

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: P599300

Luminaire Tested: **IFLD-M-SA4C-760-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599300
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

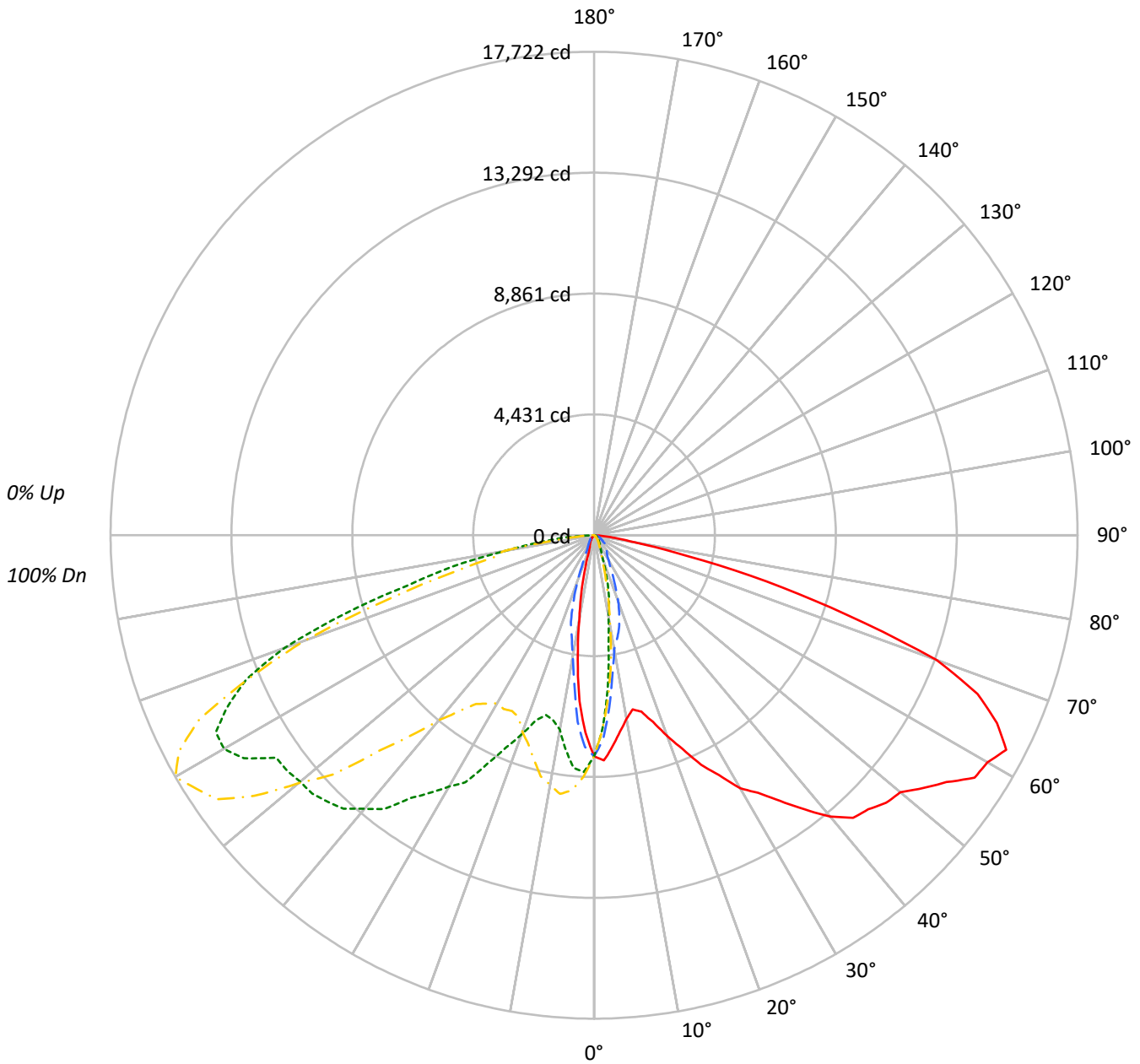
Lumens per Lamp: N/A
 Luminaire Lumens: 21184.3 lumens
 Efficiency: N/A
 Efficacy: 97.1 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	87174	87174	87174	87174
5°	83928	61341	66032	92506
10°	74723	33398	33835	79093
15°	74592	22276	13620	75993
20°	89563	11121	5430	89040
25°	110160	6987	4206	109617
30°	133102	5608	3194	132249
35°	156178	4503	2477	154602
40°	189074	3851	1605	183858
45°	216310	3478	869	210311
50°	245415	3347	191	235372
55°	296037	3215	0	266883
60°	358410	2706	0	337139
65°	415017	2183	0	377194
70°	420246	1797	0	380344
75°	271968	1189	0	291686
80°	92757	353	0	206398
85°	46560	0	0	151648

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	613.5	2.9
10°-20°	1187.9	5.6
20°-30°	1654.5	7.8
30°-40°	2350.9	11.1
40°-50°	3260.0	15.4
50°-60°	4441.9	21.0
60°-70°	4883.5	23.1
70°-80°	2400.2	11.3
80°-90°	391.9	1.9
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°	3455.9	16.3
0°-40°	5806.8	27.4
0°-60°	13508.6	63.8
0°-90°	21184.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	21184.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8099	8099	8099	8099	8099	
5°	7768	5677	6111	8561	7768	711
15°	6694	1999	1222	6819	6694	1981
25°	9275	588	354	9230	9275	4312
35°	11885	343	188	11766	11885	7544
45°	14210	228	57	13816	14210	11015
55°	15775	171	0	14221	15775	14190
65°	16295	86	0	14810	16295	15747
75°	6540	29	0	7014	6540	7129
85°	377	0	0	1228	377	521
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7
2.5°	8264.4	8361.5	8270.1	7950.3	7893.1	7738.9	7504.8	7487.6	7242.0	7270.6	7139.2
5°	7767.5	7864.6	7670.4	7247.8	6853.7	6539.5	6351.1	6014.1	5939.8	5774.2	5774.2
7.5°	7259.2	7253.5	6922.2	6568.1	5979.8	5403.0	5140.2	4654.8	4369.2	4215.0	4066.5
10°	6836.5	6745.1	6539.5	5808.5	5168.8	4569.1	4243.6	3923.7	3626.7	3369.7	3112.7
12.5°	6539.5	6596.7	6271.1	5477.2	4649.1	4232.1	3883.7	3546.8	3192.7	2901.4	2615.8
15°	6693.7	6602.4	6219.7	5403.0	4563.4	3992.3	3529.6	3118.4	2724.3	2341.7	2124.6
17.5°	7173.5	6939.3	6488.1	5403.0	4386.3	3626.7	3067.0	2581.5	2158.9	1816.2	1547.8
20°	7818.9	7550.5	7065.0	5602.9	4255.0	3358.3	2593.0	1981.9	1542.1	1222.2	1016.6
22.5°	8481.4	8270.1	7539.0	5682.8	4100.8	2998.5	2044.7	1433.6	1028.0	822.4	719.6
25°	9275.3	8978.3	8178.7	6002.7	3872.3	2650.1	1610.6	999.5	765.3	656.8	594.0
27.5°	9909.3	9857.9	8778.4	6196.9	3701.0	2364.5	1273.6	793.9	634.0	554.0	514.0
30°	10708.9	10429.0	9509.5	6585.2	3506.8	2039.0	1062.3	713.9	582.6	496.9	468.3
32.5°	11188.6	11057.2	9892.1	6802.3	3289.8	1770.5	913.8	628.3	531.2	468.3	439.8
35°	11885.4	11622.7	10440.4	6939.3	3175.5	1616.3	822.4	571.1	445.5	382.7	348.4
37.5°	12662.1	12565.1	11097.2	6933.6	3009.9	1524.9	759.6	531.2	422.6	354.1	314.1
40°	13456.0	13061.9	11497.0	7093.5	2924.2	1456.4	713.9	508.3	399.8	337.0	285.6
42.5°	14050.0	13598.8	11959.6	7036.4	2821.4	1336.5	696.8	474.0	382.7	308.4	262.7
45°	14209.9	14050.0	12376.6	7019.3	2747.2	1239.4	668.2	468.3	371.2	291.3	245.6
47.5°	14518.3	14409.8	12890.6	7047.9	2690.1	1165.1	599.7	479.8	354.1	274.1	234.2
50°	14655.4	14461.2	13307.5	7116.4	2558.7	1073.7	536.9	502.6	348.4	268.4	222.7
52.5°	15220.9	15049.5	13878.7	7310.6	2450.2	953.8	474.0	479.8	359.8	251.3	211.3
55°	15774.9	15580.7	14758.2	7756.1	2296.0	856.7	405.5	422.6	342.7	228.5	188.5
57.5°	16534.5	16214.6	15346.5	7938.8	2158.9	725.3	359.8	348.4	319.8	205.6	165.6
60°	16648.7	16780.1	15260.8	7824.6	2016.1	639.7	314.1	268.4	342.7	182.8	142.8
62.5°	17031.4	16483.1	14861.0	7561.9	1913.3	588.3	279.9	222.7	297.0	159.9	119.9
65°	16294.6	15889.1	13924.4	6716.6	1782.0	594.0	245.6	182.8	188.5	131.4	97.1
67.5°	15215.1	14895.3	12370.9	5797.1	1650.6	582.6	217.0	159.9	142.8	114.2	85.7
70°	13353.2	12662.1	10509.0	4706.2	1456.4	542.6	182.8	142.8	119.9	91.4	62.8
72.5°	9715.1	9435.2	7539.0	3638.2	1307.9	491.2	171.3	119.9	102.8	68.5	51.4
75°	6539.5	6076.9	4757.6	2387.4	1050.9	428.4	142.8	108.5	80.0	51.4	40.0
77.5°	3455.4	3266.9	2695.8	1136.6	582.6	199.9	80.0	62.8	45.7	40.0	22.8
80°	1496.4	1330.8	1165.1	462.6	205.6	91.4	51.4	34.3	28.6	22.8	11.4
82.5°	765.3	731.1	605.4	199.9	119.9	68.5	28.6	22.8	17.1	11.4	5.7
85°	377.0	388.4	319.8	62.8	68.5	40.0	5.7	5.7	0.0	0.0	0.0
87.5°	28.6	28.6	22.8	11.4	17.1	5.7	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7
2.5°	7087.8	7167.8	7030.7	7116.4	7076.4	7093.5	7110.7	7065.0	7076.4	7236.3	7242.0
5°	5677.1	5831.3	5774.2	5854.2	5991.2	5922.7	5985.5	5974.1	5985.5	6008.4	6111.2
7.5°	4049.4	4003.7	4112.2	4323.5	4569.1	4717.6	4643.4	4603.4	4580.5	4523.4	4592.0
10°	3055.6	3032.7	3004.2	3067.0	3226.9	3392.6	3483.9	3329.7	3244.1	3135.6	3095.6
12.5°	2535.9	2393.1	2313.1	2216.0	2261.7	2410.2	2415.9	2267.4	2130.3	2073.2	2136.1
15°	1999.0	1901.9	1759.1	1622.0	1553.5	1667.7	1570.6	1427.8	1250.8	1227.9	1222.2
17.5°	1427.8	1370.7	1267.9	1210.8	1130.9	1102.3	999.5	782.5	656.8	622.5	634.0
20°	970.9	925.2	919.5	868.1	833.9	811.0	645.4	502.6	462.6	468.3	474.0
22.5°	719.6	696.8	668.2	662.5	634.0	605.4	474.0	422.6	394.1	394.1	411.2
25°	588.3	576.9	548.3	536.9	525.4	485.5	399.8	359.8	348.4	337.0	354.1
27.5°	502.6	496.9	479.8	462.6	451.2	411.2	348.4	314.1	302.7	302.7	302.7
30°	451.2	451.2	428.4	394.1	394.1	348.4	297.0	274.1	262.7	262.7	257.0
32.5°	422.6	411.2	382.7	359.8	342.7	297.0	262.7	239.9	222.7	222.7	228.5
35°	342.7	342.7	337.0	319.8	297.0	251.3	222.7	199.9	188.5	182.8	188.5
37.5°	302.7	285.6	262.7	268.4	257.0	217.0	188.5	171.3	154.2	154.2	154.2
40°	274.1	257.0	234.2	217.0	211.3	194.2	165.6	137.1	119.9	114.2	114.2
42.5°	245.6	234.2	199.9	171.3	165.6	165.6	125.7	102.8	85.7	85.7	85.7
45°	228.5	211.3	182.8	148.5	119.9	125.7	102.8	74.2	62.8	57.1	57.1
47.5°	217.0	199.9	159.9	125.7	91.4	91.4	74.2	51.4	40.0	34.3	34.3
50°	199.9	182.8	142.8	102.8	68.5	57.1	45.7	28.6	17.1	11.4	11.4
52.5°	188.5	171.3	125.7	85.7	57.1	40.0	28.6	5.7	0.0	0.0	0.0
55°	171.3	148.5	108.5	68.5	45.7	22.8	5.7	0.0	0.0	0.0	0.0
57.5°	148.5	131.4	85.7	51.4	28.6	5.7	0.0	0.0	0.0	0.0	0.0
60°	125.7	108.5	68.5	40.0	11.4	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	102.8	91.4	51.4	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	85.7	68.5	40.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	74.2	57.1	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	57.1	40.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	40.0	28.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	28.6	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	17.1	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7
2.5°	7264.9	7436.2	7596.1	7641.8	7767.5	8115.9	8115.9	8281.5	8578.5	8687.0	8709.9
5°	6128.3	6311.1	6345.4	6699.5	6865.1	7219.2	7453.4	8013.1	8350.0	8561.4	8692.7
7.5°	4660.5	4723.3	4854.7	5185.9	5511.5	5939.8	6385.3	7099.3	7693.2	7933.1	8378.6
10°	3204.1	3392.6	3678.1	3975.1	4483.4	4957.5	5534.3	6208.3	6939.3	7236.3	7619.0
12.5°	2158.9	2421.6	2878.5	3301.2	3769.5	4249.3	4797.6	5700.0	6528.1	6939.3	7322.0
15°	1262.2	1582.1	1976.1	2661.5	3284.0	3820.9	4369.2	5283.0	6288.2	6819.4	7287.7
17.5°	639.7	736.8	1062.3	1656.3	2478.7	3358.3	4175.0	5340.1	6471.0	7122.1	7510.5
20°	479.8	508.3	599.7	879.6	1696.3	2775.7	3992.3	5425.8	6979.3	7773.2	7984.5
22.5°	416.9	439.8	479.8	571.1	953.8	2124.6	3735.2	5637.1	7670.4	8418.6	8864.1
25°	354.1	377.0	411.2	468.3	611.1	1445.0	3421.1	5859.9	8287.2	9229.6	9646.5
27.5°	308.4	325.5	359.8	405.5	496.9	919.5	2878.5	6156.9	9229.6	10212.0	10320.5
30°	262.7	279.9	308.4	359.8	422.6	651.1	2113.2	6196.9	9749.3	10640.3	10943.0
32.5°	228.5	234.2	268.4	314.1	354.1	514.0	1485.0	6236.8	10132.0	11194.3	11257.1
35°	188.5	199.9	234.2	262.7	308.4	405.5	1125.1	6036.9	10628.9	11765.5	11748.3
37.5°	154.2	171.3	194.2	217.0	251.3	342.7	896.7	5665.7	11251.4	12650.7	12113.9
40°	119.9	137.1	159.9	188.5	211.3	308.4	673.9	5106.0	11902.5	13084.8	12513.7
42.5°	85.7	97.1	119.9	148.5	188.5	257.0	485.5	4443.5	12159.5	13593.1	12993.4
45°	62.8	74.2	91.4	125.7	194.2	205.6	337.0	3838.1	12433.7	13815.8	12884.9
47.5°	34.3	45.7	68.5	108.5	171.3	154.2	239.9	3295.5	12747.8	14015.7	12970.6
50°	11.4	17.1	40.0	114.2	137.1	119.9	188.5	3004.2	13056.2	14055.7	13141.9
52.5°	0.0	0.0	22.8	119.9	102.8	91.4	165.6	2890.0	12976.3	14181.4	13033.4
55°	0.0	0.0	5.7	51.4	57.1	68.5	137.1	2884.3	13541.7	14221.4	13627.4
57.5°	0.0	0.0	0.0	17.1	34.3	57.1	119.9	2701.5	13901.5	15215.1	14427.0
60°	0.0	0.0	0.0	5.7	22.8	40.0	91.4	2541.6	14267.0	15660.6	15283.7
62.5°	0.0	0.0	0.0	0.0	5.7	17.1	62.8	2296.0	13530.3	15626.4	16111.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	40.0	1816.2	12171.0	14809.6	15654.9
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	22.8	1256.5	10657.5	13781.6	14815.3
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	759.6	8601.4	12085.3	12565.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	325.5	6139.7	9595.1	10309.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131.4	3798.1	7013.6	7893.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.4	2461.6	5311.6	5991.2
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	1313.6	3329.7	3872.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	571.1	2021.8	2330.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	182.8	1227.9	1399.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	188.5	251.3
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: P599300
 CATALOG NUMBER: IFLD-M-SA4C-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7	8098.7
2.5°	8721.3	8886.9	8949.7	8852.7	8864.1	8664.2	8635.6	8355.8	8241.5	8264.4
5°	9121.1	9361.0	9492.3	9383.8	9138.2	8755.6	8407.2	8075.9	7870.3	7767.5
7.5°	9029.7	9298.1	9463.8	9566.6	9286.7	8669.9	8138.7	7516.2	7253.5	7259.2
10°	8527.1	9086.8	9423.8	9292.4	9161.1	8544.2	7721.8	7047.9	6813.7	6836.5
12.5°	8121.6	8744.1	8944.0	9046.8	8778.4	8287.2	7733.2	6962.2	6699.5	6539.5
15°	7870.3	8332.9	8344.3	8504.3	8395.7	8395.7	7853.2	7099.3	6870.8	6693.7
17.5°	7870.3	7973.1	7961.7	8018.8	8201.6	8418.6	8155.9	7653.3	7202.1	7173.5
20°	8047.3	7727.5	7653.3	7676.1	7830.3	8475.7	8824.1	8195.8	7910.3	7818.9
22.5°	8458.6	7756.1	7304.9	7224.9	7699.0	8470.0	9252.4	9052.6	8555.7	8481.4
25°	9024.0	7704.7	7213.5	7110.7	7470.5	8675.6	9840.7	9880.7	9429.5	9275.3
27.5°	9560.9	7933.1	7202.1	7179.2	7653.3	8629.9	10246.2	10543.2	10034.9	9909.3
30°	9743.6	8161.6	7413.4	7110.7	7721.8	8795.5	10234.8	11011.6	10680.3	10708.9
32.5°	9960.7	8390.0	7436.2	7316.3	8013.1	9064.0	10560.4	11765.5	11525.6	11188.6
35°	10280.5	8698.4	7653.3	7544.7	8218.7	9303.9	10628.9	12319.5	12279.5	11885.4
37.5°	10554.6	9001.1	8104.5	8121.6	8846.9	9692.2	10931.6	12999.1	12930.6	12662.1
40°	10748.8	9423.8	8807.0	8852.7	9395.2	10126.3	11468.5	13341.8	13850.1	13456.0
42.5°	10777.4	9800.7	9612.3	9977.8	10486.1	10800.2	11685.5	13576.0	14307.0	14050.0
45°	10885.9	10400.4	10925.9	11194.3	11611.3	11394.2	11674.1	13975.8	14341.3	14209.9
47.5°	11308.5	11491.3	12153.8	12970.6	13119.1	12405.1	11948.2	14038.6	14535.5	14518.3
50°	11748.3	12662.1	13593.1	14135.7	14324.2	13101.9	12205.2	13987.2	14792.5	14655.4
52.5°	12239.5	13678.8	15021.0	15689.2	15586.4	13873.0	12496.5	14404.1	15266.5	15220.9
55°	12547.9	14135.7	15940.5	16871.4	16791.5	14735.4	13421.8	15003.8	15889.1	15774.9
57.5°	13364.6	14878.2	16854.3	17288.4	17499.7	15866.2	14067.1	15986.2	16408.8	16534.5
60°	14038.6	15363.6	17094.2	17722.4	17796.7	16540.2	15198.0	16997.1	17071.3	16648.7
62.5°	15026.7	15552.1	16585.9	17151.3	17534.0	16922.8	16214.6	17539.7	17059.9	17031.4
65°	15752.0	14935.3	15637.8	15951.9	16197.5	16340.3	17237.0	17910.9	16848.6	16294.6
67.5°	15346.5	13770.2	13638.8	13655.9	13730.2	14592.6	16894.3	17002.8	15672.1	15215.1
70°	13507.4	11297.1	11120.1	11257.1	10885.9	11925.4	15506.4	15455.0	13827.3	13353.2
72.5°	10925.9	8235.8	7933.1	8121.6	8207.3	9309.6	13044.8	11719.8	10086.3	9715.1
75°	8681.3	6036.9	5094.6	5551.5	5842.8	6779.4	10189.1	7961.7	7042.1	6539.5
77.5°	6819.4	4569.1	3963.7	3780.9	4049.4	4928.9	7413.4	4180.7	3689.6	3455.4
80°	4323.5	3358.3	3643.9	3381.1	3495.4	3518.2	3860.9	1901.9	1513.5	1496.4
82.5°	2604.4	2296.0	2730.0	1502.1	2735.8	2444.5	1604.9	862.4	765.3	765.3
85°	1844.8	1422.1	942.4	611.1	1216.5	1342.2	622.5	445.5	388.4	377.0
87.5°	925.2	439.8	211.3	137.1	154.2	251.3	74.2	34.3	34.3	28.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)