8894.7	9658.7	9793.8
50°	46.3	61.7	131.2	127.3	115.8	185.2	2512.1	9091.5	9674.2	9747.5
52.5°	30.9	46.3	108.0	96.5	96.5	162.1	2434.9	9083.8	9712.8	9554.5
55°	23.2	34.7	61.7	69.5	84.9	142.8	2365.5	9373.2	9724.3	9836.2
57.5°	15.4	27.0	42.4	54.0	73.3	123.5	2222.7	9720.5	10083.2	10141.1
60°	7.7	19.3	30.9	42.4	61.7	108.0	2022.0	9975.2	10519.3	10581.0
62.5°	3.9	11.6	23.2	34.7	50.2	84.9	1813.7	9570.0	10330.2	10438.2
65°	0.0	7.7	15.4	23.2	30.9	61.7	1474.1	8640.0	9581.6	9979.0
67.5°	0.0	0.0	7.7	15.4	19.3	46.3	1111.4	7860.5	8890.8	9431.1
70°	0.0	0.0	3.9	3.9	11.6	34.7	710.0	6509.9	7937.7	8234.8
72.5°	0.0	0.0	0.0	0.0	3.9	23.2	412.9	4835.2	6220.5	6772.3
75°	0.0	0.0	0.0	0.0	0.0	19.3	208.4	3110.2	4329.6	5070.5
77.5°	0.0	0.0	0.0	0.0	0.0	15.4	111.9	2006.6	3191.3	3812.6
80°	0.0	0.0	0.0	0.0	0.0	3.9	65.6	1165.4	2041.3	2473.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	27.0	571.1	1219.4	1427.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	7.7	304.9	609.7	802.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	42.4	81.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)